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Kaney Transportation, Inc
Superfund/HRS
ILD 064 006 901

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Pre Remedial
Unit

# CERCLA Preliminary Assessment Report

Illinois Environmental
Protection Agency
P O Box 19276,
Springfield, IL 62794-9276

EPA Region 5 Records Ctr

*Confidential Material May be Enclosed*

# EXECUTIVE SUMMARY

Kaney Transportation, Incorporated was placed on the Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) on September 26,1990 This action was the result of the Illinois Environmental Protection Agency's (IEPA) concern of potential ground, and surface water and soil contamination

Kaney Transportation, Inc is an approximately five acre site located approximately one and a half miles west of the city limits of Rockford, Illinois It is in the north half of Section 13, Township 26 North, Range 11 East of Winnebago County just west of the Third Principal Meridian Kaney is in a small industrial area It is bordered by Marathon Petroleum Company to the west, Cunningham Road, Torch Oil and Badger Pipeline Company to the north, a residential area to the east and to the south lies Illinois Central Gulf Railroad line with vacant land beyond the railroad tracks There is currently an underground petroleum and propane pipeline running north and south on the west side of Kaney's property

Kaney's operations entail the transportation of petroleum and resinous chemical substances, truck maintenance and the storage of some product at the site Kaney Transportation is currently owned by Bell Leasing Company The president of Kaney is Richard L Bell

Although Kaney has two separate mailing addresses, the home office being on Meridian Road and the shop being on

Cunningham Road, they are both on the same parcel of land According to the tax assessor, prior to 1958 the property was owned by Russel Coffin and used for agricultural purposes In 1958 he sold part of his land to Martin Oil Services Martin Oil Services never developed this farmland On June 15, 1983 Martin Oil deeded part of their land to Federal Land Bank Associates of Dixon According to the tax assessor, in April of 1987 the Federal Land Bank sold a parcel of land on Meridian to Richard L Bell In December 1986, Ed Kaney deeded his land on Cunningham to Richard Bell However, Curtis Worden, a representative of Kaney, believes the property on both Meridian and Cunningham is leased to Kaney

Prior to 1988 Kaney actually consisted of two different entities Even so, both corporations had the same owners, directors and officers The first was incorporated on December 12, 1946, the second June 29, 1973 Kaney Transportation, Inc was the sole subsidiary to the holding company of KTI, Inc On December 31, 1988 Kaney Transportation, Inc was merged into KTI, Inc On February 6, 1989 the name of the corporation KTI, Inc was resolved to Kaney Transportation, Inc

In 1977 Kaney was prohibited from the Rockford Sanitary District for the disposal of effluent discharge from the on-site lagoon Heavy metals and cyanide were detected in the effluent The origin of these particular contaminants re-

mained a mystery

The first official complaint against Kaney Transportation, Inc is recorded as being filed before the Pollution Control Board on August 30, 1978 From about January 1974 to March 1979 Kaney specialized in the transportation of a variety of liquids and gases including gasoline, fuel oil, propane, resins, asphalt, varnishes, latexes and paints At this time Kaney washed both the interior and exterior of their trailer tanks on site According to the Division of Water Pollution Control (DWPC) files, approximately 300 gallons of waste were released into the holding pond per week The waste water flowed from floor drains through a pipe into a lagoon located south of where the trucks were washed The lagoon measures approximately 100 feet long, 100 feet wide and 8 feet deep It was the responsibility of Kaney employees to observe the lagoon When it was full enough, they were to pump the waste into a tank truck to be hauled to the Rockford Sanitary District for proper disposal However, the snows of 1976-1977 and 1978-1979 made access to the lagoon difficult On different occasions Mr Robert Higgins, president of Kaney at the time, along with three citizens observed waste in the lagoon overflowing into an abutting cornfield From the cornfield the discharge flowed to a stream that lies approximately 150 feet east of the lagoon It was mentioned that the liquid waste appeared to be oily with reddish, rusty

coloring and gave off "unpleasant, sickening odors" The stream flows several hundred feet to where it reaches property belonging to homeowners and flows into a private pond at approximately 1,200 feet downstream

As of March 1979, Kaney discontinued the internal washing of its trailers On December 12, 1980, the IEPA verified that Kaney had complied with settlement conditions These included the removal and proper disposal of all contaminated materials associated with the lagoon (solid wastes, liquid wastes and sludges), the installation of a clay base of no less than one foot deep for the lagoon floor, an impermeable industrial liner covering the clay base, and the waste is to never overflow the lagoon but be properly disposed of

November 19, 1981 the IEPA Permits Section gave Kaney permission for the installation of two stainless steel holding tanks These were placed in the lagoon area and used for the storage of external wash water

Also in November of 1981 Kaney Transportation, Inc informed the IEPA that Kaney qualified for the small quantity generator status May 9, 1985 a RCRA inspection revealed Kaney as generating hazardous waste This hazardous waste consisted of xylene used to clean their tank trailers Mr Bell agreed to ship the hazardous waste material to Acme Solvents By June 5, 1985, Kaney had shipped the 500 gallons of dirty xylene and claimed to no longer use xylene for

cleaning

September 21, 1983, is the date of a report that implies Ron Bell, at that time the director of operations and personnel, was interviewed by the IEPA in regards to a complaint that a hole was dug by the complainant where the complainant saw 15-20 drums containing solvents, resins and caustic materials placed in the hole However, Bell denied that the drums had been buried

On June 15, 1989, the IEPA received a complaint and confirmed that Kaney Transportation, Inc was having buried drums excavated from Kaney property by Frinks Industrial Waste, Inc (FIW) FIW extracted about 40 hole drums, 30 drum fragments and ten 5-gallon buckets These were placed on plastic sheeting The majority of the barrels were found at about 14 feet below grade The excavated soil (approximately 300 yards) was stockpiled to the side

Thomas Dishno, of FIW, said the clean fill (used for backfill) was separated from the excavated area by plastic sheeting However, Thomas McNamee, of IEPA, questioned the plastic sheeting being used due to the fact that no plastic sheeting was visible in the backfill area There is also photo documentation that shows contamination to the surrounding ground This occurred as a result of the drums being stockpiled FIW said they would remove the top layer of soil in this vicinity The following day FIW used plastic to line

the hole then refilled it to grade

From June 21, 1989 to June 23, 1989, FIW conducted 15 soil borings Some of the borings were sampled Previous to removal action, the stockpile of soil was also sampled The IEPA took samples June 22, 1989, one week following the excavation, but it is unclear as to the exact location of these samples

July 7, 1989, began the overpacking procedures The drums that contained liquids were overpacked into 20 new drums from which a composite sample was taken The solid materials were overpacked into 16 containers A composite sample was collected from the 16 drums

On July 19, 1989, three underground storage tanks (UST) were also removed from Kaney property These consisted of two 275-gallon tanks and one 550-gallon tank The two 275-gallon tanks were used for the storage of solvents They were located to the east of the dispatch building The 550-gallon tank was used to store waste oil It had been emplaced to the west of the dispatch building

The two solvent tanks were installed sometime in 1970 or 1971 and employed until the mid to late 70's They were used in the process of washing road tar from the trailers During the removal, it became apparent that the 275-gallon tanks were leaking solvent After the removal of the tanks, they were opened, the contents pumped out and the tanks were

cleaned Approximately 15 drums were needed to contain the product remaining in the tanks and the wash water used for cleaning From the east excavation, approximately 50 cubic yards of contaminated soil were placed on plastic sheeting Samples were taken by FIW and the IEPA from the east and west excavations The analytical results indicated that chlorinated solvents dwell in the soil where the UST's were removed

Following the sampling, each of the tanks were transported to a facility for proper disposal Visqueen was placed over the east and west excavation holes Clean backfill was used in the solvent contaminated area and brought to grade The soil contaminated with waste oil was used to bring the west excavation back to grade

An HNU phtoionizer detected up organic vapors originating from the soils of both the drum and UST removals Although the soil adjacent to the excavations was removed, contaminated soil still remains

Sixteen soil borings and several monitoring wells were istalled by Mittelhauser Corporaiton in April of 1990 The following table shows the results of soil samples taken

| | Compound | | |
|---|---|---|---|
| Sample I D | ethylbenzene | xylene | cis-1,2-dichloroethene |
| KT2-2 | ND | 0 014 | ND |
| KE1-5 | 14 | 33 | ND |
| KE1-10 | 16 | 50 | ND |
| KE5-9 | 0 013 | 0 012 | ND |
| KE2-14 | ND | ND | 0 0075 |

note - All results in mg/kg (ppm) ND - Not detected

Below are results received for groundwater samples

| Compound | Sample I D MW1 | MW2 | MW3 | MW4 | MW5 | MW6 | MW7 | MW8 | MW9 |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0 110 | 0 200 | 0 015 | 0 310 | < 0 001 | < 0 001 | 0 120 | 0 590 | < 0 050 |
| 1 2 Dichloroethane | < 0 010 | < 0 050 | 0 004 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | < 0 010 | < 0 050 |
| cis 1 2 Dichloroethene | 0 790 | < 0 050 | < 0 001 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | < 0 010 | 0 700 |
| Ethylbenzene | < 0 010 | < 0 050 | < 0 001 | 0 280 | < 0 001 | < 0 001 | < 0 001 | 0 036 | < 0 050 |
| Tetrachloroethene | 0 015 | < 0 050 | < 0 001 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | < 0 010 | 0 050 |
| Toluene | 0 075 | 0 400 | < 0 001 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | 0 270 | < 0 050 |
| Trichloroethene | 0 530 | < 0 050 | 0 001 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | < 0 010 | 0 350 |
| Vinyl Chloride | < 0 100 | < 0 050 | < 0 010 | < 0 500 | < 0 010 | < 0 010 | < 0 010 | < 0 100 | 0 500 |
| Xylenes | 0 019 | 0 800 | < 0 001 | 0 160 | < 0 001 | < 0 001 | < 0 001 | 0 190 | < 0 050 |

| Compound | R1 | KEB | Trip Blank | Trip Blank |
|---|---|---|---|---|
| Benzene | 0 020 | < 0 001 | < 0 001 | < 0 001 |
| 1 2 Dichloroethane | 0 008 | < 0 001 | < 0 001 | < 0 001 |
| cis 1 2 Dichloroethene | 0 036 | < 0 001 | < 0 001 | < 0 001 |
| Ethylbenzene | < 0 001 | < 0 001 | < 0 001 | < 0 001 |
| Tetrachloroethene | < 0 001 | < 0 001 | < 0 001 | < 0 001 |
| Toluene | 0 002 | < 0 001 | < 0 001 | < 0 001 |
| Trichloroethene | 0 010 | < 0 001 | < 0 001 | < 0 001 |
| Vinyl Chloride | 0 014 | < 0 010 | < 0 010 | < 0 010 |
| Xylenes | < 0 001 | < 0 001 | < 0 001 | < 0 001 |

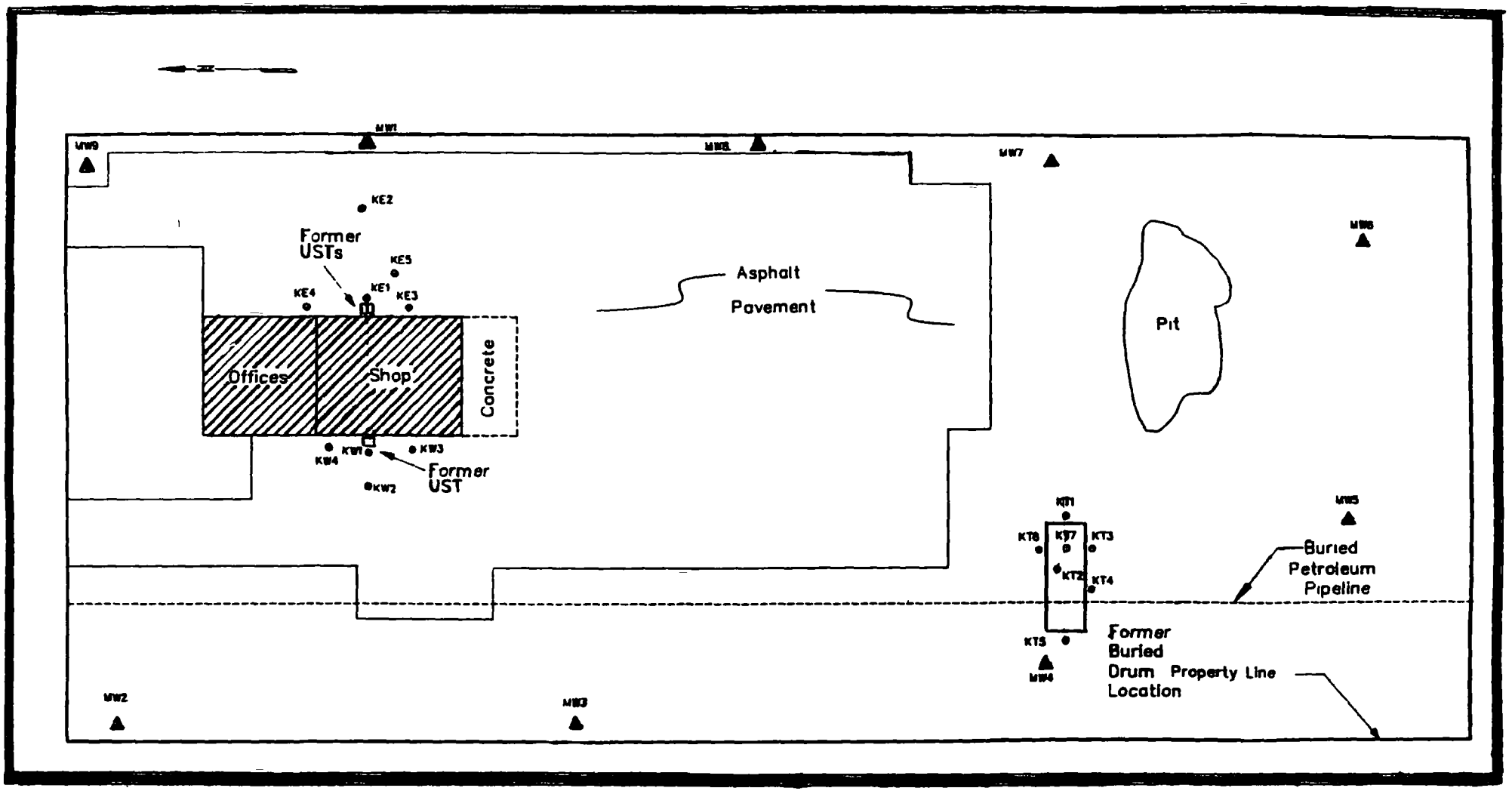
< 0 00# Less than specified detection limit (mg/l)

R1 Residential Well

Figure 1 shows the location of these samples

Over the course of the past fourteen years, there have been numerous sampling events in attempts to determine the type, amount and extent of contamination Figure 2 is a composite list of the various contaminative substances

Sheila Murphy, of the IEPA's Division of Land Pollution Control (DLPC), conducted a CERCLA site reconnaissance visit on the late morning of November 2, 1990 Miss Murphy was given consent to enter onto Kaney Transportation, Inc property and take pictures The facility appeared to be well kept and clean The lagoon area was completely fenced Below the two holding tanks, located in the lagoon, was a small amount of liquid It was not possible to determine if




SCALE

0 25 50 75

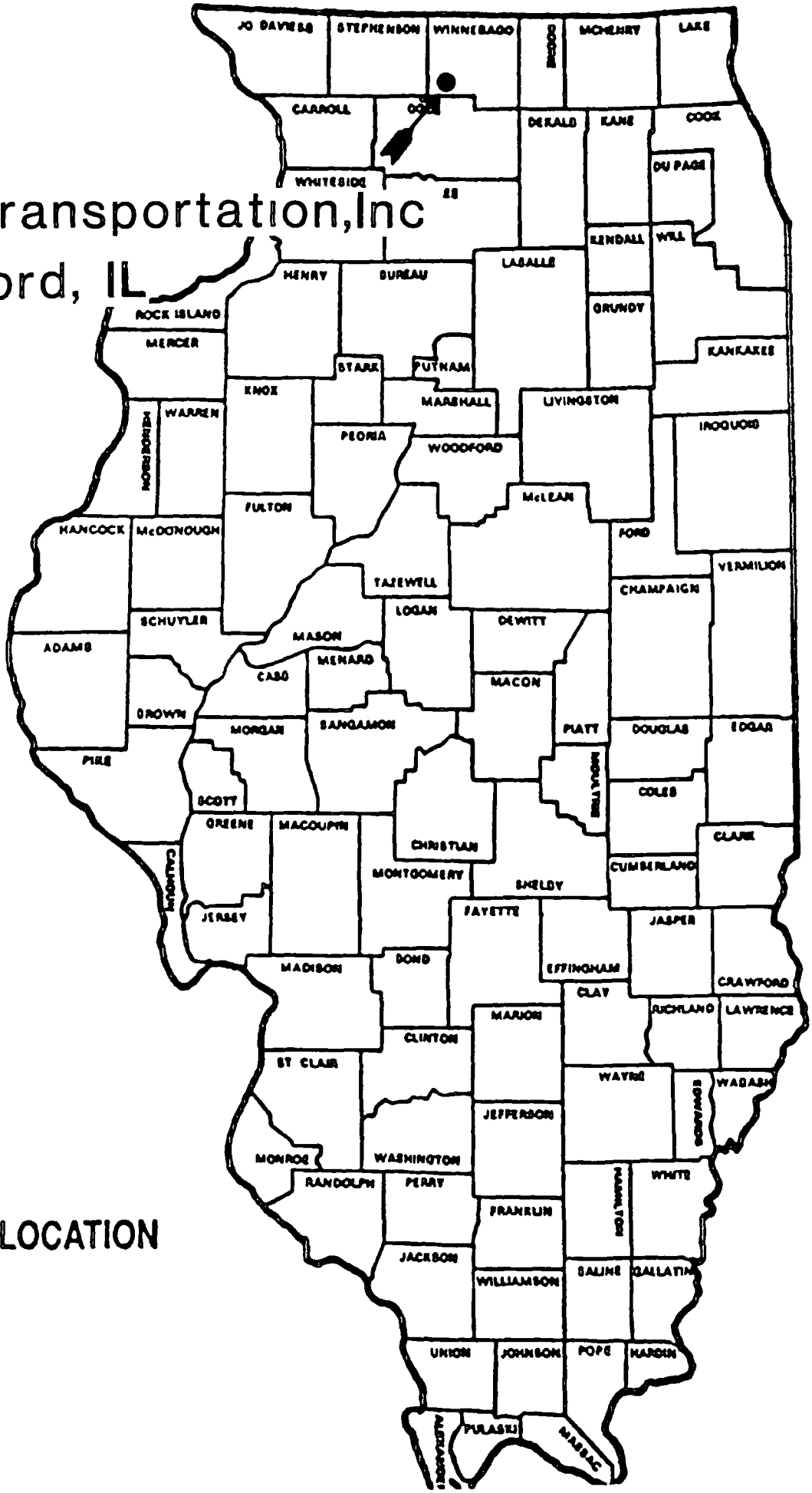
(Feet)

LEGEND

- Soil Boring Location
- Groundwater Monitoring Well

FIGURE 1

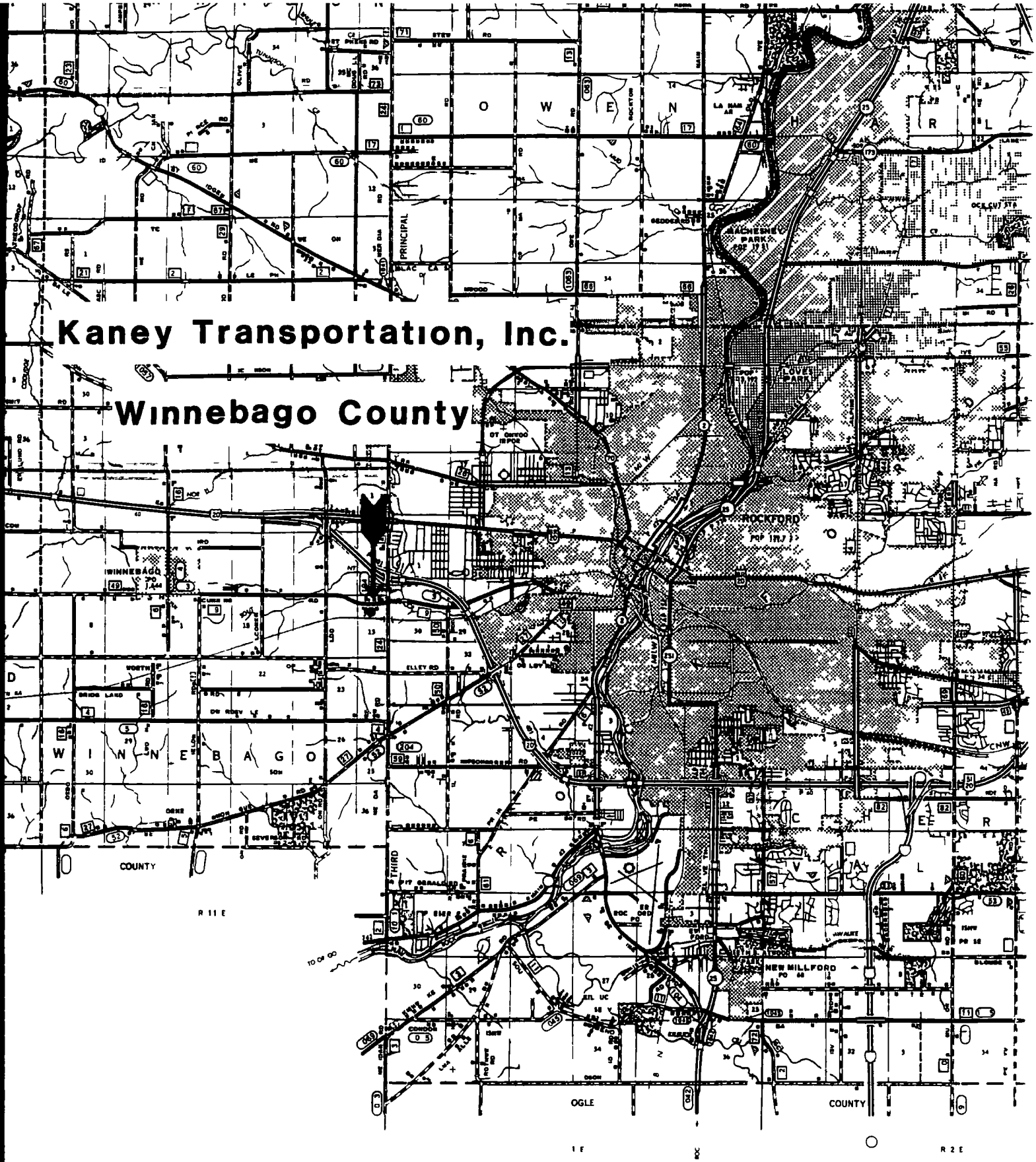
# Kaney Transportation,Inc
# Rockford, IL




SITE LOCATION

# Kaney Transportation, Inc.

# Winnebago County



KANEY TRANSPORTATION INC

All results in units of PPM

| | | | Date & Locations Taken |
|---|---|---|---|
| **VOLATILES** | | | |
| Methylene Chloride | 91 | 0 | July 19 1989 Sludge in waste oil tank |
| Acetone | 660 | 0 | July 1 1989 Sludge in waste oil tank |
| 1 2-Dichloroethene mixed | 0 | 16 | July 0 1989 Floor of the east excavation |
| Chloroform | 460 | 0 | July 19 1989 Composite sample from solvent tanks |
| 1 2-Dichloroethane | 0 | 008 | April 23 1990 Residential Well |
| 2-Butanone (MEK) | 980 | 0 | July 18 1989 Liquid Waste |
| 1 1 1-Trichloroethane | 520 | 0 | July 19 1989 Composite sample from solvent tanks |
| Carbon Tetrachloride | 980 | 0 | July 19 1989 Composite sample from solvent tanks |
| Trichloroethene | 333000 | 0 | July 19 1989 Composite sample from solvent tanks |
| Benzene | 0 | 59 | April 23 1990 Monitoring Well 88 |
| Tetrachloroethene | 2100 | 0 | July 19 1989 Composite sample from solvent tanks |
| Toluene | 28000 | 0 | July 19 1989 Composite sample from solvent tanks |
| Ethylbenzene | 8600 | 0 | July 19 1989 Composite sample from solvent tanks |
| Vinyl Chloride | 0 | 014 | April 23 1990 Residential well |
| Styrene | 0 | 026 | June 28 1990 Soil: location unknow |
| Xylene(total) | 74000 | 0 | July 19 1989 Composite sample from solvent tanks |
| cis 1 2-Dichloroethane | 0 | 79 | April 30 1990 Monitoring Well |
| **SEMIVOLATILES** | | | |
| Phenol | 20900 | 0 | July 19 1989 Composite sample from solvent tanks |
| Isophorone | 0 | 52 | July 20 1989 Stockpile from east excavation |
| Naphthalene | 110 | 0 | July 19 1989 Liquid Waste |
| Acenaphthene | 0 | 65 | July 20 1989 Stockpile east excavation |
| Fluorene | 1 | 40 | July 20 1989 Stockpile east excavation |
| N-Nitrosodiphenylamine | 1 | 40 | July 2 1989 Stockpile east excavatio |
| Phenanthrene | 3 | 10 | Jul 20 1989 Stockpile east excavatio |
| Di-n-Butylphthalate | 0 | 37 | July 26 1989 West UST excavation |
| Fluoranthene | 0 | 80 | July 20 1989 Stockpile east excavation |
| Pyrene | 0 | 80 | July 20 1989 Stockpile east excavation |
| Butylbenzylphthalate | 94 | 0 | July 17 1989 Solid waste |
| **INORGANICS** | | | |
| Arsenic | 9 | 30 | July 19 1989 Soil south of lagoon area |
| Barium | 49 | 0 | June 22 1989 Soil pile |
| Cadmium | 110 | 0 | July 19 1989 Soil south of lagoon a e |
| Chromium | 93 | 5 | July 19 1989 Soil south of lagoon area |
| Copper | 185 | 0 | July 19 1989 Soil south of lagoon area |
| Iron | 2 | 50 | April 25 1978 Discharge at east property line appro 200 southsoutheast of the lagoon |
| Lead | 223 | 0 | July 19 1989 Soil sout of lagoon area |
| Manganese | 0 | 24 | February 23 1977 Ditch appro 1000 downstream (east) of lagoon area |
| Mercury | 0 | 022 | July 19 1989 Washwate drums |
| Nickel | 35 | 50 | July 19 1989 Soil south of lagoon area |
| Zinc | 2550 | 0 | July 19 1989 Soil south of lagoon area |
| Cyanide | 0 | 96 | July 19 1989 Sludge in waste oil tank |
| Sulfate | 28 | 0 | February 22 1977 Ditch approx 1000 downstream (east) of lagoon area |
| Chloride | 50 | 0 | February 1977 Ditch appro 200 upstream of runoff from lagoon overflow |
| **OTHERS** | | | |
| Methanol | 640 | 0 | July 17 1989 Solid wast |
| Butyl Acetate | 1100 | 0 | July 18 1989 Liquid waste |
| Ethanol | 1 | 20 | July 19 1989 Washwate drums |
| 2-Ethoxyethanol Acetate | 8 | 90 | July 20 1989 Stockpile east excavatio |
| Fluoride | 9 | 90 | April 25 1978 Discharge at east prope ty line app o 200 southsoutheast of lagoo |
| Phosphorous | 13 | 0 | February 23 1977 South edge of lagoon 15 from southeast corne |
| Ammoni | 7 | 70 | February 22 1977 Ditch app ox 200 upstream of runoff from lagoo overflow |
| Dichlorodifluoromethe | 0 | 025 | June 23 1989 Bo ing 1 |

# FIGURE 2

the liquid originated from rain water or possibly a small leak from the tanks Several monitoring wells were observed Although the facility was partially surrounded by fencing, it would not be sufficient in hindering entrance

The Quarternary System of Winnebago County, approximately 20 feet thick, is constituted by emplacements of the Wisconsinan Cahokia Alluvium and Illinoian Argyle Till According to the Handbook of Illinois Stratigraphy (published in 1975) the absence of the Silurian and Maquoketa Groups in this region is attributable to erosion Beneath the Quarternary System lie dolomites of the Galena and Platteville Groups The Ancell Group is the base of the Ordovician System It is made up of a thin layer of the Glenwood Formation overlying the St Peter Sandstone Next in the stratigraphic column is the Cambrian System This consists of Potosi, Franconia, Ironton-Galesville, Eau Claire and the Mt Simon Formation At approximately 2,650 feet below the surface lies the Precambrian basement

Kaney Transportation, Inc property's elevation ranges from approximately 812 to 821 feet above mean sea level Sitting atop the Galena Platteville Group lie the surface soils down to approximately 10 feet which consist of silty clays However, not as much clay is found near the southern end of the facility because of erosion It is not uncommon to find a moist to wet sand layer adjacent to the surficial

soils Silt is the primary ingredient from 10 feet to about 28 feet For the next six feet the loam turns sandy and contains clay, silt, gravel and cobbles

Regional well logs document drinking wells using water at depths ranging any where from 34 feet to 308 feet deep However, because this aquifer does not have a confining layer, for the Hazard Ranking System (HRS) purposes, it may be considered a continuous aquifer

The closest public well lies less than two miles away This is a well for the city of Rockford Residents in the Kaney area use water from private wells The closest residential well lies approximately 40 feet from the site This home, along with at least four others, currently receives 18 gallons of bottled water every two weeks from proximal businesses (Kaney inclusive) These businesses have provided drinking water since 1986 when nearby businesses, IEPA, Illinois Department of Public Health and Winnebago County Health Department resolved these residences would be provided with bottled water The well water is used for dishwashing, bathing and laundry, though

An unnamed creek lies approximately 150 feet east of the lagoon This is where the overflows from the lagoon discharged into in the late 1970's This stream flows approximately 400 yards downstream to a private pond known as Zander's Pond Boating and fishing used to be done on the

pond This has ceased due to contamination to the pond Contamination was determined because of the odd tasting fish, the discoloration of the pond (which originated form the unnamed creek) and a large number of dead fish

From Zander's Pond the creek continues flowing in a northeastwardly direction until it runs into the North Fork Kent Creek At this point it flows to the south for approximately 260 yards where it turns to the east It continues to Levings Lake until it eventually reaches Rock River There are no surface water intakes documented within 15 miles of the surface water route

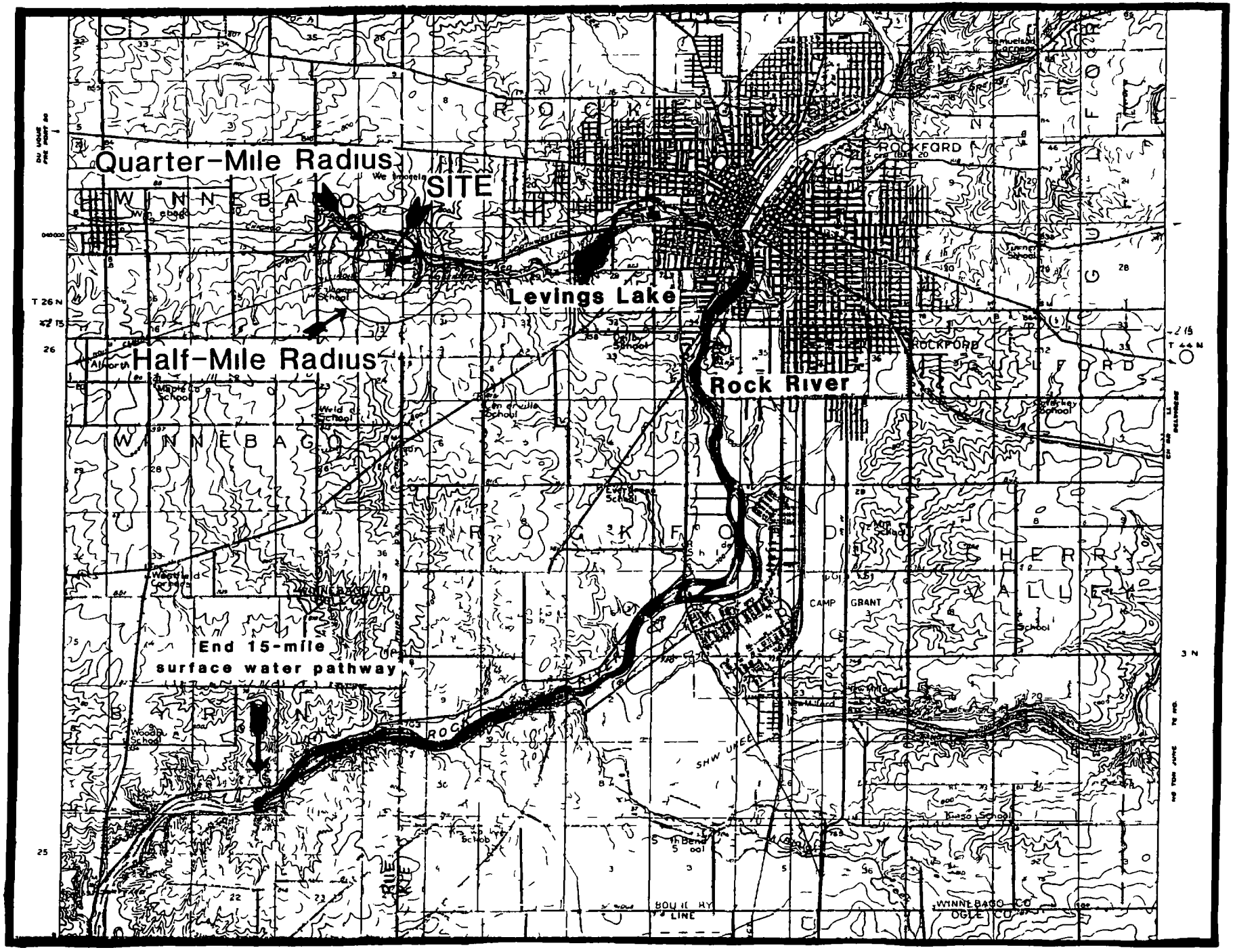
The sensitive environments of concern are the wetlands of the area There are approximately 11 acres within a 1/4 mile radius and approximately 77 acres within a 1/2 mile radius of the site Wetlands are also found along the 15-mile surface water pathway

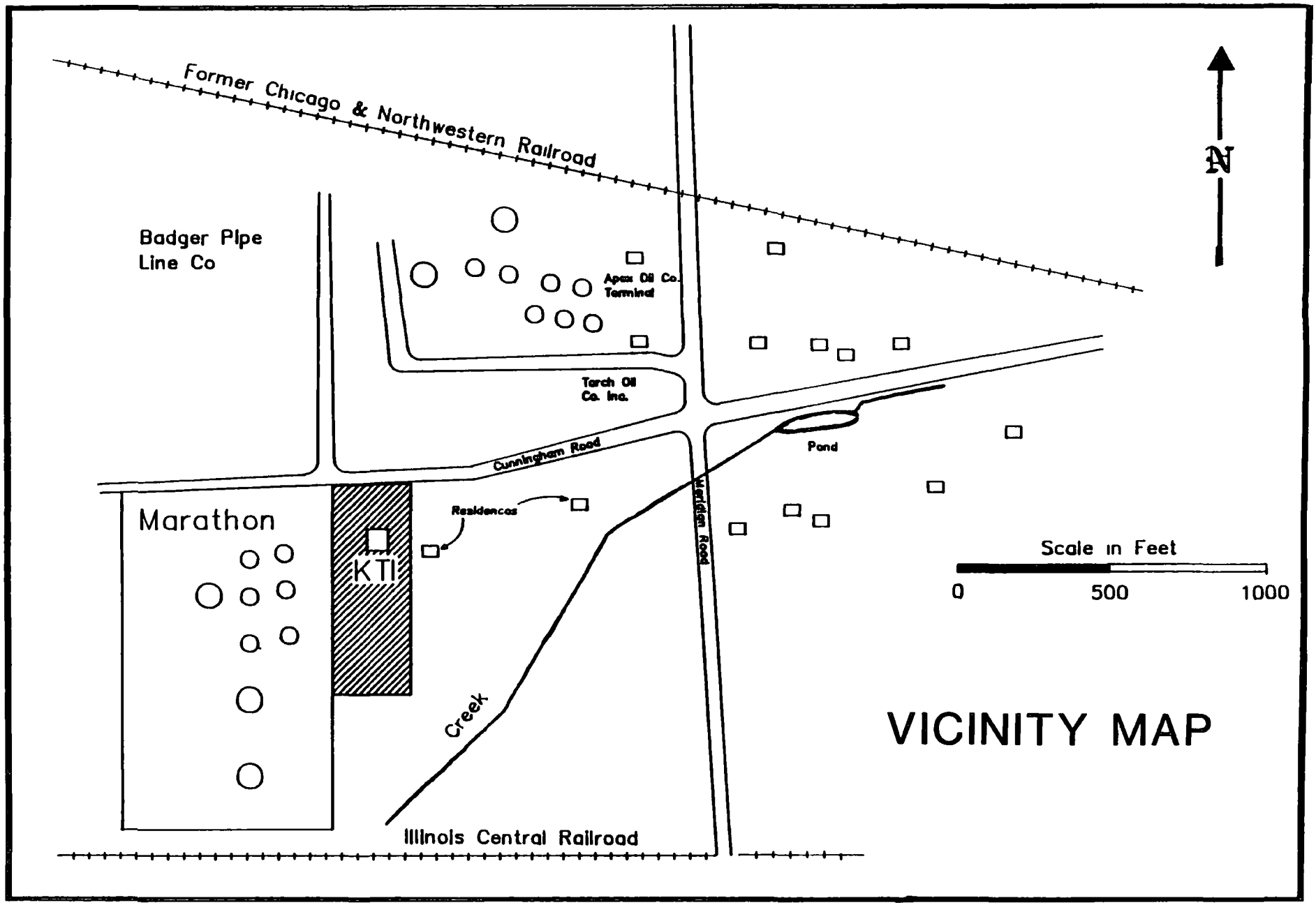
Kaney has approximately seven foot high chain-link fencing that runs along the western and northern perimeters of the facility The northern fence has a gate incorporated into it The eastern perimeter has a wooden fence running approximately a quarter of the way down from Cunningham Road The southern perimeter has no fencing The lagoon itself is completely fenced in

In response to the documented contamination to groundwater, surface water and soil this site has been assigned a

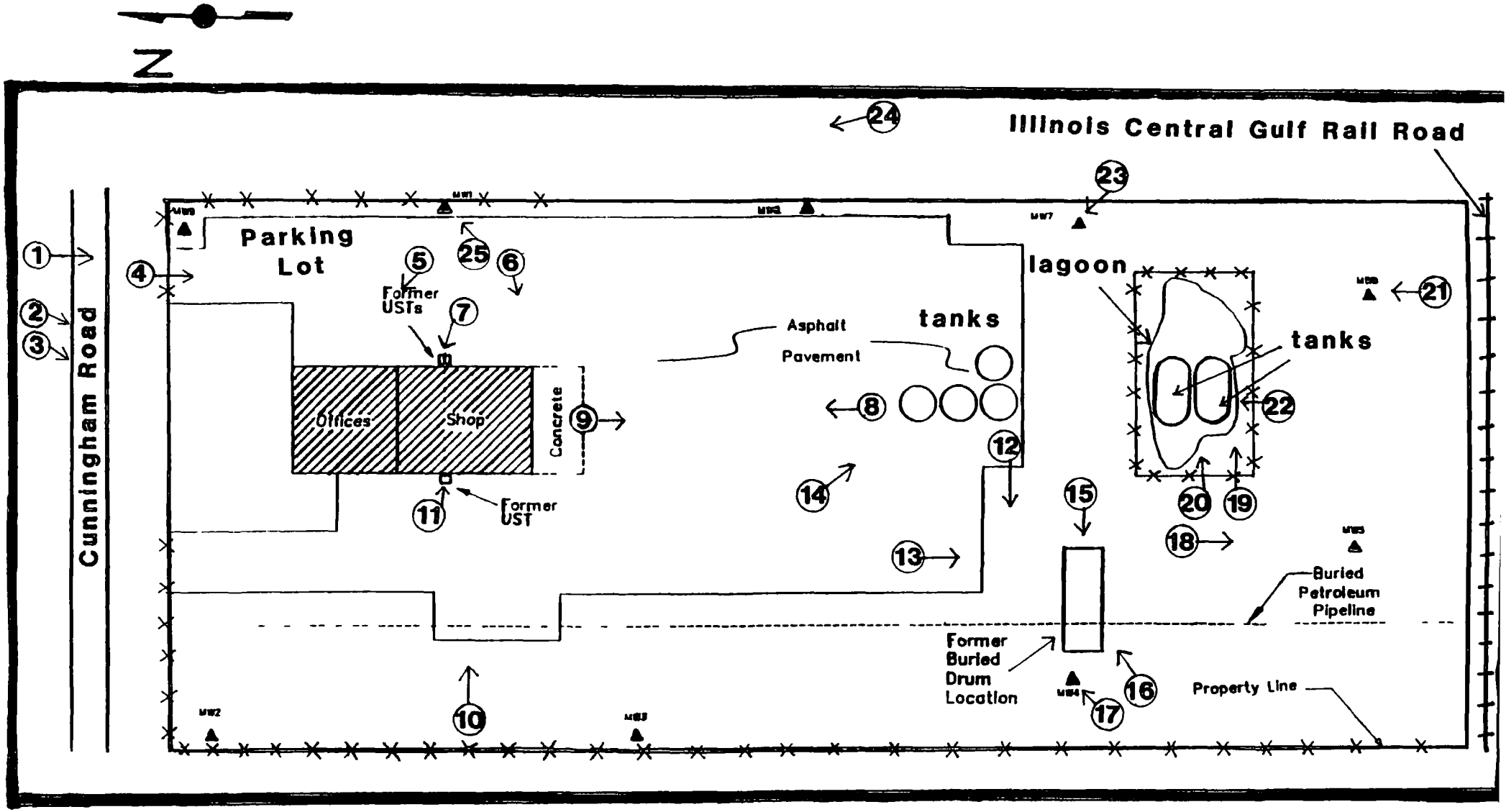
medium priority rating Further action is advised The author recommends that the USEPA Region Five offices advance this site to the screening site inspection stage of the CERCLA Preremedial process

# Surface Water Pathway






VICINITY MAP




# SITE MAP

**Not to Scale**

LEGEND

▲ Groundwater Monitoring Well

Fencing ×××××

DATE: November 2, 1990

TIME: 11:05 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 24

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

northwest

DATE: November 2, 1990

TIME: 11:05 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 25

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

northeast

DATE: November 2, 1990

TIME: 11:00 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 22

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

north

DATE: November 2, 1990

TIME: 11:00 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 23

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

northwest

DATE: November 2, 1990

TIME: 10:55 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 20

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

east

DATE: November 2, 1990

TIME: 10:55AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 21

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

north

DATE: November 2, 1990

TIME: 10:50 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 18

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

South

DATE: November 2, 1990

TIME: 10:55 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 19

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

east

DATE: November 2, 1990

TIME: 10:45 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 16

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

northeast

DATE: November 2, 1990

TIME: 10:50 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 17

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

northeast

DATE: November 2, 1990

TIME: 10:40 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 14

LOCATION: Kaney Trasportation

COMMENTS: PICTURE TAKEN TOWARD

Southeast

DATE: November 2, 1990

TIME: 10:45 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 15

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

West

DATE: November 2, 1990

TIME: 10:40 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 12

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

West

DATE: November 2, 1990

TIME: 10:40 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 13

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

South

DATE: November 2, 1990

TIME: 10:35 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 10

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

east

DATE: November 2, 1990

TIME: 10:35 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 11

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

east

DATE: November 2, 1990

TIME: 10:30 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 8

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

north

DATE: November 2, 1990

TIME: 10:30 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 9

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

South

DATE: November 2, 1990

TIME: 10:20 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 1

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

South

DATE: November 2, 1990

TIME: 10:20 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 2+3

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

south

DATE: November 2, 1990

TIME: 10:25 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 4

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

South

DATE: November 2, 1990

TIME: 10:25 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 5

LOCATION: Kaney Transportation

COMMENTS: PICTURE TAKEN TOWARD

northwest

DATE: November 2, 1990

TIME: 10:25 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 6

LOCATION: Kanny Transportation

COMMENTS: PICTURE TAKEN TOWARD

West

DATE: November 2, 1990

TIME: 10:25 AM

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTO NUMBER: 7

LOCATION: Kanny Transportation

COMMENTS: PICTURE TAKEN TOWARD

West

# Supporting

# Documentation

SUPPORTING DOCUMENTATION

| Reference Number | Document |
|---|---|
| 1 | Analytical Data taken from DLPC/Groundwater Files |
| 2 | ISWS Well Logs |
| 3 | Telephone Conversation Records Dating 11/5/90 to 2/27/91 |
| 4 | IDOC Form, February 6, 1991 |
| 5 | SCS Wetland Map |
| 6 | DLPC Complaint Form, 2/24/77, with Memo from Bob Wengrow, 3/1/77 |
| 7 | Info from Site Assessment for Falconer Well Site |
| 8 | List of residences supplied with drinking water |
| 9 | Letter to Richard Bell from Gary Reside, DLPC/Sf Tech File 10/12/90 |

D073868

# REFERENCE NUMBER 1

AGENCY USE ONLY

## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM



RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE 36 M ___ / D ___ / Y 41 FEDERAL ID NUMBER IL0064006901

SITE INVENTORY NUMBER 7 0 1 0 3 0 0 7 1 (9–18) MONITOR POINT NUMBER X 1 0 1 (19–22) (see Instructions)

REGION 1 CO Winnebago DATE COLLECTED 0 6 2 2 8 9 (23 M D Y 28)

Rockford / Kaney Transp., Inc IEPA LAB X (29) (see Instructions)

LOCATION / RESPONSIBLE PARTY

**FOR IEPA USE ONLY** COMPLAINT NO C 8 9 9 2 R

DATE RECEIVED 42 M ___ / D ___ / Y 47

SAMPLING PURPOSE CODE 7 (48) (see Instructions)

TIME CARD PROGRAM CODE L P 5 Q (49–52) & UNIT CODE J (53)

BACKGROUND SAMPLE (X) 54 TIME COLLECTED (24 HR CLOCK) 1 2 5 9 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions) 59

MONITOR POINT SAMPLED BY Q (60) (see Instructions) OTHER (SPECIFY) Tongue depresser

SAMPLE FIELD FILTERED INORGANICS (X) 61 ORGANICS (X) 62

SAMPLE APPEARANCE B R O W N / B L A C K S O I L (63–102)

COLLECTOR COMMENTS N O N E (103–142)

SPECIAL INSTRUCTIONS TO LAB PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ flash point + VOC scan

Thomas McNamee (COLLECTED BY) TJM (143 INITIALS 145) IEPA/DLPC (DIVISION OR COMPANY) VPS (TRANSPORTED BY) ___ (DIVISION OR COMPANY)

**LAB USE ONLY**

LAB SAMPLE NO D073868 LAB NAME Springfield LAB ID NO 146 – 149

DATE RECEIVED JUN 28 1989 AND ADDRESS

TIME RECEIVED

SAMPLE TEMP OKAY (Y/N) SAMPLE PROPERLY PRESERVED (Y/N) DATE COMPLETED ___ FORWARD 8-3-89

LAB COMMENTS 150 – 199

SUPERVISOR SIGNATURE

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 7 2 0 1 9 (10–14) | 15 | 16 | 17 | 18–27 | | 28 |
| ELEVATION OF GW SURFACE (ft ref MSL) | 508F | 7 1 9 9 3 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 7 2 0 0 8 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 0 0 4 3 1 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 0 0 0 9 0 | | | | | | |
| pH (units) Field | 500F | 0 0 4 0 0 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 0 0 0 9 4 | | | | | | |
| TEMP OF WATER SAMPLE (C) Field | 502F | 0 0 0 1 0 | | | | | | |
| RECEIVED | | | | | | | | |
| - 7 AUG 1989 | | | | | | | | |

IEPA/DLP

LPC 160 3 84

002 002

[illegible] ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER [illegible]
SAMPLING POINT ESC ROCKFORD/RAMEY TRANSP [illegible]/X101

[illegible] SOURCE SITE # 2010300071
DATE COLLECTED [illegible] TIME COLLECTED 1259 SAMPLING PROGRAM

COLLECTED BY THOMAS [illegible] DELIVERED BY CMS
COMMENTS [illegible] POINT NO VOC SCAN
FUNDS CODE [illegible] AGENCY ROUTING -- UNIT CODE
SAM TYPE CODE SAMPLE PURPOSE CODE 3 REPORTING INDICATOR

DATE RECEIVED [illegible] TIME RECEIVED 1000 RECEIVED BY CMS
LAB OBSERVATIONS 1-SOIL SOIL TRIP BL SAM#
SUPERVISORS INITIALS JTH NOTE K = LESS THAN VALUE

| | | | | |
|---|---|---|---|---|
| [illegible] | CHLOROMETHANE | UG/G | 1 | 0K |
| [illegible] | [illegible] | UG/G | 1 | 0K |
| [illegible] | [illegible] | UG/G | 1 | 0K |
| [illegible] | CHLOROETHANE | UG/G | 1 | 0K |
| [illegible] | METHYLENE CHLORIDE | UG/G | 0 | 5K |
| [illegible] | ACETONE | UG/G | 1 | 0K |
| [illegible] | TRICHLOROFLUOROMETHANE | UG/G | 0 | 5K |
| 77-77 | BROMOCHLOROMETHANE | UG/G | 0.5K | |
| 77041 | CARBON DISULFIDE | UG/G | 0 | 5K |
| [illegible] | 1,1-DICHLOROETHYLENE | UG/G | 0.5K | |
| [illegible] | 1,1-DICHLOROETHANE | UG/G | 0.5K | |
| [illegible] | TRANS-1,2-DICHLOROETHYLENE | UG/G | 0.5K | |
| 77093 | CIS-1,2-DICHLOROETHYLENE | UG/G | 0.5K | |
| [illegible] | CHLOROFORM | UG/G | 0.5K | |
| [illegible] | 1,2-DICHLOROETHANE | UG/G | 0.5K | |
| [illegible] | 2-BUTANONE(MEK) | UG/G | 3 | 5 |
| [illegible] | 1,1,1-TRICHLOROETHANE | UG/G | 0 | 5K |
| [illegible] | CARBON TETRACHLORIDE | UG/G | 0.5K | |
| 77057 | VINYL ACETATE | UG/G | 1 | 0K |
| [illegible] | DICHLOROBROMOMETHANE | UG/G | 0.5K | |
| [illegible] | 1,2-DICHLOROPROPANE | UG/G | 0.5K | |
| [illegible] | CIS-1,3-DICHLOROPROPENE | UG/G | 0.5K | |
| [illegible] | TRICHLOROETHYLENE | UG/G | 0 | 5K |
| [illegible] | CHLORODIBROMOMETHANE | UG/G | 0.5K | |
| [illegible] | 1,1,2-TRICHLOROETHANE | UG/G | 0.5K | |
| [illegible] | BENZENE | UG/G | 0.5K | |
| [illegible] | TRANS-1,3-DICHLOROPROPENE | UG/G | 0.5K | |
| [illegible] | 2-CHLOROETHYLVINYL ETHER | UG/G | 0 | 5K |
| [illegible] | BROMOFORM | UG/G | 0 | 5K |

# REFERENCE NUMBER 01

[illegible]

| | | | |
|---|---|---|---|
| A78100 | 4-METHYL-2-PENTANONE(MIBK) | UG/G | 1.0K |
| A77100 | 2-HEXANONE(MBK) | UG/G | 1.0K |
| A54475 | TETRACHLOROETHYLE | UG/G | 0.5K |
| A54510 | 1,1,2,2-TETRACHLOROETHANE | G/G | 0.5K |
| A78101 | TOLUENE | UG/G | 27 |
| A54501 | CHLOROBENZENE | UG/G | 0.5K |
| A78110 | ETHYLBENZENE | UG/G | 65 |
| A77120 | STYRENE | UG/G | 26 |
| A61551 | XYLENE | UG/G | 310 |

SAMPLE NOT AVAILABLE TO FLASH POINT IGNITED
WITH DIFFICULTY AND BURNED BRIEFLY
THE FOLLOWING QUANTITATIONS ARE APPROXIMATE

ALIPHATIC HYDROCARBONS UG/G , 4500
OTHER ORGANIC COMPOUNDS UG/G , 4900

D073869

AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

Page 1 of ___

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE: 36 M __/__ D __/__ Y 41

FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: 201030007 1 (9–18)

MONITOR POINT NUMBER: X 1 0 2 (19–22) (see Instructions)

REGION: 1 CO: Winnebago

DATE COLLECTED: 06/22/89 (23 M D Y 28)

Rockford / Kaney Transp., Inc

LOCATION / RESPONSIBLE PARTY

IEPA LAB (see Instructions): 29

FOR IEPA USE ONLY — COMPLAINT NO: C 8 9 9 3 R

DATE RECEIVED: 42 M __/__ D __/__ Y 47

SAMPLING PURPOSE CODE: 3 (48) (see Instructions)

TIME CARD PROGRAM CODE: L P 5 2 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X): 54

TIME COLLECTED (24 HR CLOCK): 1 3 0 1 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions): 59

MONITOR POINT SAMPLED BY (see Instructions): Q (60) Tongue Depressor OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X): 61 ORGANICS (X): 62

SAMPLE APPEARANCE: 63 BRØWN SØIL 102

COLLECTOR COMMENTS: 103 NØNE 142

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ Flash point + VOC scan

Thomas McNamee (COLLECTED BY) TJM (143–145) INITIALS — IEPA/DLPC (DIVISION OR COMPANY) — VPS (TRANSPORTED BY) — DIVISION OR COMPANY

LAB USE ONLY

LAB SAMPLE NO: D073869 LAB NAME: [illegible] LAB ID NO: 146 — 149

DATE RECEIVED: JUN 28 1989 AND ADDRESS:

TIME RECEIVED:

SAMPLE TEMP OKAY (Y/N) SAMPLE PROPERLY PRESERVED (Y/N) DATE COMPLETED ___ FORWARD: 8-3-89

LAB COMMENTS: 150 199

J Hurley

SUPERVISOR SIGNATURE

RECORD CODE: L P C S M 0 2 (1) TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 (30–34) | 35 | 36 | 37 | 38 | | 39 |
| ELEVATION OF GW SURFACE (ft ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| RECEIVED | | | | | | | | |
| - 7 AUG 1989 | | | | | | | | |

[illegible] penalty up to $25,000 for each day [illegible] $1,000.00 and imprisonment up to one [illegible] This form has been approved by the Forms Management Center

IL 532 1218
LPC 160 3 84

IEPA/DLPC

002 002

REFERENCE NUMBER 01

ELL DI ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER 0975559
SAMPLING POINT DESC ROCKFORD/KARTY TRANSP INC/X102

SUBMITTING SOURCE SITE # 2010300071
DATE COLLECTED 09 6 22 TIME COLLECTED 1301 SAMPLING PROGRAM

COLLECTED BY THOMAS MCNAMEE DELIVERED BY CMS
COMMENTS FLASH POINT AND VOC SCAN
FUNDING CODE LP52 AGENCY ROUTING -- UNIT CODE
SAM TYPE CODE SAMPLE PURPOSE CODE 5 REPORTING INDICATOR

DATE RECEIVED 090520 TIME RECEIVED 1000 RECEIVED BY D V
LAB OBSERVATIONS 1-50L SOIL TRIP BL SAM#
SUPERVISORS INITIALS JTH NOTE K - LESS THAN VALUE

| | | | |
|---|---|---|---|
| A34410 | CHLOROMETHANE | UG/G | 1.0K |
| A34413 | BROMOMETHANE | UG/G | 1.0K |
| A39170 | VINYL CHLORIDE | UG/G | 1 0K |
| A34311 | CHLOROETHANE | UG/G | 1 0K |
| A34420 | ETHYLENE CHLORIDE | UG/G | 0 5K |
| A81552 | ACETONE | UG/G | 1 0K |
| A34488 | TRICHLOROFLUOROMETHANE | UG/G | 0 5K |
| A77277 | BROMOCHLOROMETHANE | UG/G | 0 5K |
| A77041 | CARBON DISULFIDE | UG/G | 0 5K |
| A34501 | 1,1-DICHLOROETHYLENE | UG/G | 0 5K |
| A34496 | 1,1-DICHLOROETHANE | UG/G | 0 5K |
| A34546 | TRANS-1,2-DICHLOROETHYLENE | UG/G | 0 5K |
| A77093 | CIS-1,2-DICHLOROETHYLENE | UG/G | 0 5K |
| A32106 | CHLOROFORM | UG/G | 0 5K |
| A34531 | 1,2-DICHLOROETHANE | UG/G | 0.5K |
| A81595 | 2-BUTANONE(MEK) | UG/G | 160 |
| A34506 | 1,1,1-TRICHLOROETHANE | UG/G | 0 5K |
| A32102 | CARBON TETRACHLORIDE | UG/G | 0.5K |
| A77057 | VINYL ACETATE | UG/G | 1.0K |
| A32101 | DICHLOROBROMOMETHANE | UG/G | 0.5K |
| A34541 | 1,2-DICHLOROPROPANE | UG/G | 0.5K |
| A34704 | CIS-1,3-DICHLOROPROPENE | UG/G | 0.5K |
| A39180 | TRICHLOROETHYLENE | UG/G | 0.5K |
| A32105 | CHLORODIBROMOMETHANE | UG/G | 0 5K |
| A34511 | 1,1,2-TRICHLOROETHANE | UG/G | 0.5K |
| A76124 | BENZENE | UG/G | 0.5K |
| A34699 | TRANS-1,3-DICHLOROPROPENE | UG/G | 0.5K |
| A34578 | 2-CHLOROETHYLVINYL ETHER | UG/G | 0.5K |
| A32104 | BROMOFORM | UG/G | 0 5K |

AMPLE NUMBER [illegible]

| | | | |
|---|---|---|---|
| A76103 | 4-METHYL-2-PENTANONE(MIBK) | UG/G | 1 0K |
| A77100 | 2-HEXANONE(MBK) | UG/G | 1.0K |
| A34470 | TETRACHLOROETHYLENE | UG/G | 0.5K |
| A34515 | 1,1,2,2-TETRACHLOROETHANE | UG/G | 0 5K |
| A76131 | TOLUENE | UG/G | 15 |
| A34301 | CHLOROBENZENE | UG/G | 0 5K |
| A76110 | ETHYLBENZENE | UG/G | 200 |
| A77120 | STYRENE | UG/G | 0.5K |
| A81551 | XYLENE | UG/G | 110 |

SAMPLE NOT AMENABLE TO FLASH POINT. ~~IGNITED~~ (~~IN FLASH POINT~~ IGNITED SLOWLY AND BURNED BRIEFLY)
THE FOLLOWING QUANTITATIONS ARE APPROXIMATE

| | | |
|---|---|---|
| 35-SUBSTITUTED BENZENES | UG/G , | 590 |
| ALIPHATIC HYDROCARBONS | UG/G , | 26000 |
| OTHER ORGANIC COMPOUNDS | UG/G , | 590 |

JH

D073870

REFERENCE NUMBER 01

AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

Page 1 of 1

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE (36) M __ / D __ / Y (41) FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: 2010300071 (9–18) MONITOR POINT NUMBER (see Instructions): X201 (19–22)

REGION: 1 CO: Winnebago DATE COLLECTED: 06/22/89 (23 M D Y 28)

LOCATION: Rockford RESPONSIBLE PARTY: Kaney Transp., Inc IEPA LAB (see Instructions): X (29)

FOR IEPA USE ONLY

COMPLAINT NO: C8993R

DATE RECEIVED (42) M __ / D __ / Y (47)

SAMPLING PURPOSE CODE (see Instructions): 3 (48)

TIME CARD PROGRAM CODE: LP52 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X) (54) TIME COLLECTED (24 HR CLOCK): 1243 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions) (59)

MONITOR POINT SAMPLED BY (see Instructions): O (60) OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X) (61) ORGANICS (X) (62)

SAMPLE APPEARANCE (63): BLACK; TAR, VISCOUS (102)

COLLECTOR COMMENTS (103): NONE (142)

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐ USE SW-846 PROCEDURES YES X NO ___ ~~Flash~~ + VOC scan + flash point

| COLLECTED BY | INITIALS | DIVISION OR COMPANY | TRANSPORTED BY | DIVISION OR COMPANY |
|---|---|---|---|---|
| Thomas McNamee | TJM (143–145) | IEPA/DLPC | UPS | |

LAB USE ONLY

LAB SAMPLE NO: D073870 LAB NAME: Spyed LAB ID NO (146–149)

DATE RECEIVED: JUN 28 1989 AND ADDRESS:

TIME RECEIVED:

SAMPLE TEMP OKAY (Y/N) SAMPLE PROPERLY PRESERVED (Y/N) DATE COMPLETED: ___ FORWARD: 8-3-89

LAB COMMENTS (150) (199)

SUPERVISOR SIGNATURE: D Hurley

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 (10–14) | (15) | (36) | (37) | (38) | (39) | (40) |
| ELEVATION OF GW SURFACE (ft ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

RECEIVED 7 AUG 1989

Notice: Section 1005 of the Illinois Environmental Protection Act, Ill. Revised Statutes, 1979 Chapter 111 1/2 Section 1005 and 1021 Disclosure: This information is required under Section 50 of the Act. Failure to comply may result in civil penalty up to $25,000 for each day the violation continues, and up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IL 32 1718
LPC 160 3/84

IEPA/DLPC

002 002

D073869

AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

Page 1 of ___

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE: 36 M / D / Y 41 FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: 2 0 1 0 3 0 0 0 7 1 (9–18) MONITOR POINT NUMBER: X 1 0 2 (19–22) (see Instructions)

REGION: 1 CO: Winnebago DATE COLLECTED: 06/22/89 (23 M D Y 28)

Rockford / Kaney Transp., Inc

LOCATION RESPONSIBLE PARTY IEPA LAB (see Instructions) 29

FOR IEPA USE ONLY COMPLAINT NO: C 8 9 9 3 R

DATE RECEIVED: 42 M / D / Y 47

SAMPLING PURPOSE CODE: 3 (48) (see Instructions)

TIME CARD PROGRAM CODE: L P 5 2 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X) 54 TIME COLLECTED (24 HR CLOCK): 1 3 0 1 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions) 59

MONITOR POINT SAMPLED BY (see Instructions): Q (60) Tongue Depressor OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X) 61 ORGANICS (X) 62

SAMPLE APPEARANCE: 63 BROWN SOIL 102

COLLECTOR COMMENTS: 103 NONE 142

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ Flash Point + VOC scan

Thomas McNamee (COLLECTED BY) TJM (143–145) INITIALS IEPA/DLPC (DIVISION OR COMPANY) VPS (TRANSPORTED BY) (DIVISION OR COMPANY)

LAB USE ONLY

LAB SAMPLE NO: D073869 LAB NAME: [illegible] LAB ID NO: 146 149

DATE RECEIVED: JUN 28 1989 AND ADDRESS:

TIME RECEIVED:

SAMPLE TEMP OKAY (Y/N) SAMPLE PROPERLY PRESERVED (Y/N) DATE COMPLETED ___ FORWARD: 8-3-89

LAB COMMENTS: 150 199

J Hurley

SUPERVISOR SIGNATURE

RECORD CODE: L P C S M 0 2 TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 (30–34) | 35 | 36 | 37 | 38 | | 39 |
| ELEVATION OF GW SURFACE (ft ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE °C Field | 502F | 00010 | | | | | | |
| RECEIVED | | | | | | | | |
| 7 AUG 1989 | | | | | | | | |

[illegible] 979 [illegible] Section 1 04 and [illegible] Disclosure [illegible] penalty up $25,000 or each day the [illegible] $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center

IL 32 1218 L C

IEPA/DLPC

002 002

REFERENCE NUMBER 01

SAMPLE NUMBER 47[illegible]

| | | |
|---|---|---|
| A78133 4-ETHYL-2-PENTANONE(MIBK) | UG/G | 1 0K |
| A77103 2-HEXANONE(MIBK) | UG/G | 1 0K |
| A34475 TETRACHLOROETHYLE | UG/G | 0 5K |
| A34510 1,1,2,2-TETRACHLOROETHANE | UG/G | 0 5K |
| A78131 TOLUE | UG/G | 27 |
| A34301 CHLOROBENZENE | UG/G | 0 5K |
| A78113 ETHYLBENZENE | UG/G | [illegible] |
| A77123 STYRENE | UG/G | [illegible] |
| A81551 XYLENE | UG/G | 310 |

SAMPLE NOT ANALYZED TO FLASH POINT IGNITED
WITH DIFFICULTY AND BURNED BRIEFLY
THE FOLLOWING QUANTITATIONS ARE APPROXIMAT

| | |
|---|---|
| ALIPHATIC HYDROCARBONS | UG/G , 4500 |
| OTHER ORGANIC COMPOUNDS | UG/G , 4900 |

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER 097
SAMPLING POINT DESC ROCKFORD/KARLY TRANSP C/X101

SUBMITTING SOURCE STTE # 2010300071
DATE COLLECTED [illegible] TIME COLLECTED 1259 SAMPLING PROGRAM

COLLECTED BY THOMAS M [illegible] DELIVERED BY CMS
COMMENTS FLASH POINT AND VOC SCAN
FUNDING CODE [illegible] AGENCY ROUTING -- UNIT CODE
SAM TYPE [illegible] SAMPLE PURPOSE CODE 3 REPORTING INDICATOR

DATE RECEIVED [illegible] TIME RECEIVED 1000 RECEIVED BY CMS
LAB OBSERVATIONS 1-[illegible] SOIL TRIP BL SAM#
SUPERVISORS INITIALS [illegible] NOTE K = LESS THAN VALUE

| | | | |
|---|---|---|---|
| A34410 | CHLOROMETHANE | UG/G | 1 0K |
| A34411 | BROMOMETHANE | UG/G | 1 0K |
| A39175 | VINYL CHLORIDE | UG/G | 1 0K |
| A34311 | CHLOROETHANE | UG/G | 1 0K |
| A34420 | METHYLENE CHLORIDE | UG/G | 0 5K |
| A81552 | ACETONE | UG/G | 1 0K |
| A34488 | TRICHLOROFLUOROMETHANE | UG/G | 0 5K |
| A77277 | BROMOCHLOROMETHANE | UG/G | 0 5K |
| A77041 | CARBON DISULFIDE | UG/G | 0 5K |
| A34501 | 1,1-DICHLOROETHYLENE | UG/G | 0 5K |
| A34495 | 1,1-DICHLOROETHANE | UG/G | 0 5K |
| A34545 | TRANS-1,2-DICHLOROETHYLENE | UG/G | 0 5K |
| A77093 | CIS-1,2-DICHLOROETHYLENE | UG/G | 0 5K |
| A32100 | CHLOROFORM | UG/G | 0.5K |
| A34531 | 1,2-DICHLOROETHANE | UG/G | 0 5K |
| A81595 | 2-BUTANONE (MEK) | UG/G | 3 5 |
| A34505 | 1,1,1-TRICHLOROETHANE | UG/G | 0 5K |
| A32102 | CARBON TETRACHLORIDE | UG/G | 0 5K |
| A77057 | VINYL ACETATE | UG/G | 1 0K |
| A32101 | DICHLOROBROMOMETHANE | UG/G | 0 5K |
| A34541 | 1,2-DICHLOROPROPANE | UG/G | 0 5K |
| A34704 | CIS-1,3-DICHLOROPROPENE | UG/G | 0 5K |
| A39100 | 1,2-DICHLOROETHYLENE | UG/G | 0 5K |
| A32105 | CHLORODIBROMOMETHANE | UG/G | 0 5K |
| A34511 | 1,1,2-TRICHLOROETHANE | UG/G | 0 5K |
| A78124 | [illegible] | UG/G | 0 5K |
| A34699 | TRANS-1,3-DICHLOROPROPENE | UG/G | 0 5K |
| A34577 | 2-CHLOROETHYLVINYLETHER | UG/G | 0 5K |
| A32104 | BROMOFORM | UG/G | 0 5K |

DU73060

# REFERENCE NUMBER 01

AGENCY USE ONLY

## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

Page 1 of ___

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE (36) M ___ / D ___ / Y (41)

FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: Z 0 1 0 3 0 0 0 7 1 (9–18)

MONITOR POINT NUMBER (see Instructions): X 1 0 1 (19–22)

REGION: 1 CO: Winnebago

DATE COLLECTED (23) M 06 / D 22 / Y 89 (28)

Rockford / Kaney Transp, Inc

LOCATION / RESPONSIBLE PARTY

IEPA LAB (see Instructions): X (29)

FOR IEPA USE ONLY

COMPLAINT NO: C 8 9 9 2 R

DATE RECEIVED (42) M ___ / D ___ / Y (47)

SAMPLING PURPOSE CODE (see Instructions): 3 (48)

TIME CARD PROGRAM CODE: L P 5 2 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X) (54)

TIME COLLECTED (24 HR CLOCK): 1 2 5 9 (55 H – M 58)

UNABLE TO COLLECT SAMPLE (see Instructions) (59)

MONITOR POINT SAMPLED BY (see Instructions): Q (60) OTHER (SPECIFY): Tongue depresser

SAMPLE FIELD FILTERED INORGANICS (X) (61) ORGANICS (X) (62)

SAMPLE APPEARANCE: (63) B R O W N / B L A C K S O I L (102)

COLLECTOR COMMENTS: (103) N O N E (142)

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ flash point + VOC scan

| COLLECTED BY | INITIALS (143–145) | DIVISION OR COMPANY | TRANSPORTED BY | DIVISION OR COMPANY |
|---|---|---|---|---|
| Thomas McNamee | T J M | IEPA/DLPC | VPS | |

LAB USE ONLY

LAB SAMPLE NO: D073868

LAB NAME AND ADDRESS: Springfield

LAB ID NO (146–149)

DATE RECEIVED: JUN 28 1989

TIME RECEIVED: PM

SAMPLE TEMP OKAY (Y/N) SAMPLE PROPERLY PRESERVED (Y/N) DATE COMPLETED ___ FORWARD 8-3-89

LAB COMMENTS (150)

(199) SUPERVISOR SIGNATURE: J Hurley

RECORD CODE: 1 P C S M 0 2 TRANS CODE: A (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 (10–14) | 15 | 16 | 17 | 38 | | 39 |
| ELEVATION OF GW SURFACE (ft ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (C) Field | 502F | 00010 | | | | | | |

RECEIVED

- 7 AUG 1989

IEPA/DLP

X201?

SAMPLE NUMBER [illegible]973

| | | | |
|---|---|---|---|
| A7813[illegible] | 4-[illegible]THYL-2-P[illegible]TANONE(M[illegible]K) | UG/G | 1 0K |
| A7710[illegible] | 2-[illegible] (M[illegible]K) | UG/ | 1 0K |
| A3447[illegible] | TETRACHLOROETHYL[illegible] | UG/G | 0.5K |
| A3451[illegible] | 1,1,2,2-TETRACHLOROETHANE | UG/G | 0 5K |
| A7813[illegible] | TOLUENE | UG/G | 15 |
| A3430[illegible] | CHLOROBENZENE | UG/G | 0 5K |
| A7811[illegible] | ETHYL[illegible] | UG/G | [illegible]00 |
| A7712[illegible] | STYRENE | UG/G | 0 5K |
| A3155[illegible] | XYLENE | UG/G | 110 |

SAMPLE [illegible] FLASH POINT [illegible] (IF [illegible] IGNITE [illegible] [illegible]-LY)
THE [illegible] TITATIONS ARE APPROXIMATE

| | | |
|---|---|---|
| [illegible] | UG/G | [illegible] |
| ALIPHATIC HYDROCARBONS | UG/G | 28000 |
| OTHER [illegible] | UG/G | [illegible] |

JH

# REFERENCE NUMBER 01

LLI [illegible] ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER [illegible]
SAMPLING POINT [illegible] [illegible]/KAR Y TRANSP INC/X102

SUBMITTING SOURCE SITE # [illegible]010303071
DATE COLLECTED [illegible] TIME COLLECTED 1301 SAMPLING PROGRAM

COLLECTED BY THOMAS MCNAMEE DELIVERED BY CMS
COMMENTS [illegible] SHIPPOINT AND VOC SCAN
FUNDING CODE [illegible] AGENCY ROUTING -- UNIT CODE
SAM TYPE CODE SAMPLE PURPOSE CODE 3 REPORTING INDICATOR

DATE RECEIVED [illegible] TIME RECEIVED 1000 RECEIVED BY D V
LAB OBSERVATIONS 1- [illegible] TRIP L SAM#
SUPERVISOR'S INITIALS [illegible] NOTE K - LESS THAN VALUE

| | | | |
|---|---|---|---|
| A34413 | CHLOROMETHANE | UG/G | 1 0K |
| A34413 | BROMO THANE | UG/G | 1 0K |
| A39173 | VINYL CHLORIDE | UG/G | 1 0K |
| A34311 | CHLORO THANE | UG/G | 1 0K |
| A34423 | METHYLENE CHLORIDE | UG/G | 0 5K |
| A31552 | ACETONE | UG/G | 1 0K |
| A34488 | TRICHLOROFLUOROMETHANE | UG/G | 0 5K |
| A77277 | BROMOCHLOROMETHANE | UG/G | 0.5K |
| A77041 | CARBON DISULFIDE | UG/G | 0 5K |
| A34501 | 1,1-DICHLORO THYLENE | UG/G | 0 5K |
| A34496 | 1,1-DICHLORO THANE | UG/G | 0 5K |
| A34546 | TRANS-1,2-DICHLOROETHYLENE | UG/G | 0 5K |
| A77093 | CIS-1,2-DICHLORO THYLENE | UG/G | 0 5K |
| A32100 | CHLOROFORM | UG/G | 0 5K |
| A34551 | 1,2-DICHLOROETHANE | UG/G | 0 5K |
| A31593 | 2-BUTANONE(MEK) | UG/G | 150 |
| A34505 | 1,1,1-TRICHLOROETHAN | UG/G | 0 5K |
| A32102 | CARBON T TRACHLORIDE | UG/G | 0 5K |
| A77057 | VINYL ACETATE | UG/G | 1 0K |
| A32101 | DICHLOROBROMOMETHANE | UG/G | 0 5K |
| A34541 | 1,2-DICHLOROPROPANE | UG/G | 0 5K |
| A34704 | CIS-1,3-DICHLOROPROPENE | UG/G | 0 5K |
| A39180 | TRICHLOROETHYLENE | UG/G | 0 5K |
| A32105 | CHLORODIBROMOMETHANE | UG/G | 0 5K |
| A34511 | 1,1,2-TRICHLORO THANE | UG/G | 0 5K |
| A76124 | BENZENE | UG/G | 0 5K |
| A34699 | TRANS-1,3-DICHLOROPROPENE | UG/G | 0 5K |
| A34570 | 2-CHLOROETHYLVINYL ETHER | UG/G | 0 5K |
| A32104 | BROMOFORM | UG/G | 0 5K |

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER 097770
SAMPLING POINT DESC ROCKFORD/KARCY TRANSP INC/X201

SUBMITTING SOURCE # SITE # 2010300071
DATE COLLECTED 90622 TIME COLLECTED 1243 SAMPLING PROGRAM

COLLECTED BY THOMAS MCNAMEE DELIVERED BY CMS
COMMENTS FLASH POINT AND VOC SCAN
FUNDING CODE LPOC AGENCY ROUTING -- UNIT CODE
SAM TYPE CODE SAMPLE PURPOSE CODE 3 REPORTING INDICATOR

DATE RECEIVED 090622 TIME RECEIVED 1000 RECEIVED BY D V
LAB OBSERVATIONS 1-50L BLACK TAR TRIP BL SAM#
SUPERVISORS INITIALS JTH NOTE K = LESS THAN VALUE

| | | | |
|---|---|---|---|
| A18300 | FLASH POINT | DEGREE F | |
| A34413 | CHLOROMETHANE | UG/G | 50K |
| A34419 | BROMOMETHANE | UG/G | 50K |
| A34417 | VINYL CHLORIDE | UG/G | 50K |
| A34311 | CHLOROETHANE | UG/G | 50K |
| A34423 | METHYLENE CHLORIDE | UG/G | 25K |
| A31331 | ACETONE | UG/G | 50K |
| A34483 | TRICHLOROFLUOROMETHANE | UG/G | 25K |
| A77177 | BROMOCHLOROMETHANE | UG/G | 25K |
| A77041 | CARBON DISULFIDE | UG/G | 25K |
| A34301 | 1,1-DICHLOROETHYLENE | UG/G | 25K |
| A34496 | 1,1-DICHLOROETHANE | UG/G | 25K |
| A34345 | TRANS-1,2-DICHLOROETHYLENE | UG/G | 25K |
| A77093 | CIS-1,2-DICHLOROETHYLENE | UG/G | 25K |
| A32106 | CHLOROFORM | UG/G | 25K |
| A34351 | 1,2-DICHLOROETHANE | UG/G | 25K |
| A31393 | 2-BUTANONE(MEK) | UG/G | 50K |
| A34506 | 1,1,1-TRICHLOROETHANE | UG/G | 25K |
| A32102 | CARBON TETRACHLORIDE | UG/G | 25K |
| A77037 | VINYL ACETATE | UG/G | 50K |
| A32101 | DICHLOROBROMOMETHANE | UG/G | 25K |
| A34341 | 1,2-DICHLOROPROPANE | UG/G | 25K |
| A34704 | CIS-1,3-DICHLOROPROPENE | UG/G | 25K |
| A39100 | TRICHLOROETHYLENE | UG/G | 25K |
| A32103 | CHLORODIBROMOMETHANE | UG/G | 25K |
| A34511 | 1,1,2-TRICHLOROETHANE | UG/G | 25K |
| A78124 | BENZENE | UG/G | 25K |
| A34399 | TRANS-1,3-DICHLOROPROPENE | UG/G | 25K |
| A34376 | 2-CHLOROETHYLVINYL ETHER | UG/G | 25K |

# REFERENCE NUMBER

| | | |
|---|---|---|
| [illegible] | UG/G | 25K |
| [illegible] | UG/G | 50K |
| [illegible] | UG/G | 50K |
| [illegible] | UG/G | 25K |
| [illegible] | UG/G | 25K |
| [illegible] | UG/G | 25 |
| [illegible] | UG/G | 2 K |
| [illegible] | UG/G | 2000 |
| [illegible] | UG/G | 25K |
| [illegible] | UG/G | 14000 |
| [illegible] | UG/G | 5 00 |
| [illegible] | UG/G | 10000 |

[illegible] CANTITATIONS ARE APPROXIMAT-

D073871

AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

Page 1 of ___

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE (36) M __ / __ D __ / __ Y (41)

FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER (9): 2010300071 (18)

MONITOR POINT NUMBER (see Instructions): X 202 (19–22)

REGION: 1 CO: Winnebago

DATE COLLECTED (23) M 06 / D 22 / Y 89 (28)

Rockford / Kaney Transp., Inc

LOCATION / RESPONSIBLE PARTY

IEPA LAB (see Instructions): X (29)

FOR IEPA USE ONLY — COMPLAINT NO: C8993R

DATE RECEIVED (42) M __ / __ D __ / __ Y (47)

SAMPLING PURPOSE CODE (see Instructions): 3 (48)

TIME CARD PROGRAM CODE: LP52 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X): ___ (54)

TIME COLLECTED (24 HR CLOCK): 1254 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions): ___ (59)

MONITOR POINT SAMPLED BY (see Instructions): P (60) OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X): ___ (61) ORGANICS (X): ___ (62)

SAMPLE APPEARANCE (63): LIQUID; CLEAR TO YELL OW (102)

COLLECTOR COMMENTS (103): ___ (142)

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ Run Flash + VOC Scan

Thomas McNamee — COLLECTED BY

TJM (143–145) INITIALS

IEPA/DLPC — DIVISION OR COMPANY

UPS — TRANSPORTED BY

DIVISION OR COMPANY

LAB USE ONLY

LAB SAMPLE NO ___ LAB NAME: Springfield LAB ID NO (146) ___ (149)

DATE RECEIVED: JUN 28 1989 AND ADDRESS ___

TIME RECEIVED ___

SAMPLE TEMP OKAY (Y/N) ___ SAMPLE PROPERLY PRESERVED (Y/N) ___ DATE COMPLETED ___ FORWARD 83-89

LAB COMMENTS (150) ___ (199)

J Hurley

SUPERVISOR SIGNATURE

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 (10–14) | (15) | (16) | (17) | (18) | (18) | (19) |
| ELEVATION OF GW SURFACE (ft ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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- 7 AUG 1989
IEPA/DLP

[illegible] Statutes, 1979 Chapter 111 1 2 Section 1004 and 10 1 0 [illegible] penalty up $25 000 or each day [illegible] up to $1 000 00 and imprisonment up to one [illegible] This form has been approved by the Forms Management Center

IL 532 1218
LPC 160 3/84

D073871

002 002

REFERENCE NUMBER 01

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER 0970071
SAMPLING POINT DESC ROCKFORD/KARFY TRANSP INC/X202

SUBMITTING SOURCE # SITE # 2010300071
DATE COLLECTED 90622 TIME COLLECTED 1054 SAMPLING PROGRAM

COLLECTED BY THOMAS MCNAMEE DELIVERED BY CMS
COMMENTS FLASH POINT AND VOC SCAN
FUNDING CODE LP 2 AGENCY ROUTING -- UNIT CODE
SAM TYPE CODE SAMPLE PURPOSE CODE C REPORTING INDICATOR

DATE RECEIVED 90625 TIME RECEIVED 1000 RECEIVED BY D V
LAB OBSERVATIONS 1-50Z LIQUID TRIP BL SAM#
SUPERVISORS INITIALS JTH NOTE K = LESS THAN VALUE

| | | | |
|---|---|---|---|
| A10000 | FLASH POINT | DEG F | <70 |
| A34410 | CHLOROETHANE | UG/G | 500K |
| A34413 | BROMOMETHANE | UG/G | 500K |
| A39175 | VINYL CHLORIDE | UG/G | 500K |
| A34311 | CHLOROETHANE | UG/G | 500K |
| A34420 | METHYLENE CHLORIDE | UG/G | 2100 |
| A81552 | ACETONE | UG/G | 500K |
| A34465 | TRICHLOROFLUOROMETHANE | UG/G | 250K |
| A77277 | BROMOCHLOROMETHANE | UG/G | 250K |
| A77041 | CARBON DISULFIDE | UG/G | 250K |
| A34501 | 1,1-DICHLOROETHYLENE | UG/G | 250K |
| A34496 | 1,1-DICHLOROETHANE | UG/G | 250K |
| A34546 | TRANS-1,2-DICHLOROETHYLENE | UG/G | 250K |
| A77093 | CIS-1,2-DICHLOROETHYLENE | UG/G | 250K |
| A32103 | CHLOROFORM | UG/G | 250K |
| A34531 | 1,2-DICHLOROETHANE | UG/G | 250K |
| A81595 | 2-BUTANONE(MEK) | UG/G | 32000 |
| A34506 | 1,1,1-TRICHLOROETHANE | UG/G | 2900 |
| A32102 | CARBON TETRACHLORIDE | UG/G | 250K |
| A77057 | VINYL ACETATE | UG/G | 500K |
| A32101 | DICHLOROBROMOMETHANE | UG/G | 250K |
| A34541 | 1,2-DICHLOROPROPANE | UG/G | 250K |
| A34704 | CIS-1,3-DICHLOROPROPENE | UG/G | 250K |
| A39100 | TRICHLOROETHYLENE | UG/G | 1800 |
| A32105 | CHLORODIBROMOMETHANE | UG/G | 250K |
| A34511 | 1,1,2-TRICHLOROETHANE | UG/G | 250K |
| A78124 | BENZENE | UG/G | 250K |
| A34699 | TRANS-1,3-DICHLOROPROPENE | UG/G | 250K |
| A34578 | 2-CHLOROETHYLVINYL ETHER | UG/G | 250K |

AMPLE NUMBER 073 71

| | | | |
|---|---|---|---|
| A32104 | BROMOFOR | UG/G | 250K |
| A78100 | 4-METHYL-2-PENTANONE(MIBK) | UG/G | 500K |
| A77100 | 2-HEXANONE(MBK) | UG/G | 500K |
| A34407 | TETRACHLOROETHYLENE | UG/G | 250K |
| A34010 | 1,1,2,2-TETRACHLOROETHANE | UG/G | 250K |
| A78101 | TOLUENE | UG/G | 160000 |
| A34301 | CHLOROBENZENE | UG/G | 250K |
| A78110 | ETHYLBENZENE | UG/G | 25000 |
| A77125 | STYRENE | UG/G | 250K |
| A81501 | XYLENE | UG/G | 100000 |
| P72019 | DEPTH TO WATER FT | -- | |
| P71990 | ELEV OF GW SURFACE FT | -- | |
| P72000 | WELL DEPTH,TOTAL FT | -- | |
| P00451 | ALKALINITY,TOTAL MG/L | -- | |
| P00090 | REDOX POTENTIAL FIELD MV | -- | |
| P00400 | PH,FIELD UNITS | -- | |
| P00094 | CO D.(EC)FIELD UM/CM | -- | |
| P00010 | TEMPERATURE,WATER DEG.C | -- | |

THE FOLLOWING QUANTITATIONS ARE APPROXIMATE

ALIPHATIC HYDROCARBONS UG/G , 50000

OTHER ORGANIC COMPOUNDS UG/G , 70000

D073872

AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

SAMPLE NUMBER



RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE (36) M ___ / D ___ / Y (41)

FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: 2010300071 (9–18)

REGION: 1 CO: Winnebago

LOCATION: Rockford RESPONSIBLE PARTY: Kaney Transp., Inc

MONITOR POINT NUMBER (see Instructions): X203 (19–22)

DATE COLLECTED: 06/28/89 (23 M D Y 28)

IEPA LAB (see Instructions): X (29)

FOR IEPA USE ONLY

COMPLAINT NO: C8992R

DATE RECEIVED: (42) M ___ / D ___ / Y (47)

SAMPLING PURPOSE CODE (see Instructions): 3 (48)

TIME CARD PROGRAM CODE: L P 5 2 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X) (54)

TIME COLLECTED (24 HR CLOCK): 1 3 0 2 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions) (59)

MONITOR POINT SAMPLED BY (see Instructions): O (60) OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X) (61) ORGANICS (X) (62)

SAMPLE APPEARANCE: RED, VISCOUS, RESINOUS (63–102)

COLLECTOR COMMENTS: NONE (103–142)

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ (Blackpoint & VOC Scan)

| COLLECTED BY | INITIALS (143–145) | DIVISION OR COMPANY | TRANSPORTED BY | DIVISION OR COMPANY |
|---|---|---|---|---|
| Thomas McNamee | TJM | IEPA/DLPC | VPS | |

LAB USE ONLY

LAB SAMPLE NO: D073872 LAB NAME AND ADDRESS: Springfield LAB ID NO (146–149)

DATE RECEIVED: JUN 28 1989

TIME RECEIVED: ___

SAMPLE TEMP OKAY (Y/N) ___ SAMPLE PROPERLY PRESERVED (Y/N) ___ DATE COMPLETED ___ FORWARD 8-3-89

LAB COMMENTS (150) ___

SUPERVISOR SIGNATURE: J. Hurley (199)

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER (10–14) | (15) | (16) | < OR > (17) | VALUE (18–27) | REPORTING LEVEL (28) | (29) |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 | | | | | | |
| ELEVATION OF GW SURFACE (ft ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

RECEIVED - 7 AUG 1989 IEPA/DLPC

The Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in civil penalty up to $25,000 for each day the violation continues, fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IL 532 1718
LPC 160 3/84

002 002

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER 0975672
SAMPLING POINT DESC OCKFORD/KAREY TRNASP INC/X203

SUBMITTING SOURCE # SITE # 2010300071
DATE COLLECTED 90822 TIME COLLECTED 1302 SAMPLING PROGRAM

COLLECTED BY TH MAS MCNAMEE DELIVERED BY CMS
COMMENTS FLASH POINT AND VOC SCAN
FUNDING CODE LP52 AGENCY ROUTING -- UNIT CODE
SAM TYPE CODE SAMPLE PURPOSE CODE 5 REPORTING INDICATOR

DATE RECEIVED 90823 TIME RECEIVED 1000 RECEIVED BY D V
LAB OBSERVATIONS 1-50Z RED SOLID TRIP BL SAM#
SUPERVISORS INITIALS JTH NOTE K = LESS THAN VALUE

| | | | |
|---|---|---|---|
| A18300 | FLASH POINT DEG.F <70 | | |
| A34410 | CHLOROMETHANE | UG/G | 900K |
| A34410 | BROMOMETHANE | UG/G | 900K |
| A39175 | VINYL CHLORIDE | UG/G | 900K |
| A34511 | CHLOROETHANE | UG/G | 900K |
| A34423 | METHYLENE CHLORIDE | UG/G | 450K |
| A81552 | ACETONE | UG/G | 900K |
| A34488 | TRICHLOROFLUOROMETHANE | UG/G | 450K |
| A77277 | BROMOCHLOROMETHANE | UG/G | 450K |
| A77041 | CARBON DISULFIDE | UG/G | 450K |
| A34501 | 1,1-DICHLOROETHYLENE | UG/G | 450K |
| A34496 | 1,1-DICHLOROETHANE | UG/G | 450K |
| A34546 | TRANS-1,2-DICHLOROETHYLENE | UG/G | 450K |
| A77093 | CIS-1,2-DICHLOROETHYLENE | UG/G | 450K |
| A32106 | CHLOROFORM | UG/G | 450K |
| A34531 | 1,2-DICHLOROETHANE | UG/G | 450K |
| A81595 | 2-BUTANONE(MEK) | UG/G | 5100 |
| A34506 | 1,1,1-TRICHLOROETHANE | UG/G | 450K |
| A32102 | CARBON TETRACHLORIDE | UG/G | 450K |
| A77037 | VINYL ACETATE | UG/G | 900K |
| A32101 | DICHLORODROMOMETHANE | UG/G | 450K |
| A34541 | 1,2-DICHLOROPROPANE | UG/G | 450K |
| A34704 | CIS-1,3-DICHLOROPROPEN | UG/G | 450K |
| A39180 | TRICHLOROETHYLENE | UG/G | 450K |
| A32105 | CHLORODIBROMOMETHANE | UG/G | 450K |
| A34511 | 1,1,2-TRICHLOROETHANE | UG/G | 450K |
| A78124 | BENZENE | UG/G | 450K |
| A34699 | TRANS-1,3-DICHLOROPROPENE | UG/G | 450K |
| A34575 | 2-CHLOROETHYLVINYL ETHER | UG/G | 450K |

A PLL NUMBER [illegible]

# REFERENCE NUMBER 01

| | | | |
|---|---|---|---|
| A3610[illegible] | CHLOROFORM | UG/G | 450K |
| A78103 | 4-METHYL-2-PENTANONE(MIBK) | UG/G | 900K |
| A77100 | 2-HEXANONE(MIBK) | UG/G | 900K |
| A3447 | TETRACHLOROETHYLENE | UG/G | 450K |
| A34510 | 1,1,2,2-TETRACHLOROETHANE | UG/G | 450K |
| A76101 | TOLUENE | UG/G | 450K |
| A34501 | CHLOROBENZENE | UG/G | 450K |
| A78110 | ETHYLBENZENE | UG/G | 3600 |
| A77120 | STYRENE | UG/G | 450K |
| A61001 | XYLENE | UG/G | 1300 |

THE FOLLOWING QUANTITATIONS ARE APPROXIMATE

ALIPHATIC HYDROCARBONS UG/G , 1 0000

OTHER ORGANIC COMPOUNDS UG/G , 10000

D073873

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

Page 1 of ___

RECORD CODE: L P C S M 0 1 (1) TRANS CODE: A (8)

REPORT DUE DATE: __/__/__ (C D Y 41) FEDERAL ID NUMBER: ILD064006901

SITE INVENTORY NUMBER: 2 0 1 0 3 0 0 0 7 1 (9–18)
REGION: 1 CO: Winnebago
Rockford / KANEY Transp, Inc
LOCATION / RESPONSIBLE PARTY

MONITOR POINT NUMBER: X 2 0 5 (19–26) (see Instructions)
DATE COLLECTED: 0 6 / 2 2 / 8 9 (23 M D Y 28)
IEPA LAB: X (29) (see Instructions)

FOR IEPA USE ONLY
COMPLAINT NO: C 8 9 9 3 R
DATE RECEIVED: __/__/__ (42 M D Y 47)
SAMPLING PURPOSE CODE: 3 (48) (see Instructions)
TIME CARD PROGRAM CODE: L P 5 2 (9–52) & UNIT CODE: 5 (53)

BACKGROUND SAMPLE (X): (54)
TIME COLLECTED (24 HR CLOCK): 1 5 1 0 (55 H M 58)
UNABLE TO COLLECT SAMPLE (see Instructions): (59)
MONITOR POINT SAMPLED BY (see Instructions): Q (60) Tongue Depressor OTHER (SPECIFY)
SAMPLE FIELD FILTERED INORGANICS (X): (61) ORGANICS (X): (62)

SAMPLE APPEARANCE: VISCOUS, RED/ORANGE (63–102)

COLLECTOR COMMENTS: NONE (103–142)

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐
USE SW-846 PROCEDURES YES X NO ___ Flash pt VOC scan

COLLECTED BY (143) INITIALS (145) DIVISION OR COMPANY TRANSPORTED BY DIVISION OR COMPANY

LAB USE ONLY

LAB SAMPLE NO: D073873 LAB NAME: Springfield LAB ID NO: (146–149)
DATE RECEIVED: JUN 28 1989 AND ADDRESS:
TIME RECEIVED:
SAMPLE TEMP OKAY (Y/N) SAMPLE PROPERLY PRESERVED (Y/N) DATE COMPLETED ___ FORWARD 8-3-89
LAB COMMENTS: (150)

J Hurley (159)
SUPERVISOR SIGNATURE

RECORD CODE: L P C S M 0 1 TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 (30–34) | 35 | 36 | 37 | 38 | | 39 |
| ELEVATION OF GW SURFACE (ft ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (C) Field | 502F | 00010 | | | | | | |
| RECEIVED | | | | | | | | |
| - 7 AUG 1989 | | | | | | | | |

$25 ... $1,000.00 ... IEPA/DLPC

D073873

002 002

REFERENCE NUMBER 01

ELL DIS VIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER 097007
SAMPLING POINT DESC OCKFORD/KAREY TRANSP INC/X205

SUBMITTING SOURCE SITE # 2010300071
DATE COLLECTED 90622 TIME COLLECTED 1510 SAMPLING PROGRAM

COLLECTED BY TOM CNAMEL DELIVERED Y CMS
COMMENTS FLASH POINT AND VOC SCAN
FUNDING CODE LPS2 AGENCY ROUTING -- UNIT CODE
SAM TYPE CODE SAMPLE PURPOSE CODE 3 REPORTING INDICATOR

DATE RECEIVED 090626 TIME RECEIVED 1000 RECEIVED BY D V
LAB OBSERVATIONS 1-60Z SOLID TRIP BL SAM#
SUPERVISORS INITIALS JTH NOTE K = LESS THAN VALUE

| | | | |
|---|---|---|---|
| A18000 | FLASH POINT DEG.F <70 | | |
| A34416 | CHLOROMETHAN | UG/G | 900K |
| A34413 | BROMOMETHANE | UG/G | 900K |
| A39175 | VINYL CHLORIDE | UG/G | 900K |
| A34311 | CHLOROETHANE | UG/G | 900K |
| A34423 | METHYLENE CHLORIDE | UG/G | 450K |
| A81552 | ACETONE | UG/G | 900K |
| A34483 | TRICHLOROFLUOROMETHANE | UG/G | 450K |
| A77277 | BROMOCHLOROMETHANE | UG/G | 450K |
| A77041 | CARBON DISULFIDE | UG/G | 450K |
| A34501 | 1,1-DICHLOROETHYLENE | UG/G | 450K |
| A34496 | 1,1-DICHLOROETHANE | UG/G | 450K |
| A34546 | TRANS-1,2-DICHLOROETHYLENE | UG/G | 450K |
| A77093 | CIS-1,2-DICHLOROETHYLENE | UG/G | 450K |
| A32106 | CHLOROFORM | UG/G | 450K |
| A34531 | 1,2-DICHLOROETHANE | UG/G | 450K |
| A81595 | 2-BUTANONE(MEK) | UG/G | 900K |
| A34506 | 1,1,1-TRICHLOROETHANE | UG/G | 450K |
| A32102 | CARBON TETRACHLORIDE | UG/G | 450K |
| A77057 | VINYL ACETATE | UG/G | 900K |
| A32101 | DICHLOROBROMOMETHANE | UG/G | 450K |
| A34541 | 1,2-DICHLOROPROPANE | UG/G | 450K |
| A34704 | CIS-1,3-DICHLOROPROPENE | UG/G | 450K |
| A39180 | TRICHLOROETHYLENE | UG/G | 450K |
| A32105 | CHLORODIBROMOMETHANE | UG/G | 450K |
| A34511 | 1,1,2-TRICHLOROETHANE | UG/G | 450K |
| A76124 | BENZENE | UG/G | 450K |
| A34699 | TRANS-1,3-DICHLOROPROPENE | UG/G | 450K |
| A34575 | 2-CHLOROETHYLVINYL ETHER | UG/G | 450K |

SAMPLE [illegible]

| | | | |
|---|---|---|---|
| [illegible] | [illegible] | UG/G | 450K |
| [illegible] | 4-METHYL-2-PENTANONE (MIBK) | UG/G | 900K |
| [illegible] | [illegible] (MEK) | UG/G | 900K |
| [illegible] | TETRACHLOROETHYLENE | UG/G | 450K |
| [illegible] | 1,1,2,2-TETRACHLOROETHANE | UG/G | 450K |
| [illegible] | [illegible] | UG/G | 450 |
| [illegible] | [illegible] | UG/G | 450K |
| [illegible] | ETHYLBENZENE | UG/G | 5400 |
| [illegible] | STYRENE | UG/G | 450K |
| [illegible] | XYLENE | UG/G | 27000 |

THE FOLLOWING QUANTITATIONS ARE APPROXIMATE

ALIPHATIC HYDROCARBONS UG/G , 70000

OTHER ORGANIC COMPOUNDS UG/G , 50000

REFERENCE NUMBER 01 AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM



RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE M ___ / D ___ / Y ___ (36–41)

FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: 2010300071 (9–18)

REGION: 1 CO: Winnebago

LOCATION: Rockford RESPONSIBLE PARTY: Kaney Transp., Inc

MONITOR POINT NUMBER (see Instructions): X 103 (19–22)

DATE COLLECTED: 06/22/89 (24–28)

IEPA LAB (see Instructions): X (29)

FOR IEPA USE ONLY

COMPLAINT NO: C8993R

DATE RECEIVED: M ___ / D ___ / Y ___ (42–47)

SAMPLING PURPOSE CODE (see Instructions): 3 (48)

TIME CARD PROGRAM CODE: L P 5 2 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X): (54)

TIME COLLECTED (24 HR CLOCK): 1357 (55 H – 58 M)

UNABLE TO COLLECT SAMPLE (see Instructions): (59)

MONITOR POINT SAMPLED BY (see Instructions): Q (60) OTHER (SPECIFY): Tongue Depressor

SAMPLE FIELD FILTERED INORGANICS (X): (61) ORGANICS (X): (62)

SAMPLE APPEARANCE: BROWN DIRT (63)

COLLECTOR COMMENTS: NONE (103) (102)

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐ (142)

USE SW-846 PROCEDURES YES X NO ___ Metals (EP Tox)

| COLLECTED BY | INITIALS (143–145) | DIVISION OR COMPANY | TRANSPORTED BY | DIVISION OR COMPANY |
|---|---|---|---|---|
| Thomas McNamee | TJM | IEPA/DLPC | UPS | |

### LAB USE ONLY

LAB SAMPLE NO ___ LAB NAME ___ LAB ID NO (146–149)

DATE RECEIVED ___ AND ADDRESS ___

TIME RECEIVED ___

SAMPLE TEMP OKAY (Y/N) ___ SAMPLE PROPERLY PRESERVED (Y/N) ___ DATE COMPLETED ___ FORWARD ___

LAB COMMENTS (150–199)

SUPERVISOR SIGNATURE

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | * | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 (10–14) | 35 | 36 | 37 | 38 | 48 | 49 |
| ELEVATION OF GW SURFACE (ft. ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

This agency is authorized to require this information under Illinois Revised Statutes, 1979 Chapter 111 1/2 Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the violation continues, fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IL 532 1218
LPC 160 3/84

002-002

AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

Page 1 of ___

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE: 36 M / D / Y 41

FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: 201030007 1 (9–18)

REGION: 1 CO: Winnebago

LOCATION: Rockford / RESPONSIBLE PARTY: Kaney Transp., Inc

MONITOR POINT NUMBER (see Instructions): X 204 (19–22)

DATE COLLECTED: 06/22/89 (23 M D Y 28)

IEPA LAB (see Instructions): X (29)

FOR IEPA USE ONLY — COMPLAINT NO: C8993R

DATE RECEIVED: 42 M / D / Y 47

SAMPLING PURPOSE CODE (see Instructions): 48

TIME CARD PROGRAM CODE: L P 52 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X): 54

TIME COLLECTED (24 HR CLOCK): 1505 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions): 59

MONITOR POINT SAMPLED BY (see Instructions): 60 OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X): 61 ORGANICS (X): 62

SAMPLE APPEARANCE: 63 BLACK; VISCOUS, TARR 102

COLLECTOR COMMENTS: 103 NONE 142

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ (EP Tox - Metals)

COLLECTED BY: Thomas McNamee — INITIALS: TJM (143–145) — DIVISION OR COMPANY: IEPA/DLPC — TRANSPORTED BY: UPS — DIVISION OR COMPANY: ___

### LAB USE ONLY

LAB SAMPLE NO ___ LAB NAME ___ LAB ID NO 146 — 149

DATE RECEIVED ___ AND ADDRESS ___

TIME RECEIVED ___

SAMPLE TEMP OKAY (Y/N) ___ SAMPLE PROPERLY PRESERVED (Y/N) ___ DATE COMPLETED ___ FORWARD ___

LAB COMMENTS 150 ___ 199

SUPERVISOR SIGNATURE ___

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 (10–14) | 35 | 36 | 37 | 38 — 47 | 48 | 49 |
| ELEVATION OF GW SURFACE (ft. ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in civil penalty up to $25,000 for each day the failure continues, fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IL 532 1218
LPC 160 3/84

002-002

# REFERENCE NUMBER 0 1 2 2

AGENCY USE ONLY

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

Page 1 of ___

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE: 36 M / D / Y 41

FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: 2010300071 (9–18)

MONITOR POINT NUMBER (see Instructions): X 1 0 3 (19–22)

REGION: 1 CO: Winnebago

DATE COLLECTED: 06/22/89 (23 M D Y 28)

Rockford / Kaney Transp., Inc

LOCATION / RESPONSIBLE PARTY

IEPA LAB (see Instructions): X (29)

FOR IEPA USE ONLY

COMPLAINT NO: C 8 9 9 3 R

DATE RECEIVED: 42 M / D / Y 47

SAMPLING PURPOSE CODE (see Instructions): 3 (48)

TIME CARD PROGRAM CODE: L P 5 2 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X): 54

TIME COLLECTED (24 HR CLOCK): 1 3 5 7 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions): 59

MONITOR POINT SAMPLED BY (see Instructions): Q (60) Tongue Deppresson OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X): 61 ORGANICS (X): 62

SAMPLE APPEARANCE: 63 BROWN DIRT 102

COLLECTOR COMMENTS: 103 NONE 142

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ Metals (EP Tox)

Thomas McNamee — COLLECTED BY; TJM (143–145) INITIALS; IEPA/DLPC — DIVISION OR COMPANY; UPS — TRANSPORTED BY; ___ — DIVISION OR COMPANY

LAB USE ONLY

LAB SAMPLE NO ___ LAB NAME ___ LAB ID NO 146 — 149

DATE RECEIVED ___ AND ADDRESS ___

TIME RECEIVED ___

SAMPLE TEMP OKAY (Y/N) ___ SAMPLE PROPERLY PRESERVED (Y/N) ___ DATE COMPLETED ___ FORWARD ___

LAB COMMENTS 150 ___ 199

SUPERVISOR SIGNATURE

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft. below LS) | 507F | 72019 (30–34) | 35 | 36 | 37 | 38 — 47 | 48 | 49 |
| ELEVATION OF GW SURFACE (ft. ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft. below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IL 532 1218
LPC 160 3/84

002-002

AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

Page 1 of ___

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE: 36 M / D / Y 41

FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: 201030007 1 (9–18)

REGION: 1 CO: Winnebago

LOCATION: Rockford / RESPONSIBLE PARTY: Kaney Transp., Inc

MONITOR POINT NUMBER (see Instructions): X 204 (19–22)

DATE COLLECTED: 06/22/89 (23 M D Y 28)

IEPA LAB (see Instructions): X (29)

FOR IEPA USE ONLY — COMPLAINT NO: C8993R

DATE RECEIVED: 42 M / D / Y 47

SAMPLING PURPOSE CODE (see Instructions): 48

TIME CARD PROGRAM CODE: LP 52 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X): 54

TIME COLLECTED (24 HR CLOCK): 1505 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions): 59

MONITOR POINT SAMPLED BY (see Instructions): 60 OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X): 61 ORGANICS (X): 62

SAMPLE APPEARANCE: 63 BLACK; VISCOUS, TARR 102

COLLECTOR COMMENTS: 103 NONE 142

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ (EP Tox - Metals)

| COLLECTED BY | INITIALS | DIVISION OR COMPANY | TRANSPORTED BY | DIVISION OR COMPANY |
|---|---|---|---|---|
| Thomas McNamee | TJM (143–145) | IEPA/DLPC | UPS | |

LAB USE ONLY

LAB SAMPLE NO ___ LAB NAME ___ LAB ID NO 146 — 149

DATE RECEIVED ___ AND ADDRESS ___

TIME RECEIVED ___

SAMPLE TEMP OKAY (Y/N) ___ SAMPLE PROPERLY PRESERVED (Y/N) ___ DATE COMPLETED ___ FORWARD ___

LAB COMMENTS 150 ___ 199

SUPERVISOR SIGNATURE

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft. below LS) | 507F | 72019 (10–14) | 35 | 36 | 37 | 38 — 47 | 48 | 49 |
| ELEVATION OF GW SURFACE (ft. ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft. below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 or each day the failure continues, fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IL 532 1718
LPC 160 3/84

002-002

REFERENCE NUMBER 01 AGENCY USE ONLY

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

C902479

Page 1 of ___

RECORD CODE L P C S M 0 1 (1–7) TRANS CODE A (8)

REPORT DUE DATE 36 M / D / Y 41 FEDERAL ID NUMBER IL 0 6 4 0 0 6 9 0 1

SITE INVENTORY NUMBER 2 0 1 0 3 0 0 0 7 1 (9–18) MONITOR POINT NUMBER X 2 0 4 (19–22) (see Instructions)

REGION 1 CO Winnebago DATE COLLECTED 0 6 / 2 2 / 8 9 (23 M D Y 28)

Rockford / Kaney Transp., Inc IEPA LAB X (29) (see Instructions)

LOCATION RESPONSIBLE PARTY

FOR IEPA USE ONLY COMPLAINT NO C 8 9 9 3 R

DATE RECEIVED 42 M / D / Y 47

SAMPLING PURPOSE CODE 48 (see Instructions)

TIME CARD PROGRAM CODE L P 5 2 (49–52) & UNIT CODE J (53)

BACKGROUND SAMPLE (X) 54 TIME COLLECTED (24 HR CLOCK) 1 5 0 5 (55 H M 58)

UNABLE TO COLLECT SAMPLE 59 (see Instructions)

MONITOR POINT SAMPLED BY 60 (see Instructions) OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X) 61 ORGANICS (X) 62

SAMPLE APPEARANCE 63 BLACK; VISCOUS, TARR 102

COLLECTOR COMMENTS 103 NONE 142

SPECIAL INSTRUCTIONS TO LAB PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ (EP Tox - Metals)

Thomas McNamee TJM IEPA/DLPC UPS

COLLECTED BY 143 INITIALS 145 DIVISION OR COMPANY TRANSPORTED BY DIVISION OR COMPANY

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LABORATORIES
2121 WEST TAYLOR STREET
CHICAGO, ILLINOIS 60612

LAB USE ONLY

LAB SAMPLE NO C902479 LAB NAME DIVISION OF LABORATORIES LAB ID NO 0 0 0 C (146–149)

DATE RECEIVED 6-23 89 AND ADDRESS 2121 WEST TAYLOR STREET

TIME RECEIVED 9 30 Am LJ Barb CHICAGO, ILLINOIS 60612

SAMPLE TEMP OKAY Y (Y/N) SAMPLE PROPERLY PRESERVED Y (Y/N) DATE COMPLETED ___ FORWARD JAN 25 1990

LAB COMMENTS 150 199

James Daugherty
SUPERVISOR SIGNATURE

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft below LS) | 507F | 72019 (10–14) | 35 | 36 | 37 | 38 | 48 | 49 |
| ELEVATION OF GW SURFACE (ft. ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft. below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

RECEIVED 29 JAN 1990 IEPA/DLPC

This Agency is authorized to require this information under Illinois Revised Statutes, 1979 Chapter 111 1 2 Section 1004 and 1021 Disclosure of this information is required. Failure to do so may result in civil penalty up to $25,000 for each day the failure continues a fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IL 532 1218
LPC 160 3/84

002-002

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER C902479
SAMPLING POINT DESC. ROCKFORD/KANEY TRANSPORTATION, INC.

SUBMITTING SOURCE # SITE #
DATE COLLECTED 890622 TIME COLLECTED 1550 SAMPLING PROGR4M

COLLECTED BY TJM DELIVERED BY UPS
COMMENTS
FUNDING CODE LP52 AGENCY ROUTING 00 UNIT CODE
SAM TYPE CODE LPSP SAMPLE PURPOSE CODE 3 REPORTING INDICATOR

DATE RECEIVED 890623 TIME RECEIVED 0930 RECEIVED BY LJP
LAB OBSERVATIONS TRIP BL SAM#
SUPERVISORS INITIALS JWD NOTE K = LESS THAN VALJE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A10000 | PH,FINAL TOX EXT | UNITS | 4.05 | A10000 | PH,INITIAL TOX EX | UNITS | 5.15 |
| A14400 | ARSENIC,EP TOX. | MG/L | 0.01K | A_4500 | BARIUM,EP TOX | MG/L | 0.5 |
| A14600 | CADMIUM,EP TOX. | MG/L | 0.005K | A14700 | CHROMIUM,EP TOX. | MG/L | 0.01K |
| A15100 | LEAD,EP TOXICITY | MG/L | 0.05K | A15300 | MERCURY,EP TOX. | MG/L | .0005K |
| A15500 | SELENIUM,EP TOX. | MG/L | 0.01K | A15600 | SILVER,EP TOX. | MG/L | 0.005K |

REFERENCE NUMBER 01 AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

Page 1 of ___

C902478

RECORD CODE L P C S M 0 1 (1–7) TRANS CODE A (8)

REPORT DUE DATE 36 M / D / Y 41

FEDERAL ID NUMBER IL0064006901

SITE INVENTORY NUMBER 2010300071 (9–18)

REGION 1 CO Winnebago

Rockford / Kaney Transp., Inc

LOCATION RESPONSIBLE PARTY

MONITOR POINT NUMBER X103 (19–22) (see Instructions)

DATE COLLECTED 06/22/89 (23–28)

IEPA LAB X (29) (see Instructions)

FOR IEPA USE ONLY

COMPLAINT NO C8993R

DATE RECEIVED 42 M / D / Y 47

SAMPLING PURPOSE CODE 3 (48) (see Instructions)

TIME CARD PROGRAM CODE LP52 (49–52) & UNIT CODE J (53)

BACKGROUND SAMPLE (X) 54

TIME COLLECTED (24 HR CLOCK) 1357 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions) 59

MONITOR POINT SAMPLED BY Q (60) (see Instructions) Tongue Deppresson OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X) 61 ORGANICS (X) 62

SAMPLE APPEARANCE BROWN DIRT (63–102)

COLLECTOR COMMENTS NONE (103–142)

SPECIAL INSTRUCTIONS TO LAB PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ Metals (EP Tox)

Thomas McNamee (COLLECTED BY) TJM (143–145) INITIALS IEPA/DLPC (DIVISION OR COMPANY) UPS (TRANSPORTED BY) (DIVISION OR COMPANY)

LAB USE ONLY

LAB SAMPLE NO C902478

LAB NAME STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

LAB ID NO 000C (146–149)

DATE RECEIVED 6-23-89

AND ADDRESS DIVISION OF LABORATORIES

TIME RECEIVED 9 30 AM LJ Parks

2121 WEST TAYLOR STREET

SAMPLE TEMP OKAY Y (Y/N) SAMPLE PROPERLY PRESERVED X (Y/N) DATE COMPLETED ___ FORWARD JAN 25 1990

LAB COMMENTS 150

James Daugherty (199)

SUPERVISOR SIGNATURE

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft. below LS) | 507F | 72019 (10–14) | 35 | 36 | 37 | 38 – 47 | 48 | 49 |
| ELEVATION OF GW SURFACE (ft. ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft. below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

RECEIVED 29 JAN 1990 IEPA/DLPC

This Agency is authorized to require this information under Illinois Revised Statutes, 1979 Chapter 111 1/2 Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IL 532 1218
LPC 160 3/84

002-002

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER C902478
SAMPLING POINT DESC. ROCKFORD/KANEY TRANSPORTATION, INC.

SUBMITTING SOURCE # SITE #
DATE COLLECTED 890622 TIME COLLECTED 1357 SAMPLING PROGRAM

COLLECTED BY TJM DELIVERED BY UPS
COMMENTS
FUNDING CODE LP52 AGENCY ROUTING 00 UNIT CODE
SAM TYPE CODE LPSP SAMPLE PURPOSE CODE 3 REPORTING INDICATOR

DATE RECEIVED 890623 TIME PECEIVED 0930 RECEIVED BY LJP
LAB OBSERVATIONS TRIP BL SAM#
SUPERVISORS INITIALS JWD NOTE K = LESS THAN VALUE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A10000 | PH,FINAL TOX EXT | UNITS | 5.11 | A10000 | PH,INITIAL TOX EX | UNITS | 8.54 |
| A14400 | ARSENIC,EP TOX. | MG/L | 0.01K | A14500 | BARIUM,EP TOX | MG/L | 1.3 |
| A14600 | CADMIUM,EP TOX. | MG/L | 0.005K | A14700 | CHROMIUM,EP TOX. | MG/L | 0.01K |
| A15100 | LEAD,EP TOXICITY | MG/L | 0.05K | A 5300 | MERCURY,EP TOX. | MG/L | .0005K |
| A15500 | SELENIUM,EP TOX. | MG/L | 0.01K | A15600 | SILVER,EP TOX. | MG/L | 0.005K |

AGENCY USE ONLY

# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
## DIVISION OF LAND POLLUTION CONTROL
## CHEMICAL ANALYSIS FORM

REFERENCE NUMBER C902478

Page 1 of ___

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE: 36 M / D / Y 41

FEDERAL ID NUMBER: IL0064006901

SITE INVENTORY NUMBER: 2010300071 (9–18)

REGION: 1 CO: Winnebago

LOCATION: Rockford RESPONSIBLE PARTY: Kaney Transp., Inc.

MONITOR POINT NUMBER (see Instructions): X 103 (19–22)

DATE COLLECTED: 06/22/89 (23–28)

IEPA LAB (see Instructions): X (29)

FOR IEPA USE ONLY — COMPLAINT NO: C8993R

DATE RECEIVED: 42 M / D / Y 47

SAMPLING PURPOSE CODE (see Instructions): 3 (48)

TIME CARD PROGRAM CODE: LP52 (49–52) & UNIT CODE: J (53)

BACKGROUND SAMPLE (X): 54

TIME COLLECTED (24 HR CLOCK): 1357 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions): 59

MONITOR POINT SAMPLED BY (see Instructions): Q (60) Tongue Deppresson OTHER (SPECIFY)

SAMPLE FIELD FILTERED INORGANICS (X): 61 ORGANICS (X): 62

SAMPLE APPEARANCE: BROWN DIRT (63–102)

COLLECTOR COMMENTS: NONE (103–142)

SPECIAL INSTRUCTIONS TO LAB: PRIVATE WELL PROJECT ☐

USE SW-846 PROCEDURES YES X NO ___ Metals (EP Tox)

| COLLECTED BY | INITIALS | DIVISION OR COMPANY | TRANSPORTED BY | DIVISION OR COMPANY |
|---|---|---|---|---|
| Thomas McNamee | TJM (143–145) | IEPA/DLPC | UPS | |

LAB USE ONLY

LAB SAMPLE NO: C902478

LAB NAME AND ADDRESS: STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LABORATORIES 2121 WEST TAYLOR STREET CHICAGO, ILLINOIS 60612

LAB ID NO: 0000 (146–149)

DATE RECEIVED: 6-23-89

TIME RECEIVED: 9 30 AM LJ Parks

SAMPLE TEMP OKAY: Y (Y/N) SAMPLE PROPERLY PRESERVED: X (Y/N) DATE COMPLETED: ___ FORWARD: JAN 25 1990

LAB COMMENTS: 150 ___ 199

James Daugherty
SUPERVISOR SIGNATURE

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8) (Columns 9-29 from above)

| FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE | | STORET NUMBER | | | < OR > | VALUE | REPORTING LEVEL | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO WATER (ft. below LS) | 507F | 72019 (10–14) | 35 | 36 | 37 | 38 – 47 | 48 | 49 |
| ELEVATION OF GW SURFACE (ft. ref MSL) | 508F | 71993 | | | | | | |
| TOTAL WELL DEPTH (ft. below LS) | 509F | 72008 | | | | | | |
| ALKALINITY TOTAL (mg/l as CaCO3) Field | 505F | 00431 | | | | | | |
| REDOX POTENTIAL (millivolt) Field | 506F | 00090 | | | | | | |
| pH (units) Field | 500F | 00400 | | | | | | |
| SPEC CONDUCTANCE (umhos) Field | 503F | 00094 | | | | | | |
| TEMP OF WATER SAMPLE (°C) Field | 502F | 00010 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

RECEIVED 29 JAN 1990 IEPA/DLPC

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IL 532 1218
LPC 160 3/84

002-002

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER C902478
SAMPLING POINT DESC. ROCKFORD/KANEY TRANSPORTATION, INC.

SUBMITTING SOURCE # SITE #
DATE COLLECTED 890622 TIME COLLECTED 1357 SAMPLING PROGR4M

COLLECTED BY TJM DELIVERED BY UPS
COMMENTS
FUNDING CODE LP52 AGENCY ROUTING 00 UNIT CODE
SAM T:PE CODE LPSP SAMPLE PURPOSE CODE : 3 REPORTING INDICATOR

DATE RECEIVED 890623 TIME RECEIVED 0930 RECEIVED BY LJP
LAB OBSERVATIONS TRIP BL SAM#
SUPERVISORS INITIALS JWD NOTE K = LESS THAN VALJE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A10000 | PH,FINAL TOX EXT | UNITS | 5.11 | A10000 | PH,INITIAL TOX EX | UNITS | 8.54 |
| A14400 | ARSENIC,EP TOX. | MG/L | 0.01K | A14500 | BARIUM,EP TOX | MG/L | 1.3 |
| A14600 | CADMIUM,EP TOX. | MG/L | 0.005K | A14700 | CHROMIUM,EP TOX. | MG/L | 0.01K |
| A15100 | LEAD,EP TOXICITY | MG/L | 0.05K | A.5300 | MERCURY,EP TOX. | MG/L | .0005K |
| A15500 | SELENIUM,EP TOX. | MG/L | 0.01K | A15600 | SILVER,EP TOX. | MG/L | 0.005K |

CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005

**ENVIRONMENTAL SERVICES**

REFERENCE NUMBER 01

08/09/89 LABORATORY REPORT PAGE 1

F034 8438272 W81
KP/* / / /

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89208-F04415 PR1/PC2/PB2 /KTI 1023 /UST /#1 /WASHWATER DRUMS
DATE COLLECTED 07/19/89 DATE RECEIVED 07/27/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| TRICHLOROFLUOROMETHANE | <0 010 | PPM | | | |
| ETHYL ETHER | <0 010 | PPM | | | |
| METHANOL | 2 1 | PPM | | | |
| 1,1,2TRICHLORO-1,2,2TRIFLUOROE | <0 010 | PPM | | | |
| ETHANOL | 1 2 | PPM | | | |
| ACETONE | 1 1 | PPM | | | |
| METHYLENE CHLORIDE | <0 010 | PPM | | | |
| ISOPROPANOL | <0 010 | PPM | | | |
| CARBON TETRACHLORIDE | <0 010 | PPM | | | |
| ETHYL ACETATE | <0 010 | PPM | | | |
| METHYL ETHYL KETONE | <0 010 | PPM | | | |
| 1,1,1-TRICHLOROETHANE | <0 010 | PPM | | | |
| BENZENE | <0 010 | PPM | | | |
| TRICHLOROETHYLENE | <0 010 | PPM | | | |
| ISOBUTANOL | <0 010 | PPM | | | |
| N-BUTANOL | <0 010 | PPM | | | |
| TOLUENE | <0 010 | PPM | | | |
| 2-ETHOXYETHANOL | <0 010 | PPM | | | |
| METHYL ISOBUTYL KETONE | <0 010 | PPM | | | |
| TETRACHLOROETHYLENE | <0 010 | PPM | | | |
| BUTYL ACETATE | <0 010 | PPM | | | |
| ETHYLBENZENE | <0 010 | PPM | | | |
| XYLENES | 59 | PPM | | | |
| STYRENE | <0 010 | PPM | | | |
| 2-ETHOXYETHANOL ACETATE | <0 010 | PPM | | | |
| 2-BUTOXYETHANOL | <0 010 | PPM | | | |
| CYCLOHEXANONE | <0 010 | PPM | | | |
| CHLOROBENZENE | <0 010 | PPM | | | |
| O-DICHLOROBENZENE | <0 010 | PPM | | | |
| CARBON DISULFIDE | <0 010 | PPM | | | |
| CHLOROFORM | <0 010 | PPM | | | |
| M-CRESOL | <0 010 | PPM | | | |
| O-CRESOL | <0 010 | PPM | | | |
| P-CRESOL | <0 010 | PPM | | | |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL GEC

CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005



F034 8438272 W81
KP/* / / /

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89208-F04415 PR1/PC2/PB2 /KTI 1023 /UST /#1 /WASHWATER DRUMS
DATE COLLECTED 07/19/89 DATE RECEIVED 07/27/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|---|
| NITROBENZENE | <0 010 | PPM | | | | |
| PYRIDINE | <0 010 | PPM | | | | |
| 1,1,2- TRICHLOROETHANE | <1 0 | PPM | | | | |
| ANTIMONY - TOTAL | <7 5 | PPM | | | | |
| BERYLLIUM - TOTAL | <0 12 | PPM | | | | |
| THALLIUM - TOTAL | <25 | PPM | | | | |
| CADMIUM - TOTAL | <0 25 | PPM | | | | |
| CHROMIUM - TOTAL | 0 39 | PPM | | | | |
| LEAD - TOTAL | 9 8 | PPM | <0 5 | MG/L | 5 0 | |
| BARIUM - TOTAL | 6 2 | PPM | | | | |
| SILVER - TOTAL | <0 25 | PPM | | | | |
| ARSENIC - TOTAL | <0 25 | PPM | | | | |
| SELENIUM - TOTAL | <0 50 | PPM | | | | |
| MERCURY - TOTAL | 0 022 | PPM | | | | |
| PH (UNITS) | 7 8 | | | | 2 0-12 5 | |
| REACTIVE CYANIDE | <10 | PPM | | | | |
| REACTIVE SULFIDE | <2 | PPM | | | | |
| FLASH POINT (FAHRENHEIT) | >210 | DEG F | | | 140 0 | |
| BTU'S | | BTU'S/LB | | | | |
| | DOES NOT BURN | | | | | |
| % SULFUR | <0 056 | % | | | | |
| % CHLORINE | 0 11 | % | | | | |
| ASH CONTENT | 0 23 | % | | | | |
| 2- NITROPROPANE | <1 0 | PPM | | | | |
| PCB'S - SOLIDS, OIL, WASTE | <1 0 | PPM | | | | |

METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES, 1979, EPA-600/4-79-020
TEST METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS, 1982, EPA SW846
ANNUAL BOOKS OF ASTM STANDARDS, 1982
METHODS 601-612 FEDERAL REGISTER, VOL 44, NO 233
PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

REFERENCE NUMBER 01

08/09/89 LABORATORY REPORT PAGE 1

F034 8438093 W81

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89205-F04420 SOIL /4206KTI /1023-3 /#3 /STOCK PILE EAST EXCAV
DATE COLLECTED 07/20/89 DATE RECEIVED 07/24/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| EXTRACTABLE ORGANIC HALIDE | <20 | PPM | | | |
| TRICHLOROFLUOROMETHANE | <0 010 | PPM | | | |
| ETHYL ETHER | <0 010 | PPM | | | |
| METHANOL | 0 092 | PPM | | | |
| 1,1,2TRICHLORO-1,2,2TRIFLUOROE | <0 010 | PPM | | | |
| ETHANOL | <0 010 | PPM | | | |
| ACETONE | <0 010 | PPM | | | |
| METHYLENE CHLORIDE | 0 30 | PPM | | | |
| ISOPROPANOL | <0 010 | PPM | | | |
| CARBON TETRACHLORIDE | <0 010 | PPM | | | |
| ETHYL ACETATE | <0 010 | PPM | | | |
| METHYL ETHYL KETONE | <0 010 | PPM | | | |
| 1,1,1-TRICHLOROETHANE | <0 010 | PPM | | | |
| BENZENE | <0 010 | PPM | | | |
| TRICHLOROETHYLENE | <0 010 | PPM | | | |
| ISOBUTANOL | <0 010 | PPM | | | |
| N-BUTANOL | <0 010 | PPM | | | |
| TOLUENE | <0.010 | PPM | | | |
| 2-ETHOXYETHANOL | <0 010 | PPM | | | |
| METHYL ISOBUTYL KETONE | <0 010 | PPM | | | |
| TETRACHLOROETHYLENE | <0 010 | PPM | | | |
| BUTYL ACETATE | <0 010 | PPM | | | |
| ETHYLBENZENE | <0 010 | PPM | | | |
| XYLENES | <0 010 | PPM | | | |
| STYRENE | <0 010 | PPM | | | |
| 2-ETHOXYETHANOL ACETATE | 8 9 * | PPM | | | |
| 2-BUTOXYETHANOL | <0 010 | PPM | | | |
| CYCLOHEXANONE | <0 010 | PPM | | | |
| CHLOROBENZENE | <0 010 | PPM | | | |
| O-DICHLOROBENZENE | <0 010 | PPM | | | |
| CARBON DISULFIDE | <0 010 | PPM | | | |
| CHLOROFORM | <0 010 | PPM | | | |
| M-CRESOL | <0 010 | PPM | | | |
| O-CRESOL | <0 010 | PPM | | | |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005



F034 8438093 W81

FIW - ILLINOIS
P O. BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89205-F04420 SOIL /4206KTI /1023-3 /#3 /STOCK PILE EAST EXCAV
DATE COLLECTED 07/20/89 DATE RECEIVED 07/24/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|---|
| P-CRESOL | <0 010 | PPM | | | | |
| NITROBENZENE | <0 010 | PPM | | | | |
| PYRIDINE | <0 010 | PPM | | | | |
| ACID REACTIVITY | | PPM | | | | |
| | GAS EVOLVED | | | | | |
| BASE REACTIVITY | NONE | PPM | | | | |
| LOAD BEARING(PENETROMETER) | <0 5 | TON/SQF | | | | |
| CADMIUM - TOTAL | <0 25 | PPM | | | | |
| CHROMIUM - TOTAL | 5 1 | PPM | <0 05 | MG/L | 5 0 | |
| LEAD - TOTAL | 4 1 | PPM | | | | |
| BARIUM - TOTAL | 26 | PPM | | | | |
| SILVER - TOTAL | <0 25 | PPM | | | | |
| ARSENIC - TOTAL | 2 1 | PPM | | | | |
| SELENIUM - TOTAL | <0 50 | PPM | | | | |
| MERCURY - TOTAL | 0 021 | PPM | | | | |
| COLOR | BROWN | | | | | |
| ACIDITY, AS CACO3 | <100 | PPM | | | | |
| ALKALINITY TOTAL, AS CACO3 | 670 | PPM | | | | |
| PH (UNITS) | 7 2 | | | | 2 0-12 5 | |
| | PH MEASURED AS SOLID IN WATER | | | | | |
| TOTAL CYANIDE | <10 | PPM | | | | |
| REACTIVE CYANIDE | <10 | PPM | | | | |
| TOTAL SULFIDE | <2 | PPM | | | | |
| REACTIVE SULFIDE | <2 | PPM | | | | |
| TOTAL ORGANIC CARBON | 3700 | PPM | | | | |
| FLASH POINT (FAHRENHEIT) | >210 | DEG F | | | 140 0 | |
| SPECIFIC GRAVITY | 2 18 | G/ML | | | | |
| FREE LIQUIDS | 0 0 | % | | | | |
| TOTAL SOLIDS | 91 | % | | | | |

WATER REACTIVITY
NEGATIVE

METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES, 1979, EPA-600/4-79-020
TEST METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS, 1982, EPA SW846
PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
NTP = NOT TESTED N/A = NOT APPLICABLE APPROVAL

CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

**ENVIRONMENTAL SERVICES**

REFERENCE NUMBER 01

08/24/89 LABORATORY REPORT PAGE 1

F034 8438874 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89222-F04419 89205-F04420/SOIL/KTI/PROJECT #1023-3/#3/STOCK PILE EAST EXCAVATION/PO# 4343
DATE COLLECTED 07/20/89 DATE RECEIVED 08/10/89

| TEST NAME | RESULT | UNITS | |
|---|---|---|---|
| TOTAL PETROLEUM HYDROCARBONS | 600 | PPM | |
| | #1 DIESEL STANDARD | BASED ON SIMILARITIES TO #1 DIESEL | |
| GCMS 2-CHLOROPHENOL | <0 33 | PPM | ' |
| GCMS 4-CHLORO-3-METHYLPHEN | <0 33 | PPM | ' |
| GCMS 2,4-DICHLOROPHENOL | <0 33 | PPM | ' |
| GCMS 2,4-DIMETHYLPHENOL | <0 33 | PPM | ' |
| GCMS 2,4-DINITROPHENOL | <1 6 | PPM | ' |
| GCMS 4,6-DINITRO-2-METHYLP | <1 6 | PPM | ' |
| GCMS 2-NITROPHENOL | <0 33 | PPM | ' |
| GCMS 4-NITROPHENOL | <1 6 | PPM | ' |
| GCMS PENTACHLOROPHENOL | <1 6 | PPM | ' |
| GCMS PHENOL | <0 33 | PPM | |
| GCMS 2,4,6-TRICHLOROPHENOL | <0 33 | PPM | ' |
| GCMS ACENAPHTHENE | 0 65 | PPM | ' |
| GCMS ACENAPHTHYLENE | <0 33 | PPM | ' |
| GCMS ANTHRACENE | <0 33 | PPM | ' |
| GCMS BENZIDINE | <1 6 | PPM | ! |
| GCMS BENZO(A)ANTHRACENE | <0 33 | PPM | ' |
| GCMS BENZO(A)PYRENE | <0 33 | PPM | ' |
| GCMS BENZO(B)FLUORANTHENE | <0 33 | PPM | |
| GCMS BENZO(G,H I)PERYLENE | <0 33 | PPM | |
| GCMS BENZO(K)FLUORANTHENE | <0 33 | PPM | ' |
| GCMS BENZYL BUTYL PHTHALAT | <0 33 | PPM | ! |
| GCMS BIS(2-CHLOROETHOXY)ME | <0 33 | PPM | ! |
| GCMS BIS(2-CHLOROETHYL)ETH | <0 33 | PPM | ! |
| GCMS BIS(2-CHLOROISOPROPYL | <0 33 | PPM | ! |
| GCMS BIS(2-ETHYLHEXYL)PHTH | <0 33 | PPM | ' |
| GCMS 4-BROMOPHENYL PHENYL | <0 33 | PPM | ! |
| GCMS 2-CHLORONAPHTHALENE | <0.33 | PPM | ! |
| GCMS 4-CHLOROPHENYL PHENYL | <0 33 | PPM | ! |
| GCMS CHRYSENE | <0 33 | PPM | ' |
| GCMS DIBENZO(A,H)ANTHRACEN | <0 33 | PPM | ! |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED

' = REPRINT N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005



F034 8438874 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89222-F04419 89205-F04420/SOIL/KTI/PROJECT #1023-3/#3/STOCK PILE EAST EXCAVATION/PO# 4343
DATE COLLECTED 07/20/89 DATE RECEIVED 08/10/89

| TEST | NAME | RESULT | UNITS |
|---|---|---|---|
| GCMS | 1,2-DICHLOROBENZENE | <0 33 | PPM |
| GCMS | 1,3-DICHLOROBENZENE | <0 33 | PPM |
| GCMS | 1,4-DICHLOROBENZENE | <0 33 | PPM |
| GCMS | 3,3' - DICHLOROBENZID | <0 66 | PPM |
| GCMS | DIETHYLPHTHALATE | <0 33 | PPM |
| GCMS | DIMETHYLPHTHALATE | <0 33 | PPM |
| GCMS | 2,4-DINITROTOLUENE | <0 33 | PPM |
| GCMS | 2,6-DINITROTOLUENE | <0 33 | PPM |
| GCMS | DI-N-BUTYLPHTHALATE | <0 33 | PPM |
| GCMS | DI-N-OCTYLPHTHALATE | <0 33 | PPM |
| GCMS | FLUORANTHENE | 0 80 | PPM |
| GCMS | FLUORENE | 1 4 | PPM |
| GCMS | HEXACHLOROBENZENE | <0 33 | PPM |
| GCMS | HEXACHLOROBUTADIENE | <0 33 | PPM |
| GCMS | HEXACHLOROCYCLOPENTAD | <0 33 | PPM |
| GCMS | HEXACHLOROETHANE | <0 33 | PPM |
| GCMS | INDENO(1,2,3,C,D)PYRE | <0 33 | PPM |
| GCMS | ISOPHORONE | 0 52 | PPM |
| GCMS | NAPHTHALENE | <0 33 | PPM |
| GCMS | NITROBENZENE | <0 33 | PPM |
| GCMS | N-NITROSODIMETHYLAMIN | <0 33 | PPM |
| GCMS | N-NITROSODIPHENYLAMIN | 1 4 | PPM |
| GCMS | N-NITROSO-DI-N-PROPYL | <0 33 | PPM |
| GCMS | PHENANTHRENE | 3 1 | PPM |
| GCMS | PYRENE | 0 80 | PPM |
| GCMS | 1,2,4-TRICHLOROBENZEN | <0 33 | PPM |
| AZOBENZENE(1,2-DIPHENYLHYDRAZI | | <1 6 | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
' = REPRINT N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

KTI tart remove

ENVIRONMENTAL SERVICES REFERENCE NUMBER 01

CHEM-BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

07/28/89 LABORATORY REPORT PAGE 1

F034 8438092 W81

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89205-F04490 SOIL /1023-4/4206 /#4 /FLOOR EAST EXCAVATION
DATE COLLECTED 07/20/89 DATE RECEIVED 07/24/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| GCMS BENZENE | <0 005 | PPM |
| GCMS BROMODICHLOROMETHANE | <0.005 | PPM |
| GCMS BROMOFORM | <0.005 | PPM |
| GCMS BROMOMETHANE | <0.010 | PPM |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM |
| GCMS CHLOROBENZENE | <0.005 | PPM |
| GCMS CHLOROETHANE | <0.010 | PPM |
| 2-CHLOROETHYLVINYL ETHER | <0.010 | PPM |
| GCMS CHLOROFORM | <0 005 | PPM |
| GCMS CHLOROMETHANE | <0 010 | PPM |
| GCMS DIBROMOCHLOROMETHANE | <0.005 | PPM |
| GCMS 1,1-DICHLOROETHANE | <0.005 | PPM |
| GCMS 1,2-DICHLOROETHANE | <0.005 | PPM |
| GCMS 1,1-DICHLOROETHENE | <0.005 | PPM |
| 1,2-DICHLOROETHENE (MIXED) | 0.16 | PPM |
| GCMS 1,2-DICHLOROPROPANE | <0.005 | PPM |
| GCMS CIS-1,3-DICHLOROPROPE | <0.005 | PPM |
| GCMS TRANS-1,3-DICHLORPROP | <0.005 | PPM |
| GCMS ETHYL BENZENE | 0 36 | PPM |
| GCMS METHYLENE CHLORIDE | 0.019 | PPM |
| | EQUIVALENT LEVELS FOUND IN METHOD BLANK, POSSIBLE LAB CONTAMINATION DUE TO BUILDING CONSTRUCTION | |
| GCMS 1,1,2,2-TETRACHLORETH | <0.005 | PPM |
| GCMS TETRACHLOROETHENE | <0 005 | PPM |
| GCMS TOLUENE | 0.009 | PPM |
| GCMS 1,1,1-TRICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1,2-TRICHLOROETHANE | <0.005 | PPM |
| GCMS TRICHLOROETHENE | 0 015 | PPM |
| GCMS TRICHLOROFLUOROMETHAN | <0 005 | PPM |
| GCMS VINYL CHLORIDE | <0.005 | PPM |
| GCMS ACROLEIN | <0.010 | PPM |
| GCMS ACRYLONITRILE | <0 010 | PPM |
| GCMS DICHLORODIFLUOROMETHA | 0 30 | PPM |
| | EQUIVALENT LEVELS FOUND IN METHOD BLANK, POSSIBLE | |

Floor East Excavation

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

CHEM-BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK, WI 53154-4599 (414) 764-7005

07/28/89 LABORATORY REPORT PAGE 2

F034 8438092 W81

FIN - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89205-F04490 SOIL /1023-4/4206 /#4 /FLOOR EAST EXCAVATION
DATE COLLECTED 07/20/89 DATE RECEIVED 07/24/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| | LAB CONTAMINATION DUE TO BUILDING CONSTRUCTION. | |
| XYLENES TOTAL | 0.58 | PPM |

Floor East Excavation

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I.H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

CHEM-BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

**ENVIRONMENTAL SERVICES** REFERENCE NUMBER 01

08/03/89 LABORATORY REPORT PAGE 1

F034 8437987 W70

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89202-F04412 SOIL/KTI 1023/1023-1 WEST WALL EAST EXCAVATION
DATE COLLECTED 07/20/89 DATE RECEIVED 07/21/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| N-HEXANE | <0 010 | PPM | | | ' |
| XYLENES TOTAL | 0 29 | PPM | | | ' |
| GCMS BENZENE | <0 005 | PPM | | | ' |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM | | | ' |
| GCMS BROMOFORM | <0 005 | PPM | | | ' |
| GCMS BROMOMETHANE | <0 010 | PPM | | | ' |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM | | | ' |
| GCMS CHLOROBENZENE | <0.005 | PPM | | | ! |
| GCMS CHLOROETHANE | <0 010 | PPM | | | ' |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM | | | ' |
| GCMS CHLOROFORM | <0 005 | PPM | | | ' |
| GCMS CHLOROMETHANE | <0 010 | PPM | | | ' |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM | | | ' |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM | | | ! |
| GCMS 1,2-DICHLOROETHANE | <0.005 | PPM | | | ' |
| GCMS 1,1-DICHLOROETHENE | <0 005 | PPM | | | ' |
| 1,2-DICHLOROETHENE (MIXED) | 0 11 | PPM | | | ' |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM | | | ' |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM | | | ' |
| GCMS TRANS-1,3-DICHLORPROP | <0 005 | PPM | | | ' |
| GCMS ETHYL BENZENE | 0 11 | PPM | | | ! |
| GCMS METHYLENE CHLORIDE | 0 043 | PPM | | | ! |
| | EQUIVALENT LEVELS FOUND IN METHOD BLANK, POSSIBLE LAB CONTAMINATION DUE TO BUILDING CONSTRUCTION | | | | |
| GCMS 1,1,2,2-TETRACHLORETH | <0 005 | PPM | | | ' |
| GCMS TETRACHLOROETHENE | 0 005 | PPM | | | ' |
| | EQUIVALENT LEVELS FOUND IN METHOD BLANK, POSSIBLE LAB CONTAMINATION DUE TO BUILDING CONSTRUTION | | | | |
| GCMS TOLUENE | 0 041 | PPM | | | ' |
| GCMS 1,1,1-TRICHLOROETHANE | <0 005 | PPM | | | ' |
| GCMS 1 1,2-TRICHLOROETHANE | <0 005 | PPM | | | ' |
| GCMS TRICHLOROETHENE | 0 59 | PPM | | | ' |
| GCMS TRICHLOROFLUOROMETHAN | <0 010 | PPM | | | ' |
| GCMS VINYL CHLORIDE | <0 010 | PPM | | | ! |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED

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CHEM-BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005



F034 8437987 W70

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89202-F04412 SOIL/KTI 1023/1023-1 WEST WALL EAST EXCAVATION
DATE COLLECTED 07/20/89 DATE RECEIVED 07/21/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| GCMS ACROLEIN | <0 10 | PPM | | | ' |
| GCMS ACRYLONITRILE | <0 10 | PPM | | | ' |
| GCMS DICHLORODIFLUOROMETHA | 0 021 | PPM | | | ' |
| | EQUIVALENT LEVELS FOUND IN METHOD BLANK, POSSIBLE LAB CONTAMINATION DUE TO BUILDING CONSTRUCTION | | | | |
| GCMS ACENAPHTHENE | <0 33 | PPM | | | ' |
| | SEE ATTACHED SHEET | | | | |
| GCMS ACENAPHTHYLENE | <0 33 | PPM | | | ' |
| GCMS ANTHRACENE | <0 33 | PPM | | | ' |
| GCMS BENZIDINE | <1 6 | PPM | | | ' |
| GCMS BENZO(A)ANTHRACENE | <0 33 | PPM | | | ' |
| GCMS BENZO(A)PYRENE | <0 33 | PPM | | | ! |
| GCMS BENZO(B)FLUORANTHENE | <0 33 | PPM | | | ' |
| GCMS BENZO(G,H,I)PERYLENE | <0 33 | PPM | | | ! |
| GCMS BENZO(K)FLUORANTHENE | <0 33 | PPM | | | ! |
| GCMS BENZYL BUTYL PHTHALAT | <0 33 | PPM | | | ! |
| GCMS BIS(2-CHLOROETHOXY)ME | <0 33 | PPM | | | ' |
| GCMS BIS(2-CHLOROETHYL)ETH | <0 33 | PPM | | | ' |
| GCMS BIS(2-CHLOROISOPROPYL | <0 33 | PPM | | | ' |
| GCMS BIS(2-ETHYLHEXYL)PHTH | <0 33 | PPM | | | ' |
| GCMS 4-BROMOPHENYL PHENYL | <0 33 | PPM | | | ' |
| GCMS 2-CHLORONAPHTHALENE | <0 33 | PPM | | | ' |
| GCMS 4-CHLOROPHENYL PHENYL | <0 33 | PPM | | | ! |
| GCMS CHRYSENE | <0 33 | PPM | | | ' |
| GCMS DIBENZO(A,H)ANTHRACEN | <0 33 | PPM | | | ' |
| GCMS 1,2-DICHLOROBENZENE | <0 33 | PPM | | | ! |
| GCMS 1,3-DICHLOROBENZENE | <0 33 | PPM | | | ! |
| GCMS 1,4-DICHLOROBENZENE | <0 33 | PPM | | | ' |
| GCMS 3,3' - DICHLOROBENZID | <0 66 | PPM | | | ! |
| GCMS DIETHYLPHTHALATE | <0 33 | PPM | | | ' |
| GCMS DIMETHYLPHTHALATE | <0 33 | PPM | | | ' |
| GCMS 2,4-DINITROTOLUENE | <0 33 | PPM | | | ! |
| GCMS 2,6-DINITROTOLUENE | <0 33 | PPM | | | ' |
| GCMS DI-N-BUTYLPHTHALATE | <0 33 | PPM | | | ' |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
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140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

**ENVIRONMENTAL SERVICES REFERENCE NUMBER** 01

08/03/89 LABORATORY REPORT 

F034 8437987 W70

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN RANDALL OLSON

SAMPLE 89202-F04412 SOIL/KTI 1023/1023-1 WEST WALL EAST EXCAVATION
DATE COLLECTED 07/20/89 DATE RECEIVED 07/21/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|---|
| GCMS DI-N-OCTYLPHTHALATE | <0 33 | PPM | | | | ! |
| GCMS FLUORANTHENE | <0 33 | PPM | | | | ! |
| GCMS FLUORENE | <0 33 | PPM | | | | ! |
| GCMS HEXACHLOROBENZENE | <0 33 | PPM | | | | ! |
| GCMS HEXACHLOROBUTADIENE | <0 33 | PPM | | | | ! |
| GCMS HEXACHLOROCYCLOPENTAD | <0 33 | PPM | | | | ! |
| GCMS HEXACHLOROETHANE | <0 33 | PPM | | | | ! |
| GCMS INDENO(1,2,3,C,D)PYRE | <0 33 | PPM | | | | ! |
| GCMS ISOPHORONE | <0 33 | PPM | | | | ! |
| GCMS NAPHTHALENE | <0 33 | PPM | | | | ! |
| GCMS NITROBENZENE | <0 33 | PPM | | | | ! |
| GCMS N-NITROSODIMETHYLAMIN | <0 33 | PPM | | | | ! |
| GCMS N-NITROSODIPHENYLAMIN | <0 33 | PPM | | | | ! |
| GCMS N-NITROSO-DI-N-PROPYL | <0 33 | PPM | | | | ! |
| CMS PHENANTHRENE | <0 33 | PPM | | | | ! |
| CMS PYRENE | <0 33 | PPM | | | | ! |
| CMS 1,2,4-TRICHLOROBENZEN | <0 33 | PPM | | | | ! |
| ZOBENZENE(1,2-DIPHENYLHYDRAZI | <1 6 | PPM | | | | ! |
| ARIUM - EP | | | 0 27 | MG/L | 100 0 | ! |
| ADMIUM - EP | | | <0 05 | MG/L | 1 0 | ! |
| HROMIUM - EP | | | <0 05 | MG/L | 5 0 | ! |
| EAD - EP | | | <0 5 | MG/L | 5 0 | ! |
| ILVER - EP | | | 0 02 | MG/L | 5 0 | ! |
| RSENIC - EP | | | <0 010 | MG/L | 5 0 | ! |
| LENIUM - EP | | | <0 020 | MG/L | 1 0 | ! |
| RCURY - EP | | | <0 0004 | MG/L | 0 2 | ! |

HODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES, 1979, EPA-600/4-79-020
T METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS, 1982, EPA SW846
ASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 S AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
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REFERENCE NUMBER 01

CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005

08/02/89 LABORATORY REPORT PAGE 1

F034 8437987 W70

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89202-F04415 SOIL/KTI 1023/1023-2 WEST EXCAVATION
DATE COLLECTED 07/20/89 DATE RECEIVED 07/21/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| N-HEXANE | <0 010 | PPM | | | |
| XYLENES TOTAL | 0 013 | PPM | | | |
| GCMS BENZENE | <0 005 | PPM | | | |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM | | | |
| GCMS BROMOFORM | <0.005 | PPM | | | |
| GCMS BROMOMETHANE | <0 010 | PPM | | | |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM | | | |
| GCMS CHLOROBENZENE | <0 005 | PPM | | | |
| GCMS CHLOROETHANE | <0 010 | PPM | | | |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM | | | |
| GCMS CHLOROFORM | <0.005 | PPM | | | |
| GCMS CHLOROMETHANE | <0 010 | PPM | | | |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM | | | |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM | | | |
| GCMS 1,2-DICHLOROETHANE | <0 005 | PPM | | | |
| GCMS 1,1-DICHLOROETHENE | <0 005 | PPM | | | |
| 1,2-DICHLOROETHENE (MIXED) | <0 005 | PPM | | | |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM | | | |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM | | | |
| GCMS TRANS-1,3-DICHLORPROP | <0.005 | PPM | | | |
| GCMS ETHYL BENZENE | 0 005 | PPM | | | |
| GCMS METHYLENE CHLORIDE | 0 020 | PPM | | | |
| | EQUIVALENT LEVELS FOUND IN METHOD BLANK, POSSIBLE LAB CONTAMINATION DUE TO BUILDING CONSTRUCTION | | | | |
| GCMS 1,1,2,2-TETRACHLORETH | <0 005 | PPM | | | |
| GCMS TETRACHLOROETHENE | 0 008 | PPM | | | |
| GCMS TOLUENE | <0 005 | PPM | | | |
| GCMS 1,1,1-TRICHLOROETHANE | <0 005 | PPM | | | |
| GCMS 1,1,2-TRICHLOROETHANE | <0 005 | PPM | | | |
| GCMS TRICHLOROETHENE | <0 005 | PPM | | | |
| GCMS TRICHLOROFLUOROMETHAN | <0 010 | PPM | | | |
| GCMS VINYL CHLORIDE | <0 010 | PPM | | | |
| GCMS ACROLEIN | <0 10 | PPM | | | |
| GCMS ACRYLONITRILE | <0 10 | PPM | | | |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT. WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED

N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005



F034 8437987 W70

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89202-F04415 SOIL/KTI 1023/1023-2 WEST EXCAVATION
DATE COLLECTED 07/20/89 DATE RECEIVED 07/21/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| GCMS DICHLORODIFLUOROMETHA | 0 020 | PPM | | | |
| | EQUIVALENT LEVELS FOUND IN METHOD BLANK, POSSIBLE LAB CONTAMINATION DUE TO BUILDING CONSTRUCTION | | | | |
| GCMS ACENAPHTHENE | <0 33 | PPM | | | |
| | SEE ATTACHED SHEET | | | | |
| GCMS ACENAPHTHYLENE | <0.33 | PPM | | | |
| GCMS ANTHRACENE | <0 33 | PPM | | | |
| GCMS BENZIDINE | <1.6 | PPM | | | |
| GCMS BENZO(A)ANTHRACENE | <0 33 | PPM | | | |
| GCMS BENZO(A)PYRENE | <0 33 | PPM | | | |
| GCMS BENZO(B)FLUORANTHENE | <0.33 | PPM | | | |
| GCMS BENZO(G,H,I)PERYLENE | <0 33 | PPM | | | |
| GCMS BENZO(K)FLUORANTHENE | <0.33 | PPM | | | |
| GCMS BENZYL BUTYL PHTHALAT | <0.33 | PPM | | | |
| GCMS BIS(2-CHLOROETHOXY)ME | <0 33 | PPM | | | |
| GCMS BIS(2-CHLOROETHYL)ETH | <0 33 | PPM | | | |
| GCMS BIS(2-CHLOROISOPROPYL | <0 33 | PPM | | | |
| GCMS BIS(2-ETHYLHEXYL)PHTH | <0 33 | PPM | | | |
| GCMS 4-BROMOPHENYL PHENYL | <0 33 | PPM | | | |
| GCMS 2-CHLORONAPHTHALENE | <0 33 | PPM | | | |
| GCMS 4-CHLOROPHENYL PHENYL | <0 33 | PPM | | | |
| GCMS CHRYSENE | <0 33 | PPM | | | |
| GCMS DIBENZO(A,H)ANTHRACEN | <0 33 | PPM | | | |
| GCMS 1,2-DICHLOROBENZENE | <0 33 | PPM | | | |
| GCMS 1,3-DICHLOROBENZENE | <0 33 | PPM | | | |
| GCMS 1,4-DICHLOROBENZENE | <0 33 | PPM | | | |
| GCMS 3,3' - DICHLOROBENZID | <0 66 | PPM | | | |
| GCMS DIETHYLPHTHALATE | <0 33 | PPM | | | |
| GCMS DIMETHYLPHTHALATE | <0 33 | PPM | | | |
| GCMS 2,4-DINITROTOLUENE | <0 33 | PPM | | | |
| GCMS 2,6-DINITROTOLUENE | <0 33 | PPM | | | |
| GCMS DI-N-BUTYLPHTHALATE | <0.33 | PPM | | | |
| GCMS DI-N-OCTYLPHTHALATE | <0 33 | PPM | | | |
| GCMS FLUORANTHENE | <0 33 | PPM | | | |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL GEE

CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4399 (414) 764 7005

**ENVIRONMENTAL SERVICES**

REFERENCE NUMBER 01

08/02/89 LABORATORY REPORT 

F034 8437987 W70

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89202-F04415 SOIL/KTI 1023/1023-2 WEST EXCAVATION
DATE COLLECTED 07/20/89 DATE RECEIVED 07/21/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|---|
| GCMS FLUORENE | <0 33 | PPM | | | | |
| GCMS HEXACHLOROBENZENE | <0 33 | PPM | | | | |
| GCMS HEXACHLOROBUTADIENE | <0 33 | PPM | | | | |
| GCMS HEXACHLOROCYCLOPENTAD | <0 33 | PPM | | | | |
| GCMS HEXACHLOROETHANE | <0 33 | PPM | | | | |
| GCMS INDENO(1,2,3,C,D)PYRE | <0 33 | PPM | | | | |
| GCMS ISOPHORONE | <0 33 | PPM | | | | |
| GCMS NAPHTHALENE | <0 33 | PPM | | | | |
| GCMS NITROBENZENE | <0 33 | PPM | | | | |
| GCMS N-NITROSODIMETHYLAMIN | <0 33 | PPM | | | | |
| GCMS N-NITROSODIPHENYLAMIN | <0 33 | PPM | | | | |
| GCMS N-NITROSO-DI-N-PROPYL | <0 33 | PPM | | | | |
| GCMS PHENANTHRENE | <0 33 | PPM | | | | |
| GCMS PYRENE | <0 33 | PPM | | | | |
| GCMS 1,2,4-TRICHLOROBENZEN | <0 33 | PPM | | | | |
| AZOBENZENE(1,2-DIPHENYLHYDRAZI | <1 6 | PPM | | | | |
| BARIUM - EP | | | 0 06 | MG/L | 100 0 | |
| CADMIUM - EP | | | <0 02 | MG/L | 1 0 | |
| CHROMIUM - EP | | | <0 02 | MG/L | 5 0 | |
| LEAD - EP | | | <0 2 | MG/L | 5 0 | |
| SILVER - EP | | | <0 02 | MG/L | 5 0 | |
| ARSENIC - EP | | | <0 010 | MG/L | 5 0 | |
| SELENIUM - EP | | | <0 020 | MG/L | 1 0 | |
| MERCURY - EP | | | <0 0004 | MG/L | 0 2 | |

CHEMBIO LABORATORY — RECEIVED
AUG 2 1989

METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES, 1979, EPA-600/4-79-020
TEST METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS, 1982, EPA SW846
PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 4 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

REFERENCE NUMBER 01

ENVIRONMENTAL SERVICES
CHEM-BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

08/24/89 LABORATORY REPORT PAGE 1

F034 8438873 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89222-F04420 89208-F04412/KTI/PROJECT # 1023/UST/TIME 1113/#2/
WEST UST EXCAVATION/PO # 4341
DATE COLLECTED 07/26/89 DATE RECEIVED 08/10/89

| TEST NAME | RESULT | UNITS | |
|---|---|---|---|
| TOTAL PETROLEUM HYDROCARBONS | 15 | PPM | |
| | #1 DIESEL STANDARD | BASED ON SIMILARITIES TO #1 DIESEL | |
| GCMS 2-CHLOROPHENOL | <0 33 | PPM | |
| GCMS 4-CHLORO-3-METHYLPHEN | <0 33 | PPM | |
| GCMS 2,4-DICHLOROPHENOL | <0 33 | PPM | |
| GCMS 2,4-DIMETHYLPHENOL | <0 33 | PPM | |
| GCMS 2,4-DINITROPHENOL | <1 6 | PPM | |
| GCMS 4,6-DINITRO-2-METHYLP | <1 6 | PPM | |
| GCMS 2-NITROPHENOL | <0 33 | PPM | |
| GCMS 4-NITROPHENOL | <1 6 | PPM | |
| GCMS PENTACHLOROPHENOL | <1 6 | PPM | |
| GCMS PHENOL | <0 33 | PPM | |
| GCMS 2,4,6-TRICHLOROPHENOL | <0 33 | PPM | |
| GCMS ACENAPHTHENE | <0 33 | PPM | |
| GCMS ACENAPHTHYLENE | <0 33 | PPM | |
| GCMS ANTHRACENE | <0 33 | PPM | |
| GCMS BENZIDINE | <1 6 | PPM | |
| GCMS BENZO(A)ANTHRACENE | <0 33 | PPM | |
| GCMS BENZO(A)PYRENE | <0 33 | PPM | |
| GCMS BENZO(B)FLUORANTHENE | <0 33 | PPM | |
| GCMS BENZO(G,H,I)PERYLENE | <0 33 | PPM | |
| GCMS BENZO(K)FLUORANTHENE | <0 33 | PPM | |
| GCMS BENZYL BUTYL PHTHALAT | 1 7 | PPM | |
| GCMS BIS(2-CHLOROETHOXY)ME | <0 33 | PPM | |
| GCMS BIS(2-CHLOROETHYL)ETH | <0 33 | PPM | |
| GCMS BIS(2-CHLOROISOPROPYL | <0 33 | PPM | |
| GCMS BIS(2-ETHYLHEXYL)PHTH | <0 33 | PPM | |
| GCMS 4-BROMOPHENYL PHENYL | <0 33 | PPM | |
| GCMS 2-CHLORONAPHTHALENE | <0 33 | PPM | |
| GCMS 4-CHLOROPHENYL PHENYL | <0 33 | PPM | |
| GCMS CHRYSENE | <0 33 | PPM | |
| GCMS DIBENZO(A,H)ANTHRACEN | <0 33 | PPM | |

excavated tank removal

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED

' = REPRINT N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005



F034 8438873 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89222-F04420 89208-F04412/KTI/PROJECT # 1023/UST/TIME 1113/#2/
WEST UST EXCAVATION/PO # 4341
DATE COLLECTED 07/26/89 DATE RECEIVED 08/10/89

| TEST NAME | RESULT | UNITS | |
|---|---|---|---|
| GCMS 1,2-DICHLOROBENZENE | <0 33 | PPM | ' |
| GCMS 1,3-DICHLOROBENZENE | <0 33 | PPM | ' |
| GCMS 1,4-DICHLOROBENZENE | <0 33 | PPM | |
| GCMS 3,3' - DICHLOROBENZID | <0 66 | PPM | ! |
| GCMS DIETHYLPHTHALATE | <0 33 | PPM | ! |
| GCMS DIMETHYLPHTHALATE | <0 33 | PPM | ! |
| GCMS 2,4-DINITROTOLUENE | <0 33 | PPM | ' |
| GCMS 2,6-DINITROTOLUENE | <0 33 | PPM | ! |
| GCMS DI-N-BUTYLPHTHALATE | 0 37 | PPM | ! |
| GCMS DI-N-OCTYLPHTHALATE | <0 33 | PPM | ' |
| GCMS FLUORANTHENE | <0 33 | PPM | ' |
| GCMS FLUORENE | <0 33 | PPM | ! |
| GCMS HEXACHLOROBENZENE | <0 33 | PPM | |
| GCMS HEXACHLOROBUTADIENE | <0 33 | PPM | ' |
| GCMS HEXACHLOROCYCLOPENTAD | <0 33 | PPM | ' |
| GCMS HEXACHLOROETHANE | <0 33 | PPM | ' |
| GCMS INDENO(1,2,3,C,D)PYRE | <0 33 | PPM | ! |
| GCMS ISOPHORONE | <0 33 | PPM | ! |
| GCMS NAPHTHALENE | <0 33 | PPM | ! |
| GCMS NITROBENZENE | <0 33 | PPM | ' |
| GCMS N-NITROSODIMETHYLAMIN | <0 33 | PPM | |
| GCMS N-NITROSODIPHENYLAMIN | <0 33 | PPM | |
| GCMS N-NITROSO-DI-N-PROPYL | <0 33 | PPM | ! |
| GCMS PHENANTHRENE | <0 33 | PPM | ! |
| GCMS PYRENE | <0 33 | PPM | ! |
| GCMS 1,2,4-TRICHLOROBENZEN | <0 33 | PPM | ! |
| AZOBENZENE(1,2-DIPHENYLHYDRAZI | <1 6 | PPM | ! |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED

' = REPRINT N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL GEE

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005

20/C300071 / Winnebago
Kaney Transportation Inc (891281)
7222 Cunningham Rd
Fuel / Tank Report

08/03/89 LABORATORY REPORT PAGE 2

F034 8438271 W81
CB/# / / /

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN RANDALL OLSON

SAMPLE 89208-F04412 PR1,PG /KTI 1023 /UST /TIME 1113 /#2 /WEST UST EXCAVATION
DATE COLLECTED 07/26/89 DATE RECEIVED 07/27/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| P-CRESOL | <0 010 | PPM | | | |
| NITROBENZENE | <0.010 | PPM | | | |
| PYRIDINE | <0 010 | PPM | | | |
| 1,1,2- TRICHLOROETHANE | <1 0 | PPM | | | |
| EXTRACTABLE ORGANIC HALIDE | <20 | PPM | | | |
| LOAD BEARING(PENETROMETER) | <0 5 | TON/SQF | | | |
| ACID REACTIVITY | | PPM | | | |
| | GAS EVOLVED | | | | |
| BASE REACTIVITY | NONE | PPM | | | |
| WATER REACTIVITY | | | | | |
| NEGATIVE | | | | | |
| CADMIUM - TOTAL | <0.25 | PPM | | | |
| CHROMIUM - TOTAL | 4 6 | PPM | | | |
| LEAD - TOTAL | 4 4 | PPM | | | |
| BARIUM - TOTAL | 28 | PPM | | | |
| SILVER - TOTAL | <0 25 | PPM | | | |
| ARSENIC - TOTAL | 2 1 | PPM | | | |
| SELENIUM - TOTAL | <0.50 | PPM | | | |
| MERCURY - TOTAL | 0 012 | PPM | | | |
| COLOR | BROWN | | | | |
| ACIDITY, AS CACO3 | <100 | PPM | | | |
| ALKALINITY TOTAL, AS CACO3 | 430 | PPM | | | |
| PH (UNITS) | 5.9 | | | 2 0-12 5 | |
| | PH MEASURED AS SOLID IN WATER. | | | | |
| TOTAL CYANIDE | <10 | PPM | | | |
| REACTIVE CYANIDE | <10 | PPM | | | |
| TOTAL SULFIDE | <2 | PPM | | | |
| REACTIVE SULFIDE | <2 | PPM | | | |
| TOTAL ORGANIC CARBON | 9400 | PPM | | | |
| FLASH POINT (FAHRENHEIT) | >210 | DEG F | | 140 0 | |
| SPECIFIC GRAVITY | 1 95 | G/ML | | | |

West Excavation
Disposal

METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES, 1979, EPA-600/4-79-020
TEST METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS, 1982 EPA SW846
PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED.
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY MEMORANDUM

DATE August 1, 1989

TO Division File

FROM Thomas McNamee TMc Region 1

SUBJECT 2010300071--Winnebago County
Rockford/Kaney Transportation, Inc
ILD064006901
Compliance File

The subject facility was visited two separate times on July 17, 1989 by Tom McNamee The first visit was from 7 30 a m until 9 00 a m and the second visit occurred between 1 05 p m and approximately 2 00 p m The purpose of the visit was to observe FIW sample the drums of waste which had been excavated on the property of KTI

During my morning visit, FIW overpacked the mangled rusted drums The total number of drums which had been overpacked consisted of twenty-one (21) drums of liquid waste and sixteen (16) drums of solid waste

During my afternoon visit, I observed the sampling of the liquid waste which FIW personnel conducted Sampling was performed with a coliwasa tube All drums containing liquid were sampled with the same coliwasa tube, all the samples were put into a plastic bucket, mixed together and a sample of that mixture was obtained for analysis

Of the thirty-seven drums of waste, twenty were identified numerically but the remaining seventeen were not numerically identified

The following chart specifies the drum number and the general sample appearance

| | |
|---|---|
| Drum #1 - Liquid black, tarry | Drum #11 - Liquid/clear |
| 2 - Liquid/black, tarry | 12 - Liquid/clear |
| 3 - Solid | 13 - Liquid/clear |
| 4 - Solid | 14 - Liquid/brownish, oily |
| 5 - Liquid/black, tarry | 15 - Liquid/milky, clear, thin |
| 6 - Solid | 16 - Liquid/light brown |
| 7 - Solid | 17 - Liquid/red/orange, viscous |
| 8 - Solid | 18 - Liquid/clear |
| 9 - Liquid/black | 19 - Solid |
| 10 - Liquid/black | 20 - Liquid/clear, oily |

The liquid contained in non-numbered drums is as listed below

Liquid/black, thick
Liquid/milky to clear (dissolved sample residue on coliwasa)
Liquid/black
Liquid/clear
Liquid/light tan

RECEIVED
AUG 1 1989
IEPA DLPC

TMc/cm
cc Rockford Region
Ken Page

IL 532 0570
EPA 90 (Re 6/75 20M)

RE KTI INC

ENVIRONMENTAL PROTECTION AGENCY
STATE OF ILLINOIS
ROUTE SLIP

DIVISION

REFERENCE NUMBER 5298 JUN12

Collector J M ADAM

City ROCKFORD

Stream Code

DATE 7-2-80

TO FRED BRANDT
CURTIS D WORDEN LTD
972 N MAIN ST
ROCKFORD, IL 61103

TERSOIL SAMPLE(S) OF
RS) OF LAGOON BOTTOM
MORE BELOW SURFACE

WATER LEACH

JOHNSTON/MCCLURE CAKE

| | Remarks |
|---|---|
| ___ Approval | DOUG KARP ASKED |
| ___ As requested | THIS DATE THAT I |
| ___ Comment | FORWARD THESE |
| ___ Confer | LAB RESULTS TO |
| ✓ For information | YOU |
| ___ For recommendation | |
| ___ Investigate | |
| ___ Necessary action | |
| ___ Note and destroy | |
| ___ Note and file | |
| ___ Note and return | |
| ___ Per conversation | |
| ___ Prepare reply | |
| ___ Signature | |

FROM J M Adam

EPA 1 (Rev 7 75 20m)

| | | | | | |
|---|---|---|---|---|---|
| 0.03 | Copper | 0.00 | Ammonia (N) | | |
| | Chromium (Cr) | | Organic Nitrogen (N) | | pH (units) |
| 0.01 | Total Chromium (Hex) | | Nitrate + Nitrite (N) | | Turbidity (JTU) |
| 8.6 | Iron (total) | 0.74 | Phosphorus (P) | | Sulfide |
| | Iron (Dissolved) | 7 | Chloride | | Alkalinity |
| 0.03 | Lead | 505 | Fluoride | | Total Acidity |
| | Manganese | 13 | Sulfate | | Free Acidity |
| | Mercury (ppb) | .02 | Cyanide | | Oil |
| 0.0 | Nickel | | MBAS | | Other (specify) |
| | Selenium | 0.023 | Phenol (ppb) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

100 lb. per paper

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Received by [illegible]

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Received by

FOR LAB USE ONLY

Lab Number 5298 Received by [illegible]

Date sample received 6-12-80 Time [illegible]

Date analysis completed

Date results forwarded 6-30-80

Total Tests requested 14 Tests run

Lab Section Chem Supervisor [illegible]

/73 1A03

SPECIAL ANALYSIS FORM

5298 JUN12

Bjr

Time Collected 10 AM | Sub Basin ROCKFORD

Date Collected 6-11-80 | Collector J M ADAM

Facility Name KANEY TRANSPORTATION INC | Facility Number | File Town ROCKFORD

Stream Name( ) | Stream Code

Source of Sample (Exact Location) COMPOSITE (SOIL SAMPLE) OF FOUR LOCATIONS (CORNERS) OF LAGOON BOTTOM SAMPLES COLLECTED 6' OR MORE BELOW SURFACE

Physical Observation Remarks

WATER (FIC)

SAMPLE SPLIT WITH LDU JOHNSTON/McCLURE ENGR

| | | | | | |
|---|---|---|---|---|---|
| | Arsenic | | Coliform /100 ml | | |
| | Barium | | Fecal Coliform 100 | | |
| | Boron | | Fecal Strep 100 ml | | |
| 0.00 | Cadmium | | Algae (Total) / ml | | |
| 0.02 | Copper | 0.00 | Ammonia ( ) | | |
| | Chromium (Tot) | | Organic Nitrogen (N) | | pH (Tot) |
| 0.01 | TOTAL Chromium (Hex) | | Nitrate + Nitrite( ) | | Turbidity (TU) |
| 8.6 | Iron (Total) | 0.74 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 7 | Chloride | | Alkalinity |
| 0.03 | Lead | 5.05 | Fluoride | | Total Acidity |
| | Manganese | 12 | Sulfate | | Free Acidity |
| | Mercury (ppb) | .02 | Cyanide | | Oil |
| 0.0 | Nickel | | MBAS | | Other (Specify) |
| | Selenium | 0.023 | Phenol (ppb) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

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Received by

FOR LAB USE ONLY

Lab Number 5298 Rec'd by [signature]

Date sample rec'd 6-11-80 Time [illegible]

Date analysis completed

Date results forwarded 6-20-80

Total Tests requested 14 Tests run

Lab Section Chicago Supervisor J Daugherty

3/73 LAB3

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY—DIVISION OF WATER POLLUTION CONTROL

SPECIAL ANALYSIS FORM

5299 JUN12

REFERENCE NUMBER 01

Time Collected 10 10 Sub-Basin ROCKFORD

Date Collected 6-11-80 Collector J. M ADAM

Facility Name Facility Number File Form

KANEY TRANSPORTATION INC ROCKFORD

Stream Code

Source of Sample (Exact Location) KANEY PROPERTY ALONG WEST PROPERTY LINE ABOUT 150' NORTH OF SW CORNER OF PROPERTY SOIL SAMPLE

Special Operations Initial WATER LEACH

SAMPLE SPLIT WITH ODD JOHNSON / McCLURE CHEM

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| 0.0 | | | | | |
| 0.0 | | 0.00 | | | |
| | Chromium (tri) | | Organic Nitrogen ( ) | | |
| 0.0 | Chromium (Total) | | Nitrate + Nitrite ( ) | | Turbidity (NTU) |
| | Iron (Total) | 0.67 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 13 | Chloride | | Alkalinity |
| < 0.03 | Lead | 0.11 | Fluoride | | Total Acidity |
| | Manganese | 26 | Sulfate | | Free Acidity |
| | Mercury (ppb) | 0.00 | Cyanide | | Oil |
| 0.0 | Nickel | | MBAS | | Other (Specify) |
| | Selenium | 0.00 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

1002 Recycled Paper

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Transported by

Received by

FOR LAB USE ONLY

Lab Number C005299 Rec'd by [illegible]

Date sample rec'd [illegible] Time [illegible]

Date analysis completed

Date results forwarded 6-30-88

Total tests requested 13 Tests run

Lab Section Chicago Supervisor [signature]

3/73 LAB3

C 409

# SPECIAL ANALYSIS FORM

Time Collected 4 35 PM

Sub-Basin ROCKFORD

Date Collected FEB 22, 1977

Collector [illegible]

Facility Name KANEY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) DRAINAGE DITCH 200' UPSTREAM OF RUNOFF FROM OVERFLOW FROM KANEY LAGOON AND 200' DOWNSTREAM FROM ILLINOIS CENTRAL RR TRESTLE

Physical Observations, Remarks CLEAR, LIGHT BROWN COLOR, NO VISIBLE OIL ON SURFACE OF WATER

WEATHER CLOUDY 40°F SE WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 260 | COD |
| | Boron | | Fecal Strep 100 ml | 252 | TS/EC |
| 000 | Cadmium | | Algae (Total) /ml | 22 | Susp Solids |
| 001 | Copper | 7.7 | Ammonia (N) | | Vol Susp Solids |
| 000 | Chromium (tri) | | Organic Nitrogen (N) | 6.7 | pH (units) |
| 000 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.4 | Iron (Total) | 4.5 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 50 | Chloride | | Alkalinity |
| 001 | Lead | 0.4 | Fluoride | | Total Acidity |
| 022 | Manganese | 16 | Sulfate | | Free Acidity |
| 00 | Mercury (ppb) | 000 | Cyanide | 9 | Oil |
| 00 | Nickel | | [redacted] | | Other (Specify) |
| | Selenium | | [redacted] | | |
| | Silver | | | | |
| 00 | Zinc | | | | |

Results in mg/l unless otherwise noted

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FOR LAB USE ONLY

Lab Number C004100 Rec'd by R Kac-

Date sample rec'd 2-23-77 Time 3 2

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 23 Tests ru-

Lab Section Chemo Supervisor [illegible]

3/73 LAB 3

Exhibit C

(mitigation [illegible] 14 [illegible] 31 [illegible]

C 4102

SPECIAL ANALYSIS FORM

REFERENCE NUMBER 01

Time Collected 4 45 PM

Sub-Basin

Date Collected FEB 22, 1977

Collector Gerald R Hoolman

Facility Name KANEY TRANSPORTATION INC

Facility Number

Nile Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) 25' DOWNSTREAM IN DRAINAGE DITCH FROM RUNOFF INTO DRAINAGE DITCH FROM OVERFLOW FROM KTI LAGOON

Physical Observations, Remarks TURBID MEDIUM BROWN COLOR

WEATHER: CLOUDY 40°F SE WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0 0 | Barium | | Fecal Coliform 100 ml | 270 | COD |
| | Boron | | Fecal Strep 100 ml | 157 | TS/EC |
| 0 0 0 | Cadmium | | Algae (Total) /ml | 18 | Susp Solids |
| 0 0 1 | Copper | 0.04 | Ammonia (N) | | Vol Susp Solids |
| 0 0 0 | Chromium (tri) | | Organic Nitrogen (N) | 6 8 | pH (units) |
| 0 0 0 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.6 | Iron (Total) | 1.6 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 23 | Chloride | | Alkalinity |
| 0 0 1 | Lead | 0.9 | Fluoride | | Total Acidity |
| 0 0 9 | Manganese | 14 | Sulfate | | Free Acidity |
| 0.1 | Mercury (ppb) | 0 0 0 | Cyanide | 3 | Oil |
| 0 0 | Nickel | | [redacted] | | Other (Specify) |
| | Selenium | 1.700 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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FOR LAB USE ONLY

Lab Number G004102 Rec'd by R Kao

Date sample rec'd 2-23 77 Time 3 2

Date analysis completed 3-4-77

Date results forwarded 3 7 77

Total Tests requested 24 Tests run

Lab Section Chemistry Supervisor [signature]

3/73 LAB 3

Exhibit D

Complainants EXH 16 ID JL 3/21/80

3

SPECIAL ANALYSIS FORM C 4103

Time Collected 4 55 PM

Sub-Basin ROCKFORD

Date Collected FEB 22, 1977

Collector Gerald B Holmes

Facility Name KANEY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) KTI WASTEWATER LAGOON SOUTH EDGE OF LAGOON - 15' FROM SE CORNER. SAMPLE COLLECTED IMMEDIATELY ADJACENT TO WHERE LAGOON HAD OVERFLOWED PREVIOUSL

Physical Observations, Remarks LAGOON CONTAINED VISCOUS MATERIALS COLORED BLUE, GREEN, RED. ODOR OF VARNISH-LIKE SUBSTANCE PRESENT WEATHER: CLOUDY 40°F SE WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.00 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 1300 | COD |
| | Boron | | Fecal Strep 100 ml | 345 | TS/EC |
| 0.01 | Cadmium | | Algae (Total) /ml | 40 | Susp Solids |
| 0.07 | Copper | 4.4 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 90 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 1.2 | Iron (Total) | 10.0 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 27 | Chloride | | Alkalinity |
| 0.14 | Lead | 5.1 | Fluoride | | Total Acidity |
| 0.08 | Manganese | 18 | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | 0.03 | Cyanide | | ~~Oil~~ |
| 0.0 | Nickel | | [illegible] | | Other (Specify) |
| | Selenium | 17,000 | Phenol (ppm) | | |
| | Silver | | | | |
| 1.1 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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FOR LAB USE ONLY

Lab Number C004103 Rec'd by R Kac

Date sample rec'd 2-23-77 Time 3:22

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 23 Tests run

Lab Section Chicago Supervisor P Makarchi

3/73 LAB 3 Complainants EXH 15 SD JL 3/21/80 Exhibit E

45

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SPECIAL ANALYSIS FORM C 4104

REFERENCE NUMBER 01

Time Collected 5 10 PM

Sub-Basin ROCKFORD

Date Collected FEB 22, 1977

Collector Gerald B Holmes

Facility Name KANEY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) DRAINAGE DITCH ABOUT 1000' DOWNSTREAM (EAST) OF KTI LAGOON. ALSO 50-100' EAST OF MERIDIAN ROAD.

Physical Observations, Remarks LIGHT BROWN COLOR, VISIBLE OIL ON WATER SURFACE. STREAM DILUTED BY MELTING SNOW WEATHER CLOUDY 40°F SE WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 120 | COD |
| | Boron | | Fecal Strep 100 ml | 305 | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 46 | Susp Solids |
| 0.60 | Copper | 0.23 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 7.5 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.9 | Iron (Total) | 0.81 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 31 | Chloride | | Alkalinity |
| 0.02 | Lead | 0.3 | Fluoride | | Total Acidity |
| 0.09 | Manganese | 28 | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | 0.00 | Cyanide | 9 | Oil |
| 0.0 | Nickel | | [illegible] | | Other (Specify) |
| | Selenium | 0.465 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

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FOR LAB USE ONLY

Lab Number C004104 Rec'd by R Kacu

Date sample rec'd 2-23 77 Time 3 2

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run

Lab Section Chicago Supervisor P Makara

3/73 LAB 3

Complainants EXH 17 ID JL 3/21/80

Exhibit F

5

SPECIAL ANALYSIS FORM

C 4105

Time Collected 10:50 AM

Sub-Basin ROCKFORD

Date Collected FEB 23, 1977

Collector [signature]

Facility Name KANEU TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) DRAINAGE DITCH 200' UPSTREAM OF RUNOFF FROM OVERFLOW FROM KTI LAGOON AND 200' DOWNSTREAM FROM ILLINOIS CENTRAL RR TRESTLE

Physical Observations, Remarks CLEAR, LIGHT BROWN COLOR, NO VISIBLE OIL ON SURFACE OF WATER

WEATHER. RAIN 40°F S WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| 0.000 Arsenic | | Coliform/100ml | BOD |
| 0.0 Barium | | Fecal Coliform 100 ml | ~~[illegible]~~ COD |
| Boron | | Fecal Strep 100 ml | 204 TS/EC |
| 0.00 Cadmium | | Algae (Total) /ml | 42 Susp Solids |
| 0.00 Copper | 2.8 | Ammonia (N) | Vol Susp Solids |
| 0.00 Chromium (tri) | | Organic Nitrogen (N) | 65 pH (units) |
| 0.00 Chromium (hex | | Nitrate + Nitrite(N) | Turbidity (JTU) |
| 0.8 Iron (Total) | 1.7 | Phosphorus (P) | Hardness |
| Iron (Dissolved) | 44 | Chloride | Alkalinity |
| 0.01 Lead | 0.3 | Fluoride | Total Acidity |
| 0.19 Manganese | 16 | Sulfate | Free Acidity |
| 0 0 Mercury (ppb) | 0.00 | Cyanide | 1 Oil |
| 0.0 Nickel | | [illegible] | 240 Other (Specify) COD |
| Selenium | 0.025 | Phenol (ppm) | |
| Silver | | | |
| 0.0 Zinc | | | |

Results in mg/l unless otherwise noted

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FOR LAB USE ONLY

Lab Number C004105 Rec'd by R Knowl

Date sample rec'd 2-23-77 Time 3 28

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run

Lab Section Chicago Supervisor P Makarchi

3/73 LAB 3

Complainants' EXH 19 ID JL 3/21/80 Exh. 6.8 G

6

SPECIAL ANALYSIS FORM

C 4106

REFERENCE NUMBER 01

Time Collected 11:00 AM

Date Collected FEB 23, 1977

Collector Gerald B Holmes

Facility Name: KANEY TRANSPORTATION INC

Facility Number

File Town: ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) 25' DOWNSTREAM IN DRAINAGE DITCH FROM RUNOFF INTO DRAINAGE DITCH FROM OVERFLOW FROM KTI LAGOON.

Physical Observations, Remarks TURBID, MEDIUM TO DARK BROWN COLOR

WEATHER: RAIN 40°F S WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 235 | COD |
| | Boron | | Fecal Strep 100 ml | 191 | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 41 | Susp Solids |
| 0.01 | Copper | 2.4 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 6.5 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.9 | Iron (Total) | 16 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 40 | Chloride | | Alkalinity |
| 0.01 | Lead | 0.3 | Fluoride | | Total Acidity |
| 0.17 | Manganese | 16 | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | 0.00 | Cyanide | 2 | Oil |
| 0.0 | Nickel | | [redacted] | | Other (Specify) |
| | Selenium | 0.25 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

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FOR LAB USE ONLY

Lab Number C004106 Rec'd by RKao

Date sample rec'd 2-23-77 Time 3:2

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run

Lab Section Chemo Supervisor P Makare

3/73 LAB 3

Complainant's Exh 20 ID JL 3/6/80

Exhibit H

7

C 4107

SPECIAL ANALYSIS FORM

Time Collected 11:10 AM

Sub-Basin ROCKFORD

Date Collected FEB 23, 1977

Collector Gerald B Holmes

Facility Name KANEY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) KTI LAGOON FOR WASTEWATER SAMPLE TAKEN FROM S EDGE OF LAGOON 15' FROM SE CORNER IMMEDIATELY ADJACENT TO WHERE LAGOON HAD PREVIOUSLY OVERFLOWED

Physical Observations, Remarks LAGOON CONTAINED SOLIDS COLORED BLUE GREEN, RED, AND YELLOW. VARNISH LIKE ODOR PRESENT WEATHER. RAIN 40°F SWIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0 0 | Barium | | Fecal Coliform 100 ml | 1150 | COD |
| | Boron | | Fecal Strep 100 ml | 306 | TS/EC |
| 0 00 | Cadmium | | Algae (Total) /ml | 250 | Susp Solids |
| 0 01 | Copper | 5.1 | Ammonia (N) | | Vol Susp Solids |
| 0 00 | Chromium (tri) | | Organic Nitrogen (N) | 8.4 | pH (units) |
| 0 00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0 2 | Iron (Total) | 13.0 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 22 | Chloride | | Alkalinity |
| 0 02 | Lead | 42 | Fluoride | | Total Acidity |
| 0.02 | Manganese | 14 | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | 0 03 | Cyanide | | [illegible] |
| 0 0 | Nickel | | [illegible] | | Other (Specify) |
| | Selenium | 14 000 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.2 | Zinc | | | | |

Results in mg/l unless otherwise noted

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Lab Number C004107 Rec'd by R Kac

Date sample rec'd 2-23-77 Time 3 2

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 23 Tests run

Lab Section Chicago P Makarcz Supervisor

3/73 LAB 3 Complainants EXH 21 ID JL 3/21/80 Exhibit I

0-

SPECIAL ANALYSIS FORM

C 4108

REFERENCE NUMBER 01

Time Collected 11 15 A

Sub-Basin

Date Collected 2-23-77

Collector Gerald B Holmes

Facility Name Facility Number File Town

Kansas Transportation Rockford

Stream Name(s) Stream Code

Source of Sample (Exact Location) LIQUID FLOWING THROUGH WASHOUT IN SAND BERM ALONG EAST EDGE OF KTI CORNFIELD.

Physical Observations, Remarks DISCHARGE REDDISH BROWN. REDDISH BROWN SLUDGE DEPOSITS IN CORNFIELD SIMILAR TO SLUDGE DEPOSITS ON BERMS OF LAGOON CONTAINING KTI WASTEWATE

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| 0.000 Arsenic | | Coliform/100ml | BOD |
| 0.0 Barium | | Fecal Coliform 100 ml | 52.0 COD |
| Boron | | Fecal Strep 100 ml | 168 TS/EC |
| 0.00 Cadmium | | Algae (Total) /ml | 160 Susp Solids |
| 0.01 Copper | 0.14 Ammonia (N) | | Vol Susp Solids |
| 0.00 Chromium (tri) | | Organic Nitrogen (N) | 7.1 pH (units) |
| 0.00 Chromium (hex) | | Nitrate + Nitrite (N) | Turbidity (JTU) |
| 0.6 Iron (Total) | 23 Phosphorus (P) | | Hardness |
| Iron (Dissolved) | 24 Chloride | | Alkalinity |
| 0.02 Lead | 0.9 Fluoride | | Total Acidity |
| 0.13 Manganese | 14 Sulfate | | Free Acidity |
| 0.0 Mercury (ppb) | 0.00 Cyanide | | 7 Oil |
| 0.0 Nickel | | | Other (Specify) |
| Selenium | 2.900 Phenol (ppb) | | |
| Silver | | | |
| 0.0 Zinc | | | |

Results in mg/l unless otherwise noted

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FOR LAB USE ONLY

Lab Number C004108 Rec'd by R Kno

Date sample rec'd 2-23-77 Time 3:2

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run

Lab Section Chicago Supervisor P Makarchi

3/73 LAB 3 Complainants EPH 22 ID JL 3/2/80 Exhibit J

/ — ILLINOIS ENVIRONMENTAL PROTECTION AGENCY—DIVISION OF WATER POLLUTION CONTROL

SPECIAL ANALYSIS FORM

C 4109

me Collected 11 30 AM

Sub-Basin F

te Collected 2-23-77

Collector Gerald B Holmes

cility ame: Kanny Transportation Co

Facility umber

File Town: Rockford

ream ame(s)

Stream Code

urce of Sample (Exact Location)

Drainage Ditch about 1000' downstream (East) of KTI Lagoon also 50 100' East of Meridian Rd

ysical Observations Remarks Light Brown color. Oil on Surface some stream dilution from snow Raining 55°0 S wind

| ol | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| -0 0 0 | Arsenic | | Coliform/100ml | | BOD |
| 2 0 | Barium | | Fecal Coliform 100 ml | ~~[illegible]~~ | COD |
| | Boron | | Fecal Strep 100 ml | 204 | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 180 | Susp Solids |
| 0 0 1 | Copper | 1.8 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 6 9 | pH (units) |
| 0 00 | Chromium (hex) | | Nitrate + Nitrite (N) | | Turbidity (JTU) |
| 2 2 | Iron (Total) | 1 4 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 46 | Chloride | | Alkalinity |
| 0 06 | Lead | 0.3 | Fluoride | | Total Acidity |
| 0 24 | Manganese | 18 | Sulfate | | Free Acidity |
| 0 0 | Mercury (ppb) | 0 0 0 | Cyanide | 9 | Oil |
| 0.0 | Nickel | | [redacted] | 230 | Other (Specify) COD |
| | Selenium | 0.135 | Phenol (ppb) | | |
| | Silver | | | | |
| 0.1 | Zinc | | | | |

esults in mg/l unless otherwise noted

100% Recycled Paper

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FOR LAB USE ONLY

Lab umber 0004109 Rec'd by R Knauer

Date sample rec'd 2-23-77 Time 3 28P

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run 24

Lab Section Chemy Supervisor R Motzarchuk

FDH 23 TO SL 3/21/80

A1-

SPECIAL ANALYSIS FOR

3589 APR26 01

REFERENCE NUMBER

Time Collected 5 00 PM

Date Collected 4-25-78

Collector J M ADAM

Facility Name DEL TRAUM PROPERTY

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) EAST END OF CULVERT UNDER MERIDIAN ROAD STREAM FLOWS EAST TO PRIVATE LAKE

Physical Observations Remarks REDDISH PINK COLOR WITH CHEMICAL ODOR SIMILAR TO PHENOL STREAM TOTALLY DISCOLORED WITH HEAVY FOAM DEPOSITS

| Flow 30 gpm EST | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| | Arsenic | | Coliform/100ml | 260 | BOD |
| | Barium | | Fecal Coliform 100 ml | 735 | COD |
| | Boron | | Fecal Strep 100 ml | | TS/EC |
| | Cadmium | | Algae (Total) /ml | 62 | Susp Solids |
| | Copper | 0.47 | Ammonia ( ) | | Vol Susp Solids |
| | Chromium (tri) | | Organic Nitrogen (N) | 8.7 | pH (units) |
| | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| | Iron (Total) | 0 75 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | | Chloride | | Alkalinity |
| | Lead | 1.6 | Fluoride | | Total Acidity |
| | Manganese | | Sulfate | | Free Acidity |
| | Mercury (ppb) | | Cyanide | | Oil |
| | Nickel | | MBAS | | Other (Specify) |
| | Selenium | 34.0 | Phenol (ppm) | | |
| | Silver | | | | |
| | Zinc | | | | |

Results in mg/l unless otherwise noted

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FOR LAB USE ONLY

Lab Number 0003589 Rec'd by F Calvin

Date sample rec'd 4-26-78 Time 12 30

Date analysis completed 5-5-78

Date results forwarded 5-8-78

Total Tests requested 8 Tests run

Lab Section Chicago Supervisor J Daugherty

3/73 LAB 3

Complainants [illegible] Exhibit L

#2

SPECIAL ANALYSIS FORM 3590 CFR2670

Time Collected 5 05 PM

Sub-Basin ROCKFORD

Date Collected 4-25-78

Collector J M ADAM

Facility Name DEL TRAUM PROPERTY

Facility Number

Field Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) 20' DOWNSTREAM OF WOODEN BRIDGE OVER STREAM 20' TO 30' UPSTREAM OF PRIVATE LAKE.

Physical Observations, Remarks REDDISH PINK COLOR WITH CHEMICAL ODOR SIMILAR TO PHENOL STREAM TOTALLY DISCOLORED WITH LARGE PATCHES OF WHITE TO BROWN FOAM

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| | Arsenic | | Coliform/100ml | 310 | BOD |
| | Barium | | Fecal Coliform 100 ml | 840 | COD |
| | Boron | | Fecal Strep 100 ml | | TS/TC |
| 0.00 | Cadmium | | Algae (Total) /ml | 160 | Susp Solids |
| 2.01 | Copper | 0.42 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 8.7 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.3 | Iron (total) | 0.81 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | | Chloride | | Alkalinity |
| 0.02 | Lead | 2.1 | Fluoride | | Total Acidity |
| | Manganese | | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | | Cyanide | | Oil |
| 0.0 | Nickel | | MBAS | | Other (Specify) |
| | Selenium | 450 | Phenol (ppM) | | |
| | Silver | | | | |
| 0.1 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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FOR LABORATORY USE

Lab Number C003590 Rec'd by FCabe

Date sample rec'd 4-26-78 Time 12

Date analysis completed 5-9-78

Date results forwarded 5-10-78

Total Tests requested 17 Tests run

Lab Section Chemistry Supervisor J Daughtit

3/73 LAB 3

Complaint 2/17 32 IO J 3/2/80

Exhibit M

A3

SPECIAL ANALYSIS FORM

3591 RRC67 01

REFERENCE NUMBER

Time Collected 5 30 PM

Sub-Basin

Date Collected 4-25-78

Collector J M Horm

Facility Name KANEY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) DISCHARGE UNDER FENCE AT EAST PROPERTY LINE ABOUT 200' SSE OF WASTEWATER LAGOON

Physical Observations, Remarks HEAVY REDDISH-PINK COLOR DISCOLORING STREAM AS IT ENTERS CHEMICAL ODOR PRESENT SIMILAIR TO PHENOL STREAM CLEAR UPSTREAM

| Flow 2-3 gpm EST | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| | Arsenic | | Coliform/100ml | 2100 | BOD |
| | Barium | | Fecal Coliform 100 ml | 9070 | COD |
| | Boron | | Fecal Strep 100 ml | | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 1600 | Susp Solids |
| 0.11 | Copper | 22 | Ammonia (N) | | Vol Susp Solids |
| Interference | Chromium (tri) | | Organic Nitrogen (N) | 95 | pH (units) |
| | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 25 | Iron (Total) | 75 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | | Chloride | | Alkalinity |
| 0.26 | Lead | 9.9 | Fluoride | | Total Acidity |
| | Manganese | | Sulfate | | Free Acidity |
| Interference | Mercury (ppb) | Interference | Cyanide | | Oil |
| 0.0 | Nickel | | MBAS | 0.04 | Other (Specify) Total Chro |
| | Selenium | 180.0 | Phenol (PIM) | | |
| | Silver | | | | |
| 2.3 | Zinc | | | | |

Results in mg/l unless otherwise noted

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FOR LAB USE ONLY

Lab No. C003591 Rec'd by F Cahen

Date sample rec'd 4-26-78 at 12 30

Date analysis completed 5-9-78

Date results forwarded 5-10-78

Total Tests requested 18 Tests run 1

Lab Section Chicago Supervisor J Daugherty

3/73 LAB 3

Complaints Qlt 33 ID JC 3/21/80

Exhibit N

A4

SPECIAL ANALYSIS FORM

3592 APR 26 78

Time Collected 5 50 PM

Sub-Basin ROCKFORD

Date Collected 4-25-78

Collector J M ADAMS

Facility Name KANEW TRANSPORTATION INC

Facility Number

City Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) 50' UPSTREAM OF AREA WHERE DISCHARGE FROM KTI ENTERS STREAM

Physical Observations Remarks CLEAR FLOW

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| | Arsenic | | Coliform/100 ml | 4 | BOD |
| | Barium | | Fecal Coliform 100 ml | 4 | COD |
| | Boron | | Fecal Strep 100 ml | | TS/TC |
| 0.00 | Cadmium | | Algae (Total) /ml | 18 | Susp Solids |
| 0.00 | Copper | 0.02 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 8.7 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.1 | Iron (Total) | 0.04 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | | Chloride | | Alkalinity |
| 0.00 | Lead | 0.2 | Fluoride | | Total Acidity |
| | Manganese | | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | | Cyanide | | Oil |
| 0.0 | Nickel | | MBAS | | Other (Specify) |
| | Selenium | 0.108 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.1 | Zinc | | | | |

Results in mg/l unless otherwise noted

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Received by [illegible]

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Lab Number C003592 Rec'd by [illegible]

Date sample rec'd 4-26-78 time 12 3

Date analysis completed 5-9-78

Date results forwarded 5-10-78

Total tests requested 17 Tests run

Lab Section Chem Supervisor Daugherty

3/73 LAB 3

Exhibit 6

2 -

SPECIAL ANALYSIS FORM C 4102

REFERENCE NUMBER 01

Time Collected 4:45 PM

Sub-Basin ROCKFORD

Date Collected FEB 22, 1977

Collector Gerald B Holmes

Facility Name KANCY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) 25' DOWNSTREAM IN DRAINAGE DITCH FROM RUNOFF INTO DRAINAGE DITCH FROM OVERFLOW FROM KTI LAGOON

Physical Observations, Remarks TURBID MEDIUM BROWN COLOR

WEATHER: CLOUDY 40°F SE WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| 0.000 Arsenic | | Coliform/100ml | BOD |
| 0 0 Barium | | Fecal Coliform 100 ml | 270 COD |
| Boron | | Fecal Strep 100 ml | 157 TS/EC |
| 0 0 0 Cadmium | | Algae (Total) /ml | 18 Susp Solids |
| 0 0 1 Copper | 0.04 Ammonia (N) | | Vol Susp Solids |
| 0 0 0 Chromium (tri) | | Organic Nitrogen (N) | 6 8 pH (units) |
| 0 0 0 Chromium (hex) | | Nitrate + Nitrite(N) | Turbidity (JTU) |
| 0.6 Iron (Total) | 1.6 Phosphorus (P) | | Hardness |
| Iron (Dissolved) | 23 Chloride | | Alkalinity |
| 0 0 1 Lead | 0.9 Fluoride | | Total Acidity |
| 0 0 9 Manganese | 14 Sulfate | | Free Acidity |
| 0.1 Mercury (ppb) | 0.0 0 Cyanide | | 3 Oil |
| 0 0 Nickel | [illegible] | | Other (Specify) |
| Selenium | 1.700 Phenol (ppb) | | |
| Silver | | | |
| 0.0 Zinc | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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Received by

FOR LAB USE ONLY

Lab Number G004102 Rec'd by R Kro

Date sample rec'd 2-23 77 Time 32

Date analysis completed 3-4-77

Date results forwarded 3 7-77

Total Tests requested 24 Tests run

Lab Section Chicago Supervisor P Makarchu

5

# SPECIAL ANALYSIS FORM

C 4103

Time Collected 4 55 PM

Sub-Basin ROCKFORD

Date Collected FEB 22, 1977

Collector [illegible]

Facility Name: KANEY TRANSPORTATION INC

Facility Number:

File Town: ROCKFORD

Stream Name(s):

Stream Code:

Source of Sample (Exact Location) KTI WASTEWATER LAGOON. SOUTH EDGE OF LAGOON - 15' FROM SE CORNER. SAMPLE COLLECTED IMMEDIATELY ADJACENT TO WHERE LAGOON HAD OVERFLOWED PREVIOUSL

Physical Observations, Remarks LAGOON CONTAINED VISCOUS MATERIALS COLORED BLUE, GREEN, RED. ODOR OF VARNISH-LIKE SUBSTANCE PRESENT WEATHER: CLOUDY 40°F SE WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.001 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 1300 | COD |
| | Boron | | Fecal Strep 100 ml | 345 | TS/EC |
| 0.01 | Cadmium | | Algae (Total) /ml | 40 | Susp Solids |
| 0.07 | Copper | 4.4 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 9.0 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 1.2 | Iron (Total) | 10.0 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 27 | Chloride | | Alkalinity |
| 0.14 | Lead | 5.1 | Fluoride | | Total Acidity |
| 0.08 | Manganese | 18 | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | 0.03 | Cyanide | | ~~Oil~~ |
| 0.0 | Nickel | | [redacted] | | Other (Specify) |
| | Selenium | 17,000 | Phenol (ppm) | | |
| | Silver | | | | |
| 1.1 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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FOR LAB USE ONLY

Lab Number C001103 Rec'd by RKc

Date sample rec'd 2-23-77 Time: 9:28

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 23 Tests run

Lab Section Chemo Supervisor [illegible]

4

SPECIAL ANALYSIS FORM C 4104

REFERENCE NUMBER 01

Time Collected 5 10 PM

Sub-Basin Code

Date Collected FEB 22, 1977

Collector Gerald B Holmes

Facility Name: KANEY TRANSPORTATION INC

Facility Number

File Town: ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) DRAINAGE DITCH ABOUT 1000' DOWNSTREAM (EAST) OF KTI LAGOON. ALSO 50-100' EAST OF MERIDIAN ROAD.

Physical Observations, Remarks LIGHT BROWN COLOR, VISIBLE OIL ON WATER SURFACE. STREAM DILUTED BY MELTING SNOW

WEATHER CLOUDY 40°F SE WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 120 | COD |
| | Boron | | Fecal Strep 100 ml | 305 | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 46 | Susp Solids |
| 0.00 | Copper | 0.23 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 7.5 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.9 | Iron (Total) | 0.81 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 31 | Chloride | | Alkalinity |
| 0.08 | Lead | 0.3 | Fluoride | | Total Acidity |
| 0.09 | Manganese | 28 | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | 0.00 | Cyanide | 9 | Oil |
| 0.0 | Nickel | | [redacted] | | Other (Specify) |
| | Selenium | 0.465 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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FOR LAB USE ONLY

Lab Number C004104 Rec'd by R Knoul

Date sample rec'd 2-23-77 Time 3 23

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run

Lab Section Chem Supervisor

5

C 4105

# SPECIAL ANALYSIS FORM

Time Collected 10:50 AM

Sub-Basin ROCKFORD

Date Collected FEB 23, 1977

Collector [illegible]

Facility Name: KANDU TRANSPORTATION INC

Facility Number

File Town: ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) DRAINAGE DITCH 200' UPSTREAM OF RUNOFF FROM OVERFLOW FROM KTI LAGOON AND 200' DOWNSTREAM FROM ILLINOIS CENTRAL RR TRESTLE

Physical Observations, Remarks CLEAR, LIGHT BROWN COLOR, NO VISIBLE OIL ON SURFACE OF WATER

WEATHER. RAIN 40°F S WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 9 | COD |
| | Boron | | Fecal Strep 100 ml | 204 | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 42 | Susp Solids |
| 0.00 | Copper | 2.8 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 6.5 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.8 | Iron (Total) | 1.7 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 44 | Chloride | | Alkalinity |
| 0.01 | Lead | 0.3 | Fluoride | | Total Acidity |
| 0.19 | Manganese | 16 | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | 0.00 | Cyanide | 1 | Oil |
| 0.0 | Nickel | | [redacted] | 240 | Other (Specify) COD |
| | Selenium | 0.025 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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FOR LAB USE ONLY

Lab Number C004105 Rec'd by R Knowles

Date sample rec'd 2-23-77 Time 3 25

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run

Lab Section Chemy Supervisor [illegible]

SPECIAL ANALYSIS FORM

REFERENCE NUMBER 01

Time Collected 11:00 AM

Sub-Basin

Date Collected FEB 23, 1977

Collector Gerald B Holmes

Facility Name KANEY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) 25' DOWNSTREAM IN DRAINAGE DITCH FROM RUNOFF INTO DRAINAGE DITCH FROM OVERFLOW FROM KTI LAGOON.

Physical Observations, Remarks TURBID, MEDIUM TO DARK BROWN COLOR

WEATHER: RAIN 40°F S WIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 235 | COD |
| | Boron | | Fecal Strep 100 ml | 191 | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 41 | Susp Solids |
| 0.01 | Copper | 2.4 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 6.5 | pH (units) |
| 0.00 | Chromium (nex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.9 | Iron (Total) | 16 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 40 | Chloride | | Alkalinity |
| 0.01 | Lead | 0.3 | Fluoride | | Total Acidity |
| 0.17 | Manganese | 16 | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | 0.00 | Cyanide | 2 | Oil |
| 0.0 | Nickel | | [redacted] | | Other (Specify) |
| | Selenium | 0.025 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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FOR LAB USE ONLY

Lab Number G004106 Rec'd by RKrow

Date sample rec'd 2-23-77 Time 3:28

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run

Lab Section Chemo Supervisor P Makarec

3/73 LAB 3

7-

C 4107

SPECIAL ANALYSIS FORM

Time Collected 11:10 AM

Sub-Basin ROCKFORD

Date Collected FEB 23, 1977

Collector Gerald B Holmes

Facility Name KANEY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) KTI LAGOON FOR WASTEWATER. SAMPLE TAKEN FROM S EDGE OF LAGOON 15' FROM SE CORNER IMMEDIATELY ADJACENT TO WHERE LAGOON HAD PREVIOUSLY OVERFLOWED

Physical Observations, Remarks LAGOON CONTAINED SOLIDS COLORED BLUE GREEN, RED, AND YELLOW. VARNISH LIKE ODOR PRESENT

WEATHER: RAIN 40°F SWIND

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 1150 | COD |
| | Boron | | Fecal Strep 100 ml | 306 | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 250 | Susp Solids |
| 0.01 | Copper | 5.1 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 8.4 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.2 | Iron (Total) | 13.0 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 22 | Chloride | | Alkalinity |
| 0.02 | Lead | 4.2 | Fluoride | | Total Acidity |
| 0.02 | Manganese | 14 | Sulfate | | Free Acidity |
| 0.0 | Mercury (ppb) | 0.03 | Cyanide | | [illegible] |
| 0.0 | Nickel | | [illegible] | | Other (Specify) |
| | Selenium | 14000 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.2 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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Lab Number C004107 Rec'd by R Kac

Date sample rec'd 2-23-77 Time 3 2

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 23 Tests run

Lab Section Chicago Supervisor P Mokarch

SPECIAL ANALYSIS FORM

C 4108

REFERENCE NUMBER 01

Time Collected 11 15 A

Sub-Basin

Date Collected 2-23-77

Collector Gerald B Hoolman

Facility Name Tanay Transportation

Facility Number

File Town Rockford

Stream Name(s)

Stream Code

Source of Sample (Exact Location) LIQUID FLOWING THROUGH WASHOUT IN SAND BERM ALONG EAST EDGE OF KTI CORNFIELD.

Physical Observations, Remarks DISCHARGE REDDISH BROWN. REDDISH BROWN SLUDGE DEPOSITS IN CORNFIELD SIMILAR TO SLUDGE DEPOSITS ON BERMS OF LAGOON CONTAINING KTI WASTEWATE

| Flow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| 0.000 | Arsenic | | Coliform/100ml | | BOD |
| 0.0 | Barium | | Fecal Coliform 100 ml | 520 | COD |
| | Boron | | Fecal Strep 100 ml | 168 | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 160 | Susp Solids |
| 0.01 | Copper | 0.14 | Ammonia (N) | | Vol Susp Solids |
| 0.00 | Chromium (tri) | | Organic Nitrogen (N) | 7.1 | pH (units) |
| 0.00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.6 | Iron (Total) | 23 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | 24 | Chloride | | Alkalinity |
| 0.02 | Lead | 0.9 | Fluoride | | Total Acidity |
| 0.13 | Manganese | 14 | Sulfate | | Free Acidity |
| 00 | Mercury (ppb) | 000 | Cyanide | 7 | Oil |
| 0.0 | Nickel | | [redacted] | | Other (Specify) |
| | Selenium | 2.900 | Phenol (ppb) | | |
| | Silver | | | | |
| 0.0 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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FOR LAB USE ONLY

Lab Number C004108 Rec'd by [illegible]

Date sample rec'd 2-23-77 Time [illegible]

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run

Lab Section Chem Supervisor [illegible]

3/73

/ — ILLINOIS ENVIRONMENTAL PROTECTION AGENCY—DIVISION OF WATER POLLUTION CONTROL

SPECIAL ANALYSIS FORM

C 4109

e Collected 11 30 AM

Sub-Basin I

e Collected 2-23-77

Collector Gerald B Holmes

ility Name Kanny Transportation Co

Facility Number

File Town Rockford

eam Name(s)

Stream Code

rce of Sample (Exact Location)

Drainage Ditch about 1000' downstream (East) of KTI Lagoon also 50 100' East of Meridian Rd

ysical Observations Remarks Light Brown color. Oil on Surface some stream dilution from snow

Raining 55° S. wind

| | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| 000 Arsenic | | Coliform/100ml | BOD |
| 0 Barium | | Fecal Coliform 100 ml | ~~XXX~~ COD |
| Boron | | Fecal Strep 100 ml | 204 TS/EC |
| .00 Cadmium | | Algae (Total) /ml | 180 Susp Solids |
| 01 Copper | 1.8 | Ammonia (N) | Vol Susp Solids |
| .00 Chromium (tri) | | Organic Nitrogen (N) | 69 pH (units) |
| 00 Chromium (hex) | | Nitrate + Nitrite (N) | Turbidity (JTU) |
| 2 Iron (Total) | 14 | Phosphorus (P) | Hardness |
| Iron (Dissolved) | 46 | Chloride | Alkalinity |
| 06 Lead | 0.3 | Fluoride | Total Acidity |
| 24 Manganese | 18 | Sulfate | Free Acidity |
| 0 Mercury (ppb) | 000 | Cyanide | 9 Oil |
| 0 Nickel | | [redacted] | 230 Other (Specify) COD |
| Selenium | 0.135 | Phenol (ppb) | |
| Silver | | | |
| .1 Zinc | | | |

sults in mg/l unless therwise noted

100% Recycled Paper

Transported by Holmes

Received by

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Received by

FOR LAB USE ONLY

Lab Number C004109 Rec'd by R Knowles

Date sample rec'd 2-23-77 Time 3 28P

Date analysis completed 3-4-77

Date results forwarded 3-7-77

Total Tests requested 24 Tests run 24

Lab Supt. Chas P Makarchuk

SPECIAL ANALYSIS FORM

3589 CPR2673

Time Collected 5 00 PM

Sub-Basin ROCKFORD

Date Collected 4-25-78

REFERENCE NUMBER 01

Facility Name DEL TRAUM PROPERTY

Facility Number

File Form ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) EAST END OF CULVERT UNDER MERIDIAN ROAD STREAM FLOWS EAST TO PRIVATE LAKE

Physical Observations Remarks REDDISH PINK COLOR WITH CHEMICAL ODOR SIMILAR TO PHENOL STREAM TOTALLY DISCOLORED WITH HEAVY FOAM DEPOSITS

| low 30 gpm EST | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| | Arsenic | | Coliform/100ml | 260 | BOD |
| | Barium | | Fecal Coliform 100 ml | 735 | COD |
| | Boron | | Fecal Strep 100 ml | | µS/EC |
| | Cadmium | | Algae (Total) /ml | 62 | Susp Solids |
| | Copper | 0.47 | Ammonia (N) | | Vol Susp Solids |
| | Chromium (tri) | | Organic Nitrogen (N) | 8.7 | pH (units) |
| | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| | Iron (Total) | 0 75 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | | Chloride | | Alkalinity |
| | Lead | 1.6 | Fluoride | | Total Acidity |
| | Manganese | | Sulfate | | Free Acidity |
| | Mercury (ppb) | | Cyanide | | Oil |
| | Nickel | | MBAS | | Other (Specify) |
| | Selenium | 34 0 | Phenol (ppm) | | |
| | Silver | | | | |
| | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

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FOR LAB USE ONLY

Lab no 0003589 Rec'd by

Date sample rec'd 4-26-78 Time 12 3

Date analysis completed 5-5-78

Date results forwarded 5-8-78

Total tests requested 8 tests run

Lab Section Chicago Supervisor

3/73 LAB 3

SPECIAL ANALYSIS FORM 3590 AFR2673

me Collected 5 05 PM Sub-Basin ROCKFORD

te Collected 4-25-78 Collector J M ADAM

cility Name Facility Number File Town

DEL TRAUM PROPERTY ROCKFORD

ream Name(s) Stream Code

ource of Sample (Exact Location) 20' DOWNSTREAM OF WOODEN BRIDGE OVER STREAM 20' TO 30' UPSTREAM OF PRIVATE LAKE.

ysical Observations, Remarks REDDISH PINK COLOR WITH CHEMICAL ODOR SIMILAR TO PHENOL STREAM TOTALLY DISCOLORED WITH LARGE PATCHES OF WHITE TO BROWN FOAM

| ow | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|
| | | | |

| | | | | | |
|---|---|---|---|---|---|
| | Arsenic | | Coliform/100ml | 3 1 0 | BOD |
| | Barium | | Fecal Coliform 100 ml | 8 4 0 | COD |
| | Boron | | Fecal Strep 100 ml | | TS/EC |
| 0 0 | Cadmium | | Algae (Total) /ml | 1 6 0 | Susp Solids |
| 0 . 0 1 | Copper | 0 . 4 2 | Ammonia (N) | | Vol Susp Solids |
| 0 0 | Chromium (tri) | | Organic Nitrogen (N) | 8 . 7 | pH (units) |
| 0 0 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0 3 | Iron (Total) | 0 . 8 1 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | | Chloride | | Alkalinity |
| . 0 2 | Lead | 2 . 1 | Fluoride | | Total Acidity |
| | Manganese | | Sulfate | | Free Acidity |
| 0 . 0 | Mercury (ppb) | | Cyanide | | Oil |
| 0 0 | Nickel | | MBAS | | Other (Specify) |
| | Selenium | 4 5 0 | Phenol (ppM) | | |
| | Silver | | | | |
| 0 . 1 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

Transported by J M Adam

Received by

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Received by

FOR LAB USE ONLY

Lab Number C003590 rec'd by F Cahen

Date sample rec'd 4-26 78 time 12:30

Date analysis completed 5-9-78

Date results forwarded 5-10-78

Total Tests requested 17 Tests run 1

Lab Section Chicago Supervisor J Daugherty

3/73 LAB 3

H 5

SPECIAL ANALYSIS FORM

3591 APR26 78

REFERENCE NUMBER

Time Collected 5 30 PM

Sub-Basin

Date Collected 4-25-78

Collector J M Adam

Facility Name KANEY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

Source of Sample (Exact Location) DISCHARGE UNDER FENCE AT EAST PROPERTY LINE ABOUT 200' SSE OF WASTEWATER LAGOON

Physical Observations, Remarks HEAVY REDDISH-PINK COLOR DISCOLORING STREAM AS IT ENTERS CHEMICAL ODOR PRESENT SIMILAR TO PHENOL STREAM CLEAR UPSTREAM

| Flow 2-3 gpm EST | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| | Arsenic | | Coliform/100ml | 2100 | BOD |
| | Barium | | Fecal Coliform 100 ml | 9070 | COD |
| | Boron | | Fecal Strep 100 ml | | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 1600 | Susp Solids |
| 0.11 | Copper | 22 | Ammonia (N) | | Vol Susp Solids |
| Interference | Chromium (tri) | | Organic Nitrogen (N) | 95 | pH (units) |
| | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 25 | Iron (Total) | 75 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | | Chloride | | Alkalinity |
| 026 | Lead | 9.9 | Fluoride | | Total Acidity |
| | Manganese | | Sulfate | | Free Acidity |
| Interference | Mercury (ppb) | Interference | Cyanide | | Oil |
| 00 | Nickel | | MBAS | 004 | Other (Specify) Total Chro |
| | Selenium | 180.0 | Phenol (ppm) | | |
| | Silver | | | | |
| 23 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

Transported by J A Adam

Received by

Transported by

Received by

FOR LAB USE ONLY

Lab Number C003591 Rec'd by F Cahen

Date sample rec'd 4-26-78 time 12 30

Date analysis completed 5-9-78

Date results forwarded 5-10-78

Total Tests requested 18 Tests run 1

Lab Section Chicago Supervisor J Daugherty

3/73 LAB 3

A4-

SPECIAL ANALYSIS FORM

3592 CPR26 73

e Collected 5 50 Pm

Sub-Basin ROCKFORD

ite Collected 4-25-78

Collector J M ADAM

cility Name KANEY TRANSPORTATION INC

Facility Number

File Town ROCKFORD

Stream Name(s)

Stream Code

ource of Sample (Exact Location) 50' UPSTREAM OF AREA WHERE DISCHARGE FROM KTI ENTERS STREAM

hysical Observations, Remarks CLEAR FLOW

| low | Field Dissolved Oxygen | Field pH | Field Temp |
|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| | Arsenic | | Coliform/100ml | 4 | BOD |
| | Barium | | Fecal Coliform 100 ml | 4 | COD |
| | Boron | | Fecal Strep 100 ml | | TS/EC |
| 0.00 | Cadmium | | Algae (Total) /ml | 18 | Susp Solids |
| 0 00 | Copper | 0 02 | Ammonia (N) | | Vol Susp Solids |
| 0 00 | Chromium (tri) | | Organic Nitrogen (N) | 8.7 | pH (units) |
| 0 00 | Chromium (hex) | | Nitrate + Nitrite(N) | | Turbidity (JTU) |
| 0.1 | Iron (Total) | 0.04 | Phosphorus (P) | | Hardness |
| | Iron (Dissolved) | | Chloride | | Alkalinity |
| 0 00 | Lead | 0 2 | Fluoride | | Total Acidity |
| | Manganese | | Sulfate | | Free Acidity |
| 0 0 | Mercury (ppb) | | Cyanide | | Oil |
| 0.0 | Nickel | | MBAS | | Other (Specify) |
| | Selenium | 0 108 | Phenol (ppm) | | |
| | Silver | | | | |
| 0.1 | Zinc | | | | |

Results in mg/l unless otherwise noted

100% Recycled Paper

Transported by [signature]

Received by [signature]

Transported by

Received by

FOR LABORATORY

Lab Number C003592 Rec'd by [signature]

Date sample rec'd 4-26-78 Time 12 30

Date analysis completed 5-9-78

Date results forwarded 5-10-78

Total tests requested 17 Tests run 1

Lab Section Chicago Supervisor J Daugherty

3/73 LAB 3

CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

REFERENCE NUMBER 0.1

07/27/89 LABORATORY REPORT PAGE 1

F034 8437293 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA, IL 61063
ATTN RANDALL OLSON

SAMPLE 89184-F04548 SOIL / KTI 1023 / BORING 13 / 14-15 5
DATE COLLECTED 06/23/89 DATE RECEIVED 07/03/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| ENDRIN | <0 2 | PPB | | | |
| METHOXYCHLOR | <0 2 | PPB | | | |
| LINDANE | <0 2 | PPB | | | |
| TOXAPHENE | <0 2 | PPB | | | |
| 2,4 - D | <2 0 | PPB | | | |
| 2,4,5 - TP SILVEX | <0 5 | PPB | | | |
| COPPER - TOTAL | 4.6 | PPM | | | |
| NICKEL - TOTAL | 5 1 | PPM | | | |
| ZINC - TOTAL | 21 | PPM | | | |
| TOTAL SOLIDS | 93 | % | | | |
| ASH CONTENT | 92 | % | | | |
| COLOR | BROWN | | | | |
| LOAD BEARING (PENETROMETER) | <0 5 | TON/SQF | | | |

TEST METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS, 1982, EPA SW846. PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED

N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

07/27/89 LABORATORY REPORT 

F034 8437293 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA, IL 61063
ATTN RANDALL OLSON

SAMPLE 89184-F04548 SOIL / KTI 1023 / BORING 13 / 14-15 5
DATE COLLECTED 06/23/89 DATE RECEIVED 07/03/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| GCMS BENZENE | <0 005 | PPM | | | |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM | | | |
| GCMS BROMOFORM | <0 005 | PPM | | | |
| GCMS BROMOMETHANE | <0 010 | PPM | | | |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM | | | |
| GCMS CHLOROBENZENE | <0 005 | PPM | | | |
| GCMS CHLOROETHANE | <0 010 | PPM | | | |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM | | | |
| GCMS CHLOROFORM | <0 005 | PPM | | | |
| GCMS CHLOROMETHANE | <0 010 | PPM | | | |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM | | | |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM | | | |
| GCMS 1,2-DICHLOROETHANE | <0 005 | PPM | | | |
| GCMS 1,1-DICHLOROETHENE | <0 005 | PPM | | | |
| 1,2-DICHLOROETHENE (MIXED) | <0 005 | PPM | | | |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM | | | |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM | | | |
| GCMS TRANS-1,3-DICHLORPROP | <0 005 | PPM | | | |
| GCMS ETHYL BENZENE | <0 005 | PPM | | | |
| GCMS METHYLENE CHLORIDE | 0 008 | PPM | | | |
| GCMS 1,1,2,2-TETRACHLORETH | <0 005 | PPM | | | |
| GCMS TETRACHLOROETHENE | <0 005 | PPM | | | |
| GCMS TOLUENE | <0 005 | PPM | | | |
| GCMS 1,1,1-TRICHLOROETHANE | <0 005 | PPM | | | |
| GCMS 1,1,2-TRICHLOROETHANE | <0 005 | PPM | | | |

TEST METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS, 1982, EPA SW846 PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED

N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL MTR

REFERENCE NUMBER 01

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

07/24/89

LABORATORY REPORT



F034 8437290 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89184-F04546 SOIL/KTI 1023/BORING 8/15-16 5
DATE COLLECTED 06/22/89 DATE RECEIVED 07/03/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| GCMS BENZENE | <0 005 | PPM |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM |
| GCMS BROMOFORM | <0 005 | PPM |
| GCMS BROMOMETHANE | <0 010 | PPM |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM |
| GCMS CHLOROBENZENE | <0 005 | PPM |
| GCMS CHLOROETHANE | <0 010 | PPM |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM |
| GCMS CHLOROFORM | <0 005 | PPM |
| GCMS CHLOROMETHANE | <0 010 | PPM |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,2-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHENE | <0 005 | PPM |
| 1,2-DICHLOROETHENE (MIXED) | <0 005 | PPM |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM |
| GCMS TRANS-1,3-DICHLORPROP | <0 005 | PPM |
| GCMS ETHYL BENZENE | <0 005 | PPM |
| GCMS METHYLENE CHLORIDE | 0 005 | PPM |
| GCMS 1,1,2,2-TETRACHLORETH | <0 005 | PPM |
| GCMS TETRACHLOROETHENE | <0 005 | PPM |
| GCMS TOLUENE | <0 005 | PPM |
| GCMS 1,1,1-TRICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1,2-TRICHLOROETHANE | <0 005 | PPM |
| GCMS TRICHLOROETHENE | <0 005 | PPM |
| GCMS TRICHLOROFLUOROMETHAN | <0 010 | PPM |
| GCMS VINYL CHLORIDE | <0 010 | PPM |
| GCMS ACROLEIN | <0 10 | PPM |
| GCMS ACRYLONITRILE | <0 10 | PPM |
| GCMS DICHLORODIFLUOROMETHA | <0 010 | PPM |
| XYLENES TOTAL | <0 005 | PPM |
| N-HEXANE | <0 010 | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL Gee

CHEM-BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

07/24/89

LABORATORY REPORT



F034 8437290 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN RANDALL OLSON

SAMPLE 89184-F04529 SOIL/KTI 1023/BORING 11/15-16 5
DATE COLLECTED 06/23/89 DATE RECEIVED 07/03/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| GCMS BENZENE | <0 005 | PPM |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM |
| GCMS BROMOFORM | <0 005 | PPM |
| GCMS BROMOMETHANE | <0 010 | PPM |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM |
| GCMS CHLOROBENZENE | <0 005 | PPM |
| GCMS CHLOROETHANE | <0 010 | PPM |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM |
| GCMS CHLOROFORM | <0 005 | PPM |
| GCMS CHLOROMETHANE | <0 010 | PPM |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,2-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1 1-DICHLOROETHENE | <0 005 | PPM |
| 1,2-DICHLOROETHENE (MIXED) | <0 005 | PPM |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM |
| GCMS TRANS-1,3-DICHLORPROP | <0 005 | PPM |
| GCMS ETHYL BENZENE | <0 005 | PPM |
| GCMS METHYLENE CHLORIDE | 0 005 | PPM |
| GCMS 1,1,2,2-TETRACHLORETH | <0 005 | PPM |
| GCMS TETRACHLOROETHENE | <0 005 | PPM |
| GCMS TOLUENE | <0 005 | PPM |
| GCMS 1,1,1-TRICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1,2-TRICHLOROETHANE | <0 005 | PPM |
| GCMS TRICHLOROETHENE | <0 005 | PPM |
| GCMS TRICHLOROFLUOROMETHAN | <0 010 | PPM |
| GCMS VINYL CHLORIDE | <0 010 | PPM |
| GCMS ACROLEIN | <0 10 | PPM |
| GCMS ACRYLONITRILE | <0 10 | PPM |
| GCMS DICHLORODIFLUOROMETHA | <0 010 | PPM |
| XYLENES TOTAL | <0 005 | PPM |
| N-HEXANE | <0 010 | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL GGE

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

ENCE NUMBER 01

07/24/89

LABORATORY REPORT



F034 8437290 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89184-F04531 SOIL/KTI 1023/BORING 10/17-18 5
DATE COLLECTED 06/23/89 DATE RECEIVED 07/03/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| GCMS BENZENE | <0 005 | PPM |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM |
| GCMS BROMOFORM | <0 005 | PPM |
| GCMS BROMOMETHANE | <0 010 | PPM |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM |
| GCMS CHLOROBENZENE | <0 005 | PPM |
| GCMS CHLOROETHANE | <0 010 | PPM |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM |
| GCMS CHLOROFORM | <0 005 | PPM |
| GCMS CHLOROMETHANE | <0 010 | PPM |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,2-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHENE | <0 005 | PPM |
| 1,2-DICHLOROETHENE (MIXED) | <0 005 | PPM |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM |
| GCMS TRANS-1,3-DICHLORPROP | <0 005 | PPM |
| GCMS ETHYL BENZENE | <0 005 | PPM |
| GCMS METHYLENE CHLORIDE | 0 006 | PPM |
| GCMS 1,1,2,2-TETRACHLORETH | <0 005 | PPM |
| GCMS TETRACHLOROETHENE | <0 005 | PPM |
| GCMS TOLUENE | <0 005 | PPM |
| GCMS 1,1,1-TRICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1,2-TRICHLOROETHANE | <0 005 | PPM |
| GCMS TRICHLOROETHENE | <0 005 | PPM |
| GCMS TRICHLOROFLUOROMETHAN | <0 010 | PPM |
| GCMS VINYL CHLORIDE | <0 010 | PPM |
| GCMS ACROLEIN | <0 10 | PPM |
| GCMS ACRYLONITRILE | <0 10 | PPM |
| GCMS DICHLORODIFLUOROMETHA | <0 010 | PPM |
| XYLENES TOTAL | <0 005 | PPM |
| N-HEXANE | <0 010 | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

07/24/89 LABORATORY REPORT 

F034 8437290 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN RANDALL OLSON

SAMPLE 89184-F04530 SOIL/KTI 1023/BORING 12/15-16 5
DATE COLLECTED 06/23/89 DATE RECEIVED 07/03/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| GCMS BENZENE | <0 005 | PPM |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM |
| GCMS BROMOFORM | <0 005 | PPM |
| GCMS BROMOMETHANE | <0 010 | PPM |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM |
| GCMS CHLOROBENZENE | <0 005 | PPM |
| GCMS CHLOROETHANE | <0 010 | PPM |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM |
| GCMS CHLOROFORM | <0 005 | PPM |
| GCMS CHLOROMETHANE | <0 010 | PPM |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,2-DICHLOROETHANE | 0 005 | PPM |
| GCMS 1 1-DICHLOROETHENE | <0 005 | PPM |
| 1 2-DICHLOROETHENE (MIXED) | <0 005 | PPM |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM |
| GCMS TRANS-1,3-DICHLORPROP | <0 005 | PPM |
| GCMS ETHYL BENZENE | <0 005 | PPM |
| GCMS METHYLENE CHLORIDE | 0 006 | PPM |
| GCMS 1,1,2,2-TETRACHLORETH | <0 005 | PPM |
| GCMS TETRACHLOROETHENE | <0 005 | PPM |
| GCMS TOLUENE | <0 005 | PPM |
| GCMS 1,1,1-TRICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1,2-TRICHLOROETHANE | <0 005 | PPM |
| GCMS TRICHLOROETHENE | <0 005 | PPM |
| GCMS TRICHLOROFLUOROMETHAN | <0 010 | PPM |
| GCMS VINYL CHLORIDE | <0 010 | PPM |
| GCMS ACROLEIN | <0 10 | PPM |
| GCMS ACRYLONITRILE | <0 10 | PPM |
| GCMS DICHLORODIFLUOROMETHA | <0 010 | PPM |
| XYLENES TOTAL | <0 005 | PPM |
| N-HEXANE | <0 010 | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL GEE

CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

**ENVIRONMENTAL SERVICES** REFERENCE NUMBER 01

07/24/89

LABORATORY REPORT



F034 8437290 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89184-F04491 SOIL/KTI 1023/BORING 14/13 5-15
DATE COLLECTED 06/23/89 DATE RECEIVED 07/03/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| GCMS BENZENE | <0 005 | PPM |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM |
| GCMS BROMOFORM | <0 005 | PPM |
| GCMS BROMOMETHANE | <0 010 | PPM |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM |
| GCMS CHLOROBENZENE | <0 005 | PPM |
| GCMS CHLOROETHANE | <0 010 | PPM |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM |
| GCMS CHLOROFORM | <0 005 | PPM |
| GCMS CHLOROMETHANE | <0 010 | PPM |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,2-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHENE | <0 005 | PPM |
| 1,2-DICHLOROETHENE (MIXED) | <0 005 | PPM |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM |
| GCMS TRANS-1,3-DICHLORPROP | <0 005 | PPM |
| GCMS ETHYL BENZENE | 0 014 | PPM |
| GCMS METHYLENE CHLORIDE | 0 007 | PPM |
| GCMS 1,1,2,2-TETRACHLORETH | <0 005 | PPM |
| GCMS TETRACHLOROETHENE | <0 005 | PPM |
| GCMS TOLUENE | 0 040 | PPM |
| GCMS 1,1 1-TRICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1,2-TRICHLOROETHANE | <0 005 | PPM |
| GCMS TRICHLOROETHENE | <0 005 | PPM |
| GCMS TRICHLOROFLUOROMETHAN | <0 010 | PPM |
| GCMS VINYL CHLORIDE | <0 010 | PPM |
| GCMS ACROLEIN | <0 10 | PPM |
| GCMS ACRYLONITRILE | <0 10 | PPM |
| GCMS DICHLORODIFLUOROMETHA | 0 010 | PPM |
| XYLENES TOTAL | 0 10 | PPM |
| N-HEXANE | <0 010 | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

REFERENCE NUMBER 01

07/24/89 LABORATORY REPORT PAGE 1

F034 8437293 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89184-F04548 SOIL/KTI 1023/BORING 13/14-15 5
DATE COLLECTED 06/23/89 DATE RECEIVED 07/03/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| ENDRIN | <0 2 | PPB |
| METHOXYCHLOR | <0 2 | PPB |
| LINDANE | <0 2 | PPB |
| TOXAPHENE | <0 2 | PPB |
| 2,4 - D | <2 0 | PPB |
| 2,4 5 - TP SILVEX | <0 5 | PPB |
| COPPER - TOTAL | 4 6 | PPM |
| NICKEL - TOTAL | 5 1 | PPM |
| ZINC - TOTAL | 21 | PPM |
| TOTAL SOLIDS | 93 | % |
| ASH CONTENT | 92 | % |
| GCMS BENZENE | <0 005 | PPM |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM |
| GCMS BROMOFORM | <0 005 | PPM |
| GCMS BROMOMETHANE | <0 010 | PPM |
| GCMS CARBON TETRACHLORIDE | <0 005 | PPM |
| GCMS CHLOROBENZENE | <0 005 | PPM |
| GCMS CHLOROETHANE | <0 010 | PPM |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM |
| GCMS CHLOROFORM | <0 005 | PPM |
| GCMS CHLOROMETHANE | <0 010 | PPM |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,2-DICHLOROETHANE | <0 005 | PPM |
| GCMS 1,1-DICHLOROETHENE | <0 005 | PPM |
| 1,2-DICHLOROETHENE (MIXED) | <0 005 | PPM |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM |
| GCMS TRANS-1,3-DICHLORPROP | <0 005 | PPM |
| GCMS ETHYL BENZENE | <0 005 | PPM |
| GCMS METHYLENE CHLORIDE | 0 008 | PPM |

METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES, 1979, EPA-600/4-79-020
TEST METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS, 1982, EPA SW846
METHODS 601-612, FEDERAL REGISTER, VOL 44, NO 233
PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

07/24/89 LABORATORY REPORT 

F034 8437293 W61

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN RANDALL OLSON

SAMPLE 89184-F04548 SOIL/KTI 1023/BORING 13/14-15 5
DATE COLLECTED 06/23/89 DATE RECEIVED 07/03/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| GCMS 1 1 2,2-TETRACHLORETH | <0 005 | PPM |
| GCMS TETRACHLOROETHENE | <0 005 | PPM |
| GCMS TOLUENE | <0 005 | PPM |
| GCMS 1,1,1-TRICHLOROETHANE | <0 005 | PPM |
| GCMS 1 1,2-TRICHLOROETHANE | <0 005 | PPM |
| GCMS TRICHLOROETHENE | <0 005 | PPM |
| GCMS TRICHLOROFLUOROMETHAN | <0 010 | PPM |
| GCMS VINYL CHLORIDE | <0 010 | PPM |
| GCMS ACROLEIN | <0 10 | PPM |
| GCMS ACRYLONITRILE | <0 10 | PPM |
| GCMS DICHLORODIFLUOROMETHA | 0 025 | PPM |
| XYLENES TOTAL | <0 005 | PPM |
| N-HEXANE | <0 010 | PPM |
| COLOR | BROWN | |
| LOAD BEARING(PENETROMETER) | <0 5 | TON/SQF |

TEST METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS, 1982, EPA SW846
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N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

REFERENCE NUMBER 0-1

07/12/89 LABORATORY REPORT PAGE 1

F034 8436908 W90
KP/* / / /

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN RANDALL OLSON

SAMPLE 89173-F04412 SOIL PILE / #1023-1 / P O 4067
DATE COLLECTED 06/22/89 DATE RECEIVED 06/22/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|---|
| EXTRACTABLE ORGANIC HALIDE | <20 | PPM | | | | ' |
| N-HEXANE | <0 010 | PPM | | | | ' |
| GCMS ACROLEIN | <0 010 | PPM | | | | ' |
| GCMS ACRYLONITRILE | <0 010 | PPM | | | | ' |
| GCMS BROMOFORM | <0 005 | PPM | | | | ' |
| GCMS DIBROMOCHLOROMETHANE | <0 005 | PPM | | | | ' |
| GCMS CHLOROETHANE | <0 010 | PPM | | | | ' |
| 2-CHLOROETHYLVINYL ETHER | <0 010 | PPM | | | | ' |
| GCMS BROMODICHLOROMETHANE | <0 005 | PPM | | | | ' |
| GCMS 1,1-DICHLOROETHANE | <0 005 | PPM | | | | ' |
| GCMS 1,2-DICHLOROETHANE | <0 005 | PPM | | | | ' |
| GCMS 1,1-DICHLOROETHENE | <0 005 | PPM | | | | ! |
| GCMS 1,2-DICHLOROPROPANE | <0 005 | PPM | | | | ' |
| GCMS CHLOROMETHANE | <0 010 | PPM | | | | ' |
| GCMS 1 1,2,2-TETRACHLORETH | <0 005 | PPM | | | | ' |
| GCMS TETRACHLOROETHENE | <0 005 | PPM | | | | ' |
| 1 2-DICHLOROETHENE (MIXED) | <0 005 | PPM | | | | ! |
| GCMS 1,1,2-TRICHLOROETHANE | <0 005 | PPM | | | | ' |
| GCMS TRICHLOROETHENE | <0 005 | PPM | | | | ' |
| GCMS VINYL CHLORIDE | 0 010 | PPM | | | | ' |
| GCMS DICHLORODIFLUOROMETHA | <0 010 | PPM | | | | ! |
| GCMS CIS-1,3-DICHLOROPROPE | <0 005 | PPM | | | | ! |
| GCMS TRANS-1,3-DICHLORPROP | <0 005 | PPM | | | | ! |
| GCMS BROMOMETHANE | <0 010 | PPM | | | | ! |
| BARIUM - TOTAL | 49 | PPM | 0 34 | MG/L | 100 0 | ' |
| CADMIUM - TOTAL | 1 2 | PPM | 0 06 | MG/L | 1 0 | ' |
| CHROMIUM - TOTAL | 5 0 | PPM | <0 05 | MG/L | 5 0 | ' |
| LEAD - TOTAL | 8 6 | PPM | <0 5 | MG/L | 5 0 | ' |
| SILVER - TOTAL | <0 25 | PPM | <0 02 | MG/L | 5 0 | ' |
| ARSENIC - TOTAL | 2 5 | PPM | <0 010 | MG/L | 5 0 | ' |
| SELENIUM - TOTAL | <0 50 | PPM | <0 020 | MG/L | 1 0 | ' |
| MERCURY - TOTAL | <0 010 | PPM | <0 0004 | MG/L | 0 2 | ' |

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CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005



F034 8436908 W90
KP/* / / /

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89173-F04412 SOIL PILE / #1023-1 / P O 4067
DATE COLLECTED 06/22/89 DATE RECEIVED 06/22/89

| TEST NAME | RESULT | UNITS | EP TOXICITY | EP LIMIT | HAZ CODE |
|---|---|---|---|---|---|
| ACIDITY, AS CACO3 | <10 | PPM | | | ! |
| ALKALINITY TOTAL, AS CACO3 | 400 | PPM | | | ! |
| PH (UNITS) | 8 4 | | | 2 0-12 5 | ! |
| | PH MEASURED AS SOLID IN WATER | | | | |
| TOTAL CYANIDE | <10 | PPM | | | ! |
| REACTIVE CYANIDE | <10 | PPM | | | ! |
| TOTAL SULFIDE | <2 | PPM | | | ! |
| REACTIVE SULFIDE | <2 | PPM | | | ! |
| FLASH POINT (FAHRENHEIT) | >210 | DEG F | | 140 0 | ! |
| | OPEN CUP METHOD | | | | |
| SPECIFIC GRAVITY | 2 14 | G/ML | | | ! |
| FREE LIQUIDS | 0 | % | | | ! |
| PHENOLICS | <0 005 | PPM | | | ! |
| PCB'S - SOLIDS, OIL, WASTE | <1 0 | PPM | | | ! |
| TRICHLOROFLUOROMETHANE | <0 010 | PPM | | | ! |
| ETHYL ETHER | <0 010 | PPM | | | ! |
| METHANOL | <0 010 | PPM | | | ! |
| 1,1,2TRICHLORO-1,2,2TRIFLUOROE | <0 010 | PPM | | | ! |
| ETHANOL | <0 010 | PPM | | | ! |
| ACETONE | 0 85 | PPM | | | ! |
| METHYLENE CHLORIDE | <0 010 | PPM | | | ! |
| ISOPROPANOL | <0 010 | PPM | | | ! |
| CARBON TETRACHLORIDE | <0 010 | PPM | | | ! |
| ETHYL ACETATE | <0 010 | PPM | | | ! |
| METHYL ETHYL KETONE | <0 010 | PPM | | | ! |
| 1,1,1-TRICHLOROETHANE | <0 010 | PPM | | | ! |
| BENZENE | <0 010 | PPM | | | ! |
| TRICHLOROETHYLENE | <0 010 | PPM | | | ! |
| ISOBUTANOL | <0 010 | PPM | | | ! |
| N-BUTANOL | <0 010 | PPM | | | ! |
| TOLUENE | <0 010 | PPM | | | ! |

METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES, 1979, EPA-600/4-79-020
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NATIONAL ENVIRONMENTAL TESTING, INC

NET Midwest Inc
Rockford Division
3548 35th Street
Rockford IL 61109
Tel (815) 874 2171
Fax (815) 874 5622

# ANALYTICAL REPORT

Mr Randy Olson
FIW,INC
P O Box 479
Pecatonica IL 61063

08-10-89

Sample No 64409

SAMPLE DESCRIPTION 4237-Waste Soil Pile-KTI/1033
1033

Date Taken 07-27-89 1208

Date Received 07-27-89 1705

## ACID COMPOUNDS

| | | |
|---|---|---|
| 4-Chloro-3-methylphenol | <660 | ng/g |
| 2-chlorophenol | <660 | ng/g |
| 2,4-Dichlorophenol | <660 | ng/g |
| 2,4-Dinitrophenol | <3300 | ng/g |
| 2-Methyl-4,6-dinitrophenol | <3300 | ng/g |
| 2-Nitrophenol | <660 | ng/g |
| 4-Nitrophenol | <3300 | ng/g |
| Pentachlorophenol | <3300 | ng/g |
| Phenol | <660 | ng/g |
| 2,4,6-Trichlorophenol | <660 | ng/g |
| n-butyl alcohol | <1000 | ng/g |
| Carbon disulfide | <5000 | ng/g |
| m-Cresol | <660 | ng/g |
| o-Cresol | <660 | ng/g |
| p-Cresol | <660 | ng/g |
| Cyclohexanone | <125,000 | ng/g |
| 2-ethoxyethanol | <10,000 | ng/g |
| Ethyl Acetate | <5000 | ng/g |
| Ethyl ether | <5000 | ng/g |
| Freon-TF* | <5000 | ng/g |
| Isobutanol | <1000 | ng/g |
| Methanol | <1000 | ng/g |
| Methyl ethyl ketone | 98,000 | ng/g |
| 2-Nitropropane | <5000 | ng/g |
| Pyridine | <375,000 | ng/g |

Toni Gartner, Manager
Rockford Division

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NET Midwest, Inc
Rockford Division
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Tel (815) 874 2171
Fax (815) 874 5622

REFERENCE NUMBER 01

**ANALYTICAL REPORT**

Mr Randy Olson
FIW,INC
P O Box 479
Pecatonica IL 61063

08-10-89

Sample No 64409

SAMPLE DESCRIPTION 4237-Waste Soil Pile-KTI/1033
1033

Date Taken 07-27-89 1208

Date Received 07-27-89 1705

| | | |
|---|---|---|
| Dimethyl phthalate | <660 | ng/g |
| 2,4-Dinitrotoluene | <660 | ng/g |
| 2,6-Dinitrotoluene | <660 | ng/g |
| Di-n-octylphthalate | <660 | ng/g |
| Fluoranthene | <660 | ng/g |
| Fluorene | <660 | ng/g |
| Hexachlorobenzene | <660 | ng/g |
| Hexachlorobutadiene | <660 | ng/g |
| Hexachlorocyclopentadiene | <1650 | ng/g |
| Hexachloroethane | <660 | ng/g |
| Indeno(1,2,3-cd)pyrene | <660 | ng/g |
| Isophorone | <660 | ng/g |
| Naphthalene | 980 | ng/g |
| Nitrobenzene | <660 | ng/g |
| N-Nitrosodimethylamine | <660 | ng/g |
| N-Nitrosodiphenylamine | <660 | ng/g |
| N-Nitrosodi-n-propylamine | <660 | ng/g |
| Phenanthrene | <660 | ng/g |
| Pyrene | <660 | ng/g |
| 1,2,4-Trichlorobenzene | <660 | ng/g |

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Rockford Division

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Mr Randy Olson
FIW,INC
P O Box 479
Pecatonica IL 61063

08-10-89

Sample No 64409

SAMPLE DESCRIPTION 4237-Waste Soil Pile-KTI/1033
1033

Date Taken 07-27-89 1208

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| | | |
|---|---|---|
| Arsenic | 0 88 | ug/g |

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P O Box 479
Pecatonica IL 61063

08-10-89

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SAMPLE DESCRIPTION 4237-Waste Soil Pile-KTI/1033
1033

Date Taken 07-27-89 1208

Date Received 07-27-89 1705

| | | |
|---|---|---|
| Hexane | <25000 | ng/g |
| Methylene chloride | <25000 | ng/g |
| 1,1,2,2-Tetrachloroethane | <5000 | ng/g |
| Tetrachloroethene | <5000 | ng/g |
| Toluene | <5000 | ng/g |
| 1,1,1-Trichloroethane | <5000 | ng/g |
| 1,1,2-Trichloroethane | <5000 | ng/g |
| Trichloroethene | <5000 | ng/g |
| Trichlorofluoromethane | <5000 | ng/g |
| Vinyl chloride | <50000 | ng/g |
| Xylenes | 35,000 | ng/g |

Toni Gartner, Manager
Rockford Division

CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764 7005

08/09/89 LABORATORY REPORT 

F034 8437814 W81

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89199-F04547 LIQUID WASTE /1033/#4188
DATE COLLECTED 07/18/89 DATE RECEIVED 07/18/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| 2- NITROPROPANE | <1 0 | PPM |
| TRICHLOROFLUOROMETHANE | <0 10 | PPM |
| ETHYL ETHER | <0 10 | PPM |
| METHANOL | 58 | PPM |
| 1,1,2TRICHLORO-1,2,2TRIFLUOROE | <0 10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| ETHANOL | <0 10 | PPM |
| ACETONE | <0 10 | PPM |
| METHYLENE CHLORIDE | <0 10 | PPM |
| ISOPROPANOL | <0 10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| CARBON TETRACHLORIDE | <0 10 | PPM |
| ETHYL ACETATE | <0 10 | PPM |
| METHYL ETHYL KETONE | 980 | PPM |
| 1,1,1-TRICHLOROETHANE | 70 | PPM |
| BENZENE | <0 10 | PPM |
| TRICHLOROETHYLENE | <0 10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| ISOBUTANOL | <0 10 | PPM |
| N-BUTANOL | <0 10 | PPM |
| TOLUENE | <0 10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| 2-ETHOXYETHANOL | <0 10 | PPM |
| METHYL ISOBUTYL KETONE | <0 10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| TETRACHLOROETHYLENE | <0 10 | PPM |
| BUTYL ACETATE | 1100 | PPM |
| ETHYLBENZENE | <0 10 | PPM |
| XYLENES | 200 | PPM |

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N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

CHEM BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005

REFERENCE NUMBER 01



F034 8437814 W81

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89199-F04547 LIQUID WASTE /1033/#4188
DATE COLLECTED 07/18/89 DATE RECEIVED 07/18/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| STYRENE | <0 10 | PPM |
| 2-ETHOXYETHANOL ACETATE | <0 10 | PPM |
| 2-BUTOXYETHANOL | <0 10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| CYCLOHEXANONE | <0 10 | PPM |
| CHLOROBENZENE | <0 10 | PPM |
| O-DICHLOROBENZENE | <0 10 | PPM |
| CARBON DISULFIDE | <0 10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| CHLOROFORM | <0 10 | PPM |
| M-CRESOL | <0 10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| O-CRESOL | <0 10 | PPM |
| P-CRESOL | <0 10 | PPM |
| NITROBENZENE | <0 10 | PPM |
| PYRIDINE | <0 10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| 1 1 2- TRICHLOROETHANE | <1 0 | PPM |
| GCMS ACENAPHTHENE | N/Q | PPM |
| | NOT QUANTIFIABLE DUE TO LACK OF RECOVERY OF INTERNAL STANDARDS | |
| GCMS ACENAPHTHYLENE | N/Q | PPM |
| GCMS ANTHRACENE | N/Q | PPM |
| GCMS BENZIDINE | N/Q | PPM |
| GCMS BENZO(A)ANTHRACENE | N/Q | PPM |
| GCMS BENZO(A)PYRENE | N/Q | PPM |
| GCMS BENZO(B)FLUORANTHENE | N/Q | PPM |
| GCMS BENZO(G,H,I)PERYLENE | N/Q | PPM |
| GCMS BENZO(K)FLUORANTHENE | N/Q | PPM |
| GCMS BENZYL BUTYL PHTHALAT | N/Q | PPM |

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140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005



F034 8437814 W81

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89199-F04547 LIQUID WASTE /1033/#4188
DATE COLLECTED 07/18/89 DATE RECEIVED 07/18/89

| TEST | NAME | RESULT | UNITS |
|---|---|---|---|
| GCMS | BIS(2-CHLOROETHOXY)ME | N/Q | PPM |
| GCMS | BIS(2-CHLOROETHYL)ETH | N/Q | PPM |
| GCMS | BIS(2-CHLOROISOPROPYL | N/Q | PPM |
| GCMS | BIS(2-ETHYLHEXYL)PHTH | N/Q | PPM |
| GCMS | 4-BROMOPHENYL PHENYL | N/Q | PPM |
| GCMS | 2-CHLORONAPHTHALENE | N/Q | PPM |
| GCMS | 4-CHLOROPHENYL PHENYL | N/Q | PPM |
| GCMS | CHRYSENE | N/Q | PPM |
| GCMS | DIBENZO(A,H)ANTHRACEN | N/Q | PPM |
| GCMS | 1,2-DICHLOROBENZENE | N/Q | PPM |
| GCMS | 1,3-DICHLOROBENZENE | N/Q | PPM |
| GCMS | 1,4-DICHLOROBENZENE | N/Q | PPM |
| GCMS | 3,3 - DICHLOROBENZID | N/Q | PPM |
| GCMS | DIETHYLPHTHALATE | N/Q | PPM |
| GCMS | DIMETHYLPHTHALATE | N/Q | PPM |
| GCMS | 2,4-DINITROTOLUENE | N/Q | PPM |
| GCMS | 2,6-DINITROTOLUENE | N/Q | PPM |
| GCMS | DI-N-BUTYLPHTHALATE | N/Q | PPM |
| GCMS | DI-N-OCTYLPHTHALATE | N/Q | PPM |
| GCMS | FLUORANTHENE | N/Q | PPM |
| GCMS | FLUORENE | N/Q | PPM |
| GCMS | HEXACHLOROBENZENE | N/Q | PPM |
| GCMS | HEXACHLOROBUTADIENE | N/Q | PPM |
| GCMS | HEXACHLOROCYCLOPENTAD | N/Q | PPM |
| GCMS | HEXACHLOROETHANE | N/Q | PPM |
| GCMS | INDENO(1,2,3,C,D)PYRE | N/Q | PPM |
| GCMS | ISOPHORONE | N/Q | PPM |
| GCMS | NAPHTHALENE | 110 | PPM |
| GCMS | NITROBENZENE | N/Q | PPM |
| GCMS | N-NITROSODIMETHYLAMIN | N/Q | PPM |
| GCMS | N-NITROSODIPHENYLAMIN | N/Q | PPM |
| GCMS | N-NITROSO-DI-N-PROPYL | N/Q | PPM |
| GCMS | PHENANTHRENE | N/Q | PPM |
| GCMS | PYRENE | N/Q | PPM |

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N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005

REFERENCE NUMBER 01-3



F034 8437814 W81

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89199-F04547 LIQUID WASTE /1033/#4188
DATE COLLECTED 07/18/89 DATE RECEIVED 07/18/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| GCMS 1 2 4-TRICHLOROBENZEN | N/Q | PPM |
| AZOBENZENE(1,2-DIPHENYLHYDRAZI | N/Q | PPM |
| GCMS 2-CHLOROPHENOL | N/Q | PPM |
| | NOT QUANTIFIABLE DUE TO SAMPLE DEGRADATION OF ANALYTICAL SYSTEM | |
| GCMS 4-CHLORO-3-METHYLPHEN | N/Q | PPM |
| GCMS 2,4-DICHLOROPHENOL | N/Q | PPM |
| GCMS 2,4-DIMETHYLPHENOL | N/Q | PPM |
| GCMS 2,4-DINITROPHENOL | N/Q | PPM |
| GCMS 4 6-DINITRO-2-METHYLP | N/Q | PPM |
| GCMS 2-NITROPHENOL | N/Q | PPM |
| GCMS 4-NITROPHENOL | N/Q | PPM |
| GCMS PENTACHLOROPHENOL | N/Q | PPM |
| GCMS PHENOL | 1300 | PPM |
| GCMS 2,4,6-TRICHLOROPHENOL | N/Q | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL GEC

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-0005

08/08/89 LABORATORY REPORT 

F034 8437813 N81
KP/* / / /

FIW - ILLINOIS
P O. BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89199-F04545 SOLID WASTE /1033/#4179
DATE COLLECTED 07/17/89 DATE RECEIVED 07/18/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| TRICHLOROFLUOROMETHANE | <0.10 | PPM |
| ETHYL ETHER | <0.10 | PPM |
| METHANOL | 640 | PPM |
| 1,1,2TRICHLORO-1,2,2TRIFLUOROE | <0.10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| ETHANOL | <0.10 | PPM |
| ACETONE | <0 10 | PPM |
| METHYLENE CHLORIDE | <0.10 | PPM |
| ISOPROPANOL | <0.10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| CARBON TETRACHLORIDE | <0 10 | PPM |
| ETHYL ACETATE | <0.10 | PPM |
| METHYL ETHYL KETONE | <0.10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION. | |
| 1,1,1-TRICHLOROETHANE | <0.10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION. | |
| BENZENE | <0 10 | PPM |
| TRICHLOROETHYLENE | <0.10 | PPM |
| ISOBUTANOL | <0.10 | PPM |
| N-BUTANOL | <0.10 | PPM |
| TOLUENE | 40 | PPM |
| 2-ETHOXYETHANOL | <0.10 | PPM |
| METHYL ISOBUTYL KETONE | <0.10 | PPM |
| TETRACHLOROETHYLENE | <0.10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION. | |
| BUTYL ACETATE | <0 10 | PPM |
| ETHYLBENZENE | <0 10 | PPM |
| XYLENES | 150 | PPM |
| STYRENE | <0.10 | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A. ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

REFERENCE NUMBER 01

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154-4699 (414) 764 7005



F034 8437813 W81
KP/# / / /

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89199-F04545 SOLID WASTE /1033/#4179
DATE COLLECTED 07/17/89 DATE RECEIVED 07/18/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| 2-ETHOXYETHANOL ACETATE | <0 10 | PPM |
| 2-BUTOXYETHANOL | <0.10 | PPM |
| CYCLOHEXANONE | <0.10 | PPM |
| CHLOROBENZENE | <0.10 | PPM |
| O-DICHLOROBENZENE | <0.10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION | |
| CARBON DISULFIDE | <0.10 | PPM |
| CHLOROFORM | <0.10 | PPM |
| M-CRESOL | <0.10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION. | |
| O-CRESOL | <0.10 | PPM |
| P-CRESOL | <0.10 | PPM |
| NITROBENZENE | <0.10 | PPM |
| PYRIDINE | <0.10 | PPM |
| | HIGH DETECTION LIMITS DUE TO SAMPLE CONCENTRATION. | |
| 2- NITROPROPANE | <1 0 | PPM |
| 1,1,2- TRICHLOROETHANE | <1 0 | PPM |
| GCMS ACENAPHTHENE | N/Q | PPM |
| | NOT QUANTIFIABLE DUE TO LACK OF RECOVERY OF INTERNAL STANDARDS. | |
| GCMS ACENAPHTHYLENE | N/Q | PPM |
| GCMS ANTHRACENE | N/Q | PPM |
| GCMS BENZIDINE | N/Q | PPM |
| GCMS BENZO(A)ANTHRACENE | N/Q | PPM |
| GCMS BENZO(A)PYRENE | N/Q | PPM |
| GCMS BENZO(B)FLUORANTHENE | N/Q | PPM |
| GCMS BENZO(G,H,I)PERYLENE | N/Q | PPM |
| GCMS BENZO(K)FLUORANTHENE | N/Q | PPM |
| GCMS BENZYL BUTYL PHTHALAT | 94 | PPM |
| | ALL QUANTIFICATIONS ARE APPROXIMATE DUE TO SAMPLE DEGRADATION OF ANALYTICAL SYSTEM | |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT. WI DNR LAB CERTIFICATION #241283020/A.I.H A ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL GEG

CHEM-BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005

08/08/89 LABORATORY REPORT 

F034 8437813 W81
KP/* / / /

FIN - ILLINOIS
P.O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89199-F04545 SOLID WASTE /1033/#4179
DATE COLLECTED 07/17/89 DATE RECEIVED 07/18/89

| TEST | NAME | RESULT | UNITS |
|---|---|---|---|
| GCMS | BIS(2-CHLOROETHOXY)ME | N/Q | PPM |
| GCMS | BIS(2-CHLOROETHYL)ETH | N/Q | PPM |
| GCMS | BIS(2-CHLOROISOPROPYL | N/Q | PPM |
| GCMS | BIS(2-ETHYLHEXYL)PHTH | N/Q | PPM |
| GCMS | 4-BROMOPHENYL PHENYL | N/Q- | PPM |
| GCMS | 2-CHLORONAPHTHALENE | N/Q | PPM |
| GCMS | 4-CHLOROPHENYL PHENYL | N/Q | PPM |
| GCMS | CHRYSENE | N/Q | PPM |
| GCMS | DIBENZO(A,H)ANTHRACEN | N/Q | PPM |
| GCMS | 1,2-DICHLOROBENZENE | N/Q | PPM |
| GCMS | 1,3-DICHLOROBENZENE | N/Q | PPM |
| GCMS | 1,4-DICHLOROBENZENE | N/Q | PPM |
| GCMS | 3,3' - DICHLOROBENZID | N/Q | PPM |
| GCMS | DIETHYLPHTHALATE | N/Q | PPM |
| GCMS | DIMETHYLPHTHALATE | N/Q | PPM |
| GCMS | 2,4-DINITROTOLUENE | N/Q | PPM |
| GCMS | 2,6-DINITROTOLUENE | N/Q | PPM |
| GCMS | DI-N-BUTYLPHTHALATE | N/Q | PPM |
| GCMS | DI-N-OCTYLPHTHALATE | N/Q | PPM |
| GCMS | FLUORANTHENE | N/Q | PPM |
| GCMS | FLUORENE | N/Q | PPM |
| GCMS | HEXACHLOROBENZENE | N/Q | PPM |
| GCMS | HEXACHLOROBUTADIENE | N/Q | PPM |
| GCMS | HEXACHLOROCYCLOPENTAD | N/Q | PPM |
| GCMS | HEXACHLOROETHANE | N/Q | PPM |
| GCMS | INDENO(1,2,3,C,D)PYRE | N/Q | PPM |
| GCMS | ISOPHORONE | N/Q | PPM |
| GCMS | NAPHTHALENE | 53 | PPM |
| GCMS | NITROBENZENE | N/Q | PPM |
| GCMS | N-NITROSODIMETHYLAMIN | N/Q | PPM |
| GCMS | N-NITROSODIPHENYLAMIN | N/Q | PPM |
| GCMS | N-NITROSO-DI-N-PROPYL | N/Q | PPM |
| GCMS | PHENANTHRENE | N/Q | PPM |
| GCMS | PYRENE | N/Q | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H A. ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

REFERENCE NUMBER 01

CHEM-BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK WI 53154-4599 (414) 764-7005

08/08/89 LABORATORY REPORT PAGE 3

F034 8437813 W81
KP/* / / /

FIN - ILLINOIS
P.O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89199-F04545 SOLID WASTE /1033/#4179
DATE COLLECTED 07/17/89 DATE RECEIVED 07/18/89

| TEST | NAME | RESULT | UNITS |
|---|---|---|---|
| GCMS | BIS(2-CHLOROETHOXY)ME | N/Q | PPM |
| GCMS | BIS(2-CHLOROETHYL)ETH | N/Q | PPM |
| GCMS | BIS(2-CHLOROISOPROPYL | N/Q | PPM |
| GCMS | BIS(2-ETHYLHEXYL)PHTH | N/Q | PPM |
| GCMS | 4-BROMOPHENYL PHENYL | N/Q | PPM |
| GCMS | 2-CHLORONAPHTHALENE | N/Q | PPM |
| GCMS | 4-CHLOROPHENYL PHENYL | N/Q | PPM |
| GCMS | CHRYSENE | N/Q | PPM |
| GCMS | DIBENZO(A,H)ANTHRACEN | N/Q | PPM |
| GCMS | 1,2-DICHLOROBENZENE | N/Q | PPM |
| GCMS | 1,3-DICHLOROBENZENE | N/Q | PPM |
| GCMS | 1,4-DICHLOROBENZENE | N/Q | PPM |
| GCMS | 3,3' - DICHLOROBENZID | N/Q | PPM |
| GCMS | DIETHYLPHTHALATE | N/Q | PPM |
| GCMS | DIMETHYLPHTHALATE | N/Q | PPM |
| GCMS | 2,4-DINITROTOLUENE | N/Q | PPM |
| GCMS | 2,6-DINITROTOLUENE | N/Q | PPM |
| GCMS | DI-N-BUTYLPHTHALATE | N/Q | PPM |
| GCMS | DI-N-OCTYLPHTHALATE | N/Q | PPM |
| GCMS | FLUORANTHENE | N/Q | PPM |
| GCMS | FLUORENE | N/Q | PPM |
| GCMS | HEXACHLOROBENZENE | N/Q | PPM |
| GCMS | HEXACHLOROBUTADIENE | N/Q | PPM |
| GCMS | HEXACHLOROCYCLOPENTAD | N/Q | PPM |
| GCMS | HEXACHLOROETHANE | N/Q | PPM |
| GCMS | INDENO(1,2,3,C,D)PYRE | N/Q | PPM |
| GCMS | ISOPHORONE | N/Q | PPM |
| GCMS | NAPHTHALENE | 53 | PPM |
| GCMS | NITROBENZENE | N/Q | PPM |
| GCMS | N-NITROSODIMETHYLAMIN | N/Q | PPM |
| GCMS | N-NITROSODIPHENYLAMIN | N/Q | PPM |
| GCMS | N-NITROSO-DI-N-PROPYL | N/Q | PPM |
| GCMS | PHENANTHRENE | N/Q | PPM |
| GCMS | PYRENE | N/Q | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A I H.A. ACCREDITED
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

ENVIRONMENTAL SERVICES
CHEM BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK WI 53154 4599 (414) 764 7008

08/08/89 LABORATORY REPORT 

F034 8437813 W81
XP/* / / /

FIW - ILLINOIS
P O BOX 479
PECATONICA ,IL 61063
ATTN: RANDALL OLSON

SAMPLE 89199-F04545 SOLID WASTE /1033/#4179
DATE COLLECTED 07/17/89 DATE RECEIVED 07/18/89

| TEST NAME | RESULT | UNITS |
|---|---|---|
| GCMS 1,2,4-TRICHLOROBENZEN | N/Q | PPM |
| AZOBENZENE(1,2-DIPHENYLHYDRAZI | N/Q | PPM |
| GCMS 2-CHLOROPHENOL | N/Q | PPM |
| | NOT QUANTIFIABLE DUE TO SAMPLE DEGRADATION OF ANALYTICAL SYSTEM. | |
| GCMS 4-CHLORO-3-METHYLPHEN | N/Q | PPM |
| GCMS 2,4-DICHLOROPHENOL | N/Q | PPM |
| GCMS 2,4-DIMETHYLPHENOL | N/Q | PPM |
| GCMS 2,4-DINITROPHENOL | N/Q | PPM |
| GCMS 4,6-DINITRO-2-METHYLP | N/Q | PPM |
| GCMS 2-NITROPHENOL | N/Q | PPM |
| GCMS 4-NITROPHENOL | N/Q | PPM |
| GCMS PENTACHLOROPHENOL | N/Q | PPM |
| GCMS PHENOL | 2600 | PPM |
| GCMS 2,4,6-TRICHLOROPHENOL | N/Q | PPM |

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT WI DNR LAB CERTIFICATION #241283020/A.I.H A ACCREDITED.
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 25th, 1989

RE Kaney X101A
Project # 1104-09-01-0000
Lab ID 8907G758-002
Sample Date 07/19/89
Date Received 07/21/89

## Inorganic Client Data Report

| Parameters | Result | | Units | Reporting Limit |
|---|---|---|---|---|
| % Solids | 83 2 | | % | 0 10 |
| Cyanide, Total | 0 58 | u | mg/kg | 0 58 |
| Flash Point | >200 | | DEG F | 25 |
| Phenol | 3 7 | | mg/kg | 1 8 |
| Silver, Total | 2 2 | u | mg/kg | 2 2 |
| Arsenic, Total | 3 7 | | mg/kg | 2 4 |
| Beryllium, Total | 1 1 | u | mg/kg | 1 1 |
| Cadmium, Total | 1 1 | u | mg/kg | 1 1 |
| Chromium, Total | 11 7 | | mg/kg | 2 2 |
| Copper, Total | 15 4 | | mg/kg | 5 6 |
| Mercury, Total | 0 11 | u | mg/kg | 0 11 |
| Nickel, Total | 18 2 | | mg/kg | 8 9 |
| Lead, Total | 8 3 | | mg/kg | 0 48 |
| Antimony, Total | 13 4 | u | mg/kg | 13 4 |
| Selenium, Total | 1 2 | u | mg/kg | 1 2 |
| Thallium, Total | 2 4 | u | mg/kg | 2 4 |
| Zinc, Total | 38 9 | | mg/kg | 4 5 |

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7683

REFERENCE NUMBER 01

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X101A
Project # 1104-09-01-0000
Lab ID 8907G758-002
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

**VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST**

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Chloromethane | BDL | 600 | U |
| Bromomethane | BDL | 600 | U |
| Vinyl Chloride | BDL | 600 | U |
| Chloroethane | BDL | 600 | U |
| Methylene Chloride | 530 | 300 | |
| Acetone | 1600 | 600 | |
| 1,1-Dichloroethene | BDL | 300 | U |
| 1,1-Dichloroethane | BDL | 300 | U |
| 1,2-Dichloroethene (total) | BDL | 300 | U |
| Chloroform | BDL | 300 | U |
| 1,2-Dichloroethane | BDL | 300 | U |
| 1,1,1-Trichloroethane | BDL | 300 | U |
| Carbon Tetrachloride | BDL | 300 | U |
| Bromodichloromethane | BDL | 300 | U |
| 1,2-Dichloropropane | BDL | 300 | U |
| cis-1,3-Dichloropropene | BDL | 300 | U |
| Trichloroethene | BDL | 300 | U |

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 11th, 1989

RE Kaney X101A
Project # 1104-09-01-0000
Lab ID 8907G758-002
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## SEMIVOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Semivolatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| 4-Bromophenyl-phenylether | BDL | 1800 | U |
| Hexachlorobenzene | BDL | 1800 | U |
| Pentachlorophenol | BDL | 8900 | U |
| Phenanthrene | 2100 | 1800 | |
| Anthracene | BDL | 1800 | U |
| Di-n-Butylphthalate | BDL | 1800 | U |
| Fluoranthene | BDL | 1800 | U |
| Pyrene | BDL | 1800 | U |
| Butylbenzylphthalate | BDL | 1800 | U |
| 3,3'-Dichlorobenzidine | BDL | 3500 | U |
| Benzo(a)anthracene | BDL | 1800 | U |
| Chrysene | BDL | 1800 | U |
| bis(2-Ethylhexyl)phthalate | 750 | 1800 | JB |
| Di-n-Octyl phthalate | BDL | 1800 | U |
| Benzo(b)fluoranthene | BDL | 1800 | U |
| Benzo(k)fluoranthene | BDL | 1800 | U |
| Benzo(a)pyrene | BDL | 1800 | U |

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 25th, 1989

RE Kaney X101B
Project # 1104 09-01-0000
Lab ID 8907G758-003
Sample Date 07/19/89
Date Received 07/21/89

## Inorganic Client Data Report

| Parameters | Result | | Units | Reporting Limit |
|---|---|---|---|---|
| % Solids | 91 0 | | % | 0 10 |
| Cyanide, Total | 0 57 | u | mg/kg | 0 57 |
| Flash Point | >200 | | DEG F | 25 |
| Phenol | 3 9 | | mg/kg | 1 6 |
| Silver, Total | 2 1 | u | mg/kg | 2 1 |
| Arsenic, Total | 2 7 | | mg/kg | 2 1 |
| Beryllium, Total | 1 0 | u | mg/kg | 1 0 |
| Cadmium, Total | 1 0 | u | mg/kg | 1 0 |
| Chromium, Total | 16 3 | | mg/kg | 2 1 |
| Copper, Total | 25 8 | | mg/kg | 5 2 |
| Mercury, Total | 0 11 | u | mg/kg | 0 11 |
| Nickel, Total | 22 3 | | mg/kg | 8 3 |
| Lead, Total | 5 4 | | mg/kg | 0 83 |
| Antimony, Total | 12 4 | u | mg/kg | 12 4 |
| Selenium, Total | 1 0 | u | mg/kg | 1 0 |
| Thallium, Total | 2 1 | u | mg/kg | 2 1 |
| Zinc, Total | 33 5 | | mg/kg | 4 1 |

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT
# REFERENCE NUMBER 01

To Illinois EPA
2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X101B
Project # 1104-09-01-0000
Lab ID 8907G758-003
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Chloromethane | BDL | 550 | U |
| Bromomethane | BDL | 550 | U |
| Vinyl Chloride | BDL | 550 | U |
| Chloroethane | BDL | 550 | U |
| Methylene Chloride | 830 | 280 | |
| Acetone | BDL | 550 | U |
| 1,1-Dichloroethene | BDL | 280 | U |
| 1,1-Dichloroethane | BDL | 280 | U |
| 1,2-Dichloroethene (total) | BDL | 280 | U |
| Chloroform | BDL | 280 | U |
| 1,2-Dichloroethane | BDL | 280 | U |
| 1,1,1-Trichloroethane | BDL | 280 | U |
| Carbon Tetrachloride | BDL | 280 | U |
| Bromodichloromethane | BDL | 280 | U |
| 1,2-Dichloropropane | BDL | 280 | U |
| cis-1,3-Dichloropropene | BDL | 280 | U |
| Trichloroethene | BDL | 280 | U |

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT
REFERENCE NUMBER 01

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 11th, 1989

RE Kaney X101B
Project # 1104-09-01-0000
Lab ID 8907G758-003
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## SEMIVOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Semivolatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Hexachlorobutadiene | BDL | 1700 | U |
| 4-Chloro-3-methylphenol | BDL | 1700 | U |
| Hexachlorocyclopentadiene | BDL | 1700 | U |
| 2,4,6-Trichlorophenol | BDL | 1700 | U |
| 2-Chloronaphthalene | BDL | 1700 | U |
| Dimethylphthalate | BDL | 1700 | U |
| Acenaphthylene | BDL | 1700 | U |
| 2,6-Dinitrotoluene | BDL | 1700 | U |
| Acenaphthene | BDL | 1700 | U |
| 2,4-Dinitrophenol | BDL | 8300 | U |
| 4-Nitrophenol | BDL | 8300 | U |
| 2,4-Dinitrotoluene | BDL | 1700 | U |
| Diethylphthalate | BDL | 1700 | U |
| 4-Chlorophenyl-phenylether | BDL | 1700 | U |
| Fluorene | 710 | 1700 | J |
| 4,6-Dinitro-2-methylphenol | BDL | 8300 | U |
| N-Nitrosodiphenylamine (1) | BDL | 1700 | U |

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA
2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 11th, 1989

RE Kaney X101B
Project # 1104-09-01-0000
Lab ID 8907G758-003
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## SEMIVOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Semivolatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| 4-Bromophenyl-phenylether | BDL | 1700 | U |
| Hexachlorobenzene | BDL | 1700 | U |
| Pentachlorophenol | BDL | 8300 | U |
| Phenanthrene | 2400 | 1700 | |
| Anthracene | BDL | 1700 | U |
| Di-n-Butylphthalate | BDL | 1700 | U |
| Fluoranthene | BDL | 1700 | U |
| Pyrene | BDL | 1700 | U |
| Butylbenzylphthalate | BDL | 1700 | U |
| 3,3'-Dichlorobenzidine | BDL | 3300 | U |
| Benzo(a)anthracene | BDL | 1700 | U |
| Chrysene | BDL | 1700 | U |
| bis(2-Ethylhexyl)phthalate | 670 | 1700 | JB |
| Di-n-Octyl phthalate | BDL | 1700 | U |
| Benzo(b)fluoranthene | BDL | 1700 | U |
| Benzo(k)fluoranthene | BDL | 1700 | U |
| Benzo(a)pyrene | BDL | 1700 | U |

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 25th, 1989

RE Kaney X102
Project # 1104-09-01-0000
Lab ID 8907G758-004
Sample Date 07/19/89
Date Received 07/21/89

## Inorganic Client Data Report

| Parameters | Result | | Units | Reporting Limit |
|---|---|---|---|---|
| % Solids | 82 4 | | % | 0 10 |
| Cyanide, Total | 0 60 | u | mg/kg | 0 60 |
| Flash Point | >200 | | DEG F | 25 |
| Phenol | 5 9 | | mg/kg | 1 7 |
| Silver, Total | 2 4 | u | mg/kg | 2 4 |
| Arsenic, Total | 3 5 | | mg/kg | 2 4 |
| Beryllium, Total | 1 2 | u | mg/kg | 1 2 |
| Cadmium, Total | 1 2 | u | mg/kg | 1 2 |
| Chromium, Total | 5 9 | | mg/kg | 2 4 |
| Copper, Total | 6 0 | u | mg/kg | 6 0 |
| Mercury, Total | 0 097 | u | mg/kg | 0 097 |
| Nickel, Total | 9 7 | u | mg/kg | 9 7 |
| Lead, Total | 11 2 | | mg/kg | 2 4 |
| Antimony, Total | 14 5 | u | mg/kg | 14 5 |
| Selenium, Total | 1 2 | u | mg/kg | 1 2 |
| Thallium, Total | 2 4 | u | mg/kg | 2 4 |
| Zinc, Total | 52 9 | | mg/kg | 4 8 |

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MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

# REFERENCE NUMBER 01

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X102
Project # 1104-09-01-0000
Lab ID 8907G758-004
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Chloromethane | BDL | 1200 | U |
| Bromomethane | BDL | 1200 | U |
| Vinyl Chloride | BDL | 1200 | U |
| Chloroethane | BDL | 1200 | U |
| Methylene Chloride | 760 | 600 | |
| Acetone | BDL | 1200 | U |
| 1,1-Dichloroethene | BDL | 600 | U |
| 1,1-Dichloroethane | BDL | 600 | U |
| 1,2-Dichloroethene (total) | BDL | 600 | U |
| Chloroform | BDL | 600 | U |
| 1,2-Dichloroethane | BDL | 600 | U |
| 1,1,1-Trichloroethane | BDL | 600 | U |
| Carbon Tetrachloride | BDL | 600 | U |
| Bromodichloromethane | BDL | 600 | U |
| 1,2-Dichloropropane | BDL | 600 | U |
| cis-1,3-Dichloropropene | BDL | 600 | U |
| Trichloroethene | BDL | 600 | U |

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ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X102
Project # 1104-09-01-0000
Lab ID 8907G758-004
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

**VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST**

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Dibromochloromethane | BDL | 600 | U |
| 1,1,2-Trichloroethane | BDL | 600 | U |
| Benzene | BDL | 600 | U |
| Trans-1,3-Dichloropropene | BDL | 600 | U |
| Bromoform | BDL | 600 | U |
| Tetrachloroethene | BDL | 600 | U |
| 1,1,2,2-Tetrachloroethane | BDL | 600 | U |
| Toluene | BDL | 600 | U |
| Chlorobenzene | BDL | 600 | U |
| Ethylbenzene | BDL | 600 | U |
| Xylene (total) | 1100 | 600 | |
| Acrolein | BDL | 60000 | U |
| Acrylonitrile | BDL | 12000 | U |
| Dichlorodifluoromethane | BDL | 2400 | U |
| Trichlorofluoromethane | BDL | 1200 | U |
| Bis(chloromethyl)ether | BDL | 2400 | U |
| 2-Chloroethylvinylether | BDL | 1200 | U |

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Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 11th, 1989

RE Kaney X102
Project # 1104-09-01-0000
Lab ID 8907G758-004
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## SEMIVOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Semivolatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| 4-Bromophenyl-phenylether | BDL | 1700 | U |
| Hexachlorobenzene | BDL | 1700 | U |
| Pentachlorophenol | BDL | 8400 | U |
| Phenanthrene | BDL | 1700 | U |
| Anthracene | BDL | 1700 | U |
| Di-n-Butylphthalate | BDL | 1700 | U |
| Fluoranthene | BDL | 1700 | U |
| Pyrene | BDL | 1700 | U |
| Butylbenzylphthalate | BDL | 1700 | U |
| 3,3'-Dichlorobenzidine | BDL | 3400 | U |
| Benzo(a)anthracene | BDL | 1700 | U |
| Chrysene | BDL | 1700 | U |
| bis(2-Ethylhexyl)phthalate | 280 | 1700 | JB |
| Di-n-Octyl phthalate | BDL | 1700 | U |
| Benzo(b)fluoranthene | BDL | 1700 | U |
| Benzo(k)fluoranthene | BDL | 1700 | U |
| Benzo(a)pyrene | BDL | 1700 | U |

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ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 25th, 1989

RE Kaney X103
Project # 1104-09-01-0000
Lab ID 8907G758-005
Sample Date 07/19/89
Date Received 07/21/89

## Inorganic Client Data Report

| Parameters | Result | | Units | Reporting Limit |
|---|---|---|---|---|
| % Solids | 91 8 | | % | 0 10 |
| Cyanide, Total | 0 47 | u | mg/kg | 0 47 |
| Flash Point | >200 | | DEG F | 25 |
| Phenol | 3 2 | | mg/kg | 1 5 |
| Silver, Total | 2 0 | u | mg/kg | 2 0 |
| Arsenic, Total | 2 1 | u | mg/kg | 2 1 |
| Beryllium, Total | 1 0 | u | mg/kg | 1 0 |
| Cadmium, Total | 1 0 | u | mg/kg | 1 0 |
| Chromium, Total | 5 2 | | mg/kg | 2 0 |
| Copper, Total | 5 1 | u | mg/kg | 5 1 |
| Mercury, Total | 0 098 | u | mg/kg | 0 098 |
| Nickel, Total | 8 1 | u | mg/kg | 8 1 |
| Lead, Total | 6 0 | | mg/kg | 2 1 |
| Antimony, Total | 12 1 | u | mg/kg | 12 1 |
| Selenium, Total | 1 1 | u | mg/kg | 1 1 |
| Thallium, Total | 2 1 | u | mg/kg | 2 1 |
| Zinc, Total | 49 5 | | mg/kg | 4 0 |

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ANALYTICAL REPORT

# REFERENCE NUMBER 01

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X103
Project # 1104-09-01-0000
Lab ID 8907G758-005
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Chloromethane | BDL | 540 | U |
| Bromomethane | BDL | 540 | U |
| Vinyl Chloride | BDL | 540 | U |
| Chloroethane | BDL | 540 | U |
| Methylene Chloride | 590 | 270 | |
| Acetone | 2600 | 540 | |
| 1,1-Dichloroethene | BDL | 270 | U |
| 1,1-Dichloroethane | BDL | 270 | U |
| 1,2-Dichloroethene (total) | BDL | 270 | U |
| Chloroform | BDL | 270 | U |
| 1,2-Dichloroethane | BDL | 270 | U |
| 1,1,1 Trichloroethane | BDL | 270 | U |
| Carbon Tetrachloride | BDL | 270 | U |
| Bromodichloromethane | BDL | 270 | U |
| 1,2-Dichloropropane | BDL | 270 | U |
| cis-1,3-Dichloropropene | BDL | 270 | U |
| Trichloroethene | 760 | 270 | |

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ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X103
Project # 1104-09-01-0000
Lab ID 8907G758-005
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

**VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST**

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Dibromochloromethane | BDL | 270 | U |
| 1,1,2-Trichloroethane | BDL | 270 | U |
| Benzene | BDL | 270 | U |
| Trans-1,3-Dichloropropene | BDL | 270 | U |
| Bromoform | BDL | 270 | U |
| Tetrachloroethene | BDL | 270 | U |
| 1,1,2,2-Tetrachloroethane | BDL | 270 | U |
| Toluene | BDL | 270 | U |
| Chlorobenzene | BDL | 270 | U |
| Ethylbenzene | 280 | 270 | |
| Xylene (total) | 8000 | 270 | |
| Acrolein | BDL | 27000 | U |
| Acrylonitrile | BDL | 5400 | U |
| Dichlorodifluoromethane | BDL | 1100 | U |
| Trichlorofluoromethane | BDL | 540 | U |
| Bis(chloromethyl)ether | BDL | 1100 | U |
| 2-Chloroethylvinylether | BDL | 540 | U |

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2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 25th, 1989

RE Kaney X104
Project # 1104-09-01-0000
Lab ID 8907G758-006
Sample Date 07/19/89
Date Received 07/21/89

## Inorganic Client Data Report

| Parameters | Result | | Units | Reporting Limit |
|---|---|---|---|---|
| % Solids | 47 3 | | % | 0 10 |
| Cyanide, Total | 0 94 | u | mg/kg | 0 94 |
| Flash Point | | | INSUF SA | |
| Phenol | 17 7 | | mg/kg | 3 1 |
| Silver, Total | 4 0 | u | mg/kg | 4 0 |
| Arsenic, Total | 9 3 | | mg/kg | 4 0 |
| Beryllium, Total | 2 0 | u | mg/kg | 2 0 |
| Cadmium, Total | 110 | | mg/kg | 2 0 |
| Chromium, Total | 93 5 | | mg/kg | 4 0 |
| Copper, Total | 185 | | mg/kg | 10 0 |
| Mercury, Total | 0 19 | u | mg/kg | 0 19 |
| Nickel, Total | 35 5 | | mg/kg | 16 0 |
| Lead, Total | 223 | | mg/kg | 16 2 |
| Antimony, Total | 24 1 | u | mg/kg | 24 1 |
| Selenium, Total | 2 0 | u | mg/kg | 2 0 |
| Thallium, Total | 4 0 | u | mg/kg | 4 0 |
| Zinc, Total | 2550 | | mg/kg | 8 0 |

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01

REFERENCE NUMBER

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X104
Project # 1104-09-01 0000
Lab ID 8907G758-006
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Chloromethane | BDL | 110 | U |
| Bromomethane | BDL | 110 | U |
| Vinyl Chloride | BDL | 110 | U |
| Chloroethane | BDL | 110 | U |
| Methylene Chloride | 150 | 53 | |
| Acetone | 1200 | 110 | |
| 1,1-Dichloroethene | BDL | 53 | U |
| 1,1-Dichloroethane | BDL | 53 | U |
| 1,2-Dichloroethene (total) | BDL | 53 | U |
| Chloroform | BDL | 53 | U |
| 1,2-Dichloroethane | BDL | 53 | U |
| 1,1,1-Trichloroethane | BDL | 53 | U |
| Carbon Tetrachloride | BDL | 53 | U |
| Bromodichloromethane | BDL | 53 | U |
| 1,2-Dichloropropane | BDL | 53 | U |
| cis-1,3-Dichloropropene | BDL | 53 | U |
| Trichloroethene | BDL | 53 | U |

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ANALYTICAL REPORT

To Illinois EPA
2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 11th, 1989

RE Kaney X104
Project # 1104-09-01-0000
Lab ID 8907G758-006
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## SEMIVOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Semivolatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| 4-Bromophenyl-phenylether | BDL | 31000 | U |
| Hexachlorobenzene | BDL | 31000 | U |
| Pentachlorophenol | BDL | 150000 | U |
| Phenanthrene | BDL | 31000 | U |
| Anthracene | BDL | 31000 | U |
| Di-n-Butylphthalate | BDL | 31000 | U |
| Fluoranthene | BDL | 31000 | U |
| Pyrene | BDL | 31000 | U |
| Butylbenzylphthalate | BDL | 31000 | U |
| 3,3'-Dichlorobenzidine | BDL | 62000 | U |
| Benzo(a)anthracene | BDL | 31000 | U |
| Chrysene | BDL | 31000 | U |
| bis(2-Ethylhexyl)phthalate | 20000 | 31000 | JB |
| Di-n-Octyl phthalate | BDL | 31000 | U |
| Benzo(b)fluoranthene | BDL | 31000 | U |
| Benzo(k)fluoranthene | BDL | 31000 | U |
| Benzo(a)pyrene | BDL | 31000 | U |

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Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 25th, 1989

RE Kaney X201
Project # 1104-09-01-0000
Lab ID 8907G758-007
Sample Date 07/19/89
Date Received 07/21/89

## Inorganic Client Data Report

| Parameters | Result | | Units | Reporting Limit |
|---|---|---|---|---|
| % Solids | 78 8 | | % | 0 10 |
| Cyanide, Total | 0 96 | | mg/kg | 0 59 |
| Flash Point | 117 | | DEG F | 25 |
| Phenol | 28 8 | | mg/kg | 3 7 |
| Silver, Total | 0 98 | u | mg/kg | 0 98 |
| Arsenic, Total | 0 98 | u | mg/kg | 0 98 |
| Beryllium, Total | 0 49 | u | mg/kg | 0 49 |
| Cadmium, Total | 0 60 | | mg/kg | 0 49 |
| Chromium, Total | 1 3 | | mg/kg | 0 98 |
| Copper, Total | 3 3 | | mg/kg | 2 4 |
| Mercury, Total | 0 12 | u | mg/kg | 0 12 |
| Nickel, Total | 3 9 | u | mg/kg | 3 9 |
| Lead, Total | 208 | | mg/kg | 19 5 |
| Antimony, Total | 5 8 | u | mg/kg | 5 8 |
| Selenium, Total | 0 49 | u | mg/kg | 0 49 |
| Thallium, Total | 0 98 | u | mg/kg | 0 98 |
| Zinc, Total | 126 | | mg/kg | 2 0 |

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WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723-4533

REFERENCE NUMBER 01

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X201
Project # 1104-09-01-0000
Lab ID 8907G758-007
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Chloromethane | BDL | 100000 | U |
| Bromomethane | BDL | 100000 | U |
| Vinyl Chloride | BDL | 100000 | U |
| Chloroethane | BDL | 100000 | U |
| Methylene Chloride | 91000 | 50000 | |
| Acetone | 660000 | 100000 | |
| 1,1-Dichloroethene | BDL | 50000 | U |
| 1,1-Dichloroethane | BDL | 50000 | U |
| 1,2-Dichloroethene (total) | BDL | 50000 | U |
| Chloroform | BDL | 50000 | U |
| 1,2-Dichloroethane | BDL | 50000 | U |
| 1,1,1-Trichloroethane | 35000 | 50000 | J |
| Carbon Tetrachloride | BDL | 50000 | U |
| Bromodichloromethane | BDL | 50000 | U |
| 1,2-Dichloropropane | BDL | 50000 | U |
| cis-1,3-Dichloropropene | BDL | 50000 | U |
| Trichloroethene | 180000 | 50000 | |

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ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X201
Project # 1104-09-01-0000
Lab ID 8907G758-007
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Dibromochloromethane | BDL | 50000 | U |
| 1,1,2-Trichloroethane | BDL | 50000 | U |
| Benzene | BDL | 50000 | U |
| Trans-1,3-Dichloropropene | BDL | 50000 | U |
| Bromoform | BDL | 50000 | U |
| Tetrachloroethene | BDL | 50000 | U |
| 1,1,2,2-Tetrachloroethane | BDL | 50000 | U |
| Toluene | 440000 | 50000 | |
| Chlorobenzene | BDL | 50000 | U |
| Ethylbenzene | 880000 | 50000 | |
| Xylene (total) | 3200000 | 50000 | |
| Acrolein | BDL | 5000000 | U |
| Acrylonitrile | BDL | 1000000 | U |
| Dichlorodifluoromethane | BDL | 200000 | U |
| Trichlorofluoromethane | BDL | 100000 | U |
| Bis(chloromethyl)ether | BDL | 200000 | U |
| 2-Chloroethylvinylether | BDL | 100000 | U |

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2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 11th, 1989

RE Kaney X201
Project # 1104-09-01-0000
Lab ID 8907G758-007
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## SEMIVOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Semivolatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Phenol | BDL | 1000000 | U |
| bis(2 Chloroethyl)ether | BDL | 1000000 | U |
| 2-Chlorophenol | BDL | 1000000 | U |
| 1,3-Dichlorobenzene | BDL | 1000000 | U |
| 1,4-Dichlorobenzene | BDL | 1000000 | U |
| 1,2-Dichlorobenzene | BDL | 1000000 | U |
| bis(2 Chloroisopropyl)ether | BDL | 1000000 | U |
| N-Nitroso-Di-n propylamine | BDL | 1000000 | U |
| Hexachloroethane | BDL | 1000000 | U |
| Nitrobenzene | BDL | 1000000 | U |
| Isophorone | BDL | 1000000 | U |
| 2-Nitrophenol | BDL | 1000000 | U |
| 2,4-Dimethylphenol | BDL | 1000000 | U |
| bis(2-Chloroethoxy)methane | BDL | 1000000 | U |
| 2,4-Dichlorophenol | BDL | 1000000 | U |
| 1,2,4-Trichlorobenzene | BDL | 1000000 | U |
| Naphthalene | 300000 | 1000000 | J |

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WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

# REFERENCE NUMBER 01

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 11th, 1989

RE Kaney X201
Project # 1104-09-01 0000
Lab ID 8907G758-007
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## SEMIVOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Semivolatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Hexachlorobutadiene | BDL | 1000000 | U |
| 4-Chloro-3-methylphenol | BDL | 1000000 | U |
| Hexachlorocyclopentadiene | BDL | 1000000 | U |
| 2,4,6-Trichlorophenol | BDL | 1000000 | U |
| 2-Chloronaphthalene | BDL | 1000000 | U |
| Dimethylphthalate | BDL | 1000000 | U |
| Acenaphthylene | BDL | 1000000 | U |
| 2,6-Dinitrotoluene | BDL | 1000000 | U |
| Acenaphthene | BDL | 1000000 | U |
| 2,4-Dinitrophenol | BDL | 5000000 | U |
| 4-Nitrophenol | BDL | 5000000 | U |
| 2,4-Dinitrotoluene | BDL | 1000000 | U |
| Diethylphthalate | BDL | 1000000 | U |
| 4 Chlorophenyl-phenylether | BDL | 1000000 | U |
| Fluorene | BDL | 1000000 | U |
| 4,6-Dinitro-2-methylphenol | BDL | 5000000 | U |
| N-Nitrosodiphenylamine (1) | BDL | 1000000 | U |

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 25th, 1989

RE Kaney X202
Project # 1104-09-01-0000
Lab ID 8907G758-008
Sample Date 07/19/89
Date Received 07/21/89

## Inorganic Client Data Report

| Parameters | Result | | Units | Reporting Limit |
|---|---|---|---|---|
| % Solids | 10 3 | | % | 0 10 |
| Cyanide, Total | 4 6 | u | mg/kg | 4 6 |
| Flash Point | 84 | | DEG F | 25 |
| Phenol | 20900 | | mg/kg | 1470 |
| Silver, Total | 1 0 | u | mg/kg | 1 0 |
| Arsenic, Total | 0 95 | u | mg/kg | 0 95 |
| Beryllium, Total | 0 50 | u | mg/kg | 0 50 |
| Cadmium, Total | 2 3 | | mg/kg | 0 50 |
| Chromium, Total | 12 1 | | mg/kg | 1 0 |
| Copper, Total | 10 2 | | mg/kg | 2 5 |
| Mercury, Total | 0 73 | u | mg/kg | 0 73 |
| Nickel, Total | 4 0 | u | mg/kg | 4 0 |
| Lead, Total | 35 1 | | mg/kg | 3 8 |
| Antimony, Total | 6 0 | u | mg/kg | 6 0 |
| Selenium, Total | 0 47 | u | mg/kg | 0 47 |
| Thallium, Total | 0 95 | u | mg/kg | 0 95 |
| Zinc, Total | 75 2 | | mg/kg | 2 0 |

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MANAGERS DESIGNERS/CONSULTANTS

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2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885-7077 (815) 723 7933

REFERENCE NUMBER 1

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X202
Project # 1104-09-01-0000
Lab ID 8907G758-008
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Chloromethane | BDL | 500000 | U |
| Bromomethane | BDL | 500000 | U |
| Vinyl Chloride | BDL | 500000 | U |
| Chloroethane | BDL | 500000 | U |
| Methylene Chloride | E | 250000 | |
| Acetone | BDL | 500000 | U |
| 1,1-Dichloroethene | 110000 | 250000 | J |
| 1,1-Dichloroethane | BDL | 250000 | U |
| 1,2-Dichloroethene (total) | BDL | 250000 | U |
| Chloroform | 460000 | 250000 | |
| 1,2-Dichloroethane | BDL | 250000 | U |
| 1,1,1-Trichloroethane | 520000 | 250000 | |
| Carbon Tetrachloride | 980000 | 250000 | |
| Bromodichloromethane | BDL | 250000 | U |
| 1,2-Dichloropropane | BDL | 250000 | U |
| cis-1,3-Dichloropropene | BDL | 250000 | U |
| Trichloroethene | E | 250000 | |

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ANALYTICAL REPORT

To Illinois EPA
2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X202
Project # 1104-09-01-0000
Lab ID 8907G758-008
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Dibromochloromethane | BDL | 250000 | U |
| 1,1,2-Trichloroethane | BDL | 250000 | U |
| Benzene | BDL | 250000 | U |
| Trans-1,3-Dichloropropene | BDL | 250000 | U |
| Bromoform | BDL | 250000 | U |
| Tetrachloroethene | 2100000 | 250000 | |
| 1,1,2,2-Tetrachloroethane | BDL | 250000 | U |
| Toluene | E | 250000 | |
| Chlorobenzene | BDL | 250000 | U |
| Ethylbenzene | 8600000 | 250000 | |
| Xylene (total) | E | 250000 | |
| Acrolein | BDL | 25000000 | U |
| Acrylonitrile | BDL | 5000000 | U |
| Dichlorodifluoromethane | BDL | 1000000 | U |
| Trichlorofluoromethane | BDL | 500000 | U |
| Bis(chloromethyl)ether | BDL | 1000000 | U |
| 2-Chloroethylvinylether | BDL | 500000 | U |

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2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date August 17, 1989

Re Kaney X202
Project # 1104-09-01-0000
Lab ID 8907G758-008 DL
Sample Date 07/19/89
Date Recieved 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Methylene Chloride | 190000000 | 12000000 | B |
| Trichloroethene | E | 12000000 | |
| Toluene | 28000000 | 12000000 | |
| Xylene (total) | 74000000 | 12000000 | |

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2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

REFERENCE NUMBER 01

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date August 17, 1989

Re Kaney X202
Project # 1104-09-01-0000
Lab ID 8907G758-008 DL
Sample Date 07/19/89
Date Recieved 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Trichloroethene | 330000000 | 25000000 | |

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WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To: Illinois EPA
2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 11th, 1989

RE Kaney X202
Project # 1104-09-01-0000
Lab ID 8907G758-008
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## SEMIVOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Semivolatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Phenol | 1400000 | 99000 | |
| bis(2 Chloroethyl)ether | BDL | 99000 | U |
| 2-Chlorophenol | BDL | 99000 | U |
| 1,3-Dichlorobenzene | BDL | 99000 | U |
| 1,4-Dichlorobenzene | BDL | 99000 | U |
| 1,2-Dichlorobenzene | BDL | 99000 | U |
| bis(2-Chloroisopropyl)ether | BDL | 99000 | U |
| N-Nitroso-Di-n-propylamine | BDL | 99000 | U |
| Hexachloroethane | BDL | 99000 | U |
| Nitrobenzene | BDL | 99000 | U |
| Isophorone | BDL | 99000 | U |
| 2-Nitrophenol | BDL | 99000 | U |
| 2,4-Dimethylphenol | BDL | 99000 | U |
| bis(2-Chloroethoxy)methane | BDL | 99000 | U |
| 2,4-Dichlorophenol | BDL | 99000 | U |
| 1,2,4-Trichlorobenzene | BDL | 99000 | U |
| Naphthalene | BDL | 99000 | U |

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2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

REFERENCE NUMBER 0.1

ANALYT CAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Friday August 25th, 1989

RE Kaney X203
Project # 1104-09-01 0000
Lab ID 8907G758-009
Sample Date 07/19/89
Date Received 07/21/89

## Inorganic Client Data Report

| Parameters | Result | | Units | Reporting Limit |
|---|---|---|---|---|
| % Solids | 2 2 | | % | 0 10 |
| Silver, Total | 0 99 | u | mg/kg | 0 99 |
| Arsenic, Total | 0 94 | u | mg/kg | 0 94 |
| Beryllium, Total | 0 50 | u | mg/kg | 0 50 |
| Cadmium, Total | 0 50 | u | mg/kg | 0 50 |
| Chromium, Total | 0 99 | u | mg/kg | 0 99 |
| Copper, Total | 2 5 | u | mg/kg | 2 5 |
| Mercury, Total | 4 4 | u | mg/kg | 4 4 |
| Nickel, Total | 4 0 | u | mg/kg | 4 0 |
| Lead, Total | 1 1 | | mg/kg | 0 19 |
| Antimony, Total | 6 0 | u | mg/kg | 6 0 |
| Selenium, Total | 0 47 | u | mg/kg | 0 47 |
| Thallium, Total | 0 94 | u | mg/kg | 0 94 |
| Zinc, Total | 4 2 | | mg/kg | 2 0 |

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WESTON GULF COAST LABORATORIES INC
2417 Bond St University Park Illinois 60466
Phones (312) 534 5200 (219) 885 7077 (815) 723 7533

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X203
Project # 1104-09-01-0000
Lab ID 8907G758-009
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

**VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST**

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Chloromethane | BDL | 10 | U |
| Bromomethane | BDL | 10 | U |
| Vinyl Chloride | BDL | 10 | U |
| Chloroethane | BDL | 10 | U |
| Methylene Chloride | BDL | 5 | U |
| Acetone | BDL | 10 | U |
| 1,1-Dichloroethene | BDL | 5 | U |
| 1,1-Dichloroethane | BDL | 5 | U |
| 1,2 Dichloroethene (total) | BDL | 5 | U |
| Chloroform | BDL | 5 | U |
| 1,2-Dichloroethane | BDL | 5 | U |
| 1,1,1 Trichloroethane | BDL | 5 | U |
| Carbon Tetrachloride | BDL | 5 | U |
| Bromodichloromethane | BDL | 5 | U |
| 1,2-Dichloropropane | BDL | 5 | U |
| cis-1,3-Dichloropropene | BDL | 5 | U |
| Trichloroethene | 10 | 5 | |

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Phones (312) 534 5200 (219) 885 7077 (815) 723 6331

ANALYTICAL REPORT

To Illinois EPA

2200 Churchill Road
Springfield, IL 62706

Attn Mrs Susan Doubet

Date Thursday August 17th, 1989

RE Kaney X203
Project # 1104-09-01 0000
Lab ID 8907G758-009
Sample Date 07/19/89
Date Received 07/21/89
Units UG/KG

## VOLATILES BY GC/MS, PRIORITY POLLUTANT LIST

| Volatile Compound | Result | Detection Limit | Flag |
|---|---|---|---|
| Dibromochloromethane | BDL | 5 | U |
| 1,1,2-Trichloroethane | BDL | 5 | U |
| Benzene | BDL | 5 | U |
| Trans-1,3-Dichloropropene | BDL | 5 | U |
| Bromoform | BDL | 5 | U |
| Tetrachloroethene | BDL | 5 | U |
| 1,1,2,2-Tetrachloroethane | BDL | 5 | U |
| Toluene | BDL | 5 | U |
| Chlorobenzene | BDL | 5 | U |
| Ethylbenzene | BDL | 5 | U |
| Xylene (total) | 7 | 5 | |
| Acrolein | BDL | 500 | U |
| Acrylonitrile | BDL | 100 | U |
| Dichlorodifluoromethane | BDL | 20 | U |
| Trichlorofluoromethane | BDL | 10 | U |
| Bis(chloromethyl)ether | BDL | 20 | U |
| 2-Chloroethylvinylether | BDL | 10 | U |

Sampling Purpose 04

Program Code LP 22

Time Collected 11:25 AM

Date Collected 7-24-89

REFERENCE NUMBER 01

SPECIAL ANALYSIS FOR

Date Received 7/25/89

Use SW 846

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR/NOISE POLLUTION CONTROL

COUNTY | FILE HEADING | FILE NUMBER

SOURCE OF SAMPLE (Exact Location)

Liquid in Barrel #8 from solvent and waste oil mixture

Sample # 201

PHYSICAL OBSERVATIONS REMARKS

Black cloudy liquid. Solvent odor

TESTS REQUESTED Full Priority Pollutant Scan

COLLECTED BY Tom Menamee

LABORATORY

RECEIVED BY Patti Anderson

DATE COMPLETED

DATE FORWARDED

IL 532 0314
LPC 8A 4 77

(NOT FOR DATA PROCESSING)

) Sc
(2) Was e
) Other

Sampling Purpose D4

Program Code LP 52

Billing Code
LPS2 563

Time Collected 11:35AM

Date Collected 7-24-89

SPECIAL ANALYSIS FORM

Lab # 89076758-002

Date Received 7/25/89

Use Sa -46

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY

FILE NUMBER

SOURCE OF SAMPLE (Exact Location)

Liquid on buried drums, from Barrel #11, [illegible]

PHYSICAL OBSERVATIONS REMARKS

Cloudy liquid, strong solvent odor, Brown in color, [illegible]

TESTS REQUESTED Full Priority Pollutant Scan

COLLECTED BY Tom McNamee

TRANSPORTED BY LPS

LABORATORY

RECEIVED BY Patti Anderson

DATE COMPLETED

DATE FORWARDED

IL 532 0314
LPC 3A 4 77

(NOT FOR DATA PROCESSING)

Purpose Code 04 (Use 1 thru 4) Billing Code LP52 563 USE SW-846 Methods?

Program Code 52 (Time Card) Sample # X101 A Yes ☒ No ☐

Time Collected 3:00 pm Lab # 89076758-002-01

SPECIAL ANALYSIS FORM REFERENCE NUMBER

Date Collected 07/19/89 Date Received 7/21/89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

| COUNTY | FILE HEADING | FILE NUMBER |
|---|---|---|
| Winnebago | Kaney Transportation Inc | 2010300071 |

SOURCE OF SAMPLE (Exact Location) Soil at bottom of excavated area after the removal of a waste oil tank West side of dispatch/maintenance office.

PHYSICAL OBSERVATIONS, REMARKS Red/Grey/Brown Sandy soil Petroleum smell was present

TESTS REQUESTED Full priority pollutant scan.

COLLECTED BY Tom McManee TRANSPORTED BY UPS

LABORATORY

RECEIVED BY Patti Anderson DATE COMPLETED DATE FORWARDED

IL 532 0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Purpose Code 04 (Use 1 thru 4) Billing Code LPS2 563 USE SW-846 Methods?

Program Code 52 (Time Card) Sample # X1C1B Yes ☒ No ☐

Time Collected 3:02 pm Lab # 89076758-003

SPECIAL ANALYSIS FORM

Date Collected 07/19/89 Date Received 7/21/89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

| COUNTY | FILE HEADING | FILE NUMBER |
|---|---|---|
| Winnebago | Kaney Transportation Inc | 2010300071 |

SOURCE OF SAMPLE (Exact Location) Soil at the bottom of an excavated area that housed a waste oil tank West side of dispatch/maintenance office

PHYSICAL OBSERVATIONS, REMARKS Red/Grey/Brown/Black Sandy sand petroleum odor present

TESTS REQUESTED Full priority pollutant scan

COLLECTED BY Tom McNamee TRANSPORTED BY UPS

LABORATORY

| RECEIVED BY | DATE COMPLETED | DATE FORWARDED |
|---|---|---|
| Patti Anderson | | |

IL 532 0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Purpose Code 04 (Use 1 thru 4) Billing Code LPS2 563 USE SW-846 Methods?

Program Code 52 (Time Card) Sample REFERENCE NUMBER No ☐

Time Collected 3 15 pm Lab # 89076758-004

SPECIAL ANALYSIS FORM

Date Collected 07/19/89 Date Received 7/21/89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

| COUNTY | FILE HEADING | FILE NUMBER |
|---|---|---|
| Winnebago | Kaney Transportation Inc | 2010300071 |

SOURCE OF SAMPLE (Exact Location) Taken from stockpiled excavated soil from the waste oil tank excavation

PHYSICAL OBSERVATIONS, REMARKS Greenish Grey / Brown sandy sand

TESTS REQUESTED Full priority pollutant scan

COLLECTED BY Tom McNamee TRANSPORTED BY UPS

LABORATORY

RECEIVED BY Patti Anderson DATE COMPLETED DATE FORWARDED

IL 532 0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Purpose Code 04 (Use 1 thru 4) Billing Code LP52 563 USE SW-846 Methods?

Program Code 52 (Time Card) Sample # X1113 Yes ☒ No ☐

Time Collected 3 40 pm Lab # PC 8907G758-005

SPECIAL ANALYSIS FORM

Date Collected 07/19/89 Date Received 7/21/89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

| COUNTY | FILE HEADING | FILE NUMBER |
|---|---|---|
| Winnebago | Kaney Transportation Inc | 2010300071 |

SOURCE OF SAMPLE (Exact Location) Excavated stockpiled soil from two (2) solvent tank excavation Solvent tanks once located on the east side of maintenance/dispatch office

PHYSICAL OBSERVATIONS, REMARKS tan to light brown sandy soil Solvent smell present

TESTS REQUESTED Full priority pollutant scan

COLLECTED BY Duryl Streed TRANSPORTED BY UPS

LABORATORY

RECEIVED BY Patti Anderson DATE COMPLETED DATE FORWARDED

IL 532 0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Purpose Code 04 (Use 1 thru 4) Billing Code LPS2 563 USE SW-846 Methods? 01

Program Code 52 (Time Card) Sample REFERENCE NUMBER Yes ☒ No ☐

Time Collected 4 40' pm Lab # 89076758-006

SPECIAL ANALYSIS FORM

Date Collected 07/19/89 Date Received 7/21/89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

| COUNTY | FILE HEADING | FILE NUMBER |
|---|---|---|
| Winnebago | Kaney Transportation Inc | 2010300071 |

SOURCE OF SAMPLE (Exact Location) Soil to the ~~to~~ South of two wash water tanks enclosed in a fenced-off area.

PHYSICAL OBSERVATIONS, REMARKS Dark brown to black soil area as a possible large spill

TESTS REQUESTED Full priority pollutant scan

COLLECTED BY Tom McGynee TRANSPORTED BY UPS

LABORATORY

| RECEIVED BY | DATE COMPLETED | DATE FORWARDED |
|---|---|---|
| Patti Anderson | | |

IL 532 0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Purpose Code 04 (Use 1 thru 4) Billing Code LPS2 563 USE SW-846 Methods?

Program Code 52 (Time Card) Sample # X201 Yes ☒ No ☐

Time Collected 3:30 pm Lab # 89076758-007

SPECIAL ANALYSIS FORM

Date Collected 07/19/89 Date Received 7/21/89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

| COUNTY | FILE HEADING | FILE NUMBER |
|---|---|---|
| Winnebago | Kaney Transportation Inc | 2010300071 |

SOURCE OF SAMPLE (Exact Location) Sludge in waste oil tank which was once located on the west side of the Dispatch/Maintenance office

PHYSICAL OBSERVATIONS, REMARKS Black / viscous / tarry sludge Petroleum odor present

TESTS REQUESTED Full priority pollutant scan

COLLECTED BY Tom McNamee TRANSPORTED BY UPS

LABORATORY

RECEIVED BY Patti Anderson DATE COMPLETED DATE FORWARDED

IL 532 0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Purpose Code 04 (Use 1 thru 4) Billing Code LPS2 563 USE SW-846 Methods?

Program Code 52 (Time Card) Sample # X202 Yes ☒ No ☐

Time Collected 3 35 pm Lab # 89076758-008

SPECIAL ANALYSIS FORM REFERENCE NUMBER 01

Date Collected 07/19/89 Date Received 7/31/89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

| COUNTY | FILE HEADING | FILE NUMBER |
|---|---|---|
| Winnebago | Kaney Transportation Inc | 2010300071 |

SOURCE OF SAMPLE (Exact Location) Composite sample taken from waste solvent tanks which had been excavated from the east side of dispatch/maintenance office

PHYSICAL OBSERVATIONS, REMARKS Solvent smell, light brown to dark brown, suspended particles present

TESTS REQUESTED Full priority pollutant scan

COLLECTED BY Tom McNamee TRANSPORTED BY UPS

LABORATORY

| RECEIVED BY | DATE COMPLETED | DATE FORWARDED |
|---|---|---|
| Patti Anderson | | |

IL 532 0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Purpose Code 04 (Use 1 thru 4) Billing Code LP52.563 USE SW-846 Methods

Program Code 52 (Time Card) Sample # x203 Yes ☒ No ☐

Time Collected 3 05pm Lab # 89076758-007

SPECIAL ANALYSIS FORM

Date Collected 07/19/89 Date Received 7/21/89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

| COUNTY | FILE HEADING | FILE NUMBER |
|---|---|---|
| Winnebago | Kaney Transportation Inc | 2010300071 |

SOURCE OF SAMPLE (Exact Location) From [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of waste oil tank) [illegible] [illegible] hole

PHYSICAL OBSERVATIONS, REMARKS water - cloudy in [illegible] [illegible] suspended particles [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

TESTS REQUESTED Full ~~[illegible]~~ priority pollutant scan

COLLECTED BY Tom McNamee TRANSPORTED BY UPS

LABORATORY

RECEIVED BY Patti Anderson DATE COMPLETED DATE FORWARDED

Bubbles in 1-Vial

IL 532 0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

REFERENCE NUMBER 01

Table 5 2
Summary of Volatile Compounds
found for
KTI Investigation Soil Samples
Analyzed on 2/27/90, 3/7/90, 3/14/90, and 3/20/90
at NET Laboratory, Rockford, Illinois

| | Compound | | |
|---|---|---|---|
| Sample I D | ethylbenzene | xylene | cis-1,2-dichloroethene |
| KT2-2 | ND | 0 014 | ND |
| KE1-5 | 14 | 33 | ND |
| KE1-10 | 16 | 50 | ND |
| KE5-9 | 0 013 | 0 120 | ND |
| KE2-14 | ND | ND | 0 0075 |

note - All results in mg/kg (ppm)

ND - Not detected

Table 5 3 Summary Table of Volatile Compounds Detected for KTI
Groundwater Samples taken on 4 23 90 and 4 24 90

Sample I D

| Compound | MW1 | MW2 | MW3 | MW4 | MW5 | MW6 | MW7 | MW8 | MW9 |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0 110 | 0 200 | 0 015 | 0 310 | < 0 001 | < 0 001 | 0 120 | 0 590 | < 0 050 |
| 1 2 Dichloroethane | < 0 010 | < 0 050 | 0 004 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | < 0 010 | < 0 050 |
| cis 1 2 Dichloroethene | 0 790 | < 0 050 | < 0 001 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | < 0 010 | 0 700 |
| Ethylbenzene | < 0 010 | < 0 050 | < 0 001 | 0 280 | < 0 001 | < 0 001 | < 0 001 | 0 036 | < 0 050 |
| Tetrachloroethene | 0 015 | < 0 050 | < 0 001 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | < 0 010 | < 0 050 |
| Toluene | 0 075 | 0 400 | < 0 001 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | 0 270 | < 0 050 |
| Trichloroethene | 0 530 | < 0 050 | < 0 001 | < 0 050 | < 0 001 | < 0 001 | < 0 001 | < 0 010 | 0 350 |
| Vinyl Chloride | < 0 100 | < 0 050 | < 0 010 | < 0 500 | < 0 010 | < 0 010 | < 0 010 | < 0 100 | < 0 500 |
| Xylenes | 0 019 | 0 800 | < 0 001 | 0 160 | < 0 001 | < 0 001 | < 0 001 | 0 190 | < 0 050 |

| Compound | R1 | KEB | Trip Blank | Trip Blank |
|---|---|---|---|---|
| Benzene | 0 020 | < 0 001 | < 0 001 | < 0 001 |
| 1 2 Dichloroethane | 0 008 | < 0 001 | < 0 001 | < 0 001 |
| cis 1 2 Dichloroethene | 0 036 | < 0 001 | < 0 001 | < 0 001 |
| Ethylbenzene | < 0 001 | < 0 001 | < 0 001 | < 0 001 |
| Tetrachloroethene | < 0 001 | < 0 001 | < 0 001 | < 0 001 |
| Toluene | 0 002 | < 0 001 | < 0 001 | < 0 001 |
| Trichloroethene | 0 010 | < 0 001 | < 0 001 | < 0 001 |
| Vinyl Chloride | 0 014 | < 0 010 | < 0 010 | < 0 010 |
| Xylenes | < 0 001 | < 0 001 | < 0 001 | < 0 001 |

< 0 00# Less than specified detection limit (mg/l)

R1 Residential Well

REFERENCE NUMBER 2

White Copy – Ill Dept of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

TRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH CONSUMER HEALTH PROTECTION 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62761 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ____ Bored ____ Hole Diam 5 in Depth 265 ft
Curb material ____ Buried Slab Yes ____ No ____
b Driven ____ Drive Pipe Diam ____ in Depth ____ ft
c Drilled ✓ Finished in Drift ____ In Rock ✓
Tubular ____ Gravel Packed ____
d Grout

| (KIND) | FROM (Ft) | TO (Ft) |
|---|---|---|
| | | |
| | | |
| | | |

2 Distance to Nearest
Building 125 Ft Seepage Tile Field 100
Cess Pool ____ Sewer (non Cast iron) ____
Privy ____ Sewer (Cast iron) ____
Septic Tank 75 Barnyard ____
Leaching Pit ____ Manure Pile ____
3. Well furnishes water for human consumption? Yes ✓ No ____
4 Date well completed 1-24-86
5 Permanent Pump Installed? Yes ____ Date ____ No ____
Manufacturer RED JACKET Type ____ Location ____
Capacity ____ gpm Depth of Setting ____ Ft
6 Well Top Sealed? Yes ✓ No ____ Type LP5
7 Pitless Adapter Installed? Yes ✓ No ____
Manufacturer MARTISON Model Number BP-10
How attached to casing? BOLTED
8 Well Disinfected? Yes ✓ No ____
9 Pump and Equipment Disinfected? Yes ✓ No ____
10 Pressure Tank Size ____ gal Type ____
Location ____
11. Water Sample Submitted? Yes ____ No ____

REMARKS

Winn - No - 4920

Co # 25922

MAY 1986 RECEIVED Division of Engineering and Sanitation

IDPH 4 065
1/74 – KNB 1

# GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Property [redacted] non-responsive
Address
Driller JESSIE BEAMAN License No 92-599
11 Permit No 121147 Date 10-25-85
12 Water from SANDSTONE Formation 13 County W NN
at depth 245 to 265 ft
14 Screen Diam ____ in
Length ____ ft Slot ____

| | | | |
|---|---|---|---|
| Sec | 12.7c | | |
| Twp | 26N | | |
| Rge | 11E | | |
| Elev | | X | |

15 Casing and Liner Pipe

| Diam. (in) | Kind and Weight | From (Ft) | To (Ft) |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

SHOW LOCATION IN SECTION PLAT
SE NW SW

16 Size Hole below casing ____ in
17 Static level ____ ft below casing top which is ____ ft above ground level Pumping level ____ ft when pumping at ____ gpm for ____ hours

| 18 FORMATIONS PASSED THROUGH | THICKNESS | DEPTH OF BOTTOM |
|---|---|---|
| CLAY | 35 | 35 |
| SAND | 5 | 40 |
| LIMESTONE | 205 | 245 |
| SAND STONE | 20 | 265 |
| | | |
| | | |
| | | |
| | | |
| | | |

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Jessie Beaman DATE ____

White Copy – Ill Dept of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

NSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH ROOM 616 STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL / WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ____ Bored ____ Hole Diam ____ in Depth ____ ft
Curb material ____ Buried Slab Yes ____ No ____
b Driven ____ Drive Pipe Diam ____ in Depth ____ ft
c Drilled ✓ Finished in Drift ____ In Rock ✓
Tubular ____ Gravel Packed ____
d Grout

| (KIND) | FROM (Ft) | TO (Ft) |
|---|---|---|
| CLAY | 0 | 20 |
| | | |
| | | |

2 Distance to Nearest
Building 34 Ft Seepage Tile Field 100
Cess Pool ____ Sewer (non Cast iron) ____
Privy ____ Sewer (Cast iron) ____
Septic Tank 75 Barnyard ____
Leaching Pit ____ Manure Pile ____

3 Is water from this well to be used for human consumption?
Yes ✓ No ____

4 Date well completed 11-14-75

5 Permanent Pump Installed? Yes ✓ No ____
Manufacturer RED JACKET Type SUBMERCA
Capacity 10 gpm Depth of setting 63 ft

6 Well Top Sealed? Yes ✓ No ____

7 Pitless Adaptor Installed? Yes ✓ No ____

8 Well Disinfected? Yes ✓ No ____

9 Water Sample Submitted? Yes ✓ No ____

REMARKS

IDPH 4 065
10/68

# GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Property [redacted] non-responsive
Address
Driller GERALD ROSENQUIST License No 92 214

11 Permit No 40766 Date 9-4-75

12 Water from LIMESTONE (Formation) at depth 34 to 50 ft

13 County WINNEBAGO
Sec 23 SQ
Twp 26N
Rge 11E
Elev ____

14 Screen Diam ____ in
Length ____ ft Slot ____

15 Casing and Liner Pipe

| Diam (in) | Kind and Weight | From (Ft) | To (Ft) |
|---|---|---|---|
| 6 | BLK. A53B 17 45LB | +1 | 34 |
| | | | |
| | | | |

SHOW LOCATION IN SECTION PLAT
SE NE NW

16 Size Hole below casing 6 in

17 Static level 11 ft below casing top which is 1 ft above ground level Pumping level 17 ft when pumping at 11 gpm for 3 hours

| 18 FORMATIONS PASSED THROUGH | THICKNESS | DEPTH OF BOTTOM |
|---|---|---|
| CLAY | 31 | 31 |
| LIMESTONE | 49 | 80 |
| DOLOMITE | 40 | 120 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Gerald H. Rosenquist DATE 11-20-75

REFERENCE NUMBER 02

White Copy - [illegible]
[illegible] Dept. [illegible] lic Health
Yellow Copy - [illegible] Contractor
Blue Copy - Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQU ED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH ROOM 616 STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

1/67

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH
## WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ____ Bored ____ Hole Diam [illegible] in Depth ____ ft
Curb material ____ Buried Slab Yes ____ No ____
b Driven ____ Drive Pipe Diam ____ in Depth ____ ft
c Drilled ✓ Finished in Drift ____ In Rock ✓
Tubular ____ Gravel Packed ____
d Grout

| (KIND) | FROM (Ft) | TO (Ft) |
|---|---|---|
| CLAY | 0 | 38 |
| CEMENT | 38 | 140 |
| | | |

2 Distance to Nearest
Building 12 Ft Seepage Tile Field 130'
Cess Pool ____ Sewer (non Cast iron) ____
Privy ____ Sewer (Cast iron) ____
Septic Tank 105' Barnyard ____
Leaching Pit ____ Manure Pile ____

3 Is water from this well to be used for human consumption?
Yes ✓ No ____
4 Date well completed [illegible]
5 Permanent Pump Installed? Yes ✓ No ____
Manufacturer [illegible] Type SUBMERGED
Capacity [illegible] gpm Depth of setting 105 ft
6 Well Top Sealed? Yes ✓ No ____
7 Pitless Adaptor Installed? Yes ✓ No ____
8 Well Disinfected? Yes ✓ No ____
9 Water Sample Submitted? Yes ✓ No ____

REMARKS

# GEOLOGICAL WATER SURVEYS WATER WELL RECORD

10 Dept [redacted] Year [illegible]
11 Prope[redacted]
Addre[redacted]
Driller [illegible] License No [illegible]
12 Water from SANDSTONE (Formation) 13 County WINNEBAGO
at depth 260 to 308 ft Sec 14-[illegible]
14 Screen Diam ____ in Twp 17N
Length ____ ft Slot ____ Rng 15
Elev ____

| | | | |
|---|---|---|---|
| | | | |
| | | | |
| | | X | |
| | | | |

SHOW LOCATION IN SECTION PLAT
NW/C NW
NW SE

15 Casing and Liner Pipe

| Diam. (In.) | Kind and Weight | From (Ft) | To (Ft) |
|---|---|---|---|
| 6 | BLK #12 45 LB | 0 | 140 |
| | | | |
| | | | |

16 Size Hole below casing 6 in
17 Static level 20 ft below casing top which is 1 ft above ground level Pumping level 70 ft when pumping a 10 gpm for 2 hours

| 18 FORMATIONS PASSED THROUGH | THICKNESS | DEPTH OF BOTTOM |
|---|---|---|
| CLAY | 31 | [illegible] |
| LIMESTONE | 2[illegible] | 215 |
| [illegible] | 15 | 26 |
| ST. PETER SANDSTONE | 4[illegible] | [illegible] |
| | | |
| | | |
| | | |
| (CONTINUE ON SEPARATE SHEET IF NECESSARY) | | |

SIGNED [illegible] DATE [illegible]

White Copy – Ill Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

**INSTRUCTIONS TO DRILLERS**

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH CONSUMER HEALTH PROTECTION 535 WEST JEFFERSON SPRINGFIELD ILLINOIS, 62761 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION.

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

# GEOLOGICAL AND WATER SURVEYS WELL RECORD

1 Type of Well
a Dug ___ Bored ___ Hole Diam ___ in Depth ___ ft
Curb material ___ Buried Slab Yes ___ No ___
b Driven ___ Drive Pipe Diam ___ in Depth ___ ft
c Drilled ✓ Finished in Drift ___ In Rock ✓
Tubular ___ Gravel Packed ___
d Grout

| (KIND) | FROM (Ft) | TO (Ft) |
|---|---|---|
| | | |
| | | |
| | | |

2. Distance to Nearest
Building 22 Ft. Seepage Tile Field 100
Cess Pool ___ Sewer (non Cast iron) ___
Privy ___ Sewer (Cast iron) 100
Septic Tank 75 Barnyard ___
Leaching Pit ___ Manure Pile ___
3. Well furnishes water for human consumption? Yes ✓ No ___
4. Date well completed Dec. 3 - 1986
5 Permanent Pump Installed? Yes ✓ Date Dec 3, 1986 No ___
Manufacturer Red Jacket Type Sub Location In Well
Capacity 12 gpm. Depth of Setting 140 Ft.
6. Well Top Sealed? Yes ✓ No ___ Type Martinson
7 Pitless Adapter Installed? Yes ✓ No ___
Manufacturer Martinson Model Number BP10
How attached to casing? Threaded Nut
8 Well Disinfected? Yes ✓ No ___
9 Pump and Equipment Disinfected? Yes ✓ No ___
10 Pressure Tank Size 20 gal Type Well x-Trol
Location In Basement
11. Water Sample Submitted? Yes ✓ No ___
REMARKS:

Co # 26301

10 Proper [redacted] non-responsive
Address [redacted]
Driller Jack Bull License No. 92-606
11 Permit No 128281 Date Nov. 25, 1986
12 Water from Rock (Formation) 13 County Winnebago
at depth 120 to 265 ft Sec 11.5 Twp 26N Rge 11E Elev ___
14 Screen Diam — in.
Length — ft Slot —

SHOW LOCATION IN SECTION PLAT

SE NE SW

15 Casing and Liner Pipe

| Diam. (in.) | Kind and Weight | From (Ft) | To (Ft.) |
|---|---|---|---|
| 5 | .258 Black | 0 | 42 |
| | | | |
| | | | |

16 Size Hole below casing 5 in
17 Static level 120 ft below casing top which is 10 in. above ground level Pumping level 125 ft when pumping at 12 gpm for 6 hours

| 18 FORMATIONS PASSED THROUGH | THICKNESS | DEPTH OF BOTTOM |
|---|---|---|
| Top Soil | 0 | 5 |
| Clay, Gravel | 5 | 35 |
| yellow limestone | 35 | 165 |
| Gray Rock | 165 | 220 |
| St. Pete | 220 | 265 |
| | | |
| | | |
| | | |
| | | |

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Jack Bull DATE 1-15-87

IDPH 4 065
1/74 – KNB-1

White Copy – Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH ROOM 216 STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL / WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

1/67

REFERENCE NUMBER

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH
# WELL CONSTRUCTION REPORT

1 Type of Well
a Dug____ Bored____ Hole Diam 6 in Depth 150 ft
Curb material _____ Buried Slab Yes____ No____
b Driven____ Drive Pipe Diam ____ in Depth 21 ft
c Drilled____ Finished in Drift____ In Rock X
Tubular____ Gravel Packed____
d Grout

| (KIND) | FROM (Ft.) | TO (Ft.) |
|---|---|---|
| | | |
| | | |
| | | |

2 Distance to Nearest
Building 6 Ft Seepage Tile Field 100
Cess Pool____ Sewer (non Cast iron)____
Privy____ Sewer (Cast iron) X
Septic Tank 75 Barnyard____
Leaching Pit____ Manure Pile____

3 Is water from this well to be used for human consumption?
Yes X No____

4 Date well completed June 11, 1969

5 Permanent Pump Installed? Yes X No____
Manufacturer [illegible] Type [illegible]
Capacity 15 gpm Depth of setting 120 ft

6 Well Top Sealed? Yes X No____

7 Pitless Adaptor Installed? Yes X No____

8 Well Disinfected? Yes X No____

9 Water Sample Submitted? Yes____ No X

REMARKS

# GEOLOGICAL WATER SURVEYS WATER WELL RECORD

10 Dept Mines and Minerals permit No 7545 Year [illegible]
11 Property [redacted]
Address [redacted]
Driller [illegible] License No [illegible]
12 Water from [illegible] Formation 13 County [illegible]
at depth____ to____ ft
14 Screen Diam____ in
Length____ ft Slot____
Sec 11, 4a
Twp 26N
Rng 11E
Elev____

15 Casing and Liner Pipe

| Diam. (in.) | Kind and Weight | From (Ft.) | To (Ft.) |
|---|---|---|---|
| 6 | | Top | 21 |
| | | | |
| | | | |

SHOW LOCATION IN SECTION PLAT
SW SW SE

16 Size Hole below casing 6 in
17 Static level 70 ft below casing top which is____ ft above ground level Pumping level 70 ft when pumping at [illegible] gpm for 1 hours

| 18 FORMATIONS PASSED THROUGH | THICKNESS | DEPTH OF BOTTOM |
|---|---|---|
| top clay | 60 | 60 |
| sand and clay | 16 | 76 |
| yellow Limestone | 40 | 116 |
| Gray Limestone | 34 | 150 |
| | | |
| | | |
| | | |
| (CONTINUE ON SEPARATE SHEET IF NECESSARY) | | |

SIGNED [illegible] DATE____

White Copy
Ill Dept ublic Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH ROOM 616 STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL / WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

1/67

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH
# WELL CONSTRUCTION REPORT

1 Type of Well
a Dug____ Bored____ Hole Diam ____in Depth____ft
Curb material ____ Buried Slab Yes____ No____
b Driven____ Drive Pipe Diam ____in Depth____ft
c Drilled ✓ Finished in Drift____ In Rock ✓
Tubular____ Gravel Packed____
d Grout

| (KIND) | FROM (Ft) | TO (Ft) |
|---|---|---|
| | | |
| | | |
| | | |

2 Distance to Nearest
Building 20 Ft. Seepage Tile Field 80
Cess Pool____ Sewer (non Cast iron)____
Privy____ Sewer (Cast iron)____
Septic Tank 60 Barnyard____
Leaching Pit____ Manure Pile____

3 Is water from this well to be used for human consumption?
Yes ✓ No____

4 Date well completed Dec 7-68

5 Permanent Pump Installed? Yes____ No ✓
Manufacturer____ Type____
Capacity____gpm Depth of setting____ft

6 Well Top Sealed? Yes ✓ No____

7 Pitless Adaptor Installed? Yes____ No ✓

8 Well Disinfected? Yes ✓ No____

9 Water Sample Submitted? Yes____ No ✓

REMARKS Somebody Else put pump in

# GEOLOGICAL WATER SURVEYS WATER WELL RECORD

10 Dept Mines and Minerals permit No 6365 Year 1968

11 Propert [redacted]
Address [redacted]
Driller C. L. Motter License No 42-335

12 Water from Limestone (Formation)
at depth 60 to 150 ft

13 County WINN
Sec 14 7g
Twp 26N
Rng 11E
Elev____

14 Screen Diam____in
Length____ft Slot____

| | | | |
|---|---|---|---|
| | | | |
| | X | | |
| | | | |
| | | | |

SHOW LOCATION IN SECTION PLAT
SE NW
NW

15 Casing and Liner Pipe

| Diam (in) | Kind and Weight | From (Ft) | To (Ft) |
|---|---|---|---|
| 6 | Steel 19.45 | 0 | 60½ |
| | | | |
| | | | |

16 Size Hole below casing 6 in

17 Static level 30 ft below casing top which is 1 ft above ground level Pumping level 45 ft when pumping at 14 gpm for 1 hours

| 18 FORMATIONS PASSED THROUGH | THICKNESS | DEPTH OF BOTTOM |
|---|---|---|
| Black Loam | 2 | 2 |
| Sandy Brown Clay | 23 | 25 |
| Sand & Gravel | 5 | 30 |
| Blue Clay | 20 | 50 |
| Sandy Blue Clay | 10 | 60 |
| Yellow Limestone | 60 | 120 |
| Blue " " | 25 | 145 |
| (CONTINUE ON SEPARATE SHEET IF NECESSARY) | 5 | 150 |

SIGNED Orville L. Motter DATE Dec. 9-68

REFERENCE NUMBER 02

White Copy — Ill Dept of Public Health
Yellow Copy — Well Contractor
Blue Copy — Well Owner

INSTRUCTIONS TO [illegible] LERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH BUREAU OF ENVIRONMENTAL HEALTH 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62701 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH
## WELL CONSTRUCTION REPORT

Type of Well

a Dug ____ Bored ____ Hole Diam ____ in Depth ____ ft
Curb material ____ Buried Slab Yes ____ No ____

b Driven ____ Drive Pipe Diam ____ in Depth ____ ft

c Drilled X Finished in Drift X In Rock ____
Tubular ____ Gravel Packed ____

d Grout

| (KIND) | FROM (Ft) | TO (Ft) |
|---|---|---|
| none | | |
| | | |
| | | |

2 Distance to Nearest
Building 12 Ft Seepage Tile Field 100
Cess Pool ____ Sewer (non Cast iron) ____
Privy ____ Sewer (Cast iron) ____
Septic Tank 50 Barnyard ____
Leaching Pit ____ Manure Pile ____

3 Is water from this well to be used for human consumption?
Yes X No ____

4 Date well completed April 8

5 Permanent Pump Installed? Yes X No ____
Manufacturer Sta-Rite Type Subm.
Capacity 10 gpm Depth of setting 30 ft

6 Well Top Sealed? Yes X No ____

7 Pitless Adaptor Installed? Yes X No ____

8 Well Disinfected? Yes X No ____

9 Water Sample Submitted? Yes X No ____

REMARKS Water sample reported safe By Winnebago Co Health Dept

IDPH 4 065
10-72
KNB-1

# GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Propert[redacted] non-responsive
Address [illegible]
Driller Ed Greenfield License No 92 582

11 Permit No 28231 Date March 20

12 Water from Sand (Formation) 13 County Winn.
at depth 40 to 42 ft Sec 14
14 Screen Diam 4 in Twp 26N
Length 2 ft Slot 15 Rge 11E
Elev ____

| | | | |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

SHOW LOCATION IN SECTION PLAT
100' N 100 W
SE/c SE N & SE

15 Casing and Liner Pipe

| Diam. (in) | Kind and Weight | From (Ft) | To (Ft) |
|---|---|---|---|
| 4 | Blk PE 11# ft. | 0 | 40 |
| 4 | Johnson SS screen | 40 | 42 |
| | | | |

16 Size Hole below casing ____ in

17 Static level 15 ft below casing top which is 1 ft above ground level Pumping level 21 ft when pumping at 10 gpm for 8 hours

| 18 FORMATIONS PASSED THROUGH | THICKNESS | DEPTH OF BOTTOM |
|---|---|---|
| Soil | 2 | 2 |
| Sandy clay | 30 | 32 |
| Sand | 10 | 42 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Ed Greenfield DATE May 8

Reference 3

37 pages removed
non-responsive

REFERENCE NUMBER 4

Illinois Department of Conservation
life and land together

LINCOLN TOWER PLAZA • 524 SOUTH SECOND STREET • SPRINGFIELD 62701-1787
CHICAGO OFFICE • ROOM 4-300 • 100 WEST RANDOLPH 60601
MARK FRECH, DIRECTOR – KATHY SELCKE, ASSISTANT DIRECTOR

**ENDANGERED SPECIES CONSULATION**
**AGENCY ACTION REPORT**

PROJCODE: _____
Date Due: _____
For Office Use Only

**Date Submitted:** February 6, 1991

**Agency Name:** IEPA
**Contact Person:** Sheila Murphy **Phone:** 785-7402
**Agency Address:** 2200 Churchill
Springfield, IL 62704

**DESCRIBE PRECISE LOCATION OF PROPOSED ACTION**

**County(ies):** Winnebago
**City/Town:** Rockford → about 1/2 mile outside of boundries
**Township/Range/Section:** T26N, R11E, Section 13
**U.S.G.S. Quad Map Name(s):** Winnebago, IL
**Brief Description of the Proposed Action:** Preliminary Assessment

The blue highlights delineate the surface water pathway.
Thank you!

**Please enclose a map delineating the location of the proposed action.**

**FOR NATURAL HERITAGE USE ONLY**

**QUADCODE(S):** 4208931 4208931 4208921 4208922

Are there threatened/endangered species or natural areas located within the vicinity of the project? [X Yes | No]
If "Yes", the consultation process should continue. If "No, the consultation process is terminated.

* State natural area inventory site is located adjacent to the surface water pathway and is indicated on the map

**Evaluation Approved by:**
Deanna Glosser
**Deanna Glosser, Ph.D.** 2-11-91 **Date**
**Endangered & Threatened Species Program Manager**

T43N R1E Sec 20+21 prob NO MORE Than 40 Acres

No longer considered to be on inventory list
Glen Krusy

0.5
REF
1541
701
7/1535
7/1522
5 ugh
2278
Soda 09

REFERENCE NUMBER 6

D.L.P.C. COMPLAINT FORM

WINNEBAGO CO. - LPC

ROCKFORD / KANEY TRANSPORTATION, INC (C-77-107)

☒ By Phone
☐ In Person

Date Received 2-24-77

Complainant JACK ADAM

Address WPC - ROCKFORD

Telephone Number (815) 987-7576

RECEIVED
MAR 25 1977
EPA - DLPC
STATE OF ILLINOIS

Respondent K.T.I.

Address ROCKFORD

Telephone Number (815) 962-4026

Address of Source

Complaint Details K.T.I. has been prohibited from using the Rkfd. San. Dist. because of high metal + $CN^-$ levels in their effluent. They will have to get rid of this material elsewhere. We (DLPC-DWPC) want to make sure it is environmentally sound

They also have a lagoon (permitted by DWPC).

Investigation Procedure

☒ Contact complainant before or during investigation

☒ Send copy of any correspondnece to complainant

☐ Complainant wishes to be anonymous

Bob Wanarow

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY MEMORAN

RECEIVED
MAR 25 1977
EPA - DLPC.
STATE OF ILLINOIS

DATE: March 1, 1977

TO Division File

FROM Bob Wengrow

SUBJECT Winnebago County - LPC
Rockford/Kanney Transportation, Inc. (C-77-107)

See attached complaint form for complaint details.

On the above date, I contacted the President of the Company, Mr Bob Higgins. We had a lengthy telephone conversation, during which the following information was discerned: The heavy metal and CN - contamination is a mystery. KTI does not haul sludges, just solvent-type wastes. These levels have been decreasing with time. Some of their effluent has been OK'd by the Rockford Sanitary District again and that has temporarily relieved the press for finding a disposal site. Also, their lagoon has been used for storage but will be full soon. When this lagoon is cleaned out, the solids are derived mostly from solvent and glue wastes. This material may or may not be water soluble.

I told Mr Higgins that in the event the EPA felt that this material should be disposed at a landfill (rather than on-site) there was a possibility that the Ogle County Davis Jct./BFI Landfill might be permitted to accept the waste. A decision will have to wait until a sample can be gathered of the waste material. Mr. Higgins was agreeable and the third week in March was agreed upon as a tentative time for a site visit by myself.

I then got in touch with Jack Adam of DWPC (Rockford) and he agreed to a joint visit of the site in March He has already taken samples of the lagoon and effluent and we are awaiting these results. I shall attempt to obtain a sample of the bottom sediment of the lagoon if this is feasible.

The question of whether the storage lagoon is under the jurisdiction of WPC or LPC needs to be defined. I was under the impression that it was LPC's. However, conversation with Jack Adam revealed that he is of the idea that this function belongs to WPC. This ic especially true since this lagoon and many others in the Rockford Region have WPC permits. I could use a little guidance and input into this problem so that it can be amicably resolved.

BW mt/M13
3/7/77

cc. Northern Region
Dale Montgomery
C. E. Clark

8 0 0 8 0 0 0 4 7 4

REFERENCE NUMBER 7

## 1 0 SITE DESCRIPTION

The non-responsive non-responsive) site consists of approximately 17 private wells located in the vicinity of Meridian and Cunningham Roads in Rockford, Winnebago County, Illinois (Figure 1) The site is situated in a mixed residential and industrial area

Site topography is predominately flat with surface and ground water drainage flowing east towards the Rock River (Figure 2) The upper bedrock formation consists mainly of Galena-Platteville dolomite The Glenwood-St Peter sandstone aquifer underlies all of Winnebago County, which is the principal aquifer throughout northern Illinois

## 2 0 SITE BACKGROUND

In 1981, Mr and Mrs non-responsive complained to the Illinois Environmental Protection Agency (IEPA) that their well water was tainted The Winnebago County Health Department (WCHD) sampled the Falconer and Coffin wells, drilled in the early 1900s to 100-140 feet and in poor condition, in July 1985 and detected purgeable organic carbon (POC) and purgeable organic halides (POX) On January 2, 1986, the non-responsive informed the Illinois Department of Public Health (IDPH) of their water supply issue non-responsive the mother of Mrs non-responsive, had contracted cancer, and her family was suspicious of the cause of her disease On January 7, 1986, the IDPH sampled the private wells serving the non-responsive residences for volatile organic compounds (VOCs) The WCHD also sampled wells for POC and POX analyses at the [redacted] non-responsive [redacted] residences and at Kaney Transportation, Inc (KTI) and Torch Oil Company (Torch) which are in close proximity to the residences, on the same date As a result of this sampling, the non-responsive [redacted] residences were advised by the WCHD to use an alternate potable water source.

Further well sampling was conducted by the IDPH, WCHD, and Microbac Laboratories for Marathon Oil Company (Marathon) in 1986 - 1989 Wells sampled, sampler, date of sampling, and results are presented in Tables 1 and 2

In February 1986, meetings were conducted with the IEPA, IDPH, WCHD, and the petroleum handling facilities in the vicinity of Cunningham and Meridian Roads to discuss the contamination of residential wells Several meetings were also held in March, 1986 with current and previous operators of the facilities At the March 25 meeting, the facilities agreed to supply bottled water to the residents with contaminated wells and to collect their own well samples Marathon Oil Company contracted Microbac Laboratories to sample the contaminated wells on March 27, 1986

On April 29, 1986, the IEPA conducted another meeting with the facilities, IDPH, and WCHD The meeting concluded without an agreement among the companies to initiate a ground water study and monitoring program to identify the sources of contamination Following the meeting, Torch Oil Company initiated an independent study of the area, and the IEPA issued an enforcement letter to all former and present property owners and operators to initiate a ground water study

In June 1989, KTI reported a solvent release on their property to the IEPA KTI contracted FIW, Inc of Pecatonica, Illinois to perform an investigation for buried drums FIW located and removed approximately 40 drums (suspected to have been buried 10 years ago) and approximately 30 drum fragments, plus 10 five-gallon buckets buried on the property Contaminated soil to a depth of 14 feet below grade was also removed During the removal action, IEPA sampled the contents of the excavated drums and soil IEPA analytical results indicated the presence of toluene, xylene, ethylbenzene, styrene, and 2-butanone in the soil The drum samples contained varying concentrations of xylene, ethylbenzene, toluene, 2-butanone, 1,1,1,-trichloroethane (1,1,1-TCA), and methylene chloride

In October 1989, the [redacted] wrote a letter to President Bush and complained that their well water contamination issue had not been resolved The [redacted] had moved from their residence at [redacted] Cunningham and the [redacted] are the present owners of the property The [redacted] residence is presently owned by [redacted] and the [redacted] residence is presently owned by [redacted] The U S Environmental Protection Agency (U S EPA) was informed of the situation by the Executive Office On February 9, 1990, the U S EPA tasked the Technical Assistance Team (TAT) to sample the [redacted] well and other private wells in the southwest Rockford area

## 3 0 SITE INSPECTION

On February 13, 1990, TAT members Tammy Dillard and M T Klemp and U S EPA On-Scene Coordinators (OSCs) Rose Ellison and Brad Benning met with IDPH representatives Clayton Simonson and Brenda Farrell to discuss the Falconer site

Following the meeting, the TAT, OSCs Ellison and Benning, and Mr Simonson conducted a perimeter survey of the Meridian and Cunningham Roads area and collected well samples Approximately six residences and eight commercial facilities, mainly petroleum facilities, were located in the area affected by the contamination

Samples were collected from the following wells Marathon, KTI, Falconer, Able, Traum, Osborne, and Fleming (Figure 3) All samples were collected directly from the well tap

All samples were analyzed by Grace Analytical Labs, Inc , Berkeley, Illinois, under TAT Analytical Services TDD#5-9002-L3 for VOCs and base/neutral/acid extractables (BNAs) A blank sample was also analyzed

## 4 0 ANALYTICAL RESULTS

Analytical results of well sampling are summarized in Table 3 The Traum, Able, and Falconer well samples contained methylene chloride above the Removal Action Level (RAL) for this compound The Falconer well sample contained 1,2-dichloroethene (total) at a level above the RAL RALs must be satisfied to qualify for a removal response, as established by the Office of Solid Waste and Emergency Response (OSWER) Directive 9360 1-10 All other VOCs detected in the [redacted] Wells were below RALs VOCs were not detected above method detection limits in the Marathon, KTI, [redacted] well samples BNAs were not detected above method detection limits in any of the wells sampled

## 5 0 THREATS

The National Contingency Plan (NCP) Part 300 65(b)(2) outlines conditions that may be considered to warrant a removal action conditions that exist at the Falconer site include

- Actual or potential exposure to hazardous substances or pollutants or contaminants by nearby populations, animals, or food chain, and

- Actual or potential exposure to drinking water supplies or sensitive ecosystems

### 5 1 Potential Exposure to Hazardous Substances

The potential threat of human exposure to hazardous substances present in the residential drinking water supplies exists at this site Various VOCs were detected in the residential wells The residents are threatened with exposure to contaminants by ingestion and direct contact with the contaminants in their water supply

### 5 2 Potential Exposure to Drinking Water Supplies

The threat of potential or actual exposure to drinking water supplies exists at the [redacted] site Methylene chloride and 1,1-dichloroethene (total) above the RAL for these compounds were detected in residential well samples Other VOCs were also detected in the residential wells Since 1986, the residences have received bottled drinking water from neighboring businesses

Reference 8
1 page removed
non-responsive

REFERENCE NUMBER 9

Illinois Environmental Protection Agency P O Box 19276 Springfield IL 62794 9276

217/782-6760

Refer to 2010300071 -- Winnebago
Kaney Transportation/Rockford
ILD64006901
Superfund/Technical

October 12, 1990

Mr Richard Bell
Kaney Transportation, Incorporated
7222 Cunningham Road
Rockford, IL 61102

Dear Mr Bell

On July 16, 1990 the Illinois Environmental Protection Agency (Agency) received a copy of the results of the remedial investigation (RI) conducted at the site listed above This study was conducted by your consultant, Mittelhauser Corporation, and was entitled "Extent of Contamination Study for Kaney Transportation, Inc Rockford, Illinois"

The purpose of this letter is to inform you that the Agency has completed it's review of this document and to transmit the following comments

1 The report indicates that several halogenated hydrocarbons (Trichloroethene, Tetrachloroethene, Vinyl Chloride, etc ) are present in the groundwater and are migrating off-site The analytical results generated by the study indicates that these compounds originated from the KTI property

2 The RI should be expanded to determine the extent of the off-site groundwater contamination The off-site groundwater investigation should define both the vertical and horizontal extent of the contamination plume Special attention should be given to the threat posed to the downgradient private wells

The Agency requests that Kaney Transportation Incorporated (KTI), begin the immediate installation of

"whole house" filtration systems for the downgradient residential wells This filtration system should be supplied to those residents located east and northeast of KTI which are currently being supplied with bottled water The Agency request that the filtration systems be installed to all of the residents, no later then sixty (60) days following receipt of this letter KTI should assume the cost of both the installation and maintenance of the filtration systems

If during the course of the off-site investigation additional residential wells are discovered to be contaminated, those wells will also require a filtration system

Please notify the Agency within ten (10) days of receipt of this letter as to KTI's intentions regarding the filtration systems In the event that KTI fails to implement the installation of the filtration systems, the Agency will initiate the appropriate actions to safeguard the protection of the public health

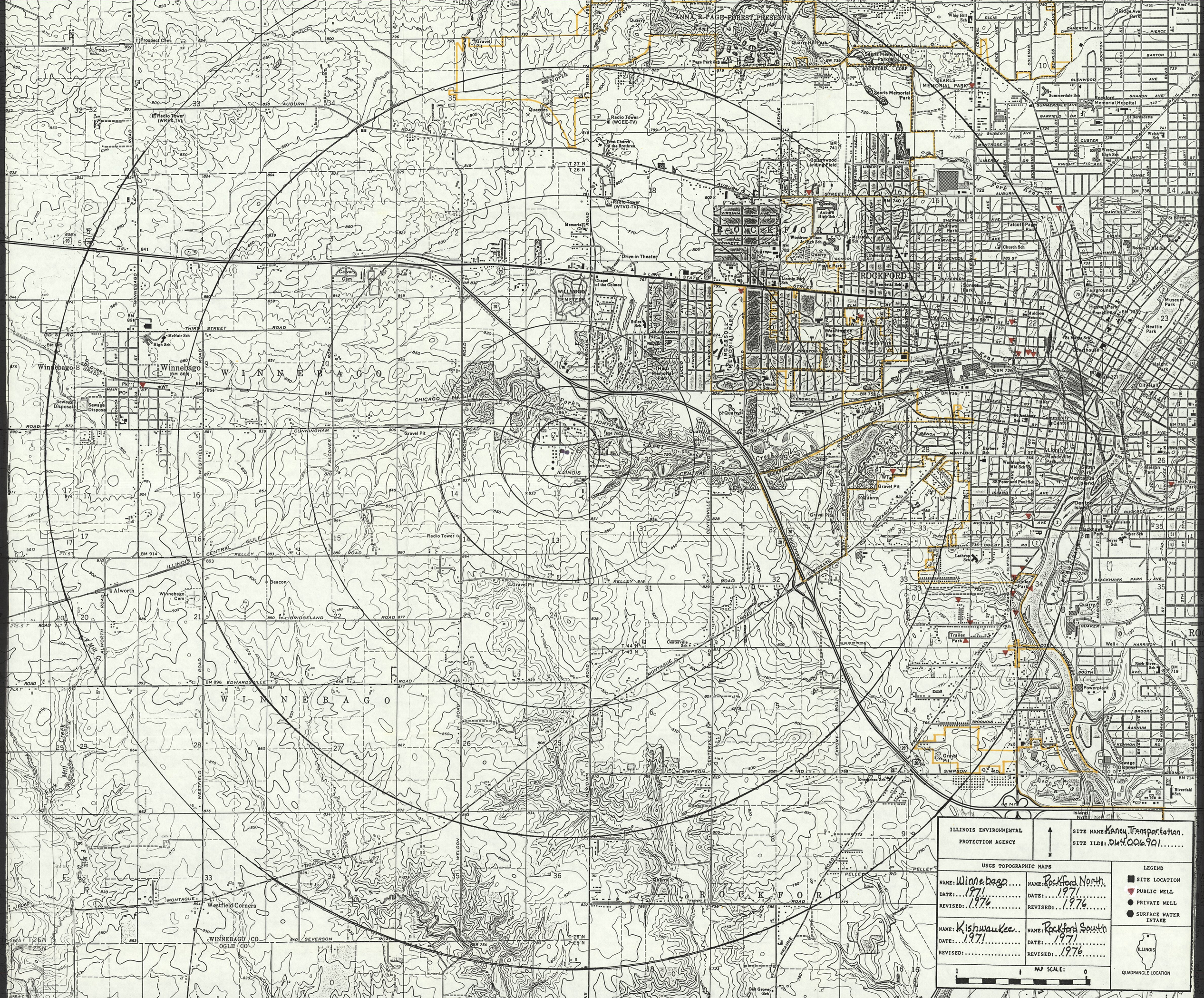
If you have any questions regarding this letter, or if you feel a meeting is warranted, please contact me at the telephone number cited above

Sincerely,

Gary L Reside

Gary L Reside, Project Manager
Immediate Removal Unit
Remedial Project Management Section
Division of Land Pollution Control

cc DLPC/Division File
DLPC/FOS - Rockford
Ms Rosanne Ellison, USEPA
IDPH/Rockford Regional Office
Dr Stan Black - Community Affairs
Mr Monte Nienkerk - Mittelhauser Corp


ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
SITE NAME Kaney Transportation.
SITE ILD: 0440069A1
USGS TOPOGRAPHIC MAPS
NAME: Winnebago
DATE: 1971
REVISED: 1976
NAME: Rockford North
DATE: 1971
REVISED: 1976
NAME: Kishwaukee
DATE: 1971
REVISED:
NAME: Rockford South
DATE: 1971
REVISED: 1976
MAP SCALE:
LEGEND
SITE LOCATION
PUBLIC WELL
PRIVATE WELL
SURFACE WATER INTAKE
ILLINOIS
QUADRANGLE LOCATION
ANNA R PAGE FOREST PRESERVE
ROCKFORD
WINNEBAGO
Winnebago
Alworth
Beacon
Westfield Corners
WINNEBAGO CO
OGLE CO
Radio Tower (WREX-TV)
Radio Tower (WCEE-TV)
Radio Tower (WTVO-TV)
Drive-in Theater
WILLWOOD CEMETERY
Chapel of the Chimes
Calvary Cem
Prospect Cem
Winnebago Cem
Sewage Disposal
Gravel Pit
Quarry
Rockford Memorial Hospital
Powerplant
Trailer Park
Fairgrounds Park
Beattie Park
Courthouse
City Hall
Community Center
Library
Mandeville Park
Montague Island
Denton Island
Blackhawk Park
Searls Memorial Park
SEARLS MEMORIAL PARK
Page Park Sch
Lathrop Sch
Centerville Sch
Evergreen Sch
Oak Grove Sch
Rock River Sch
Riverdahl Sch
Beyer Sch
Nelson Park
Haskell Park
Franklin Park
Roosevelt Mid Sch
Garrison Sch
Washington Mid Sch
SS Peter and Paul Sch
St Stanislaus Sch
Summerdale Sch
Welsh Sch
West High Sch
Whig Hill Sch
Ridge Ave Park
Cottonwood Landing Field
Auburn High Sch
Woodrow Wilson Jr High Sch
Lincoln Park Sch
Henrietta Sch
Washington Park
Muldoon Park
Barbour Sch
Church Sch
Talcott-Page Park
Abraham Park
Sunset Park
Ellis Sch
Stiles Sch
Dennis Sch
Hall Memorial Park
McNair Sch
High Sch
Chicago Northwestern
Illinois Central Gulf
Rock River
Kent Creek
Rock Mill Creek
Rock Mill Cr
Kishwaukee Creek
Rockford Corporate Body
Rockford Corp
Rockford Corporate Body
Illinois Central Gulf
Chicago Milwaukee St Paul and Pacific
Rockford Rock River Rapids
Island Park
Island Park
Island Park