US EPA RECORDS CENTER REGION 5

Facility name: Jackson Sanitary

Location:

EPA Region:

Person(s) in charge of the facility:

Name of Reviewer: Date:

General description of the facility:

(For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

Scores: S_M = (S_{gw} = S_{sw} = S_a =)

S_{FE} =

S_{DC} =

FIGURE 1
HRS COVER SHEET

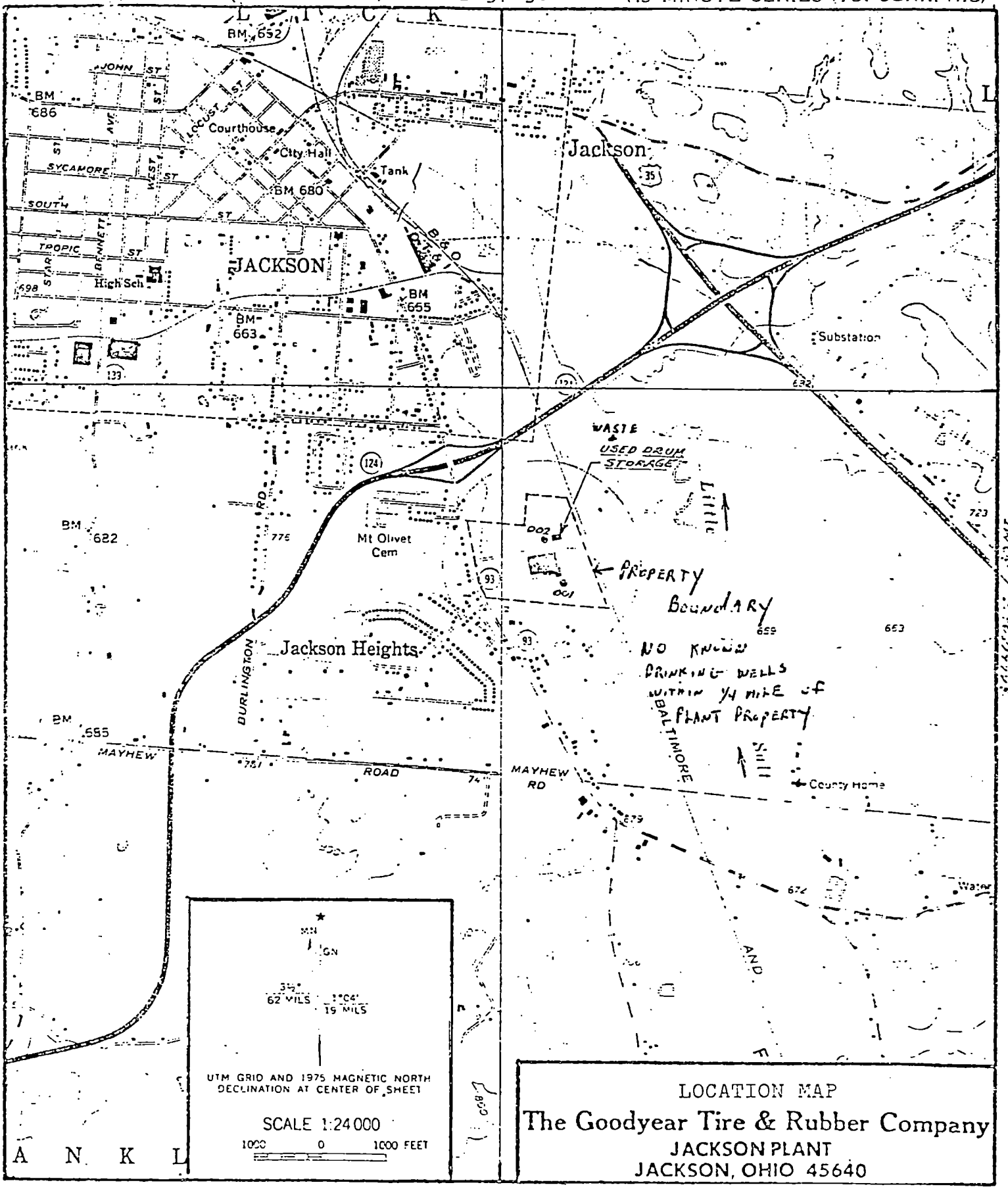
5 PAGES REMOVED
NON-RESPOSIVE

81-HW-0283

JACKSON QUADRANGLE
OHIO–JACKSON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

82°37'30"

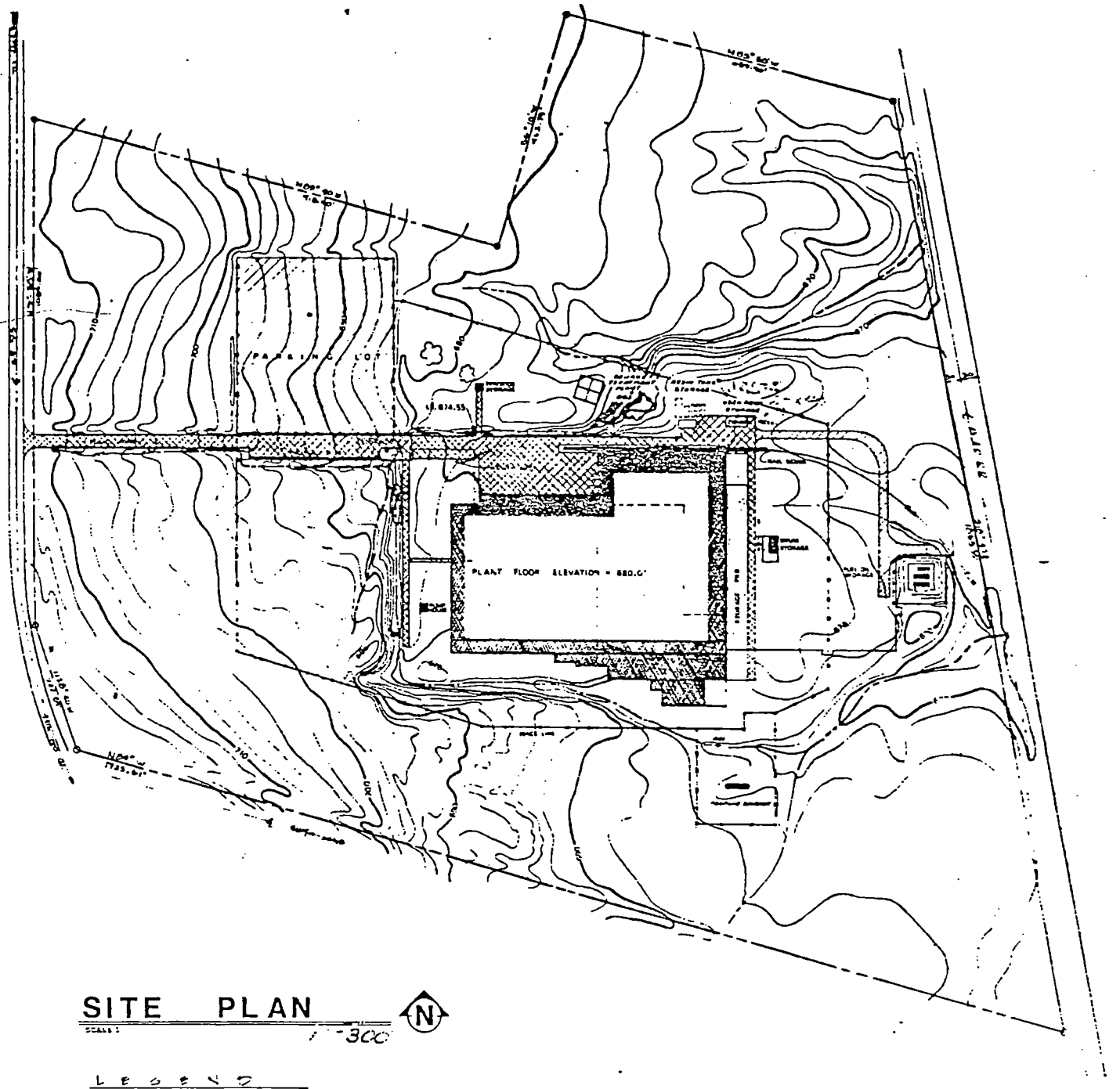
WELLSTON QUADRANGLE
OHIO–JACKSON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



LOCATION MAP
The Goodyear Tire & Rubber Company
JACKSON PLANT
JACKSON, OHIO 45640

82°37'30"

THE GOODYEAR TIRE & RUBBER COMPANY
JACKSON OHIO PLANT



SITE PLAN

SCALE: 1" = 300'

N

LEGEND

ASPHALT PAVED SURFACE

STONE OR GRAVEL SURFACE

BRICKSETS SURFACE

Burgess & Niple, Limited
Engineers and Architects
5085 Reed Road • Columbus, OH 43220-2581 • (614) 459-2050

March 7, 1983

Mr. Greg Fields
Sanitary Commercial Services, Inc.
1841 Smith Bridge Road
Jackson, OH 45640

Re: Filtec's Laboratory Results
Jeno's Pizza, Wellston, Ohio

Dear Greg:

Per your telecon this date, I am enclosing 3 copies of page 2 of Filtec's letter to me dated February 15, 1983, which summarizes their test data of the dewatered sludge cake produced from their 10-inch dewatering test unit.

Also enclosed for your use are 3 copies of Burgess & Niple, Limited's Laboratory Analysis Report dated October 22, 1982 on the raw sludge taken from the bottom of the South plant's primary settling tank.

As stated previously, we are expecting to have Filtec's portable dewatering unit on-site for approximately two weeks, operating 8 to 10 hours per day, five days per week. Approximately 40 to 60 cubic yards of 32 to 35 percent dry solids sludge cake will be generated per day for the two week period.

Should you need any additional information, please call.

Sincerely,

Robert G. Oman

Robert G. Oman, P.E.

RGO:et
Enclosures
cc: Mr. David Petrie

Lab Test Results:

Inlet Consistency	-	10.2% O.D.S.
pH	-	4.7
Polymer Requirements	-	(dual program) Percol 725* (anionic) at 0.50-0.89 lb/ton O.D.S. followed by Percol 757* (cationic) at 3.4-4.2 lb/ton O.D.S.
Cake Solids	-	32-35% O.D.S.
Solids Capture	-	98%+
Filtrate pH	-	4.9
Cake pH	-	4.8
Filtrate Suspended Solids	-	200-320 ppm
Filtrate BOD_5	-	N/A
Capacity per FILTEC 50 RT Unit (demonstrator)	-	100-120 gpm (5000-6000 lb/hr O.D.S.

Demonstrator Unit - (see enclosed information)

1. Weekly rental fee: $3,500 per five day work week to include: equipment rental (FT 50 RT belt press, sludge pumps, polymer make-up and feed system.

2. Costs for Field Engineer for one week are included.

* Percol = Allied Colloids
725 at approx. $2.00/lb
757 at approx. $2.75/lb

ess & Niple, Limited
gineers
2E Reed Road • Columbus, Ohio 43220 • (614) 459 2050

LABORATORY ANALYSIS REPORT
Water Lab Approval #4032
Bacteria Lab Approval #239

Job Name: Wellston WWTP
Job Number: 9342
Sample Description: Primary Tank Raw Sludge
Analyst:

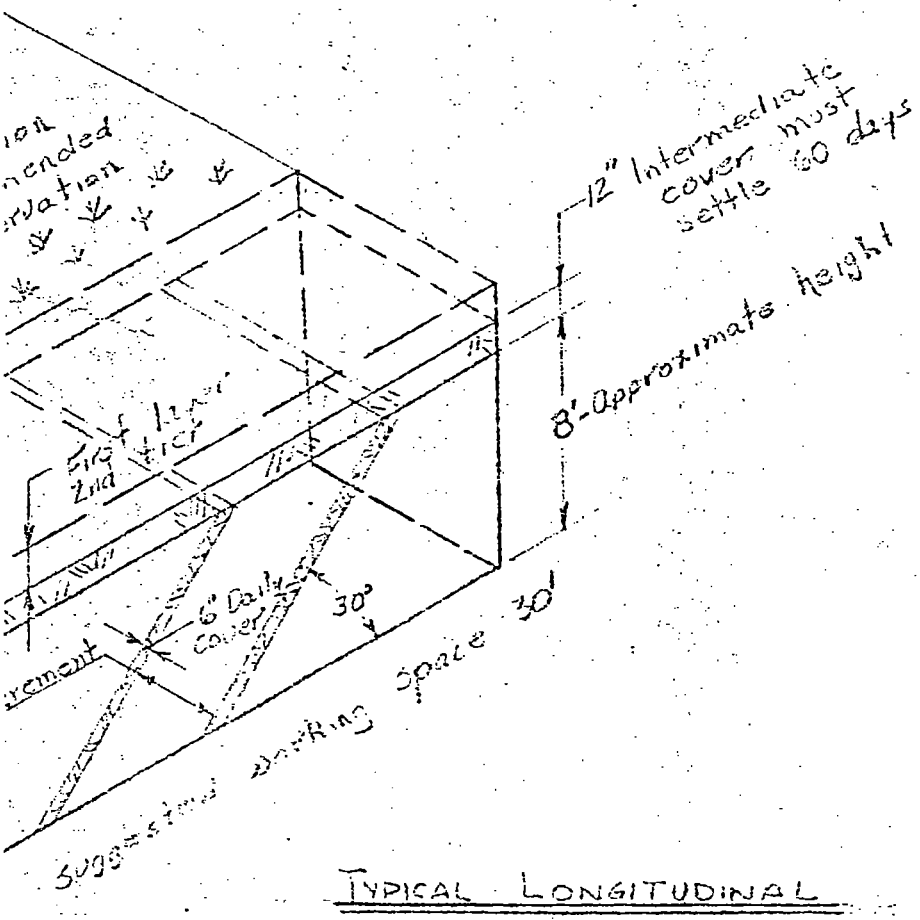
Sample Number: 26172
Date Collected: 10/22/82
Date Received: 10/22/82
Date Analyzed:

	ANALYSES PERFORMED		
	WATER PARAMETERS		
	Acidity Total, CaCO3		mg/kg
	Alkalinity Total, CaCO3		mg/kg
	BOD 5 day		mg/kg
	COD		mg/kg
	Coliforms: Total, MF		/100 ml
	Coliforms: Total, MPN CONF		/100 ml
	Coliforms: Fecal, MF		/100 ml
	Coliforms: Fecal Strep, MF		/100 ml
	Conductivity		umhos
	Hardness: Total as CaCO3		mg/kg
	Hardness: Ca as CaCO3		mg/kg
	Hardness: Mg as CaCO3		mg/kg
	MBAS		mg/kg
	Odor		T.N.
x	Oil and Grease	24600	mg/kg
	pH		S.U.
	Phenols		mg/kg
	Residue: Total		mg/kg
	Residue: Total Volatile		mg/kg
	Residue: Nflt. (Susp)		mg/kg
	Residue: Mflt. Vol. (Susp)		mg/kg
	Residue: Filt. (Diss)		mg/kg
	Residue: Filt. Vol. (Diss)		mg/kg
	Residue: Settleable		mg/kg
	Turbidity		J.U.
	INORGANICS		mg/kg
	Chloride, Cl		mg/kg
	Cyanide, Cn		mg/kg
	Fluoride, F		mg/kg
	Nitrogen: Nitrate, NO3-N		mg/kg
	Nitrogen: Nitrite, NO2-N		mg/kg
	Nitrogen: NH3-N Probe		mg/kg
	Nitrogen: NH3-N Dist.		mg/kg
x	Nitrogen: TKN	350	mg/kg
	Nitrogen: Organic N		mg/kg
x	Phosphorus: Total PO4-P	140	mg/kg
	Phosphorus: Ortho PO4-P		mg/kg
	Sulfate, SO4		mg/kg
	Silica, SiO2		mg/kg
x	Percent Solids (cake)	11%	
	Neutralization Potential	0 (see attached)	
x	Percent Protein	2% (as dry weight)	
x	Potential Acidity	(see attached)	

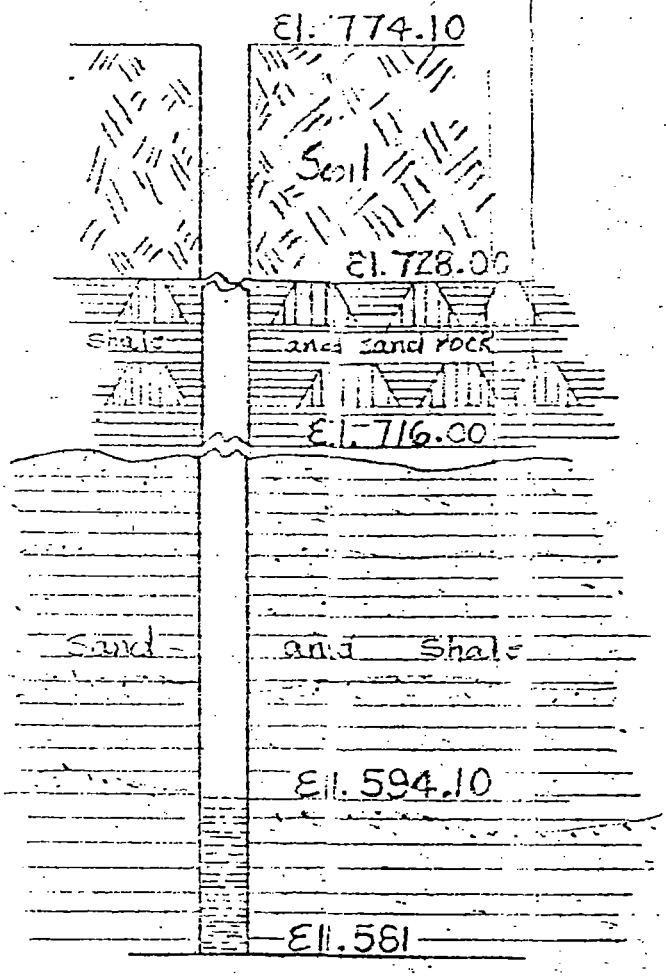
NOTE: WE PROVIDE MANY ANALYSES OTHER THAN THOSE LISTED ON THIS FORM.

	ANALYSES PERFORMED		
	METALS		
	Aluminum, Al		mg/kg
	Arsenic, As		mg/kg
	Barium, Ba		mg/kg
	Boron, B		mg/kg
	Cadmium, Cd		mg/kg
	Calcium, Ca		mg/kg
	Chromium, Cr Total		mg/kg
	Chromium, Cr Hex.		mg/kg
	Cobalt, Co		mg/kg
	Copper, Cu		mg/kg
	Iron, Fe Total		mg/kg
	Iron, Fe Diss.		mg/kg
	Iron, Fe Susp.		mg/kg
	Lead, Pb		mg/kg
	Magnesium, Mg		mg/kg
	Manganese, Mn Total		mg/kg
	Manganese, Mn Diss.		mg/kg
	Manganese, Mn Susp.		mg/kg
	Mercury, Hg		mg/kg
	Nickel, Ni		mg/kg
x	Potassium, K	76	mg/kg
	Selenium, Se		mg/kg
	Silver, Ag		mg/kg
	Sodium, Na		mg/kg
	Zinc, Zn		mg/kg
	Metal Series		
	E.P. Tox. Extn.		mg/kg
	A.S.T.M. Extn.		mg/kg
	Sample Filtration		mg/kg
x	Sample Digestion	10g/500 ml*	
	ORGANICS		
	Endrin		mg/kg
	Lindane		mg/kg
	Methoxychlor		mg/kg
	Toxaphene		mg/kg
	2,4-D		mg/kg
	2,4,5-TP (Silvex)		mg/kg
	Pest. Series (SDWA)		mg/kg
	Trihalomethane		mg/kg
	PCB		mg/kg
	Fuel Oil		mg/kg
	Petr. Hydrocarbons		mg/kg
	Misc. Herb.		mg/kg
	Misc. Pest.		mg/kg

x *All mg/kg results are reported on a wet weight basis.



TYPICAL LONGITUDINAL CROSS-SECTION OF CELL CONSTRUCTION



WATER WELL AT SIT

1' Intermediate or 2' final cover

No scale on details

#2

Cell construction and lift arrangement must proceed as shown. Number of lifts limited only by cover materia

180'

See

2' final addition by Cons

6" Daily cover over daily fill

6' increments within cells or daily fill

Fill compacted daily

113

OHD 980993554

Facility name: JACKSON SANITARY LANDFILL

Location: COUNTY RTE. 60 - JACKSON, OH.

EPA Region: V

Person(s) in charge of the facility: GREG FIELAS, OWNER/OPERATOR - 614/286-2430

MIKE NIMISER - OHIO EPA, SOUTHEAST DISTRICT OFFICE

Name of Reviewer: A. SEWALL (FIT) Date: 9-26-85

General description of the facility:

(For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

THE JACKSON SANITARY LANDFILL IS AN ACTIVE LISCENSED MUNICIPAL FACILITY COVERING APPROXIMATELY 40 ACRES. FROM 1974-1980 GOODYEAR DISPOSED OF LIQUID DRUMMED SOLVENTS AND MISCELLANEOUS ORGANICS. OTHER INDUSTRIAL WASTES WERE REPORTEDLY ACCEPTED, ALTHOUGH NO INFORMATION CONCERNING CHARACTERISTICS AND QUANTITIES IS AVAILABLE. NO SAMPLING HAS BEEN DONE AT THIS SITE.

Non-Responsive

FIGURE 1
HRS COVER SHEET

6 PAGES REMOVED
NON-RESPONSIVE

June 25, 1982

DOCUMENTATION RECORDS
FOR
HAZARD RANKING SYSTEM

INSTRUCTIONS: The purpose of these records is to provide a convenient way to prepare an auditable record of the data and documentation used to apply the Hazard Ranking System to a given facility. As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference that will make the document used for a given data point easier to find. Include the location of the document and consider appending a copy of the relevant page(s) for ease in review.

FACILITY NAME: JACKSON SANITARY LANDFILL

LOCATION: COUNTY RTE. 60, JACKSON, OH.

GROUND WATER ROUTE

1 OBSERVED RELEASE

Contaminants detected (5 maximum):

- NONE DOCUMENTED.

Rationale for attributing the contaminants to the facility:

N/A

* * *

2 ROUTE CHARACTERISTICS

Depth to Aquifer of Concern

Name/description of aquifers(s) of concern:

THE MAJOR AQUIFER IN THE AREA IS SANDSTONE, WHICH IS INTERBEDDED WITH SHALE, COAL, AND LIMESTONE.

REFERENCE 2, 3, 5

Depth(s) from the ground surface to the highest seasonal level of the saturated zone [water table(s)] of the aquifer of concern:

5-20 FEET - REFERENCE 2, 3, 5.

Depth from the ground surface to the lowest point of waste disposal/storage:

UNKNOWN - ASSUME 6 FEET PER HRS INSTRUCTIONS. (FOR LANDFILLS ONLY).

Net Precipitation

Mean annual or seasonal precipitation (list months for seasonal):

40 INCHES - REFERENCE 1 47 FR 31224

Mean annual lake or seasonal evaporation (list months for seasonal):

34 INCHES - REFERENCE 1 47 FR 31224.

Net precipitation (subtract the above figures):

6 INCHES - SCORE = 2

Permeability of Unsaturated Zone

Soil type in unsaturated zone:

SILTY CLAY, SANDSTONE. WELL LOGS FOR THE AREA SHOW 0-5 FEET CLAY OR TILL IN SOME INSTANCES, AND BEDROCK AT THE SURFACE IN OTHERS. THE BEDROCK (SANDSTONE) IS THE AQUIFER OF CONCERN, BUT IS NOT SATURATED TO THE SURFACE.

Permeability associated with soil type: REFERENCE 2, 5, 6.

SILTY CLAY, SANDSTONE - 10^{-5} - 10^{-7} cm/sec

REFERENCE 1 47 FR 31224

Physical State

Physical state of substances at time of disposal (or at present time for generated gases):

LIQUID, SLUDGE - REFERENCE 4 - JUNE 4, 1984 MEMO FROM GOODYEAR

* * *

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

LANDFILL - NO LINER, PONDING OBSERVED ON SITE, LEACHATE SEEPAGE OBSERVED, NO COLLECTION SYSTEM.
REFERENCE 7.

Method with highest score:

LANDFILL - ASSIGNED VALUE = 3.

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated:

	TOXICITY	PERSISTENCE
TOLUENE	2 (REF 8 p. 2588)	1 (REF. 1, 47FR 31224)
XYLENE	2 (REF 8, p. 2739)	1 " "
METHYL ISOBUTYL KETONE	2 (REF 8, p. 1526)	2 " "
STYRENE	2 (REF 8, p. 2473)	1 " "

Compound with highest score:

THESE MATERIALS WERE DISPOSED OF AT THE LANDFILL BY GOODYEAR TIRE AND RUBBER CO. (REFERENCE 4).

METHYL ISOBUTYL KETONE (2-HEXANONE): MATRIX VALUE = 12

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

5772 DRUMS - CALCULATED QUANTITY OF WASTES DISPOSED BY GOODYEAR AT THE SITE FROM 1974-1980.
SEE REFERENCE 4, APPENDIX A.

Basis of estimating and/or computing waste quantity:

N/A.

* * *

5 TARGETS

Ground Water Use

Use(s) of aquifer(s) of concern within a 3-mile radius of the facility:

DRINKING WATER - NO ALTERNATIVE SOURCE READILY AVAILABLE. REFERENCE 2, 3, 5.

Distance to Nearest Well

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:

[redacted] SHOWS WATER DISTRIBUTION LINES FOR THE CITY OF JACKSON WATER SYSTEM AND THE JACKSON COUNTY RURAL WATER SYSTEM). (SEE ALSO: REF. 10, 12). ALL RESIDENTS OUTSIDE THE COVERABE AREAS OF THESE SYSTEMS UTILIZE PRIVATE WELL SUPPLIES FOR DRINKING WATER. ALL WELLS DRAW FROM THE BEAROCK

Distance to above well or building: AQUIFER, WHICH CONSISTS OF INTERBEADED SHALE AND SANDSTONE. REFERENCE 2, 5, 9.

[redacted]

Population Served by Ground Water Wells Within a 3-Mile Radius

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

397 HOUSES COUNTED WITHIN 3-MILE RADIUS WHICH ARE OUTSIDE THE SERVICE AREAS OF THE CITY OF JACKSON AND THE JACKSON COUNTY WATER SUPPLY SYSTEMS. (REFERENCE 9, 10, 12). ALL WELLS DRAW FROM INTERBEADED SHALE AND SANDSTONE, WHICH ARE HYDRAULICALLY CONNECTED (REF. 2, 5).

Computation of land area irrigated by supply well(s) drawing from aquifer(s) of concern within a 3-mile radius, and conversion to population (1.5 people per acre):

NOT APPLICABLE - REFERENCE 11.

Total population served by ground water within a 3-mile radius:

397 HOUSES × 3.8 PEOPLE/HOUSE = 1509

SEE EXPLAINATION ABOVE.

SURFACE WATER ROUTE

1 OBSERVED RELEASE

Contaminants detected in surface water at the facility or downhill from it (5 maximum):

NONE DOCUMENTED

Rationale for attributing the contaminants to the facility:

N/A

* * *

2 ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

Average slope of facility in percent:

SLOPE OF FACILITY MEASURED FROM USGS ELEVATION 800 ON JACKSON QUADRANGLE TO THE APPROXIMATE WESTERN PERIMETER OF THE SITE - SEE REF. 9.

DISTANCE = 400'

ELEVATION DIFFERENCE = 60'

$$\text{SLOPE} = \frac{60'}{400'} \times 100 = 15\%$$

Name/description of nearest downslope surface water:

LITTLE SALT CREEK - REFERENCE 9.

Average slope of terrain between facility and above-cited surface water body in percent:

DISTANCE FROM INACTIVE PORTION OF THE LANDFILL (WESTERN PERIMETER OF THE SITE) TO LITTLE SALT CREEK = 600 FEET.

ELEVATION DIFFERENCE = 60 FEET

$$\text{SLOPE OF TERRAIN} = \frac{60}{600} \times 100 = 10\%$$ REFERENCE 9.

Is the facility located either totally or partially in surface water?

NO - REFERENCE 9.

Is the facility completely surrounded by areas of higher elevation?

NO - REFERENCE 7, 9.

1-Year 24-Hour Rainfall in Inches

2.4 INCHES (INTERPOLATED) · REFERENCE 1, 47FR 31233

Distance to Nearest Downslope Surface Water

APPROXIMATELY 600 FEET - SCALED FROM TOPOGRAPHIC MAP.. DISTANCE MEASURED IS FROM THE INACTIVE PORTION OF THE LANDFILL (THE FACILITY NO LONGER ACCEPTS ANY HAZARDOUS MATERIALS) TO THE NEAREST DOWNSLOPE LOCATION OF LITTLE SALT CREEK.
REFERENCE 7, 9.

Physical State of Waste

LIQUID, SLUDGE - REFERENCE 4, JUNE 4, 1984 MEMO FROM GOODYEAR.

* * *

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

LANDFILL - LEACHATE SEEPS OBSERVED, NO COLLECTION SYSTEM, REFERENCE 7.

Method with highest score:

LANDFILL - ASSIGNED VALUE = 3

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated

SEE GROUND WATER ROUTE

DRUMMED WASTES WERE EVIDENTLY NOT BURIED
SEE REF. 4, 7.

Compound with highest score:

SEE GROUND WATER ROUTE

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

SEE GROUND WATER ROUTE

Basis of estimating and/or computing waste quantity:

SEE GROUND WATER ROUTE.

* * *

5 TARGETS

Surface Water Use

Use(s) of surface water within 3 miles downstream of the hazardous substance:

RECREATIONAL - FISHING, CANOEING.

REFERENCE 11.

Is there tidal influence?

NO. REFERENCE 9

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

N/A - REFERENCE 9

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

N/A - REFERENCE 9.

Distance to critical habitat of an endangered species or national wildlife refuge, if 1 mile or less:

N/A - FROM REVIEW OF "ENDANGERED AND THREATENED WILDLIFE AND PLANTS" - U.S. DEPT. OF THE INTERIOR, FISH & WILDLIFE SERVICE - 50 CFR 17.11 & 17.12 JULY 27, 1983
ALSO: REDBOOK OF ENDANGERED SPECIES, GREAT LAKES REGION - U.S. DEPT. OF THE INTERIOR, FISH & WILDLIFE SERVICE

Population Served by Surface Water

Location(s) of water-supply intake(s) within 3 miles (free-flowing bodies) or 1 mile (static water bodies) downstream of the hazardous substance and population served by each intake:

NONE - SEE EXPLAINATION BELOW.

THE CITY OF JACKSON IS SERVED POTABLE WATER FROM A SURFACE INTAKE IN HAMMERTOWN LAKE, LOCATED APPROXIMATELY 1 MILE WEST OF JACKSON. THIS SYSTEM SERVES THE ENTIRE POPULATION WITHIN THE CORPORATE LIMITS OF JACKSON, ALONG WITH A LIMITED AREA OUTSIDE THE CITY. NO SURFACE CONNECTION EXISTS BETWEEN THE SITE AND HAMMERTOWN LAKE. THE LAKE IS RECHARGED MAINLY THROUGH SURFACE RUNOFF AND BY SEVERAL SMALL STREAMS TO THE SOUTH. THE JACKSON COUNTY WATER COMPANY ALSO BUYS WATER FROM THE CITY OF JACKSON AND DISTRIBUTES IT TO RURAL AREAS IN JACKSON COUNTY. REFERENCE 9,10

Computation of land area irrigated by above-cited intake(s) and conversion to population (1.5 people per acre):

NO IRRIGATIONAL INTAKES EXIST IN THE AREA.
REFERENCE 11.

Total population served:

N/A.

Name/description of nearest of above water bodies:

N/A

Distance to above-cited intakes, measured in stream miles.

N/A

AIR ROUTE

1 OBSERVED RELEASE

Contaminants detected:

NONE DOCUMENTED.

Date and location of detection of contaminants

N/A

Methods used to detect the contaminants:

N/A

Rationale for attributing the contaminants to the site:

N/A

* * *

2 WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

N/A

Most incompatible pair of compounds:

N/A

Toxicity

Most toxic compound:

N/A

Hazardous Waste Quantity

Total quantity of hazardous waste:

N/A

Basis of estimating and/or computing waste quantity:

N/A

* * *

3 TARGETS

Population Within 4-Mile Radius

Circle radius used, give population, and indicate how determined:

0 to 4 mi 0 to 1 mi 0 to 1/2 mi 0 to 1/4 mi

N/A

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

N/A

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

N/A.

Distance to critical habitat of an endangered species, if 1 mile or less:

N/A

Land Use

Distance to commercial/industrial area, if 1 mile or less:

N/A

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

N/A

Distance to residential area, if 2 miles or less:

N/A

Distance to agricultural land in production within past 5 years, if 1 mile or less:

N/A

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

N/A

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

N/A

FIRE AND EXPLOSION

1 CONTAINMENT

NO THREAT OF FIRE AND EXPLOSION HAZARD EXISTS AT THIS SITE. (NO THREAT DOCUMENTED IN FILES OR FROM FIELD OBSERVATIONS).

Hazardous substances present:

N/A

Type of containment, if applicable:

N/A

* * *

2 WASTE CHARACTERISTICS

Direct Evidence

Type of instrument and measurements:

N/A

Ignitability

Compound used:

N/A

Reactivity

Most reactive compound:

N/A

Incompatibility

Most incompatible pair of compounds:

N/A

* * *

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility:

N/A

Basis of estimating and/or computing waste quantity:

N/A

* * *

3 TARGETS

Distance to Nearest Population

N/A

Distance to Nearest Building

N/A

Distance to Sensitive Environment

Distance to wetlands:

N/A

Distance to critical habitat:

N/A

Land Use

Distance to commercial/industrial area, if 1 mile or less:

N/A

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

N/A

Distance to residential area, if 2 miles or less:

N/A

Distance to agricultural land in production within past 5 years, if 1 mile or less:

N/A

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

N/A

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

N/A

Population Within 2-Mile Radius

N/A

Buildings Within 2-Mile Radius

N/A.

DIRECT CONTACT

1 OBSERVED INCIDENT

Date, location, and pertinent details of incident:

NO OBSERVED INCIDENT DOCUMENTED.

* * *

2 ACCESSIBILITY

Describe type of barrier(s):

A GATE IS PRESENT AT THE ACCESS ROAD, BUT THE SITE IS NOT FENCED. REFERENCE 7.

* * *

3 CONTAINMENT

Type of containment, if applicable:

DRUMMED WASTES WERE EVIDENTLY NOT BURIED, LEACHATE SEEPS OBSERVED DURING A RECENT SITE INSPECTION. REFERENCE 4, 7.

* * *

4 WASTE CHARACTERISTICS

Toxicity

Compounds evaluated:

	TOXICITY	
TOLUENE	2	(REFERENCE 8, p. 2588)
XYLENE	2	(REF. 8, p. 2739)
METHYL ISOBUTYL KETONE	2	(REF. 8, p. 1526)

Compound with highest score: THESE MATERIALS WERE DISPOSED OF AT THE LANDFILL BY GOODYEAR TIRE & RUBBER REFERENCE 4.

ANY OF THE ABOVE - SCORE = 2

* * *

5 TARGETS

Population within one-mile radius

91 HOUSES COUNTED x 3.8 = 346 PEOPLE.
HOUSE COUNT - REFERENCE 9.

Distance to critical habitat (of endangered species)

NOT APPLICABLE - FROM REVIEW OF
"ENDANGERED AND THREATENED WILDLIFE AND PLANTS" U.S. DEPT. OF THE INTERIOR, FISH & WILDLIFE SERVICE - 50 CFR 17.11 & 17.12 JULY 27, 1983.
ALSO: REDBOOK OF ENDANGERED SPECIES - GREAT LAKES REGION - US DEPT. OF THE INTERIOR, FISH & WILDLIFE SERVICE.

HRS DOCUMENTATION LOG SHEET

SITE NAME JACKSON SANITARY LANDFILL
CITY JACKSON STATE OH
IDENTIFICATION NUMBER OHD 980993554.

REFERENCE NUMBER	DESCRIPTION OF THE REFERENCE
1	FEDERAL REGISTER JULY 16, 1982
2	WELL LOGS AND DRILLING REPORTS - OHIO DEPT. OF NATURAL RESOURCES;
	& REPRESENTATIVE WELL LOGS PLUS BASE MAP INCLUDED.
3	GROUND WATER RESOURCES OF JACKSON AND VINTON COUNTIES (MAP)
	BY ALFRED C. WALKER, OHIO DEPT. OF NATURAL RESOURCES, 1985.
4	OHIO EPA MEMO DATED MAY 4, 1984 TO MR. FRED C. BETZHOLD
	GOODYEAR TIRE & RUBBER COMPANY. ALSO ATTACHED IS RESPONSE
	MEMO FROM GOODYEAR DATED JUNE 4, 1984 TO MR. BEN L.
	PFEFFERLE III ATTY. STATE OF OHIO EPA.
5	PHONE LOG - DATE 7-16-85 9:30A CONTACT: AL WALKER
	OHIO DNR 614/265-6744 SIGNED DAN SEWALL 7-16-85.
6	REPORT ON PERMIT TO INSTALL ALLIED CHEMICAL ALUM SLUDGE AT
	JACKSON SANITARY LANDFILL, LOGAN, OH MARCH 15, 1982 - JERRY
	ROBERTS - SOLID WASTE SCIENTIST.
7	ECOLOGY & ENVIRONMENT, INC. MEMORANDUM JUNE 14, 1985 TO: FILE
	FROM: PAULA M. VENTURA SUBJECT: JACKSON SANITARY LANDFILL
	SITE INSPECTION. SITE SKETCH FOR JACKSON COUNTY (SANITARY) LANDFILL
8	"DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS" - 6TH EDITION
	IRVING J. SAX 1984.
9	COMPOSITE TOPOGRAPHIC MAP FROM THE FOLLOWING 7.5' QUADRANGLES:
	JACKSON 1961 (PHOTOREVISED 1975), WELLSTON 1961 (1975)
10	PHONE LOG - DATE 7-17-85, 9:45A. CONTACT: JACK HILDENBRAND

HRS DOCUMENTATION LOG SHEET

SITE NAME JACKSON SANITARY LANDFILL
CITY JACKSON STATE OH
IDENTIFICATION NUMBER OHD 980993554.

REFERENCE NUMBER	DESCRIPTION OF THE REFERENCE
	CITY OF JACKSON WATER DEPT. SUPERVISOR 614/286-3010 ; SIGNED
	DANIEL T. SEWALL 7-17-85.
11	PHONE LOG - DATE : 8-5-85 , 12:30 P ; CONTACT : MR. EDWARD
	VOLLBORN - CHAIRMAN, JACKSON COUNTY EXTENSION SERVICE ,
	(614) 286-5044 SIGNED : DANIEL T. SEWALL 8-5-85.
12	ECOLOGY & ENVIRONMENT MEMO DATED JULY 22, 1985
	TO JEANETTE BARBER FROM DANIEL T. SEWALL.

R5-8410-5 (OH-320-10

Re: Jackson County
Jackson County Water Company, Inc.
Community
4000203
4000303

Jackson County Water Company, Inc. January 11, 1985
319 Walnut Street
Jackson OH 45640

Gentlemen:

An evaluation survey of the public water supply system of the Jackson County Water Company, Inc. was made on January 2, 1985, by this writer. Bob Lovett was interviewed and the system was inspected in his presence.

The purpose of this evaluation was to determine the ability of the facility to provide an adequate, safe and potable water that meets the requirements of the Ohio Administrative Code 3745. General supervision of the operation and maintenance of public water supply systems is a function of this Agency as set forth in Chapter 6109 of the Ohio Revised Code.

I have the following findings and requirements concerning the Jackson County Water Company, Inc. water supply system:

1. All water is purchased from the City of Jackson and the City of Wellston. The average daily water usage from each source is 146,000 gallons and 76,000 gallons, respectively.

2. There are 876 service connections on the system served by Jackson and 327 service connections on the system served by Wellston.

3. Sampling during the inspection and daily sampling by Mr. Lovett indicate that the required o.2 mg/l free chlorine residual is not being maintained in the distribution system. In an effort to remedy this deficiency, the chlorinators in five booster stations have been cleaned and repaired and are now ready to be used. During the next several weeks, information on booster pump run times will be collected so that the proper chlorine solution strength and chlorine pump settings can be calculated. It is hoped that the chlorinators will be in operation within a month.

4. As discussed with Mr. Lovett during the inspection, the Ohio Administrative Code requires that detail plans be approved by this Agency before any changes are made to a water system. This would include any waterline extensions. Enclosed is a Water Supply Data Sheet which must be included in any plan submittal.

5. Operation and maintenance of the system was very good at the time of the inspection. Water samples are regularly collected on the distribution system and submitted for bacteriological analyses. The samples indicate a satisfactory sanitary quality.

If I can be of assistance, contact me at this office.

Sincerely,

David L. Greenwood

David L. Greenwood, P.E.
District Engineer
Division of Public Water Supply

DLG/njr

cc: Central Office/DPWS
cc: Jackson County Health Department
cc: Bob Lovett