

ILLINOIS COMMERCE COMMISSION**DOCKET NO. 02-0480****RESPONSE OF CONSUMERS ILLINOIS WATER COMPANY
TO ICC DATA REQUEST NO. WD 1.01**

Witness Responsible: Thomas J. Bunosky
Company: Consumers Illinois Water Company
Job Title: Vice President
Phone Number: 815-935-8800 Ext. 530

WD 1.01

- a. Please provide the total amount of acreage involved to construct the proposed water main extension to serve the Village of Grant Park.
- b. Please provide a breakdown of the total acreage, by acreage, of the current use of the acreage involved with this proceeding, e.g.: residential, agriculture, pasture and public.
- c. Please provide the amount of acreage that may be removed from current use due to a permanent structure being installed, such as a meter vault.
- d. Please provide the amount of acreage that will be required for working easements during the construction of the main extensions. Provide the width of the working easements.
- e. Please provide the amount of acreage that will be required for permanent easements. Provide the width of the permanent easements.
- f. If CIWC is acquiring easements, please provide the total number of easements needed to complete the main extension and the status of obtaining these easements from each property owner along the proposed main extension.

ILLINOIS COMMERCE COMMISSION

DOCKET NO. 02-0480

RESPONSE OF CONSUMERS ILLINOIS WATER COMPANY

TO ICC DATA REQUEST NO. WD 1.04

Witness Responsible: Thomas J. Bunosky
Company: Consumers Illinois Water Company
Job Title: Vice President
Phone Number: 815-935-8800 Ext. 530

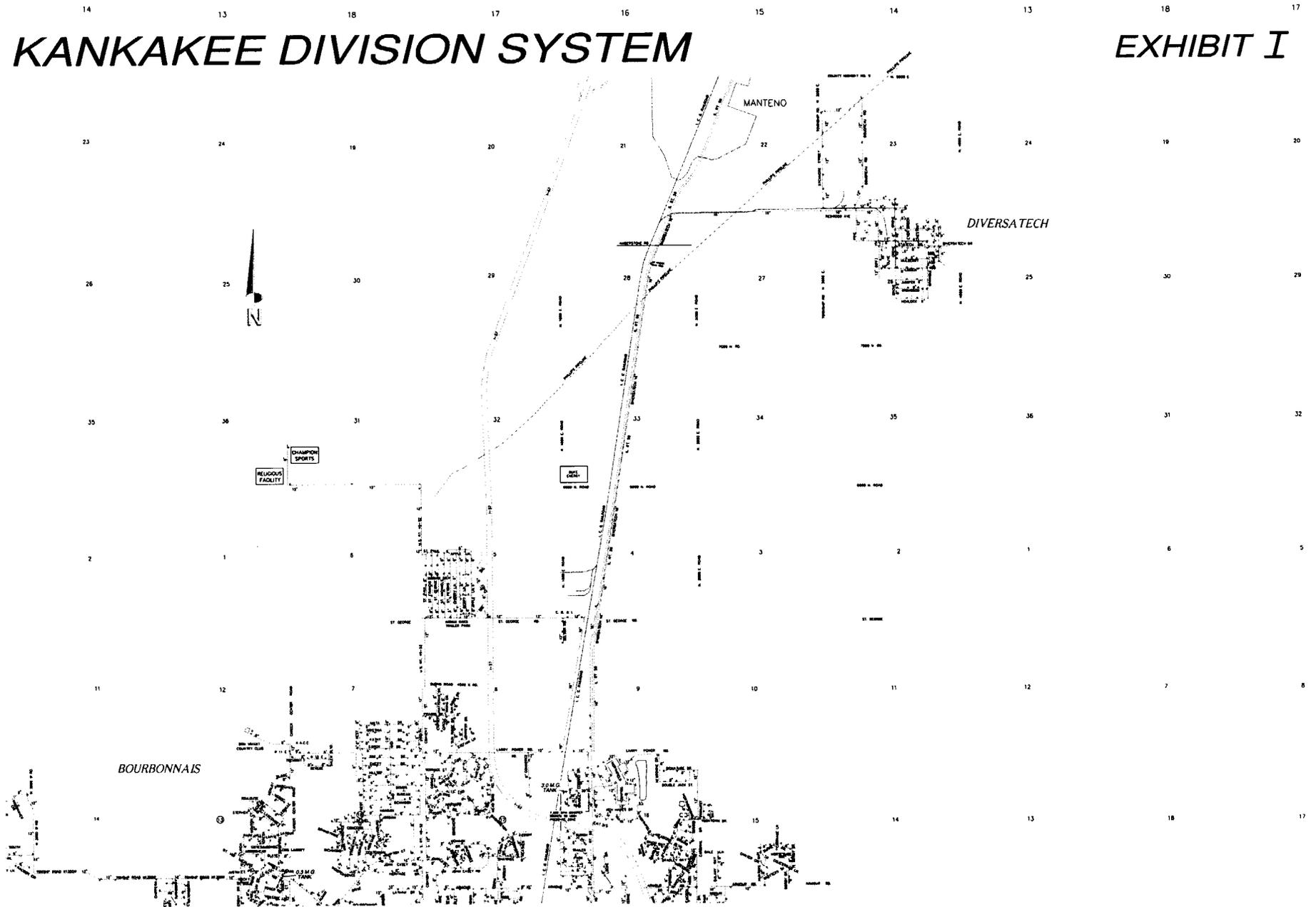
WD 1.04 Please provide a detailed distribution map(s) showing CIWC's existing water distribution mains and the route of the proposed main extension(s) to provide water service to the residents in the Village of Grant Park and to the Growth/Housekeeping Area.

RESPONSE: The Company has attached the following Exhibits, which depict the requested information:

- Exhibit I: Kankakee Distribution Map
- Exhibit J: Proposed Water Mains to Serve Grant Park and Growth/Housekeeping Areas (attached to WD 1.08)
- Exhibit K: Illinois Diversatech Campus Connection Point
- Exhibit L: Village of Grant Park Water System/Connection Point

KANKAKEE DIVISION SYSTEM

EXHIBIT I



ILLINOIS DIVERSATECH CAMPUS CONNECTION POINT

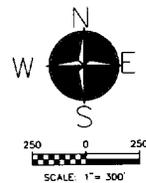
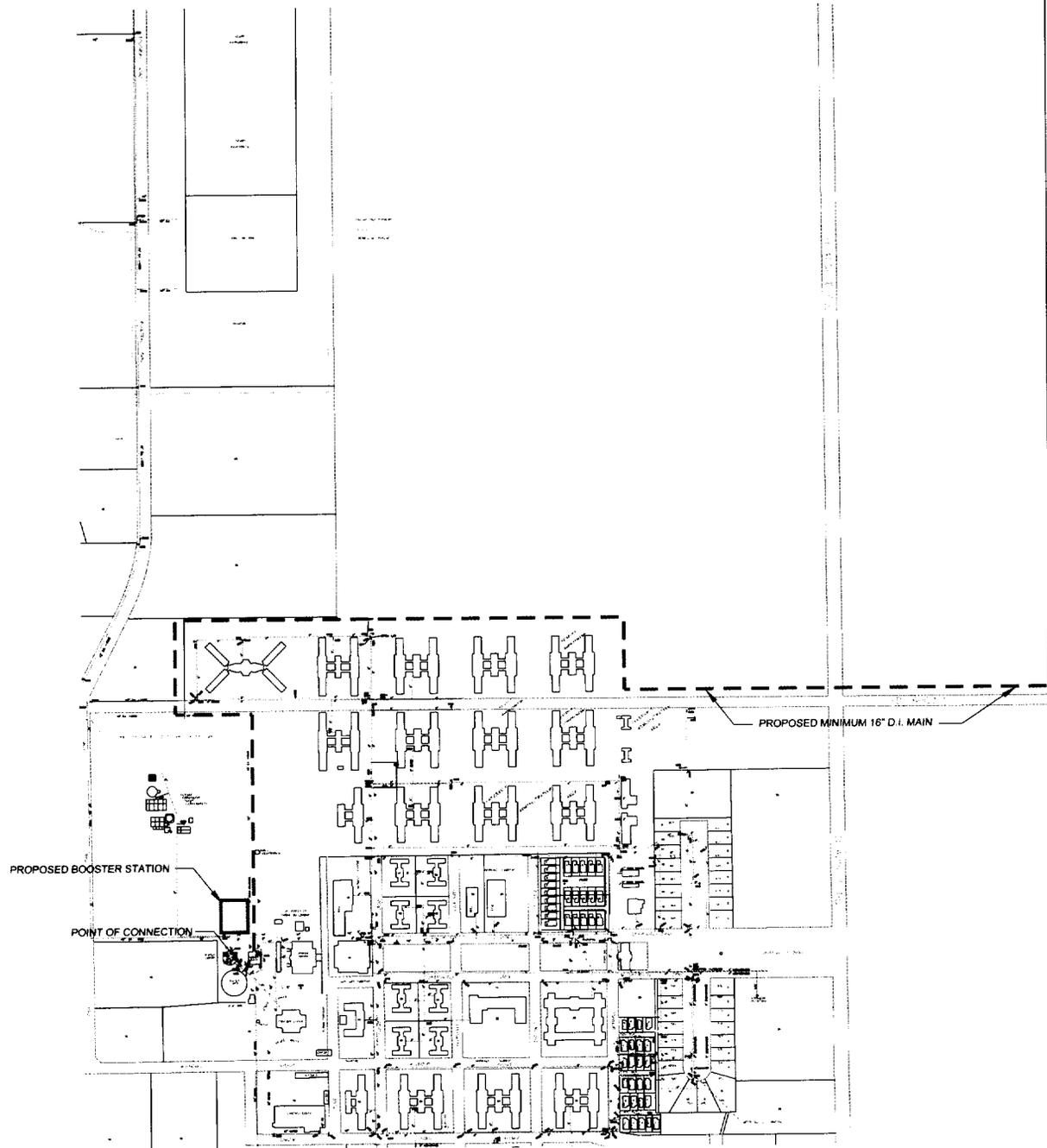


EXHIBIT K

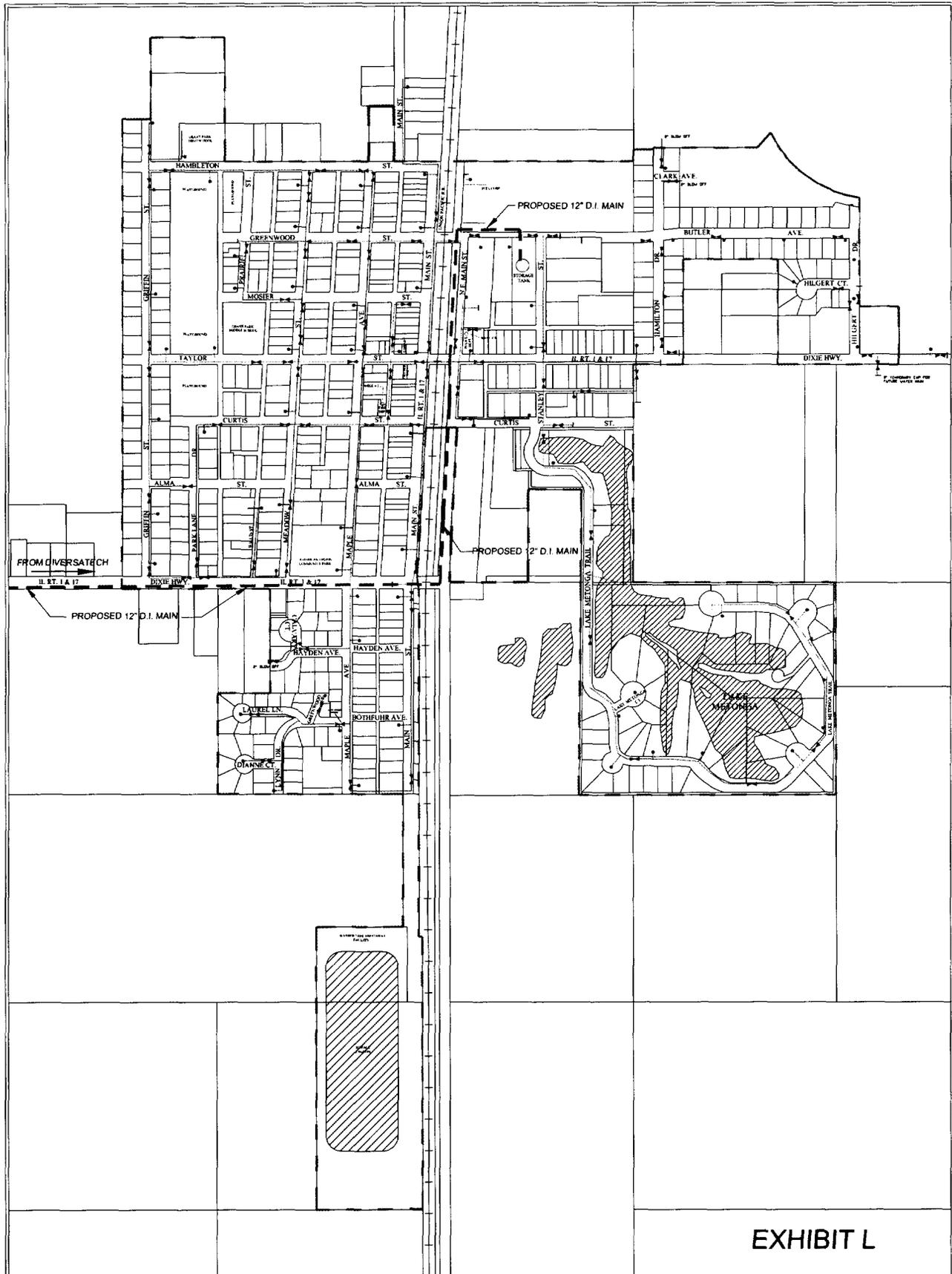


EXHIBIT L

• LEGEND •

- 2" WATER MAIN
- 4" WATER MAIN
- 6" WATER MAIN
- 8" WATER MAIN
- 10" WATER MAIN
- 12" WATER MAIN
- † FIRE HYDRANT
- GATE VALVE
- DEADEND WATERMAIN
- REDUCER

N
W —+— E
S

250 0 250

SCALE: 1" = 300'
AUG. 22, 1998

SKIMERHORN
CARTOGRAPHIC
SERVICES

(815) 939-2068 253 S. Dearborn Ave
Waukegan, IL 60095

VILLAGE OF GRANT PARK, IL WATER ATLAS

2001

ILLINOIS COMMERCE COMMISSION

DOCKET NO. 02-0480

**RESPONSE OF CONSUMERS ILLINOIS WATER COMPANY
TO ICC DATA REQUEST NO. WD 1.08**

Witness Responsible: Thomas J. Bunosky
 Company: Consumers Illinois Water Company
 Job Title: Vice President
 Phone Number: 815-935-880 Ext. 530

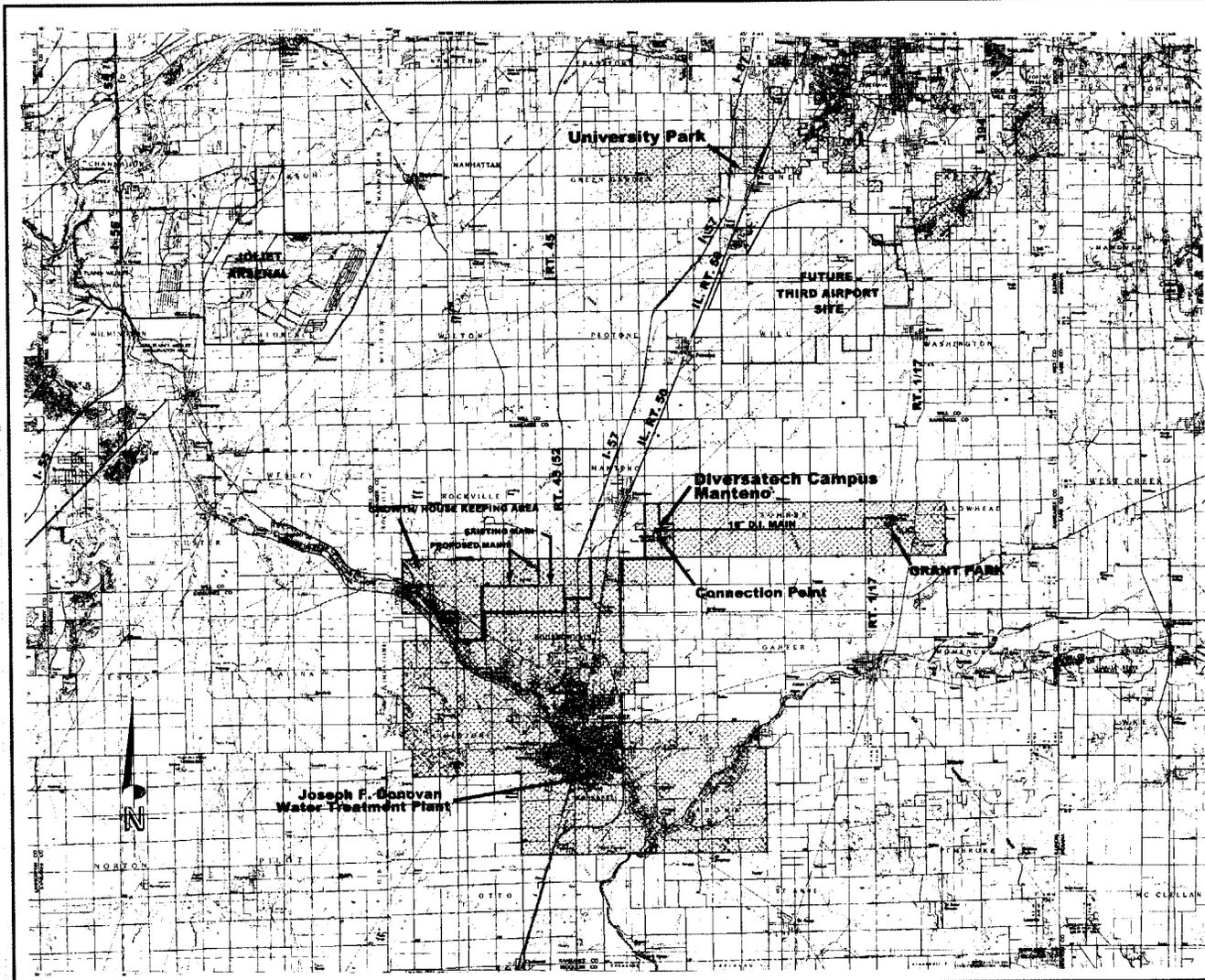
WD 1.08 Provide the additional number of residents and/or commercial businesses that may receive water service within five years from the proposed main extension(s) to Grant Park or Growth/Housekeeping Area.

RESPONSE: Sixteen residences are located adjacent to the proposed main extension to Grant Park and which could be served immediately if service were requested. Also, the construction growth areas of Kankakee and Will County. Also, the Main if extended, a further extension to such areas in Will County may be feasible to connect CIWC's water systems in Dixie Dells, Calumet Gardens, Village Woods and University Park, which presently experience hard water and iron conditions. If an extension to University Park is completed, CIWC will be able to provide the high-quality, softened water others enjoy to CIWC's Customers in Will County, and also the possibility of serving an additional 17,700 residents not currently served by CIWC. These include the Villages of Beecher, Momence, Crete, and Monee. In addition, 2,300 residents in CIWC's Willowbrook Estates water system could be potentially served from the extension. CIWC is in preliminary discussions with the Village of Beecher, City of Momence, the Village of Crete and the Village of Monee regarding the potential of extending the water main further. Please refer to Table 1, Exhibit J and Exhibit M.

One commercial customer in the Growth/Housekeeping Area has been served by the existing main since the main's construction in 2001. The number of new customers in the Growth/Housekeeping Area within five years from now is unknown. However, the Company believes the Area will have extensive growth due to the Village of Bourbonnais proposed Davis Creek Sanitary Sewer Interceptor which will be extended into the Area within the next 5 years. In addition the Illinois Department of Transportation is planning a new interchange on Interstate 57 at 6000 North Road within 5 years, which will spur commercial growth in the Growth/Housekeeping Area.

EXHIBIT J

KANKAKEE & WILL COUNTIES, ILLINOIS



NOTE: CONTOURS ARE IN METRIC SCALE (Meters x 3.2808 = Ft)

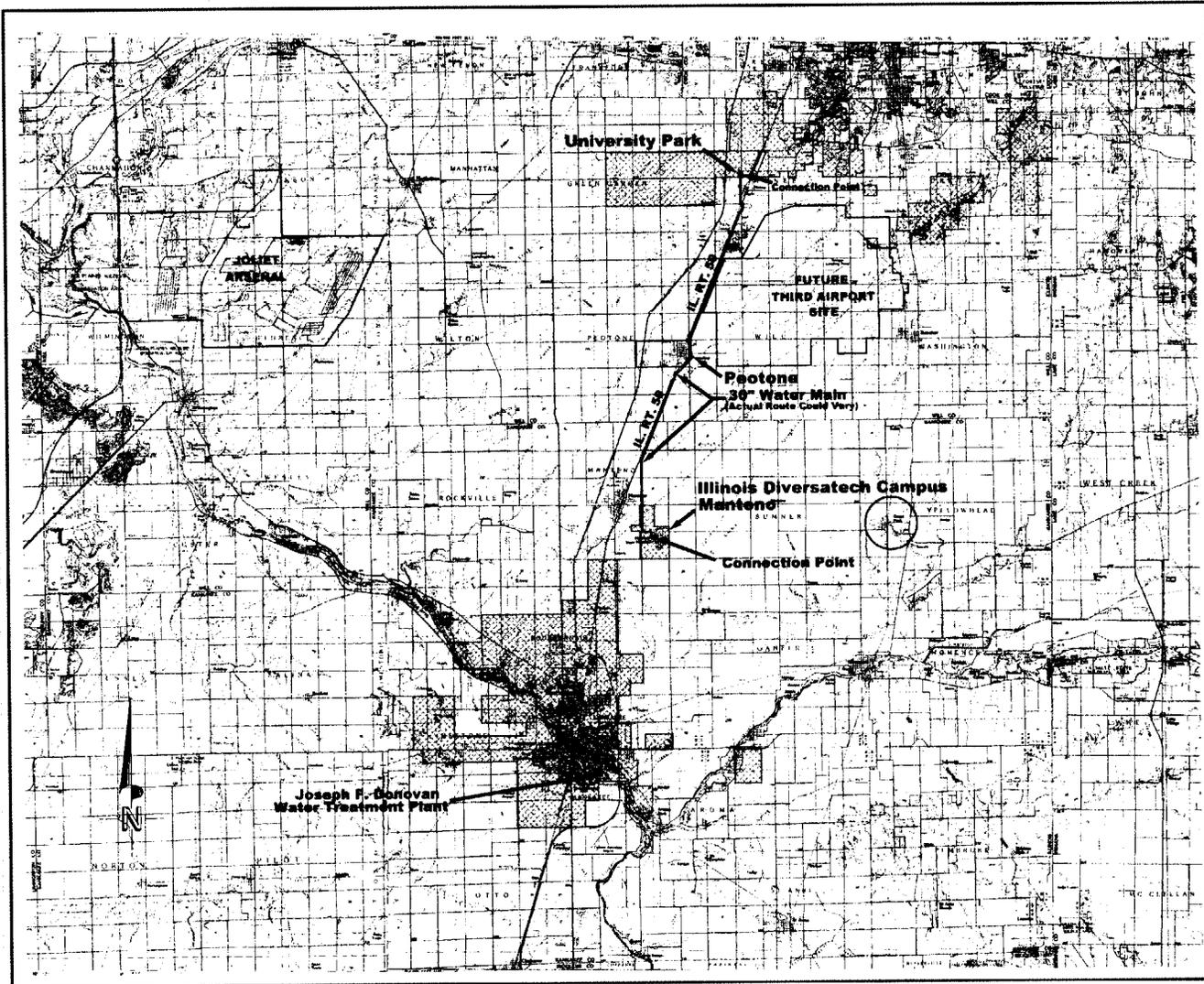


 EXIST. CERT. AREA
 PROP. CERT. AREA

CONSUMERS ILLINOIS WATER COMPANY
CERTIFICATED AREA LOCATIONS OCTOBER/2002

EXHIBIT M

KANKAKEE & WILL COUNTIES, ILLINOIS



NOTE: CONTOURS ARE IN METRIC SCALE (Meters x 3.2808 = Ft.)



EXIST. CERT. AREA

CONSUMERS ILLINOIS WATER COMPANY
CERTIFICATED AREA LOCATIONS 10/02/2002

ILLINOIS COMMERCE COMMISSION**DOCKET NO. 02-0480****RESPONSE OF CONSUMERS ILLINOIS WATER COMPANY****TO ICC DATA REQUEST NO. WD 1.09**

Witness Responsible: Thomas J. Bunosky
Company: Consumers Illinois Water Company
Job Title: Vice President
Phone Number: 815-935-8800 Ext. 530

WD 1.09 Please provide all workpapers, notes, memorandums and/or reports supporting the construction of the six-inch main instead of having an eight-inch main serving Grant Park or Growth/Housekeeping Area.

RESPONSE: The controlling criteria for sizing the water main to serve the Village of Grant Park is the provision of a fire flow rate of 2000 gallons per minute, gpm. This rate was selected based on a practical rate required to fight a fire in an industrial or commercial sector of town. Since the storage tank capacity in Grant Park is only 125,000 gallons, it would be depleted in 1 hour at this fire flow demand.

Several sizes of water main, 8 in., 12 in., and 16 in., were evaluated to determine their ability to handle 2,000 gpm of flow. Workpaper WD 1.09-1 calculates the pressure loss of an 8" transmission main. It is a printout of a software program called "FlowMaster" by Haestad Methods. As shown, the pressure at the booster station located at the Illinois Diversatech Campus, IDC, would have to be a maximum of 1,286 psi to deliver 2,000 gpm through an 8" transmission main. Pressure calculations were based on pumping out of a ground storage tank at IDC and pumping to a full elevated tank in Grant Park.

The friction loss in the 8 in. main at a flow rate of 2,000 gpm is 55 ft. per 1,000 ft. of main, and the velocity is 11 feet per second, fps. The American Water Works Association, AWWA, recommends a maximum headloss 3 ft. per 1,000 ft. for transmission mains. In addition AWWA recommends velocities in pipelines of less than 10 fps to prevent water hammer. Clearly, an 8" transmission main to Grant Park is too small.

As shown on workpaper WD 1.09-2, a 12" main also is also too small based on the above criteria since the friction loss is 8 ft. per 1,000 ft. Workpaper WD 1.09-3 shows that a 16" main is adequate to serve Grant Park. The friction loss at 2,000 gpm is 2 ft. per 1,000 ft., which is acceptable. The discharge pressure at the booster station would be 109 psi at 2,000 gpm flow rate. Based on reaching the maximum recommended friction loss of 3 ft. per 1,000 ft., the 16" main would have a capacity of 2,430 gpm, or 3.5 million gallons per day, mgd, as shown on workpaper WD 1.09-4. Workpaper WD 1.09-7 shows that the 16 in. main would have the capacity to serve 6,895 households in addition to the current Grant Park maximum day demand.

The actual main size selected by the Company for the service to Grant Park is 20 in. size. This size is based on the recommended capacity of 6.5 mgd, as discussed in an internal Company memorandum, which is marked WD 1.09-6. As shown on workpaper WD 1.09-5, the 20" main has a capacity of 4,514 gpm, or 6.5 mgd, based on the friction loss criteria of 3 ft. per 1,000 ft. Workpaper WD 1.09-7 shows that the 20 in. main would have the capacity to serve 13,744 households in addition to the current Grant Park maximum day demand.

The main size in the Growth/Housekeeping Area is 12" in. size based on maintaining the Company's design criteria for the distribution system of 12" in. feeder mains on an approximate 1 mile square grid in order to provide adequate fire flows as the system grows.

WD 1.09-1

Losses in 8" Water Main @ 2000 gpm
Worksheet for Pressure Pipe

Project Description	
Project File	f:\dloliver\flowcalc\piping c.fm2
Worksheet	Headloss Calculations
Flow Element	Pressure Pipe
Method	Hazen-Williams Formula
Solve For	Pressure at 1

Input Data	
Pressure at 2	0.00 psi
Elevation at 1	680.00 ft
Elevation at 2	825.00 ft
Length	51,000.00 ft
C Coefficient	120.0
Diameter	8.550 in
Discharge	2,000.0 gal/min

Results		
Pressure at 1	1,286.43	lbs/in ²
Headloss	2,822.25	ft
Energy Grade at 1	3,649.20	ft
Energy Grade at 2	826.94	ft
Hydraulic Grade at 1	3,647.25	ft
Hydraulic Grade at 2	825.00	ft
Flow Area	0.40	ft ²
Wetted Perimeter	2.24	ft
Velocity	11.18	ft/s
Velocity Head	1.94	ft
Friction Slope	0.055338	ft/ft

Losses in 12" Water Main @ 2000 gpm
Worksheet for Pressure Pipe

Project Description	
Project File	f:\dloliver\flowcalc\piping c.fm2
Worksheet	Headloss Calculations
Flow Element	Pressure Pipe
Method	Hazen-Williams Formula
Solve For	Pressure at 1

Input Data	
Pressure at 2	0.00 psi
Elevation at 1	680.00 ft
Elevation at 2	825.00 ft
Length	51,000.00 ft
C Coefficient	120.0
Diameter	12.640 in
Discharge	2,000.0 gal/min

Results		
Pressure at 1	245.14	lbs/in ²
Headloss	420.44	ft
Energy Grade at 1	1,245.84	ft
Energy Grade at 2	825.41	ft
Hydraulic Grade at 1	1,245.44	ft
Hydraulic Grade at 2	825.00	ft
Flow Area	0.87	ft ²
Wetted Perimeter	3.31	ft
Velocity	5.11	ft/s
Velocity Head	0.41	ft
Friction Slope	0.008244	ft/ft

WD 1.09-3

Losses in 16" Water Main @ 2000 gpm
Worksheet for Pressure Pipe

Project Description	
Project File	f:\dloliver\flowcalc\piping c.fm2
Worksheet	Headloss Calculations
Flow Element	Pressure Pipe
Method	Hazen-Williams Formula
Solve For	Pressure at 1

Input Data	
Pressure at 2	0.00 psi
Elevation at 1	680.00 ft
Elevation at 2	825.00 ft
Length	51,000.00 ft
C Coefficient	120.0
Diameter	16.760 in
Discharge	2,000.0 gal/min

Results		
Pressure at 1	108.99	lbs/in ²
Headloss	106.40	ft
Energy Grade at 1	931.53	ft
Energy Grade at 2	825.13	ft
Hydraulic Grade at 1	931.40	ft
Hydraulic Grade at 2	825.00	ft
Flow Area	1.53	ft ²
Wetted Perimeter	4.39	ft
Velocity	2.91	ft/s
Velocity Head	0.13	ft
Friction Slope	0.002086	ft/ft

Losses in 16" Water Main @ 2,430 gpm
Worksheet for Pressure Pipe

Project Description	
Project File	f:\dloliver\flowcalc\piping c.fm2
Worksheet	Headloss Calculations
Flow Element	Pressure Pipe
Method	Hazen-Williams Formula
Solve For	Pressure at 1

Input Data	
Pressure at 2	0.00 psi
Elevation at 1	680.00 ft
Elevation at 2	825.00 ft
Length	51,000.00 ft
C Coefficient	120.0
Diameter	16.760 in
Discharge	2,430.0 gal/min

Results		
Pressure at 1	129.02	lbs/in ²
Headloss	152.61	ft
Energy Grade at 1	977.80	ft
Energy Grade at 2	825.19	ft
Hydraulic Grade at 1	977.61	ft
Hydraulic Grade at 2	825.00	ft
Flow Area	1.53	ft ²
Wetted Perimeter	4.39	ft
Velocity	3.53	ft/s
Velocity Head	0.19	ft
Friction Slope	0.002992	ft/ft

WD 1.09-5

Losses in 20" Water Main @ 4,514 gpm
Worksheet for Pressure Pipe

Project Description	
Project File	f:\dloliver\flowcalc\piping c.fm2
Worksheet	Headloss Calculations
Flow Element	Pressure Pipe
Method	Hazen-Williams Formula
Solve For	Pressure at 1

Input Data	
Pressure at 2	0.00 psi
Elevation at 1	680.00 ft
Elevation at 2	825.00 ft
Length	51,000.00 ft
C Coefficient	120.0
Diameter	20.940 in
Discharge	4,514.0 gal/min

Results		
Pressure at 1	133.28	lbs/in ²
Headloss	162.43	ft
Energy Grade at 1	987.70	ft
Energy Grade at 2	825.27	ft
Hydraulic Grade at 1	987.43	ft
Hydraulic Grade at 2	825.00	ft
Flow Area	2.39	ft ²
Wetted Perimeter	5.48	ft
Velocity	4.21	ft/s
Velocity Head	0.27	ft
Friction Slope	0.003185	ft/ft

July 10, 2002

Memorandum

To: Bill Ross, Joe Thurwanger, Tom Bunosky, Steve Saller

From: Dan Oliver

Date: 07/10/02

Re: Grant Park Service Area

The following discussion is an attempt to answer questions related to the review of the Grant Park and beyond service area by Bill Ross and Joe Thurwanger. The subject matter is grouped in the following categories:

Demand Issues:

1. There were errors reported in the average and maximum day demands for the individual communities listed on the spreadsheets previously submitted. Corrected information is attached to this report. In total, the demand was about the same. A maximum day demand of around 6 MGD appears reasonable for planning of the pipeline.
2. The communities with high industrial demand are Momence with a meat packing plant and University Park with the industrial park. Crete currently does not have a high industrial demand but a peaker plant is going to be connected to the system soon. University Park has two peaker plants coming on line with a combined maximum day demand of 3.7 MG. Peaker plants are only expected to operate around 1500 hours per year but usually at the hottest time of the year. The other industries are expected to have a sustained demand. Peaker plant demands were not included in the total maximum day calculation in the attached table.
3. Customer counts have been corrected in the attached table. The numbers now correspond more closely with the Census count for housing units, which Bill has reported. The one notable difference is University Park where there are a large number of multi-family buildings with a single meter per building. Growth in all the communities is likely and needs to be addressed.
4. It is not being proposed to serve the prison in Pembroke Township, near Hopkins Park, from the Grant Park main. It would take an additional 12 miles of main from Momence to the prison site. An alternate route for a transmission main from the Kankakee system would be proposed.

July 10, 2002

5. The possibility of serving Lowell Indiana is plausible only but perhaps beyond the scope of this plan.

Supplemental Supply and Storage

1. The storage that would be acquired in each community is listed on the attached table.
2. All communities are currently on well supplies of varying quality. A more detailed study would be needed to determine which wells could be used to supplement the supply of the new service area. Grant Park's wells would not be relied on due to the presence of arsenic above the proposed standard of 10 ppb.
3. University Park has excess well capacity that could be utilized for peaking and emergency supply. There are 7 wells in University Park with an estimated combined capacity of 8.6 MGD. Currently only 4 of the wells are fully developed and on-line ready for use. A fifth well will be put on line this year for a back-up when the power plants are in operation. Potentially, 5 MGD excess capacity would be available for the pipeline from the University Park well supply, even with the power plants in UP running.
4. Acquired storage appears adequate for diurnal, fire, and emergency demand for the pipeline, with storage being more than the maximum day demand. At the terminus of the pipeline in University Park, there is an existing pumped storage system with 3 MG of ground storage and a booster station, which could be used to supply the pipeline. This site has space for an additional reservoir. Additional ground storage at Diversatech appears feasible as well if needed.

Phasing and Route

1. Other than Grant Park, all of the proposed acquisitions are in the preliminary discussion phase, and bulk sales are more likely than system acquisitions. Deals with Beecher, Crete, and Monee are believed to be 1 to 2 years in the offing. A deal with Momence could be closer to 5 years.
2. Regarding a transmission main up Route 50, Manteno and Peotone could likely be picked up as bulk customers.
3. The connection to the Monee system would be through the University Park system and consequently the connecting mains would be relatively short since the systems are in close proximity near the UP industrial park. The residential system and industrial systems in UP are now connected through a 20" main. A control valve and metering station allows for flow control between the residential and industrial systems.

Construction Costs

1. The Distribution Dept. has installed up to 24" diameter main. For these larger main projects, the heavy equipment required is leased.

July 10, 2002

Design Considerations

1. The remaining system capacities listed in the table were based on the study made with Joe's assistance for the Indeck Energy proposal. In general, the existing maximum day demand flow in a particular pipe segment from the hydraulic model was subtracted from the estimated carrying capacity for that segment. For a pipeline, this was based on AWWA's recommendation of limiting head loss in the line to 3 ft. per 1000 ft.
2. The Diversatech system is currently fed off the low pressure system on the suction side of the booster pumps. Provisions have been made in the pump station to pump to the line to Diversatech through a pressure reducing valve, but that plan has not been implemented yet. A new or expanded booster station at the 3 MG tank would eventually be needed to increase the capacity that the existing 16" transite main could deliver. However, the 16" main is obviously undersized for the projected demands of the new service area.
3. One design approach for the new service area would be to have more than one booster station along the pipeline route. This would allow for smaller transmission mains and thus a smaller initial investment. The savings in pipeline costs could pay for additional booster stations. A booster station pumping from Diversatech to Grant Park would be designed for a capacity of approximately 6.5 MGD. The discharge pressure at the pump station would be around 130 psi at this flow rate in a 20" transmission main. The head loss in the transmission main would be around the ideal 3 ft. per 1000 ft. The pipeline pressure at Grant Park would be around 56 psi to fill the elevated tank, which has an overflow height of 130 ft.

GRANT PARK SERVICE AREA EXPANSION PLAN

PHASE 1 EXPANSION

	AVG. DAY	MAX. DAY	NO. OF CUSTOMERS	STORAGE MG
Diversatech Reservoir				3.000
Grant Park	160,000	380,000	560	0.125
Beecher	247,000	503,000	900	0.850
Momence	834,000	1,400,000	1,275	0.600
Subtotal	1,241,000	2,283,000	2,735	4.575

REMAINING SYSTEM CAPACITIES

ITEM	DESCRIPTION	REMAINING CAP., MGD
1	24" Main - Plant to Wildwood (7,000 ft.)	2.0
2	24" & 20" Mains - Wildwood to North St. (11,500 ft.)	10.0
3	24" Main - North St. to 3 MG Tank (11,000 ft.)	5.0
4	16" Main - 3 MG Tank to Diversatech (32,000 ft.)	2.8
5	16" Main - Diversatech to Grant Park (51,000 ft.)	3.5
6	Bradley/Bourbonnais Booster Sta.	2.0

PHASE 2 EXPANSION

	AVG. DAY	MAX. DAY		
University Park	1,100,000	1,900,000 *	1,750	3.300
Monee	197,000	520,000	1,279	0.050
Crete	636,000	1,600,000	2,800	0.950
Village Woods	33,000	66,000	79	
Dixie Dells	40,000	80,000	155	
Subtotal	2,006,000	4,166,000	6,063	4.300
Grand Total	3,247,000	6,449,000	8,798	8.875

*Max. Day without power plants - 3,643,000 with power plants

WD 1.09-6

WD 1.09-

16" Main Capacity is estimated
at 3.5 MGD Based on 3'/1000' loss
in head

16" Capacity	3.50 MGD
Grant Park Max Day	0.48 MGD
Remaining Capacity	3.02 MGD

Maximum day rate: Avg day rate
using Grant Park data = 2.5

Household (single family residential)
max day usage:

$$3.5 \text{ PE} \times 50 \text{ gpd/PE} \times 2.5 \text{ Max/Avg.} \\ = 438 \text{ gpd/household}$$

$$3,020,000 \text{ gpd} \div 438 \text{ gpd/house} \\ = 6,895 \text{ households}$$

WD 1.09

20" main capacity is estimated
at 6.5 MGD. Based on 3'/1000' loss
in head:

20" capacity	6.50 MGD
Grant Park Max Day	0.48 MGD
Remaining Capacity	6.02 MGD

$$6,020,000 \text{ gpd} \div 438 \text{ gpd/house} \\ = 13,744 \text{ households}$$

ILLINOIS COMMERCE COMMISSION**DOCKET NO. 02-0480****RESPONSE OF CONSUMERS ILLINOIS WATER COMPANY****TO ICC DATA REQUEST NO. WD 1.11**

Witness Responsible: Thomas J. Bunosky
Company: Consumers Illinois Water Company
Job Title: Vice President
Phone Number: 815-935-8800 Ext. 530

WD 1.11 On page 4 of Mr. Bunosky's Draft Testimony (line 89), please describe what CIWC considers to be undersized mains. Does Grant Park or the Growth/Housekeeping areas currently provide fire protection to its customers and/or residents. If so, provide the fire protection rate currently being charged by Grant Park and Growth/Housekeeping Area to their customers.

RESPONSE: Undersized mains would be those which provide inadequate flow and pressure for either fire protection or normal usage. In the case of fire protection mains should not be less than 6 in. diameter. This is a requirement of the Illinois Environmental Protection Agency. If a fire hydrant is on the end of a dead end main exceeding 300 ft. in length the main size should be a minimum of 8 in. This is a requirement of the National Fire Protection Association. Mains may also be undersized due to the length of the main and the number of customers on the main. A hydraulic study would be needed to determine the minimum main size in these situations.

Grant Park and the Growth/Housekeeping Areas provide fire protection to their respective customers and/or residents. Fire protection in the Growth/Housekeeping Area is limited to where the water mains have already been extended. Grant Park does not have a fire protection rate. The fire protection rate for the Growth/Housekeeping Area is the same as for the Kankakee Division system. The one customer in the Growth/Housekeeping Area is being charged the following:

- A Public Fire Protection Charge of \$12.50 per month for a 2" Meter
- A Public Fire Protection Charge of \$6.25 per month for a 1" Meter
- A Fire Service Charge of \$36.00 per month for an 8" Fire Service
- A Private Hydrant Charge of \$47.40 per month for 3 Fire Hydrants

ILLINOIS COMMERCE COMMISSION

DOCKET NO. 02-0480

RESPONSE OF CONSUMERS ILLINOIS WATER COMPANY

TO ICC DATA REQUEST NO. WD 1.12

Witness Responsible: Thomas J. Bunosky
Company: Consumers Illinois Water Company
Job Title: Vice President
Phone Number: 815-935-8800 Ext. 530

WD 1.12 On page 4 of Mr. Bunosky's Draft Testimony (line 92 and 93), Mr. Bunosky indicates that the System at times violates the established maximum containments levels for iron and arsenic. Please provide the periods that the violations have occurred for 1998 through July 2002.

RESPONSE: Please refer to Table 2 for a Summary of Analyses.

Table 2: Village of Grant - Summary of Analyses					
Docket No. 02-0480					
Response to Data Request WD-1.12					
Tap 1 - Well 3			Tap 2 - Well 4		
Date	Arsenic	Iron, Total	Date	Arsenic	Iron, Total
1/19/1999		2,300	1/19/1999		2,400
9/28/1999		1,200	7/26/1999		3,200
1/4/2000		1,600	9/28/1999		2,700
3/16/2000		2,600	1/4/2000		5,200
10/2/2000		1,600	3/17/2000		1,500
11/23/2000	9.2		7/20/2000		2,800
1/3/2001		1,300	10/3/2000		3,400
3/26/2001		1,600	11/23/2000	13.0	
10/11/2001		1,900	1/2/2001		2,500
1/2/2002		1,200	4/6/2001		2,100
3/25/2002		1,600	7/16/2001	31.0	9,200
7/25/2002	9.0	2,100	1/2/2002	20.0	5,000
			3/25/2002	0.5K	660
			7/25/2002	19.0	7,600
<i>Information prior to 1999 is not readily available per Mike Johnson, Director of Public Works</i>					
<i>All values reported as microgram per Liter (ug/L), or parts per billion</i>					
<i>K denotes less than value</i>					

ILLINOIS COMMERCE COMMISSION

DOCKET NO. 02-0480

**RESPONSE OF CONSUMERS ILLINOIS WATER COMPANY
TO ICC DATA REQUEST NO. WD 1.15**

Witness Responsible: Thomas J. Bunosky
Company: Consumers Illinois Water Company
Job Title: Vice President
Phone Number: 815-935-8800 Ext. 530

WD 1.15 If additional modification will be needed to meet the additional demand load for service to Grant Park and Growth/Housekeeping Areas, provide the breakdown of the modification and cost of these facilities, along with operating expenses, to CIWC.

RESPONSE: No additional modifications will be needed to meet the additional demand load for service to Grant Park and the Growth/Housekeeping Areas.