Howard Co.

STATE OF IOWA

THOMAS J. VILSACK
GOVERNOR

SALLY J. PEDERSON
LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
PAUL W. JOHNSON, DIRECTOR

Lime Springs
opposite bank of river
from Lidtke Mill
(Mill st.

Park itself

to the west.
NE corner of
park

Lidtke Park
April 5, 2000

Howard County Conservation
~~437 N Elm~~ → % Harold Chapman
Cresco, IA 52136 11562 Valley Ave.
PO. Box 157

ATTENTION: Harold Chapman, Director

RE: Water Compliance Inspection
Lidtke Park, PWSID #4515901

We have enclosed the inspection report prepared by our Field Office Staff.

You will find the inspection report self-explanatory. We encourage you to make every effort to comply with the recommendations.

Thank you for your cooperation. If you have questions about the report, please contact this Field Office.

Sincerely,

sent map 7/31/01

well #54371 T100N R12W S.20 ADDD
1205' elev. 10' CI LEVEL
Lime Springs QUAD
no geosam

ENVIRONMENTAL PROTECTION DIVISION

Ron Stellick

Ron Stellick
Environmental Specialist

c: Water Supply Section - DNR - Des Moines
Paul Van Dorpe - Geological Survey Bureau - 123 N. Capitol - Iowa City 52242

IOWA DEPARTMENT OF NATURAL RESOURCES
WATER SUPPLY SANITARY SURVEY

PWSID #4515901

FACILITY	NAME: Lidtke Park		PLANT GRADE: N/A	SERVICE TYPE: TNC	
	RESPONSIBLE AUTHORITY: Howard County Conservation %Harold Chapman, Director				
	ADDRESS: 137 N Elm	CITY: Cresco	STATE: Iowa	ZIP: 52136	PHONE: 319/547-3634

SURVEY	DATE THIS SURVEY: 03-14-00	DATE LAST SURVEY:	PURPOSE: General Compliance Inspection

RESPONSIBLE OPERATOR	NAME:	GRADE:	CERTIFICATION #:

PERSONS INTERVIEWED	NAME: Harold Chapman	TITLE: Director

CONSUMPTION	Average GPD: pumpage information not	Maximum GPD: available	POPULATION:	PE @ 100 GPCD

ASSESSMENTS	VULNERABILITY: ☐ On File ☐ Update Attached	INFLUENCED GROUNDWATER: ☐ On File ☒ Update Attached

AUTHENTI-CATION	INSPECTOR: Shelli J Grapp *Shelli J Grapp*	DATE 4-5-00	REVIEWER: Ron Stellick *Ron Stellick*	DATE 4-5-00

Were deficiencies noted or significant observations made during this inspection?
Yes - See Comments Section, No - no deficiencies noted, Blank - not applicable or observed

Yes	No	Item
		1. SOURCE
☐	☒	a. Location & Vulnerability Assessment
☐	☒	b. Sanitation & Construction
☐	☒	c. Operation & Maintenance
☐	☒	d. Capacity
☒	☐	e. SWTR/SW, GW, IGW Assessment
		2. TREATMENT
☐	☐	a. Location
☒	☐	b. Sanitation & Construction
☐	☐	c. Operation & Maintenance
☐	☐	d. Capacity
		3. PLANT STORAGE
☐	☐	a. Location
☐	☐	b. Sanitation & Construction
☐	☐	c. Operation & Maintenance
☐	☐	d. Capacity
		4. DISTRIBUTION STORAGE
☐	☒	a. Location
☐	☒	b. Sanitation & Construction
☐	☒	c. Operation & Maintenance
☐	☒	d. Capacity
		5. PUMPING STATION
☐	☐	a. Location
☐	☐	b. Sanitation & Construction
☐	☐	c. Operation & Maintenance
☐	☐	d. Capacity

Yes	No	Item
		6. DISTRIBUTION SYSTEM
☐	☒	a. Sanitation & Construction
☐	☒	b. Operation & Maintenance
☐	☒	c. Flow Capacity & System Pressure
☐	☐	d. Asbestos Piping
		7. BACTERIOLOGICAL MONITORING
☐	☐	a. Sampling Plan Compliance
☐	☐	b. Bacterial Quality
☐	☐	c. Disinfectant Residual
☐	☒	d. Sanitary Hazard
		8. CHEMICAL QUALITY
☐	☒	a. Raw Water Sources
☐	☒	b. Finished Water
		9. OPERATION
☒	☐	a. Testing
☐	☐	b. Operation Reports
		10. STAFFING & OPERATOR CERTIFICATION
☐	☐	a. Operator, Direct Responsibility
☐	☐	b. Shift Operators
☐	☐	c. General Staffing
		11. MISCELLANEOUS
☐	☒	a. Permits
☒	☐	b. Source/Entry Point
☐	☐	c. Emergency Operation
☐	☐	d. Lead & Copper
☐	☐	e. Previously Noted Deficiencies

FACILITY DESCRIPTION

Water for this supply is derived from one well, Well #1. There is no construction information available for Well #1. Shallow well criteria were used for this inspection. There is no continuous water treatment. Pressure for the distribution system is maintained by a 29.5 gallon pressure tank.

FACILITY EVALUATION

1.e. Source (Influenced Groundwater Determination)
The well is further than 50 feet from a surface water. There is no information indicating that the well does not meet this department's well construction and water quality criteria (regarding the influenced groundwater determination). Therefore, this groundwater source is not considered to be directly influenced by surface water at this time.

2.b. Treatment (Sanitation & Construction)
It is and has been the policy of this department to recommend continuous chlorination of all public water supplies. Chlorination will serve to protect the distribution and storage system against bacterial contamination that may gain entrance to the water system through deficiencies such as cracked or broken mains, unknown cross-connections, inadequate vent covers, etc. Therefore, it is recommended that continuous chlorination of the water supply be considered. You must contact DNR for proper permit procedures before modifying your system.

9.a. Operation(Testing)
This facility's operation permit requires that the first round of compliance sampling (coliform bacteria, nitrate, and nitrite) for this facility be collected by June 30, 2000.

11.b. S/EP Determination
During this survey, it was determined that this supply has only one source entry point (S/EP) to the distribution system. It is numbered S/EP #01; is described as Hydrant Near Well, #1; and is representative of the water from Well #1.

SUMMARY

Determinations:

1. It was determined during this survey that this groundwater source is not directly influenced by surface water.

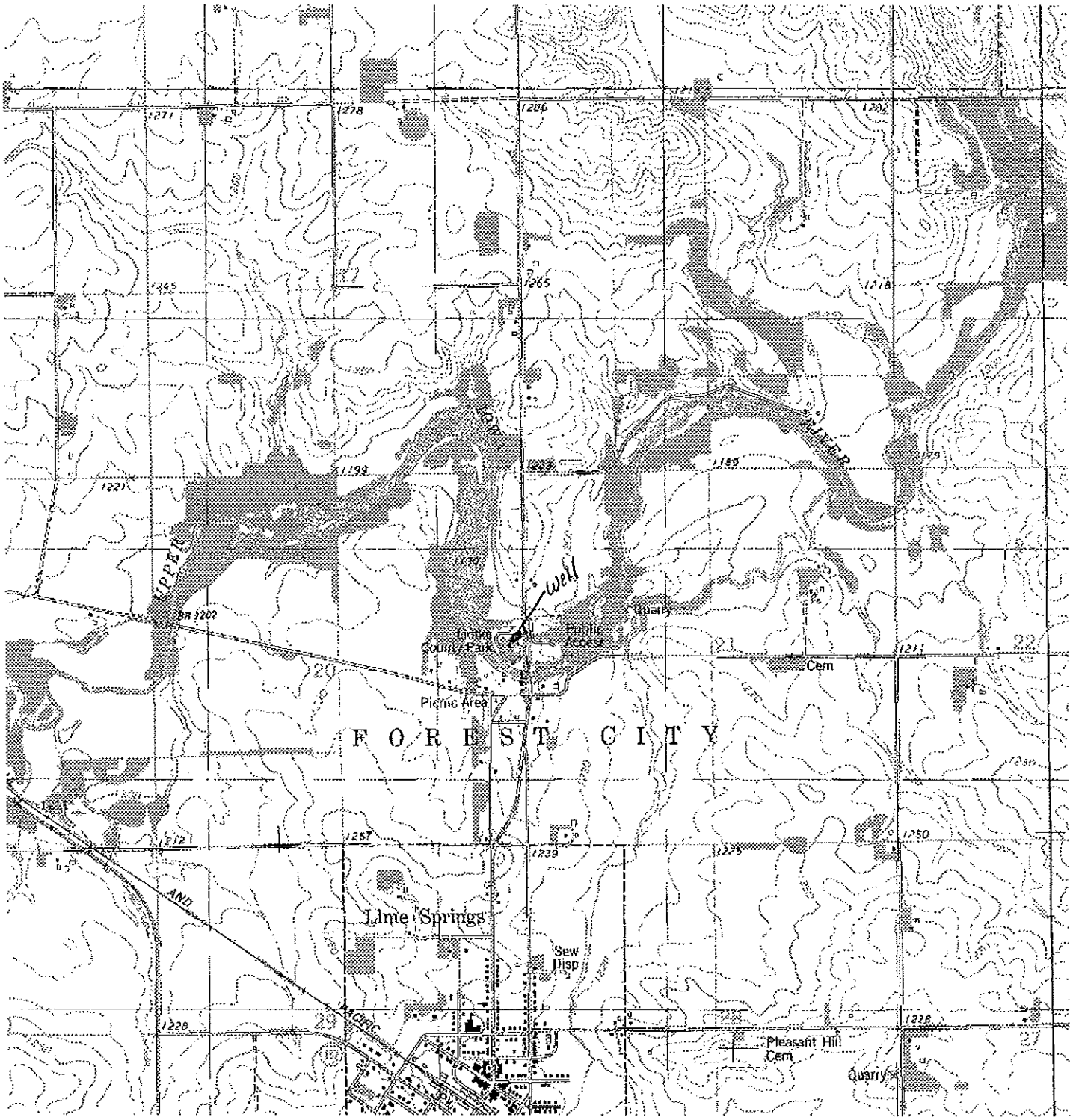
Requirements:

1. Collect and submit water samples at the required frequency.

Recommendations:

1. Consider continuous chlorination.

Lidtke Park
Public Wells



2000 0 2000 4000 Feet

N
W E
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