



**MINNESOTA DEPARTMENT OF HEALTH**  
**Section of Drinking Water Protection**  
**Sanitary Survey Report**



System Name: **Spring Lake Park**  
PWSID: **1020029**  
System Contact: **Terry Randall, Public Works Director**

Survey Date: **11/05/2020**  
Surveyor: **Brian A. Noma, P.E.**  
PWS Type: **Community**

**Requirements and Recommendations**

**Water Source**

As a reminder, it is required that a well for a community public water supply be located according to distances specified in Minn.Rules 4725.4450, including not less than 50 feet from a source of contamination including buried sewers (except as specified in Minn. Rules 4725.5850).

**Pumps/Pump Facilities and Controls**

No deficiencies observed.

**Treatment**

The exhaust fan in the gas chlorine room shall be activated when either the light switch near the door is switched to the "on" position, or when the door switch is activated. The exhaust fan in the gas chlorine storage room at the Arthur Street treatment plant was not operational during the inspection. This must be corrected immediately.

**Water Storage**

No deficiencies observed.

**Distribution**

It is recommended that dead ends in the distribution system be minimized by looping. If looping is not feasible, a fire hydrant, approved flushing hydrant or blow off for flushing purposes must be used at the dead ends to maintain water quality and/or chlorine residual. [Recommended Standards for Water Works 8.0]

**Monitoring/Reporting Data Verification**

The following applicable records are required to be maintained by the water supply system:

- a. Coliform bacteria results - 5 years
  - b. Chlorine residual results - 5 years
  - c. Chemical results - 10 years
  - d. Sanitary survey reports - 10 years
  - e. All lead and copper materials - 12 years
  - f. Consumer confidence reports - 3 years
  - g. Public Notices - 3 years
  - h. Fluoride quarterly results and monthly reports - 1 year
  - i. Turbidity results - 3 years
- [Minn. Rules 4720.0350]



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**Water System Management/Operation**

As a reminder, engineering plans for new, modifications to, or additions to the water supply system, including watermains, are required to be properly submitted to the Minnesota Department of Health for review. All plans must be approved prior to the start of construction. [Minn. Rules 4720.0010]

It is required that all testable backflow prevention devices be tested annually. The device must be tagged with the date of inspection and signed by the certified inspector. This shall include the reduced pressure zone type backflow preventers to the backwash tank wash down systems and to the chemical mixing systems at both treatment plants, and the pressure vacuum breakers serving the irrigation systems at well houses #4 & #5. The current tags indicate that the devices were last tested in 2018.

To ensure security, it is recommended that a daily check of critical system components be conducted, including confirmation that all doors and access hatches are locked.

**Operator Compliance with State Requirements**

The certified operators are required to qualify themselves by attending waterworks operators training seminars offered throughout the state. Continuing education is valuable experience for anyone engaged in this field. The required contact hours in the previous 3 years for certification renewal are:

Class A 32 contact hours

Class B 24 contact hours

Class C 16 contact hours

Class D 8 contact hours

Class E 4 contact hours

[Minn. Rules 9400.1200]



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**Bacteriological Results and Chlorine Residuals**

<u>Date</u>	<u>Sampling Location</u>	<u>Chlorine Residual</u> <u>Free / Total</u>	<u>Coliform</u> <u>Bacteria</u>	<u>E.Coli</u>
11/05/2020	WELL 5	/	Absent	
11/05/2020	WELL 1	/	Absent	
11/05/2020	HOLIDAY	/ 0.80	Absent	
11/05/2020	LYONS DEN	/ 0.32	Absent	
11/05/2020	CITY HALL	/ 0.35	Absent	