

**APPENDIX F**  
**Coliform Monitoring Plan**

COLIFORM MONITORING PLAN 82300R  
SYSTEM INFORMATION

NAME: TOWN OF SOUTH PRAIRIE  
PWS ID #: 82300R  
COUNTY: PIERCE

SOURCE #: S01 WELL # 1 130 ft Deep  
Location: SE/NW 18 19N 06E

S02 WELL # 2 425 ft DEEP  
Location: SE/NW 18 19N 06E

STORAGE: TWO TANKS of 100,000 Gallons Each  
Total of 200,000 Gallons

One Pressure Zone no other stations

TREATMENT: At each well liquid Sodium Hypochlorate for disinfection

TOTAL POPULATION: 383 NON RESIDENTS 182  
SERVICE CONNECTIONS: 135 NON RESIDENTIAL 16

Water is gravity fed from two (2) side by side storage tanks with essentially one pressure zone. 565 population is served by 151 connections from a single pressure zone.

SAMPLING INFORMATION

ROUTINE SAMPLES REQUIRED: ONE (1) Sample required per month from drinking water regulations Table 2.

SAMPLE COLLECTION SCHEDULING:

Since only one sample per month is required we usually collect the sample on first Wednesday of the Month to allow time if resampling is required.

### ROUTINE SAMPLING SITES:

We selected three (3) routine Sampling sites in the distribution system as shown in the schematic location. These three (3) sites plus the First Service have a KUPFERLE # 93-WM Sampling station in the water Meter Box.

Station #1 - 606 Tubbs Rd.  
 Station #2 - 318 SW First St.  
 Station #3 - 25014 South Prairie Rd. E.  
 First Service - 726 Carriage Rd.

### ROTATION :

Since we are only required to sample once per month, we will rotate our sampling sites according to the schedule below.

### SAMPLE SITE

#1		#2	#3
NOVEMBER	/	DECEMBER	/ JANUARY
FEBRUARY	/	MARCH	/ APRIL
MAY	/	JUNE	/ JULY
AUGUST	/	SEPTEMBER	/ OCTOBER

### REPEAT MONITORING SITES :

We are required to take four (4) repeat samples after a positive. We will use original site, Upstream, Downstream and First Service Sample Station.

	TYPE	SITE #	LOCATION
	ROUTINE	1 /	<del>510 Carriage Rd</del> <del>606 Tubbs Rd</del>
SAMPLE	REPEAT	Upstream /	610 Tubbs Rd.
SITE	REPEAT	Downstream /	521 Prairie View Rd.
GROUP	REPEAT	First Service /	726 Carriage Rd
	ROUTINE	2 /	318 SW First St.
SAMPLE	REPEAT	Upstream /	310 SW First St.
SITE	REPEAT	Downstream /	221 S.P. Carbon River Rd.
GROUP	REPEAT	First Service /	726 Carriage Rd.
	ROUTINE	3 /	25014 South Prairie Rd. E.
SAMPLE	REPEAT	Upstream /	12701 South Prairie Rd. E
SITE	REPEAT	Downstream /	25027 South Prairie Rd. E.
GROUP	REPEAT	First Service /	726 Carriage Rd.

#### FOLLOWING MONTH ROUTINE MONITORING:

For the five (5) routine Samples that are required after a positive Sample, We will use our three (3) normal sampling sites plus the upstream and the downstream site from a positive site.

#### PLAN PREPARATION INFORMATION

SYSTEM: TOWN OF SOUTH PRAIRIE ID # 82300R

Name of Plan Preparer: Larry Harter  
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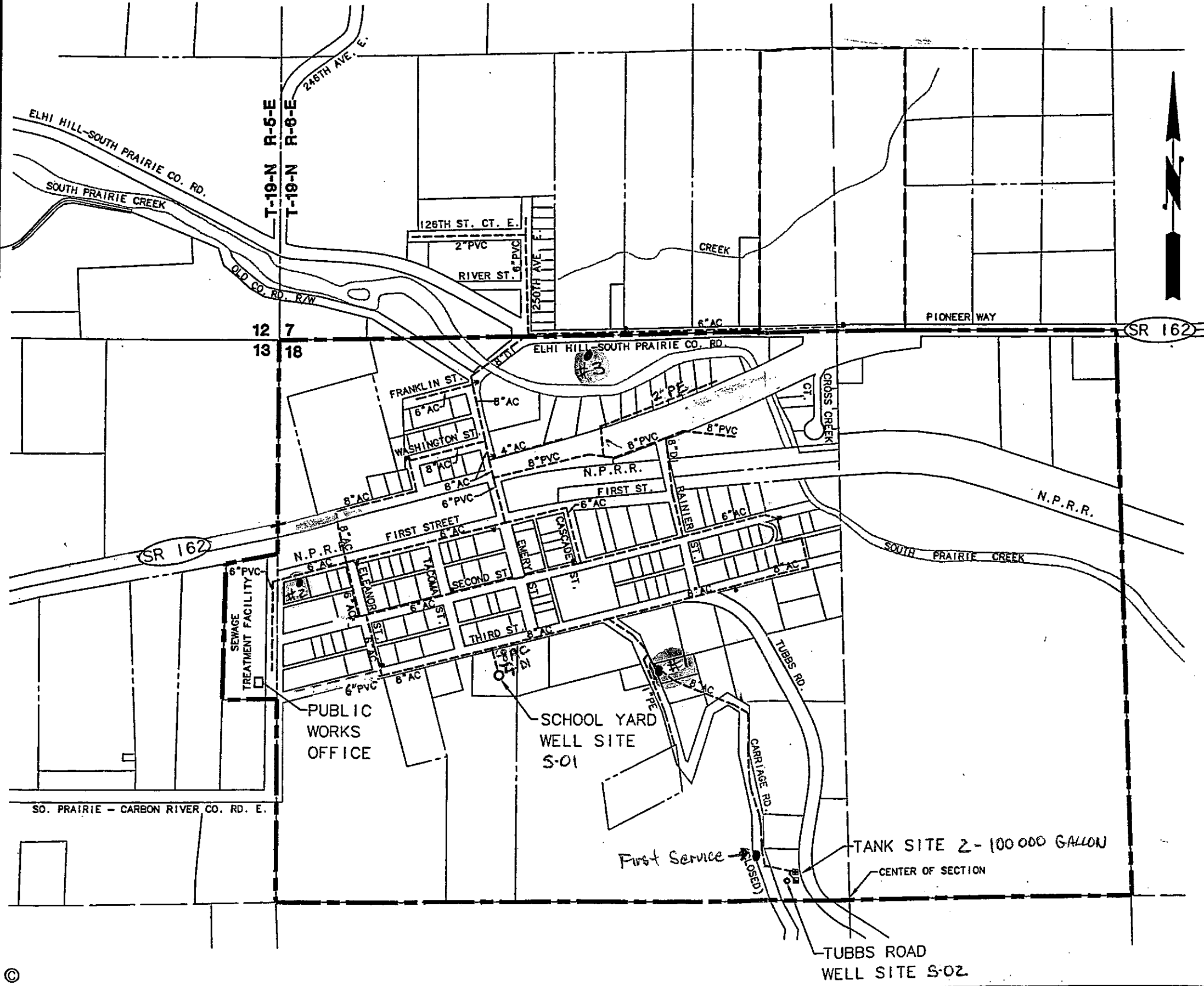
Prepared on : JULY 21, 1997

Updated on:

REVIEWED BY : \_\_\_\_\_

HEDGES & ROTH ENGINEERING, INC. CONSULTING ENGINEERS-PLANNERS-SURVEYORS, 1011 E. MAIN, SUITE 101, PUYALLUP, WA. 98372, (206) 840-9847, 38-001-34, SPEXWAT, 3/5/98

PORTIONS OF SECTIONS 12 & 13, TOWNSHIP 19 NORTH, RANGE 5 EAST, W.M.  
 PORTIONS OF SECTIONS 7 & 18, TOWNSHIP 19 NORTH, RANGE 6 EAST, W.M.



- LEGEND**
- EXISTING TOWN LIMITS
  - - - URBAN GROWTH AREA
  - - - EXISTING WATER
  - \* EXISTING FIRE HYDRANT
  - AC ASBESTOS CEMENT
  - DI DUCTILE IRON
  - PE POLYETHYLENE
  - PVC POLYVINYLCHLORIDE
  - 井 SAMPLING STATIONS

**TOWN OF  
 SOUTH PRAIRIE  
 EXISTING WATER**

SCALE 1"=500'      3/5/98

ID # 82300R