Public Works Department

Surveillance Enforcement and Billing
Sewer Maintenance
1216 W. Nichols
Springfield, MO 65802

Phone: 417/864-1923
Fax: 417/864-1918

CITY of SPRINGFIELD

Date: 5-3-02 Fax #: 1-573-368-2111

To: MDNR/DGLS

From: Gene Pabst

Message: Water Tracing Information

Pages to follow: 3

FOR OFFICE USE ONLY	
INJECTION POINT #	DATE RECEIVED
CHECKED BY	DATE
PLOTTED BY	DATE

MISSOURI DEPARTMENT OF NA. JRAL RESOURCES
DIVISION OF GEOLOGY AND LAND SURVEY, GEOLOGICAL SURVEY PROGRAM

WATER TRACE INFORMATION SHEET
INJECTION POINT

JECTION POINT LOCATION

ECTION POINT DESCRIPTION: 411 N. Sherman Sp'fld MO (Building Sanitary Sewer)
COUNTY: Greene

¼ SECTION	¼ ¼ SECTION	¼ SECTION	SECTION	TOWNSHIP	RANGE	QUADRANGLE NAME
		SE ¼	13	29 N.	22 E/W	

ITTEN LOCATION IF LEGAL DESCRIPTION IS UNAVAILABLE:
PURPOSE OF TRACE:
ELEVATION IN FEET:

PE OF INJECTION POINT
☐ SEPTIC TANK ☐ WELL ☐ LAKE/POND ☐ SINKHOLE ☒ SEWER ☐ LAGOON ☐ STREAM ☐ OTHER Clean Out

OPERTY OWNER'S NAME: City of Springfield
TELEPHONE: 417-864-1923
DRESS: 1216 W. Nichols
CITY: Springfield
STATE: MO
ZIP CODE: 65802

EGISTRANT'S INFORMATION

GISTRANT'S NAME AND COMPANY: City of Springfield - Wastewater Operations
TELEPHONE: 417-864-1923
GISTRANT'S ADDRESS: 1216 W. Nichols
CITY: Springfield
STATE: MO
ZIP CODE: 65802

JECTION INFORMATION

	PROPOSED	ACTUAL
ECTION DATE 4-30-02	☐	☒
ACER INJECTED Fluorescein	☐	☒
ACER AMOUNT 1 gal	☐	☒

INJECTION TIME 12:30 A.M. / P.M.
NUMBER OF MONITORING POINTS 1

W CONDITIONS AT INJECTION

Confirming that this building sewer is connected to the sanitary sewer.

LEASE INCLUDE A SKETCH MAP WITH THIS FORM!

sketch map or photocopy of topographic map should contain the following: injection
ves, mines, and roads. Include a scale and north arrow on the sketch map.

MMENTS

4-30-02
435 N. SHERMAN
FRONT CLEANOUT
¼ GAL YEL. 12:30 PM
411 N. SHERMAN
½ GAL YEL. 12:45 PM
2 PINTS BLUE 12:50 PM
435 N. SHERMAN
REAR CLEAN OUT
¼ GAL. YEL. 1:00 PM

HEREBY CERTIFY THAT THE ABOVE INFORMATION IS ACCURATE AND COMP
EGISTRANT'S SIGNATURE: Eugene D. Pabst

MAIL COMPLETED COPY TO: DEPARTMENT OF NATURAL RESOURCES, ENVIRONMENTAL GEOLOGY SECTION, P.O. BOX 250, ROLLA, MO
PHONE: (573) 368-2161 FAX: (573) 368-2111 E-MAIL ADDRESS: gspeg@mail.dnr.state.mo.us

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGY AND LAND SURVEY, GEOLOGICAL SURVEY PROGRAM

WATER TRACE INFORMATION SHEET
MONITORING POINT

MONITORING POINT LOCATION

MONITORING POINT DESCRIPTION						COUNTY
Sanitary Sewer below 411 N. Sherman						
¼ ¼ ¼ SECTION	¼ ¼ SECTION	¼ SECTION	SECTION	TOWNSHIP	RANGE	QUADRANGLE NAME
		SE 1/4	13	29 N.	22 E/W	

WRITTEN LOCATION IF LEGAL DESCRIPTION IS UNAVAILABLE	LATITUDE	LONGITUDE
ACCESS DESCRIPTION	PURPOSE OF TRACE	ELEVATION IN FEET

TYPE OF MONITORING POINT

☐ SEPTIC TANK ☐ WELL ☐ LAKE/POND ☐ SINKHOLE ☒ SEWER ☐ LAGOON ☐ STREAM ☐ OTHER

BACKGROUND FLOW CONDITIONS

PROPERTY OWNER'S NAME		TELEPHONE	
City of Springfield		417-864-1923	
OWNER'S ADDRESS	CITY	STATE	ZIP CODE
1216 N. Nichols	Springfield	MO	65802

REGISTRANT'S INFORMATION

REGISTRANT'S NAME AND COMPANY		TELEPHONE	
City of Springfield			
REGISTRANT'S ADDRESS	CITY	STATE	ZIP CODE
1216 W. Nichols	Springfield	MO	65802

INJECTION INFORMATION

SAMPLE NUMBER	SAMPLER PLACEMENT DATE	SAMPLER PLACEMENT TIME	SAMPLER RECOVERY DATE	SAMPLER RECOVERY TIME	COLLECTED BY	ANALYZED BY	FLUORESCEIN QUANTITY WATER	FLUORESCEIN QUANTITY CARBON	RHODAMINE WT QUANTITY WATER	RHODAMINE WT QUANTITY CARBON	EOSINE QUANTITY WATER	EOSINE QUANTITY CARBON	TINOPAL CBS-X QUANTITY WATER	TINOPAL CBS-X QUANTITY COTTON	TINOPAL CBS-X QUANTITY ELUTED	ANALYSIS METHOD/ FLOW CONDITIONS/ REMARKS
Sanitary Sewer	11/30/02	12:30 P.M.	11/30/02	12:45 P.M.	Fluorscein dye observed in the Sanitary Sewer.											

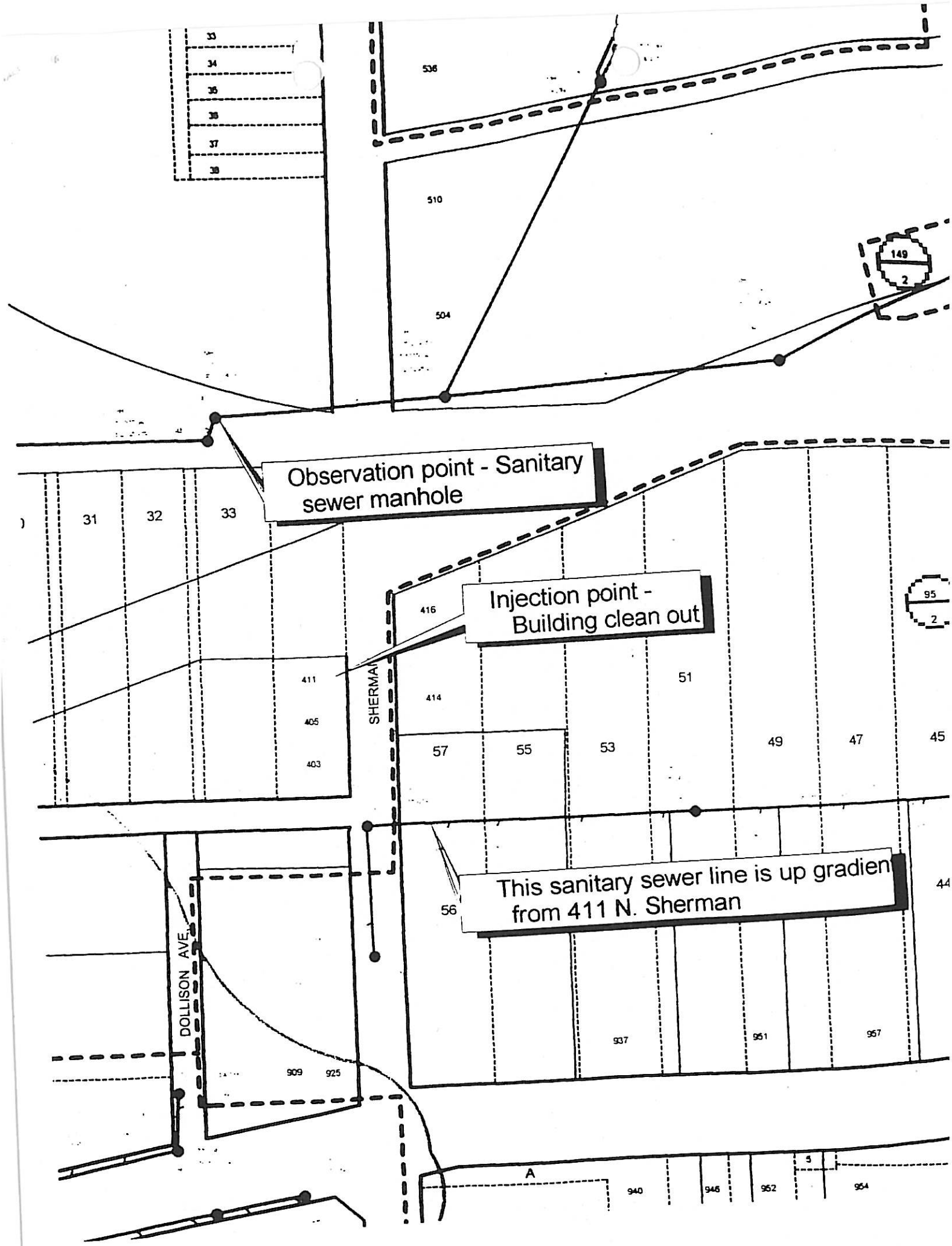
ANALYSIS METHODS: S = SPECTROFLUOROMETER F = FLUOROMETER V = VISUAL O = OTHER
FLOW CONDITIONS: D = DRY P = POOL L = LOW FLOW H = HIGH FLOW N = NORMAL FLOW

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

REGISTRANT'S SIGNATURE	REGISTRATION NUMBER	DATE
Eugene D. Pabst		5-3-02

MO 780-1694 (12-98)

MAIL COMPLETED COPY TO: DEPARTMENT OF NATURAL RESOURCES, ENVIRONMENTAL GEOLOGY SECTION, P.O. BOX 250, ROLLA, MO 65402-0250
PHONE: (573) 368-2161 FAX: (573) 368 2111 E-MAIL ADDRESS: gspeg@mail.dnr.state.mo.us


Observation point - Sanitary sewer manhole
Injection point - Building clean out
This sanitary sewer line is up gradient from 411 N. Sherman
SHERMAN
DOLLISON AVE.
31
32
33
411
405
403
416
414
57
55
53
51
49
47
45
56
937
951
957
909
925
940
946
952
954
510
504
536
149
2
95
2

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WATER TRACE INFORMATION SHEET
MONITORING POINT

MONITORING POINT LOCATION

MONITORING POINT DESCRIPTION: Sanitary Sewer below 411 N. Sherman

COUNTY:

¼ ¼ ¼ SECTION	¼ ¼ SECTION	¼ SECTION	SECTION	TOWNSHIP	RANGE	QUADRANGLE NAME
		SE 1/4	13	29 N.	22 E/W	

WRITTEN LOCATION IF LEGAL DESCRIPTION IS UNAVAILABLE:

LATITUDE:

LONGITUDE:

ACCESS DESCRIPTION:

PURPOSE OF TRACE:

ELEVATION IN FEET:

TYPE OF MONITORING POINT:
☐ SEPTIC TANK ☐ WELL ☐ LAKE/POND ☐ SINKHOLE ☒ SEWER ☐ LAGOON ☐ STREAM ☐ OTHER

BACKGROUND FLOW CONDITIONS:

PROPERTY OWNER'S NAME: City of Springfield

TELEPHONE: 417-864-1923

OWNER'S ADDRESS: 1216 N. Nichols

CITY: Springfield

STATE: MO

ZIP CODE: 65802

REGISTRANT'S INFORMATION

REGISTRANT'S NAME AND COMPANY: City of Springfield

TELEPHONE:

REGISTRANT'S ADDRESS: 1216 W. Nichols

CITY: Springfield

STATE: Mo

ZIP CODE: 65802

INJECTION INFORMATION

SAMPLE NUMBER	SAMPLER PLACEMENT DATE	SAMPLER PLACEMENT TIME	SAMPLER RECOVERY DATE	SAMPLER RECOVERY TIME	COLLECTED BY	ANALYZED BY	FLUORESCEIN QUANTITY WATER	FLUORESCEIN QUANTITY CARBON	RHODAMINE WT QUANTITY WATER	RHODAMINE WT QUANTITY CARBON	EOSINE QUANTITY WATER	EOSINE QUANTITY CARBON	TINOPAL CBS-X QUANTITY WATER	TINOPAL CBS-X QUANTITY COTTON	TINOPAL CBS-X QUANTITY ELUTED	ANALYSIS METHOD/ FLOW CONDITIONS/ REMARKS
Sanitary Sewer	11/30/02	12:30 P.M.	11/30/02	12:45 P.M.	Fluorscein dye observed in the Sanitary Sewer.											

ANALYSIS METHODS: S = SPECTROFLUOROMETER F = FLUOROMETER V = VISUAL O = OTHER
FLOW CONDITIONS: D = DRY P = POOL L = LOW FLOW H = HIGH FLOW N = NORMAL FLOW

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REGISTRANT'S SIGNATURE: Eugene D. Probst

REGISTRATION NUMBER:

DATE: 5-3-02

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ITTEN LOCATION IF LEGAL DESCRIPTION IS UNAVAILABLE | PURPOSE OF TRACE | ELEVATION IN FEET

PE OF INJECTION POINT
☐ SEPTIC TANK ☐ WELL ☐ LAKE/POND ☐ SINKHOLE ☒ SEWER ☐ LAGOON ☐ STREAM ☐ OTHER Clean Out

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ACER AMOUNT 1 gal	☐	☒

INJECTION TIME 12:30 A.M. (P.M.)
NUMBER OF MONITORING POINTS 1

OW CONDITIONS AT INJECTION

Confirming that this building sewer is connected to the sanitary sewer.

LEASE INCLUDE A SKETCH MAP WITH THIS FORM!

sketch map or photocopy of topographic map should contain the following: injection point, monitoring points, all known springs, sinkholes, ves, mines, and roads. Include a scale and north arrow on the sketch map.

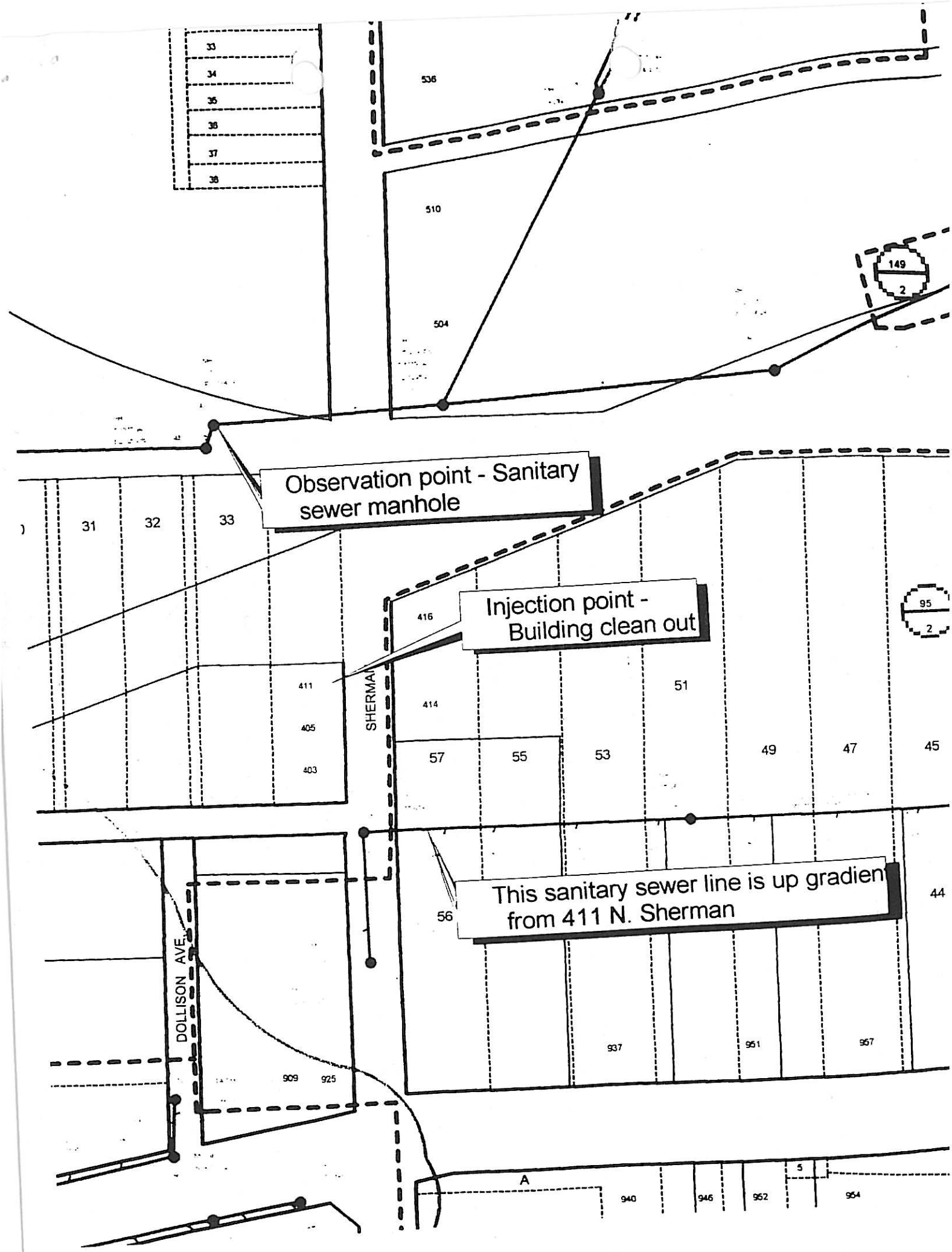
MMENTS

HEREBY CERTIFY THAT THE ABOVE INFORMATION IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

EGISTRANT'S SIGNATURE	REGISTRATION NUMBER	DATE
Eugene D. Pabst		5-3-02

780-1693 (12-98)

MAIL COMPLETED COPY TO: DEPARTMENT OF NATURAL RESOURCES, ENVIRONMENTAL GEOLOGY SECTION, P.O. BOX 250, ROLLA, MO 65402-0250
PHONE: (573) 368-2161 FAX: (573) 368-2111 E-MAIL ADDRESS: gspeg@mail.dnr.state.mo.us


Observation point - Sanitary sewer manhole
Injection point - Building clean out
This sanitary sewer line is up gradient from 411 N. Sherman
SHERMAN
DOLLISON AVE
33
34
35
36
37
38
536
510
504
149
2
31
32
33
416
414
411
405
403
51
95
2
57
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