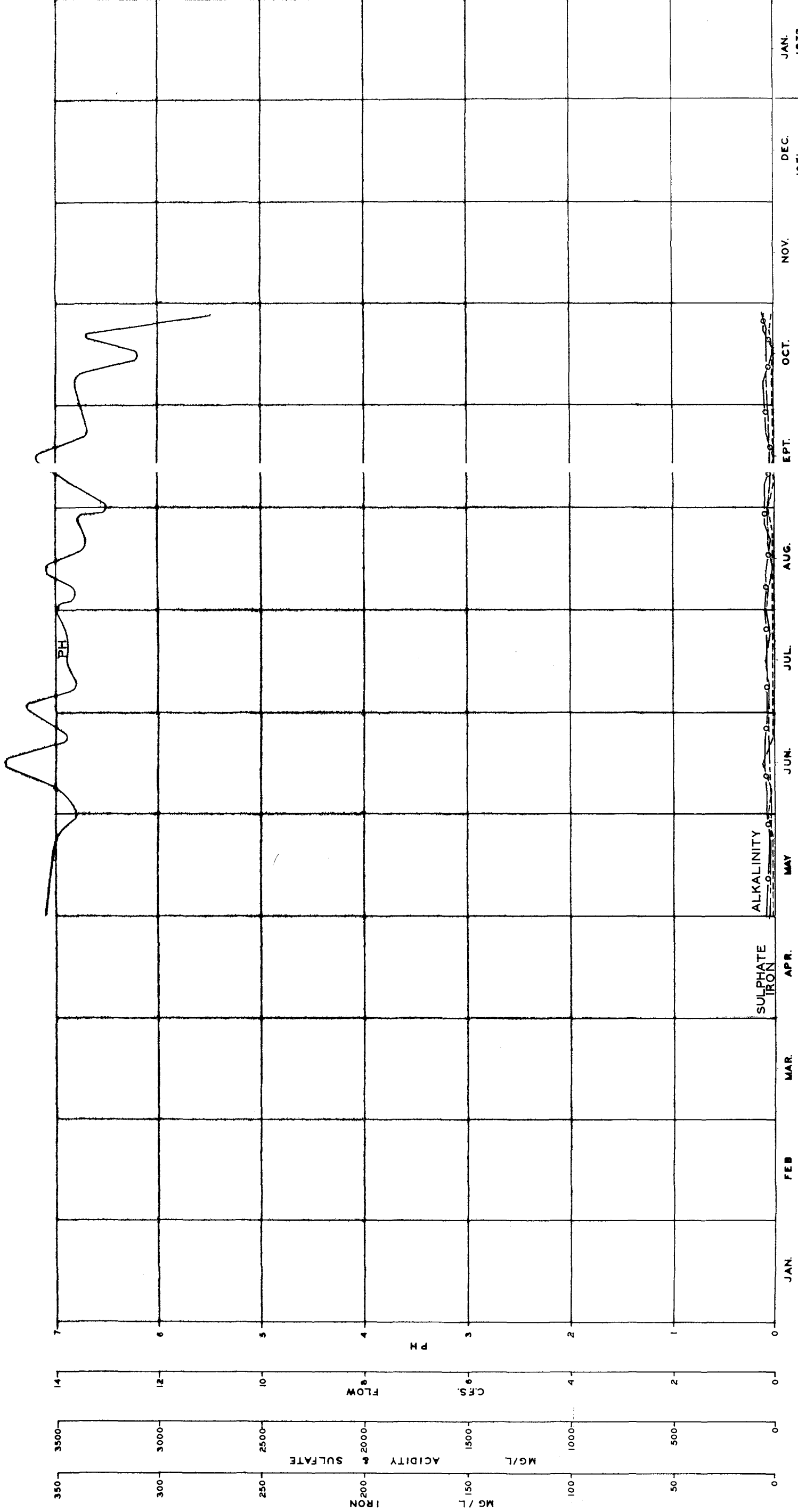


COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.

SAMPLING POINT No 1
 1971

PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS, LAND SURVEYORS
 LANSE, PENNSYLVANIA

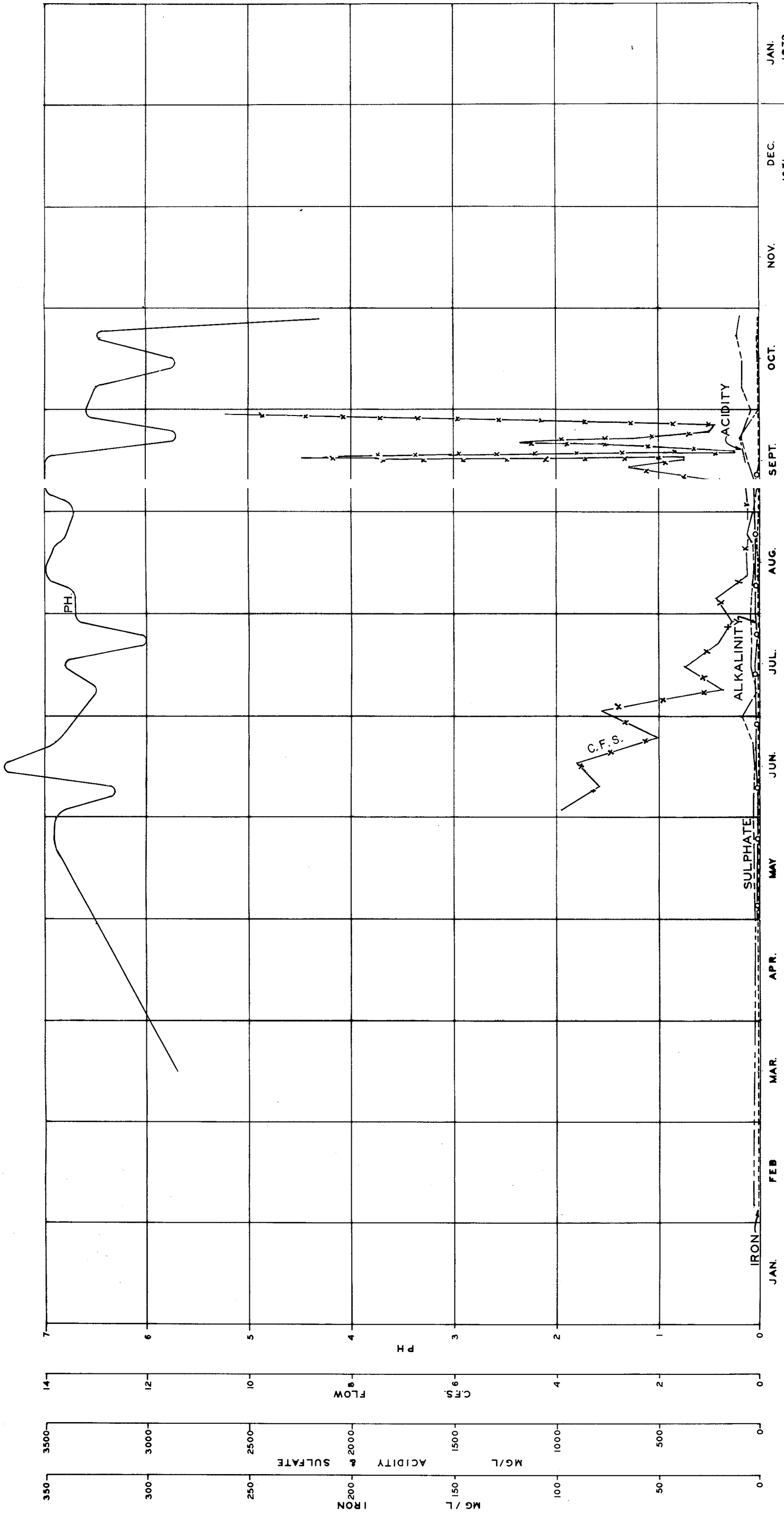


COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.

SAMPLING POINT No 16A

PLANS PREPARED BY
 1971
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 CONSULTING ENGINEERS, LAND SURVEYORS
 LANSE, PENNSYLVANIA

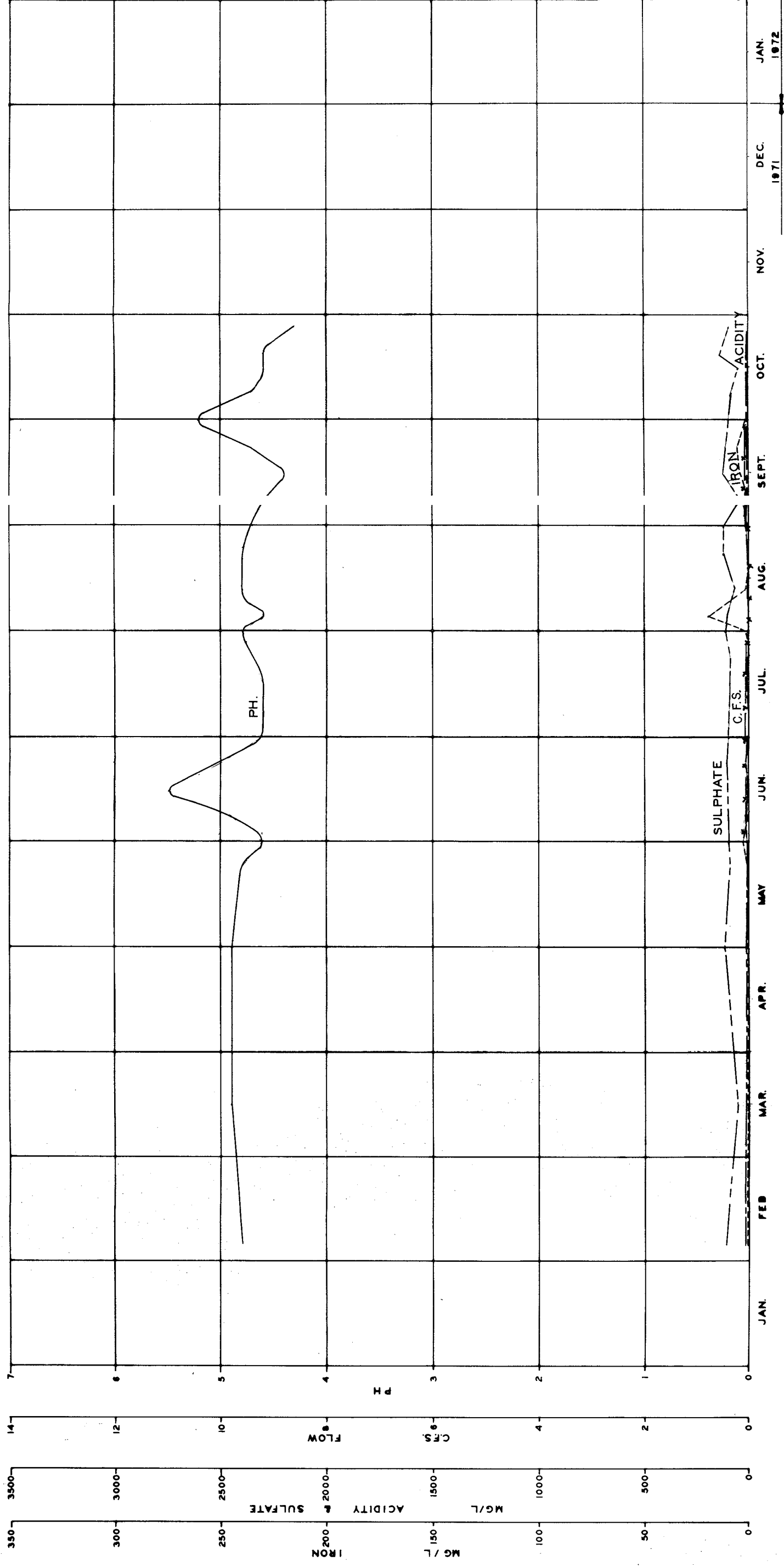


JAN. 1972
 DEC. 1971

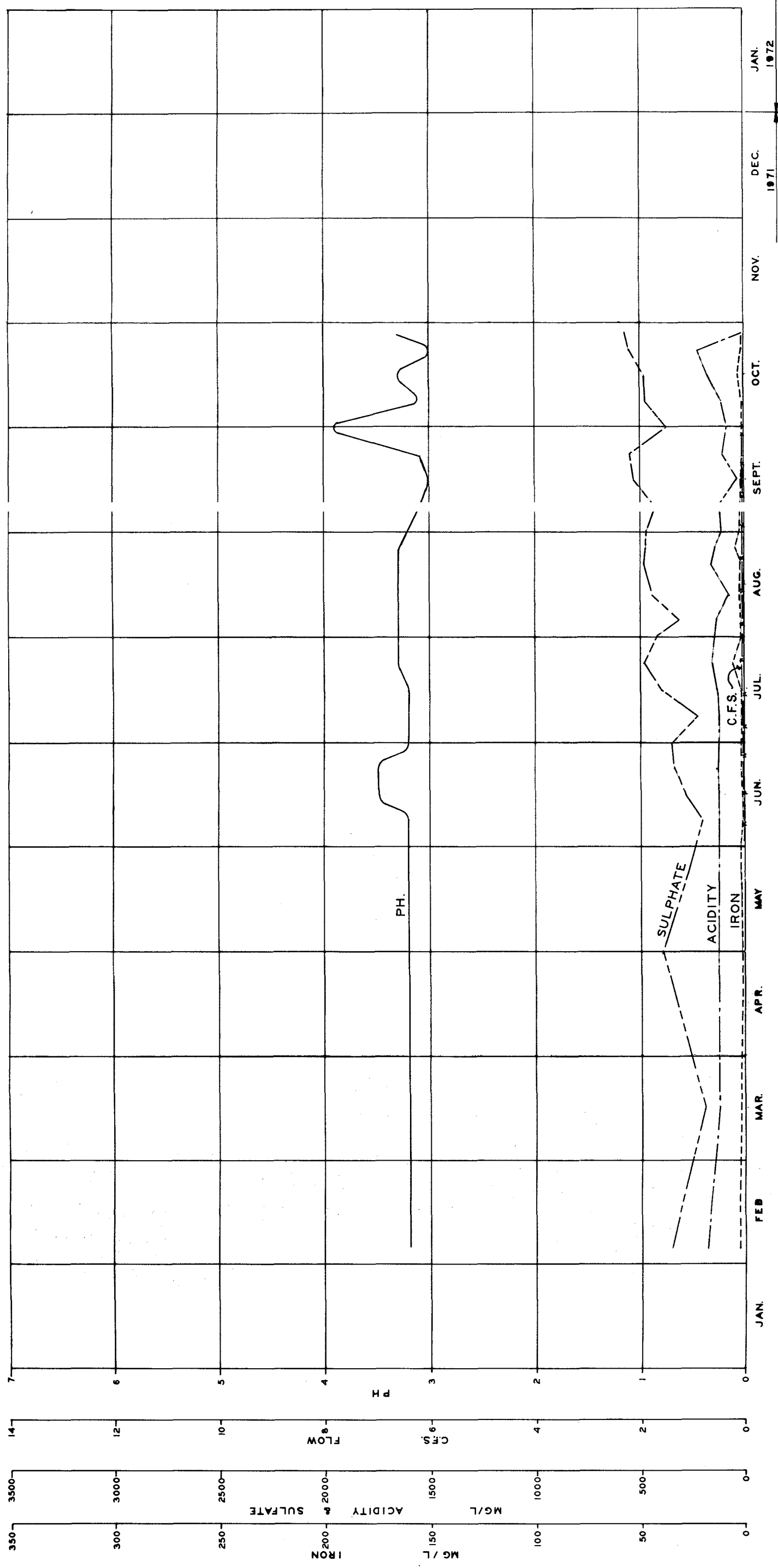
COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-181

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SAMPLING POINT №18A

PLANS PREPARED BY
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COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161
DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SAMPLING POINT No 19
 1971
 PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS LAND SURVEYORS
 LANES, PENNSYLVANIA

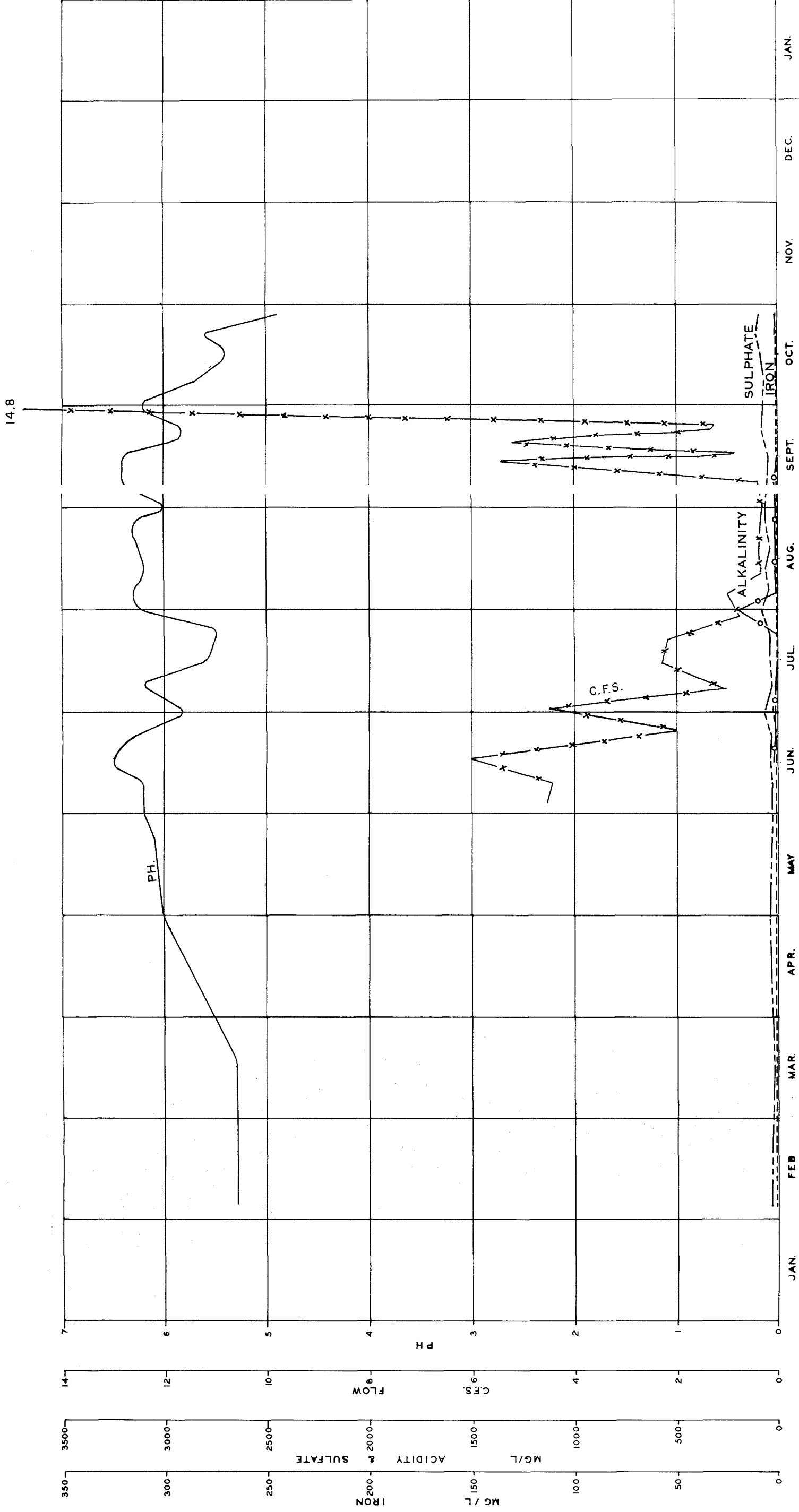


COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS 5L-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.

SAMPLING POINT No 19A

1971
 PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS LAND SURVEYORS
 LANSE, PENNSYLVANIA



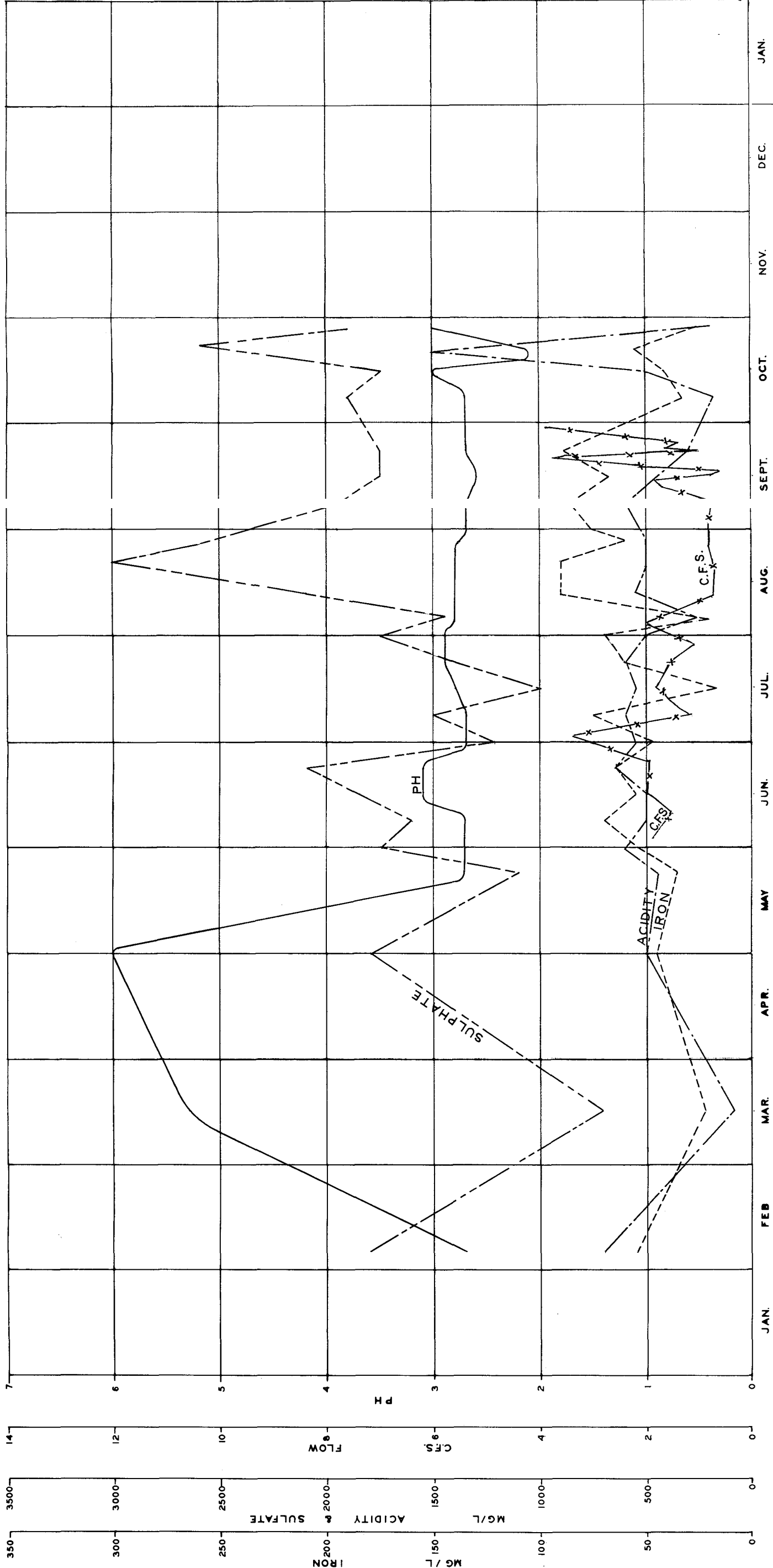
COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.

SAMPLING POINT No 20

PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS AND SURVEYORS
 LANCASTER, PENNSYLVANIA

JAN. 1972
 DEC. 1971
 NOV.
 OCT.
 SEPT.
 AUG.
 JUL.
 JUN.
 MAY
 APR.
 MAR.
 FEB
 JAN.

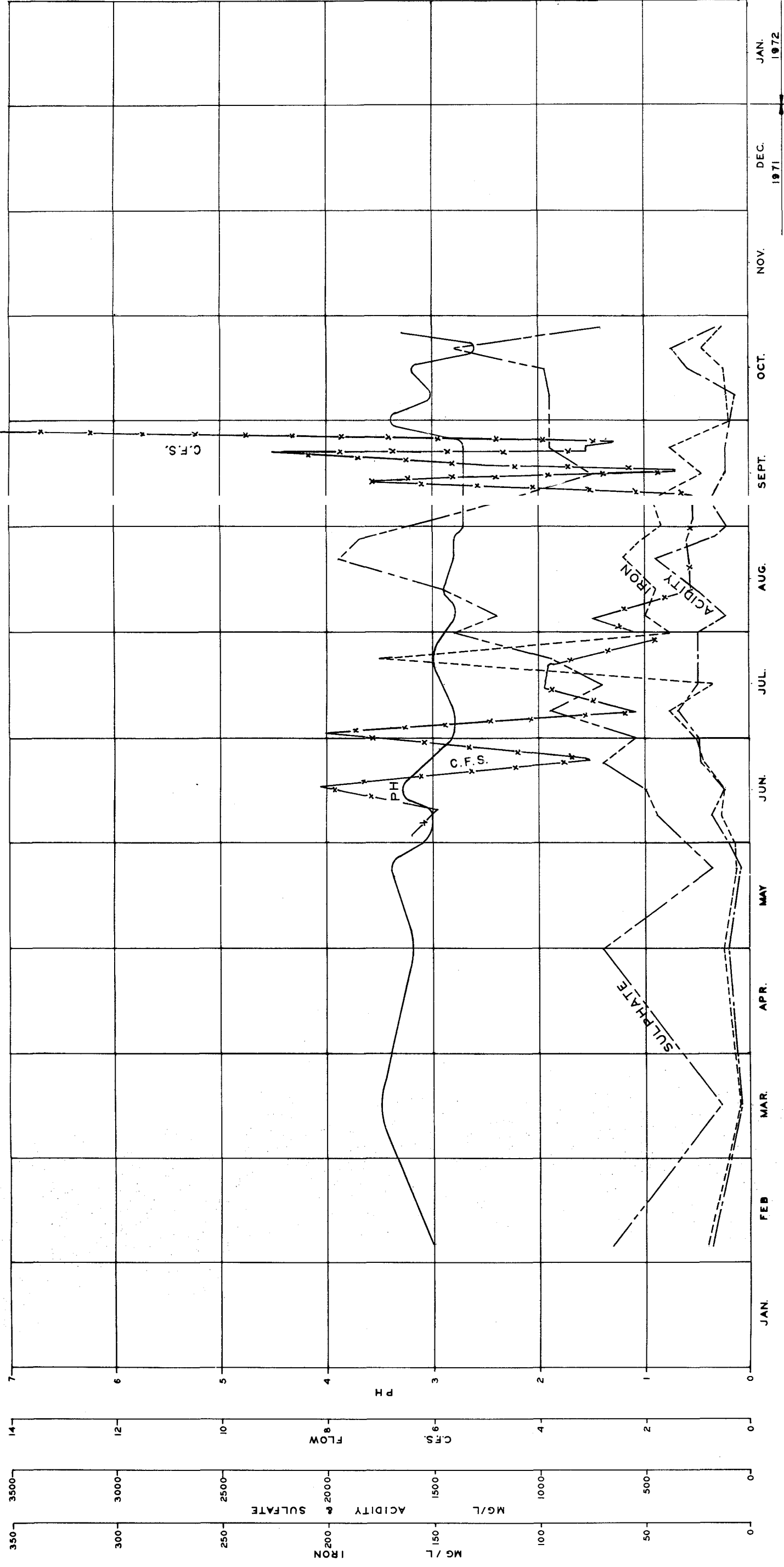


JAN. 1971
DEC. 1971
NOV.
OCT.
SEPT.
AUG.
JUL.
JUN.
MAY
APR.
MAR.
FEB.
JAN. 1972

COMMONWEALTH OF PENNSYLVANIA
DEPT. OF ENVIRONMENTAL RESOURCES
WATERSHED ANALYSIS SL-161
DENTS RUN WATERSHED
ELK & CAMERON COUNTIES, PENNA.
SAMPLING POINT No. 21

1971
PLANS PREPARED BY
CONABLE, SAMPSON, VAN KUREN
HUFFCUT & GERTIS
CONSULTING ENGINEERS LAND SURVEYORS
LANESE, PENNSYLVANIA

18.7



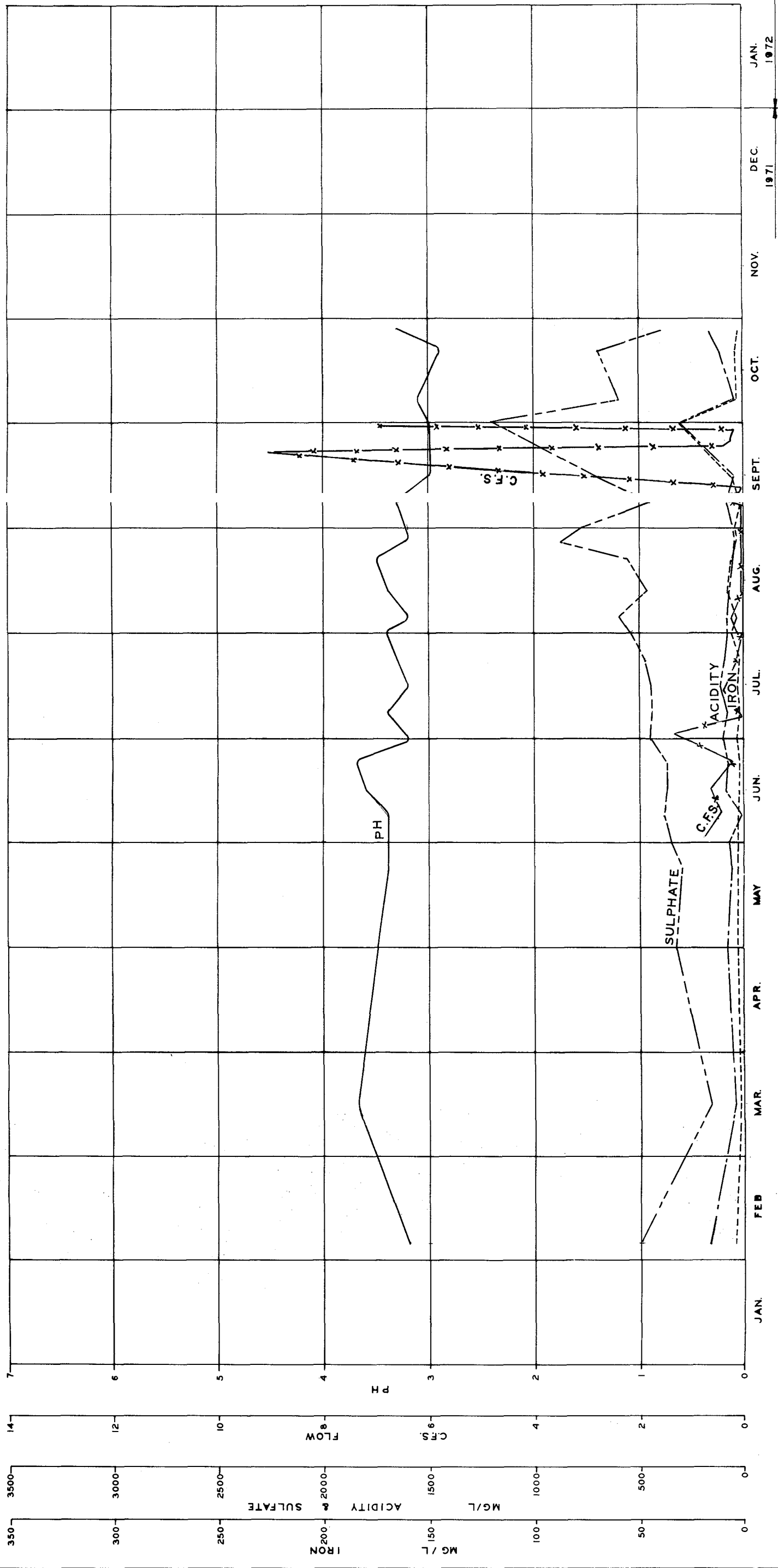
JAN. 1971
DEC. 1971
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MAY
APR.
MAR.
FEB.
JAN. 1972

COMMONWEALTH OF PENNSYLVANIA
DEPT. OF ENVIRONMENTAL RESOURCES
WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED

ELK & CAMERON COUNTIES, PENNA.
SAMPLING POINT N#22

PLANS PREPARED BY
1971
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CONSULTING ENGINEERS LAND SURVEYORS
LANESE, PENNSYLVANIA



COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

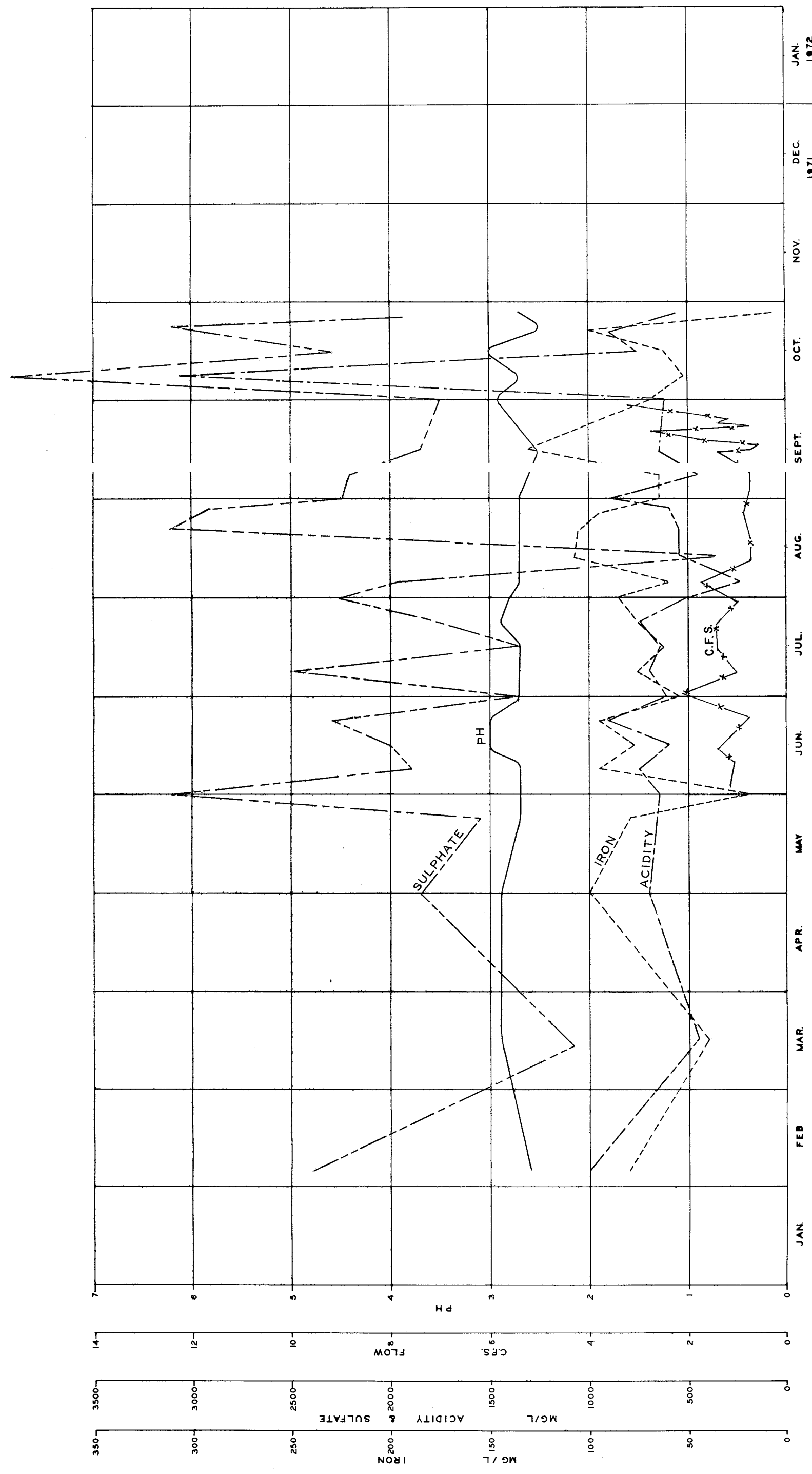
DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SAMPLING POINT No 23

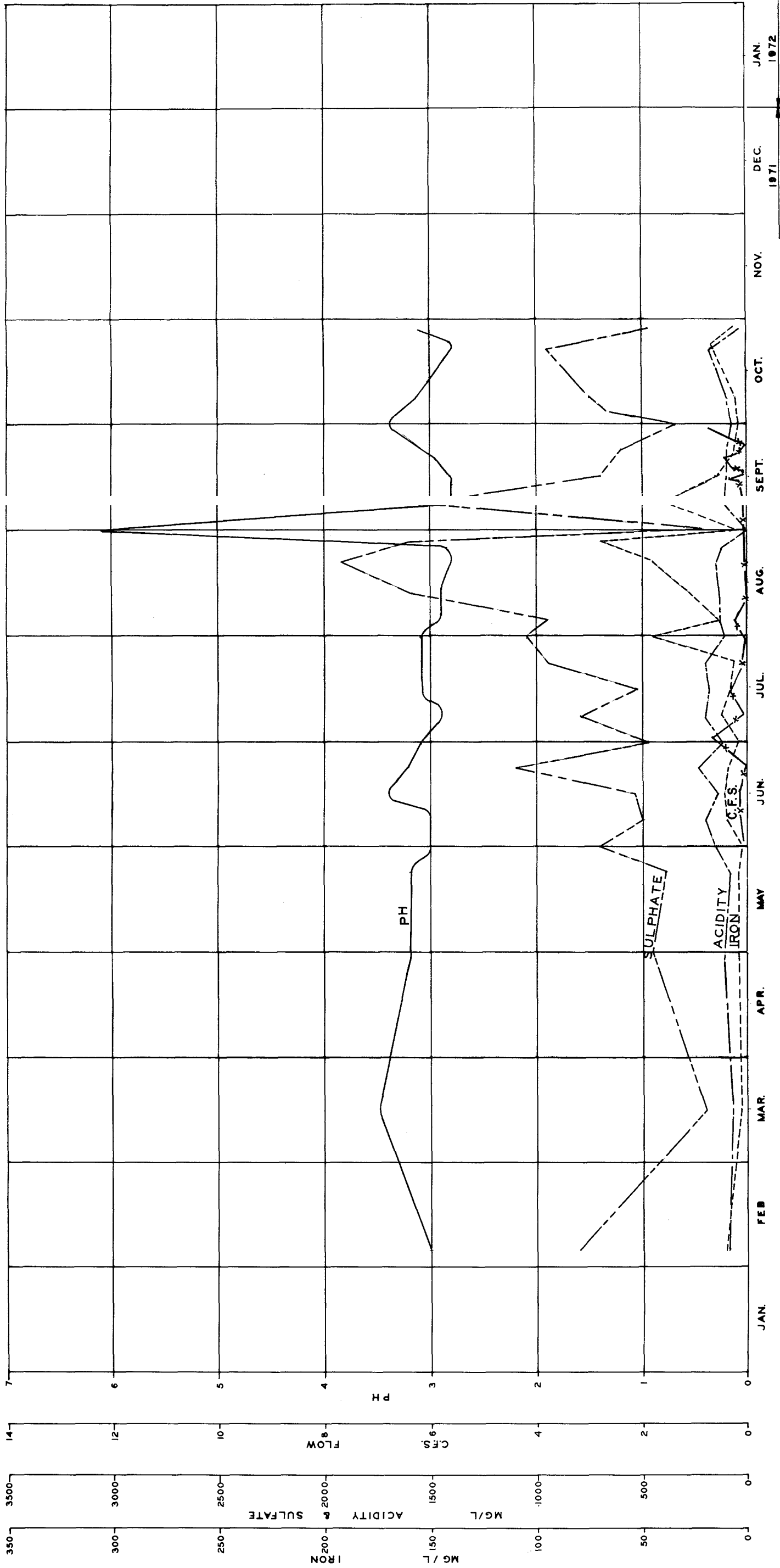
1971
 PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS, LAND SURVEYORS
 LANSE, PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SAMPLING POINT No 24

PLANS PREPARED BY
 COVILLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS LAND SURVEYORS
 LANESVILLE, PENNSYLVANIA

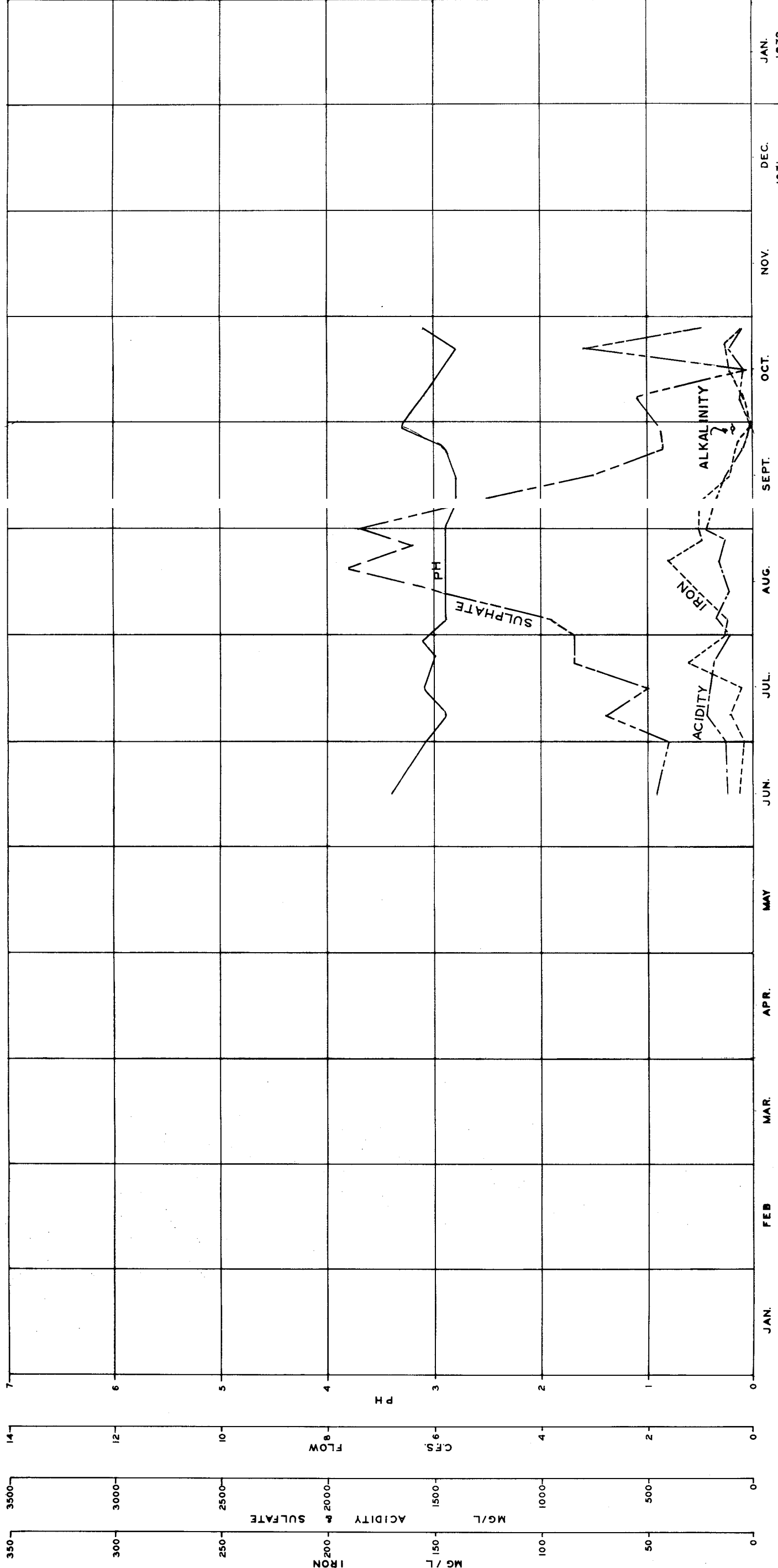




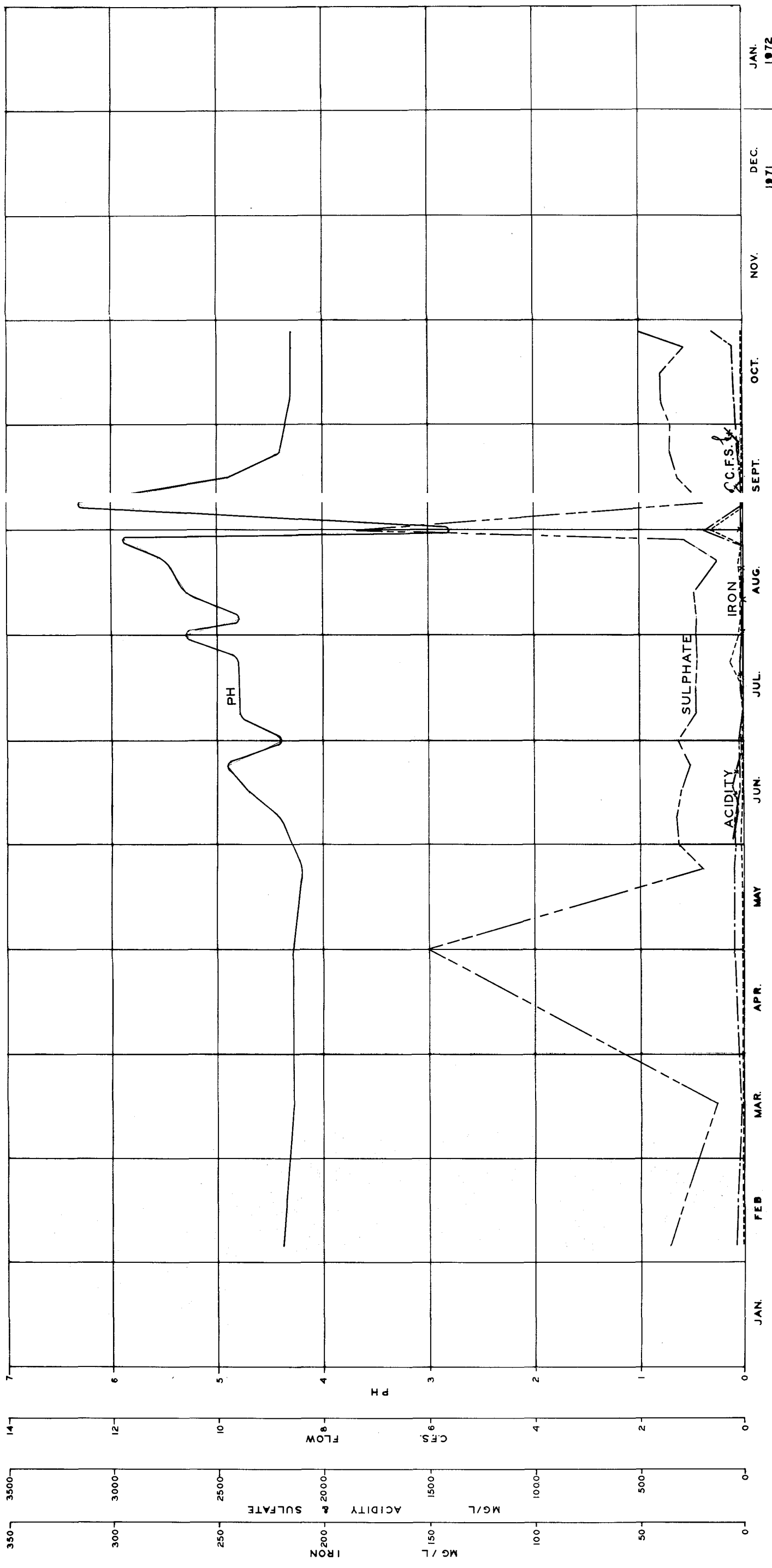
COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-181

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SAMPLING POINT No 25

1971
 PLANS PREPARED BY
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COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS 5L-161
DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SAMPLING POINT No 25A
 1971
 PLANS PREPARED BY
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 HUFFCUT & GERTIS
 CONSULTING ENGINEERS LAND SURVEYORS
 LANSE, PENNSYLVANIA

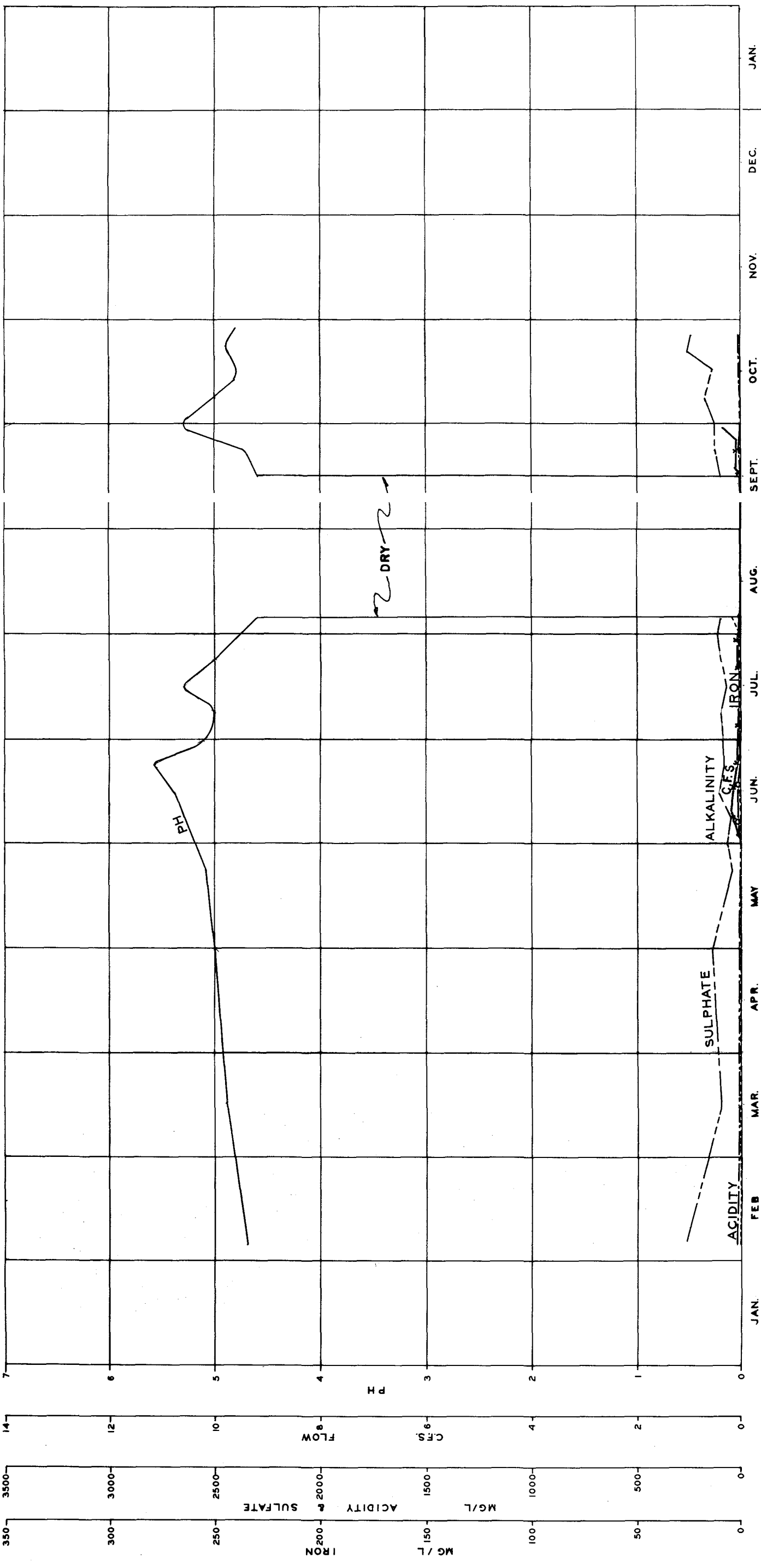


COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-101

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.

SAMPLING POINT No 26

PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
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 CONSULTING ENGINEERS, LAND SURVEYORS
 LANSE, PENNSYLVANIA

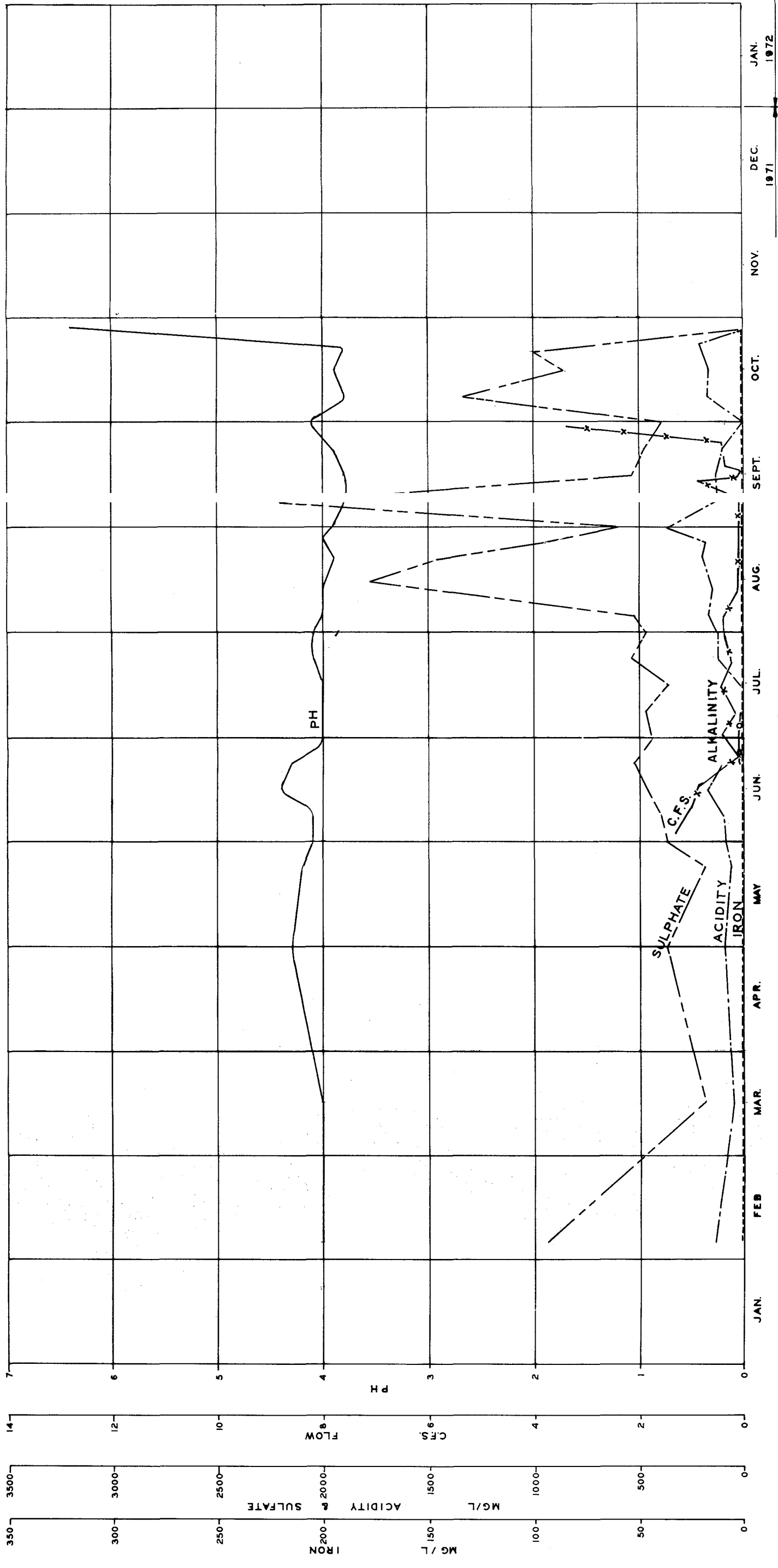


COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.

SAMPLING POINT No. 27

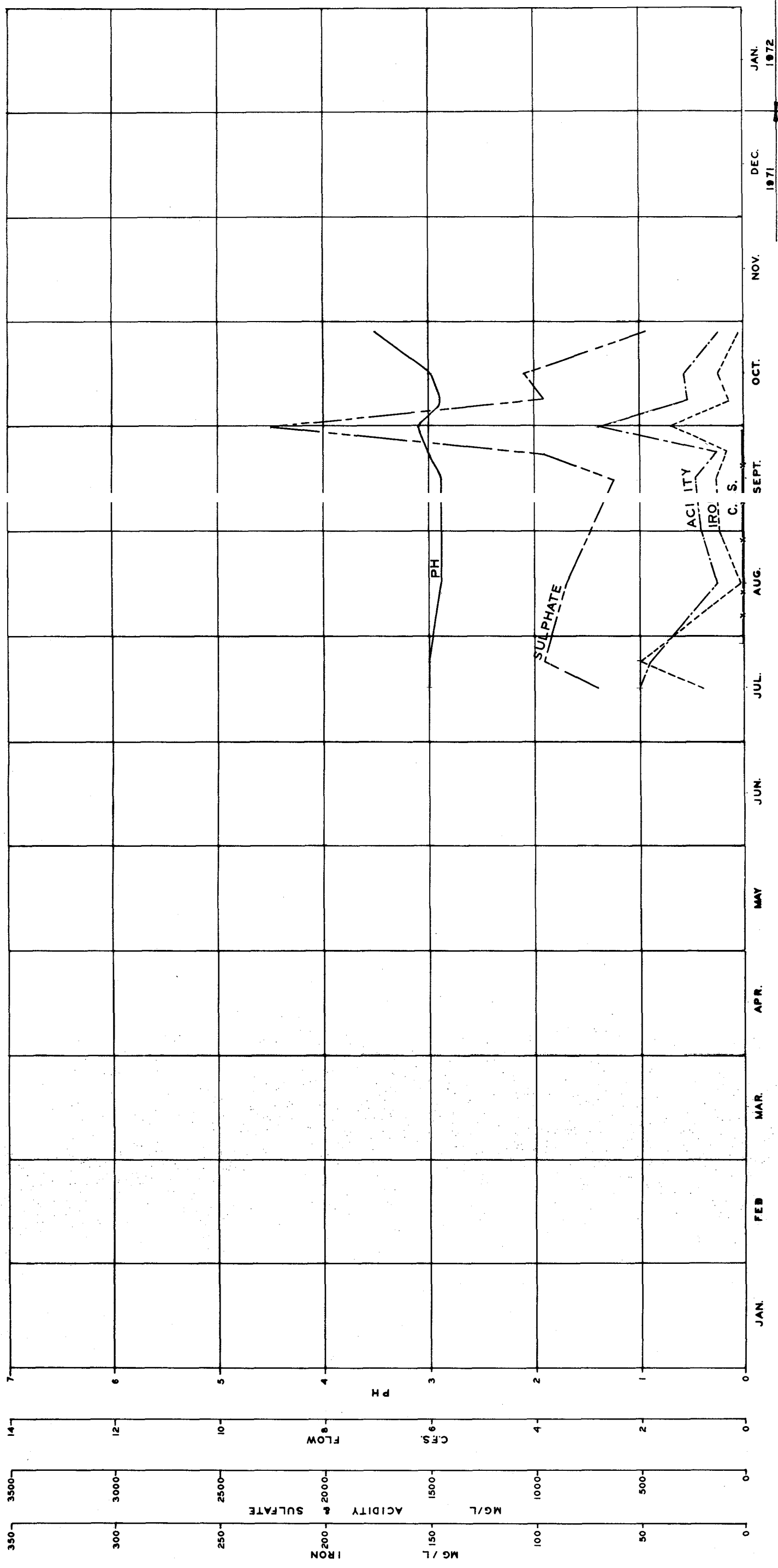
1971
 PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS LAND SURVEYORS
 LANES, PENNSYLVANIA



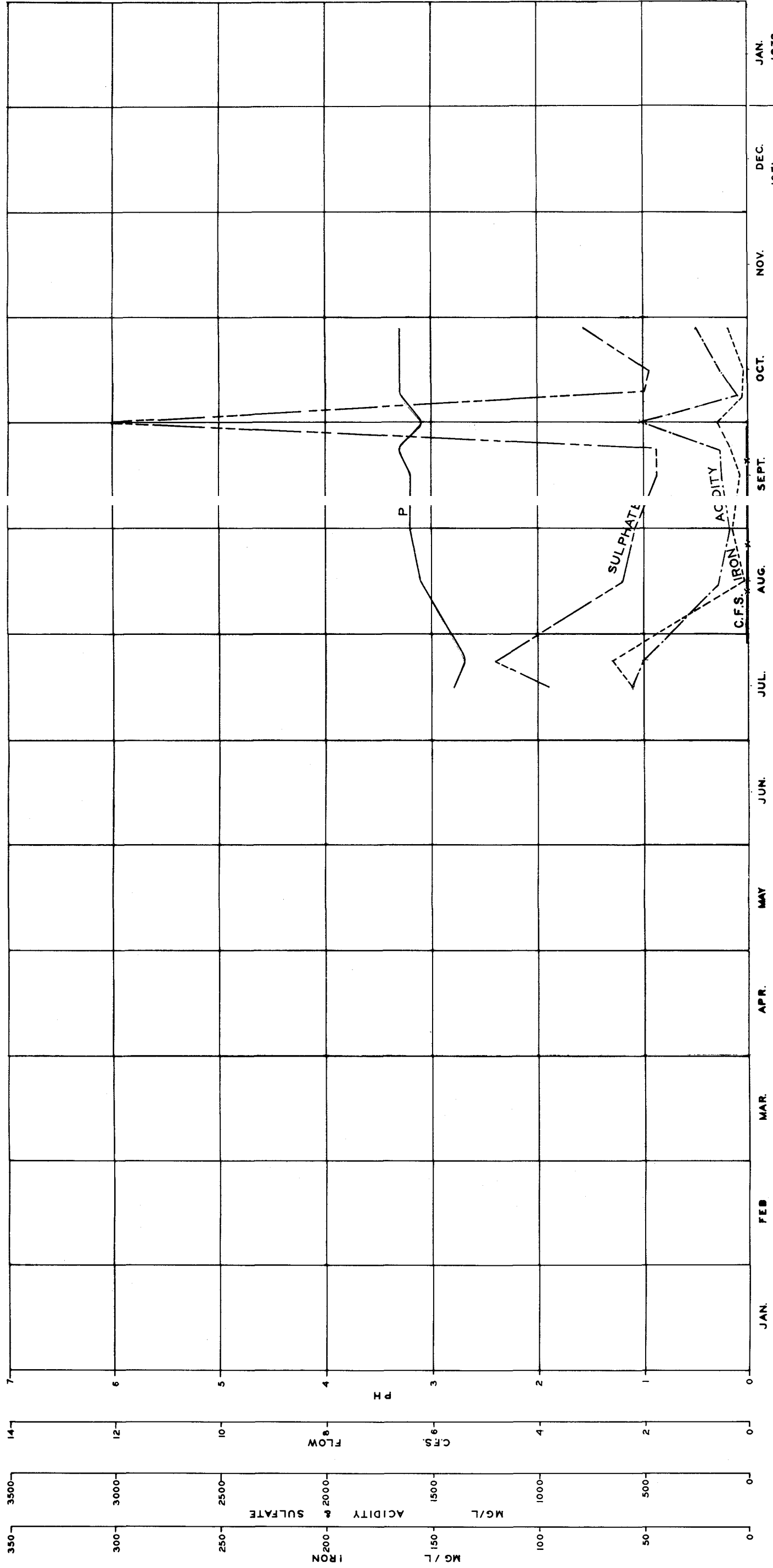
COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SAMPLING POINT N#28

1971
 PLANS PREPARED BY
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COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161
DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SOURCE No 101
 1971
 PLANS PREPARED BY
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COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-181

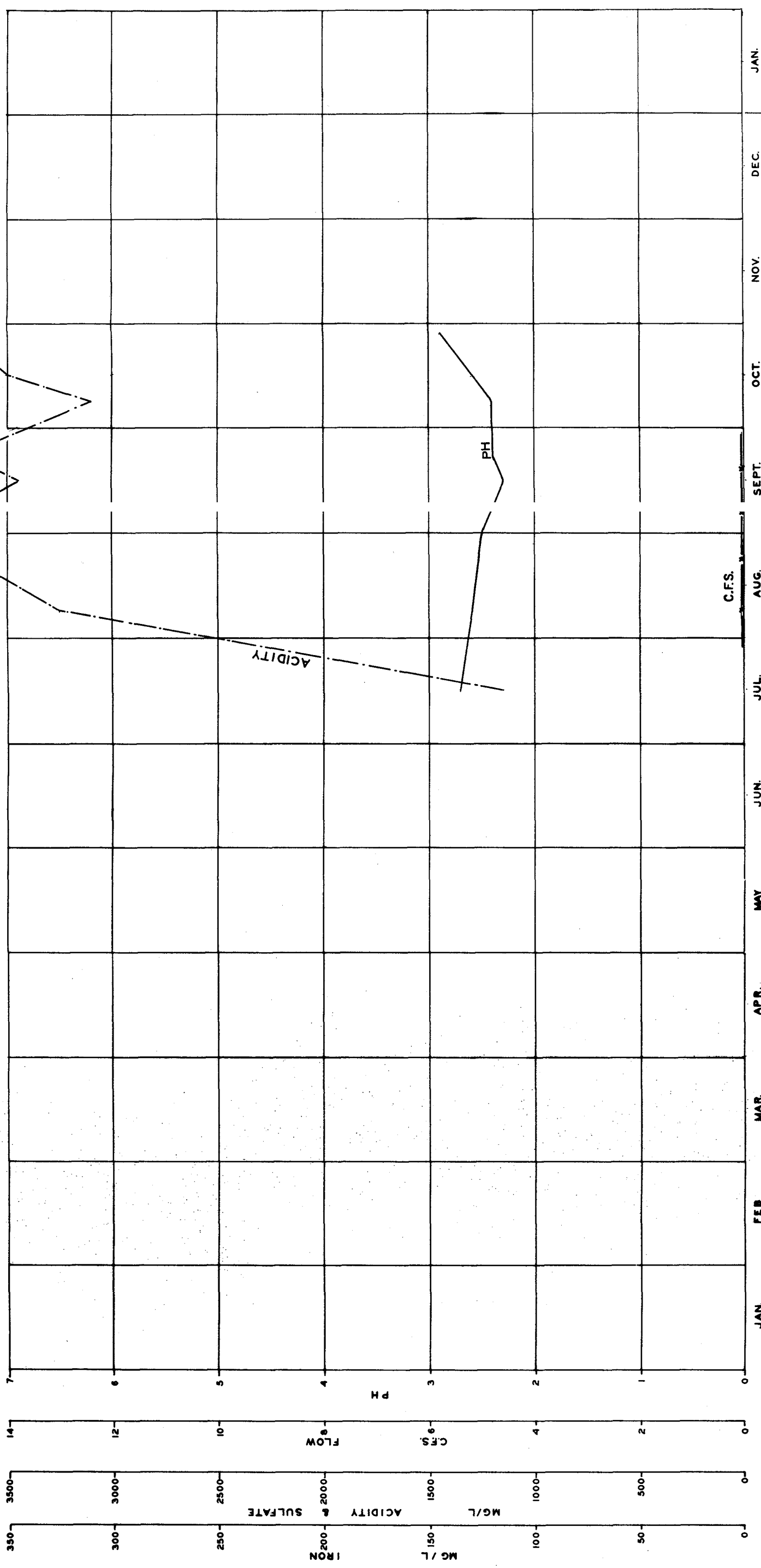
DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SOURCE No 102

PLANS PREPARED BY
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 CONSULTING ENGINEERS LAND SURVEYORS
 LANSE, PENNSYLVANIA

IRON
 = 1050
 = 950
 = 500
 = 760
 = 700
 = 800
 = 650
 = 775
 = 600

SULFATES
 9500
 14500
 35000
 52000
 47000
 56000
 56000
 54000
 9500

9
 8
 7
 6
 5
 4
 3
 2
 1



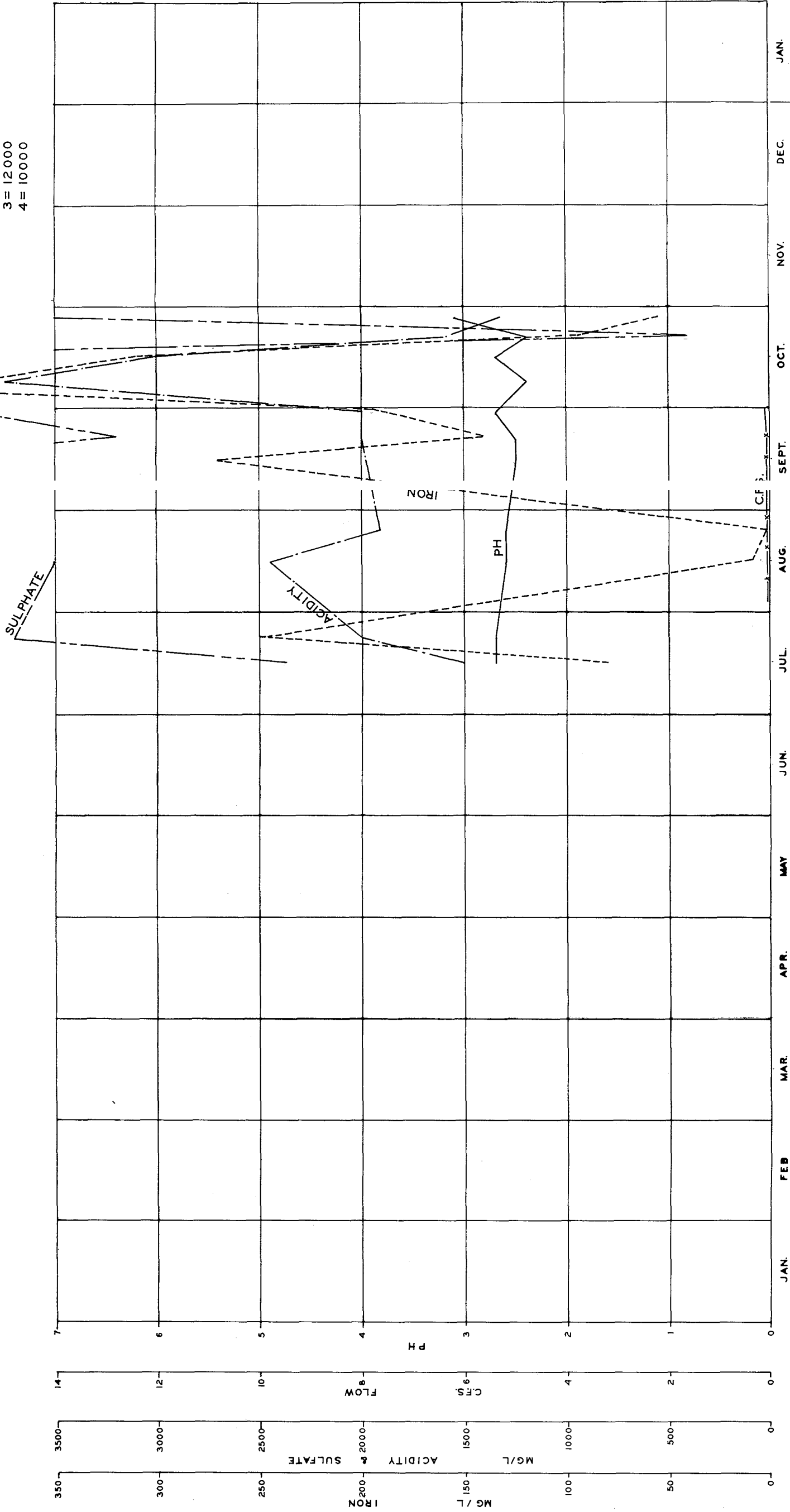
COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENN.

SOURCE No 103
 1971

PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS AND SURVEYORS
 LANES, PENNSYLVANIA

SULPHATE
 1 = 5000
 2 = 3900
 3 = 12000
 4 = 10000



COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.

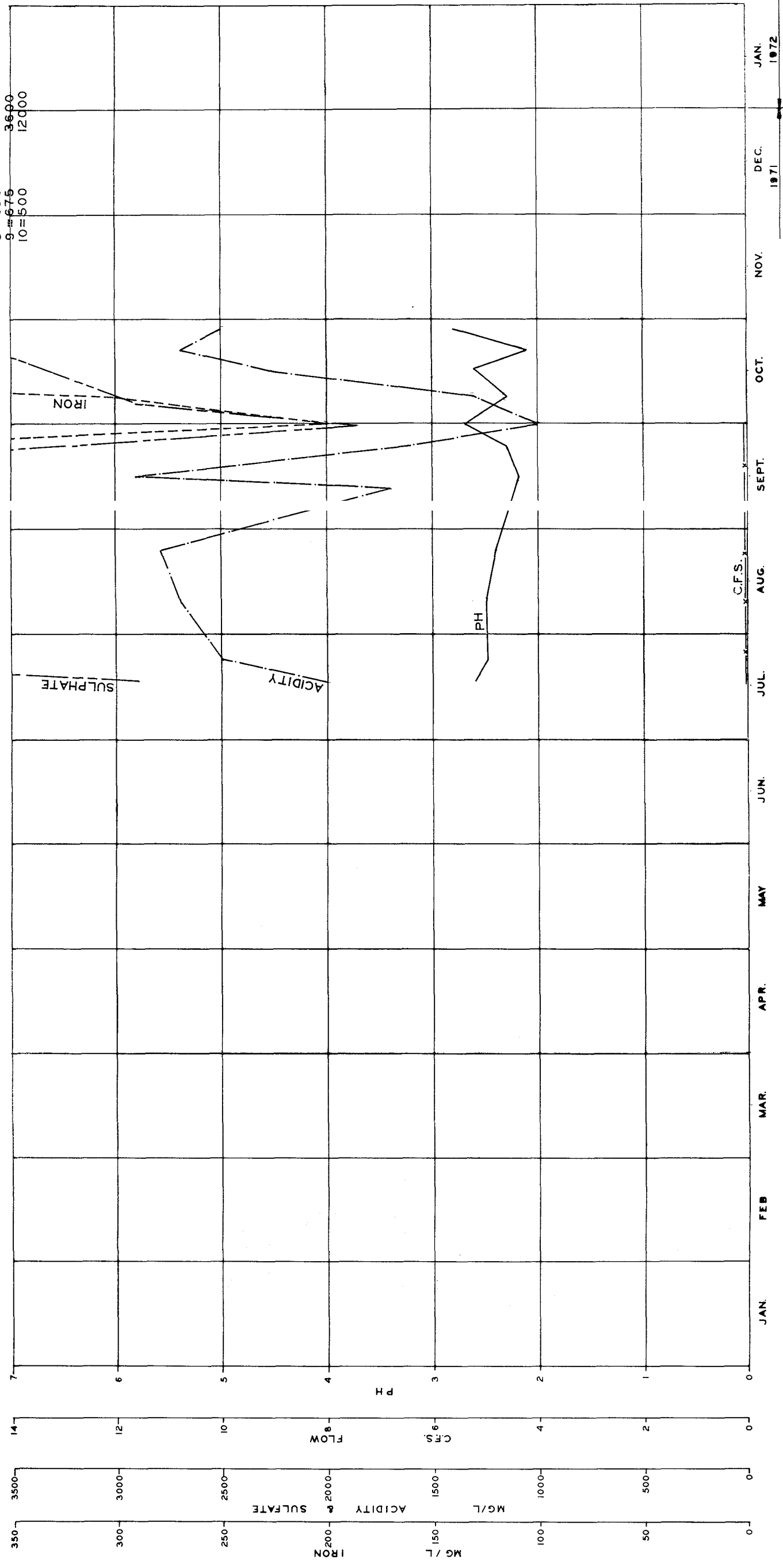
SOURCE No 107
 1971

PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS LAND SURVEYORS
 LANSE, PENNSYLVANIA

SULPHATE

IRON

- 1 = 500
- 2 = 625
- 3 = 900
- 4 = 1200
- 5 = 800
- 6 = 875
- 7 = 425
- 8 = 650
- 9 = 675
- 10 = 500



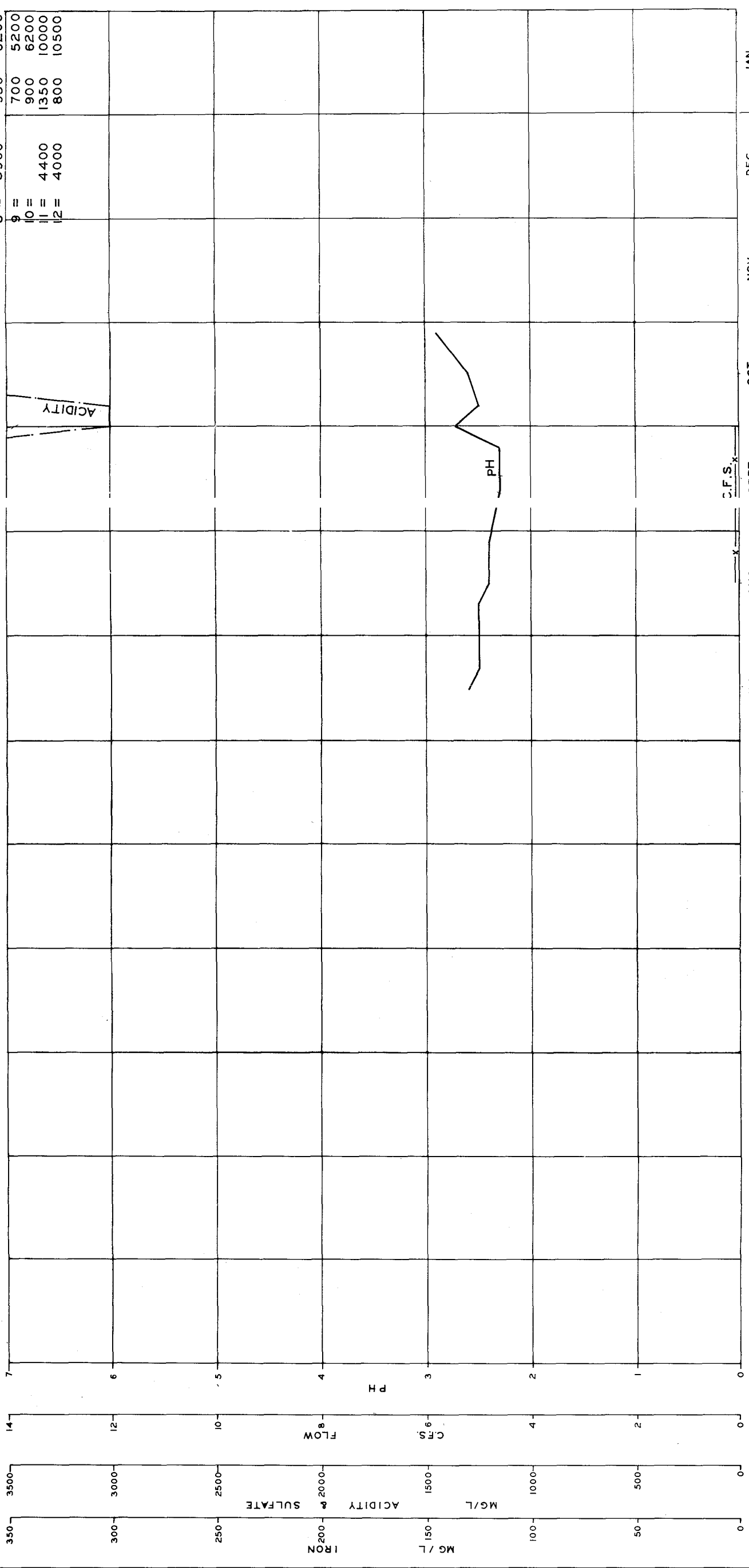
COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED

ELK & CAMERON COUNTIES, PENNA.
SOURCE No 108

PLANS PREPARED BY
 1971
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS LAND SURVEYORS
 LANSE, PENNSYLVANIA

ACIDITY	IRON	SULPHATE
1 = 3500	800	4500
2 = 4700	1225	7000
3 = 4000	1800	8400
4 = 4000	1300	8800
5 = 4600	1800	10500
6 = 4500	1000	5600
7 = 4100	1050	6800
8 = 3900	950	6200
9 =	700	5200
10 =	900	6200
11 = 4400	1350	10000
12 = 4000	800	10500



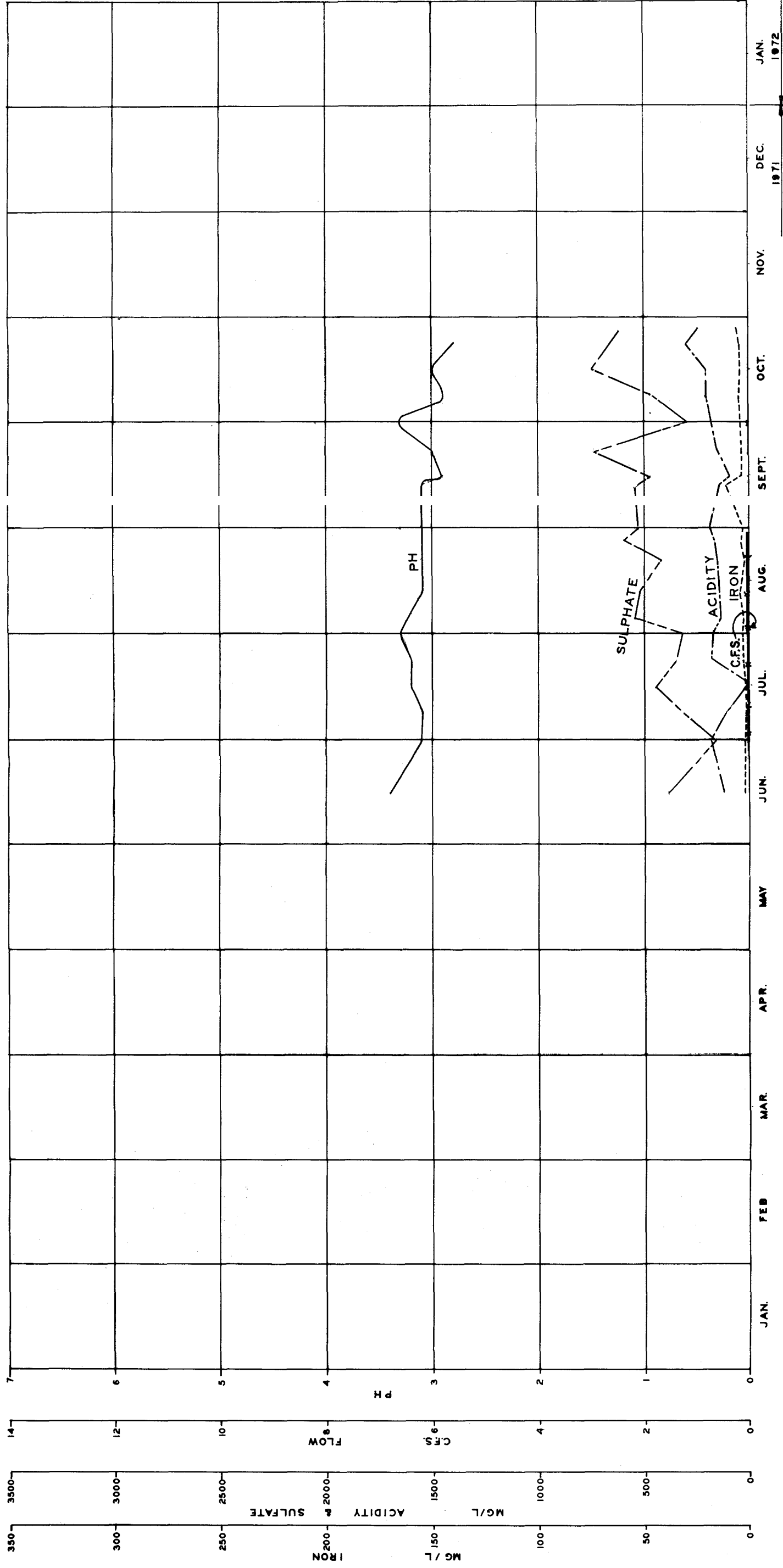
COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED

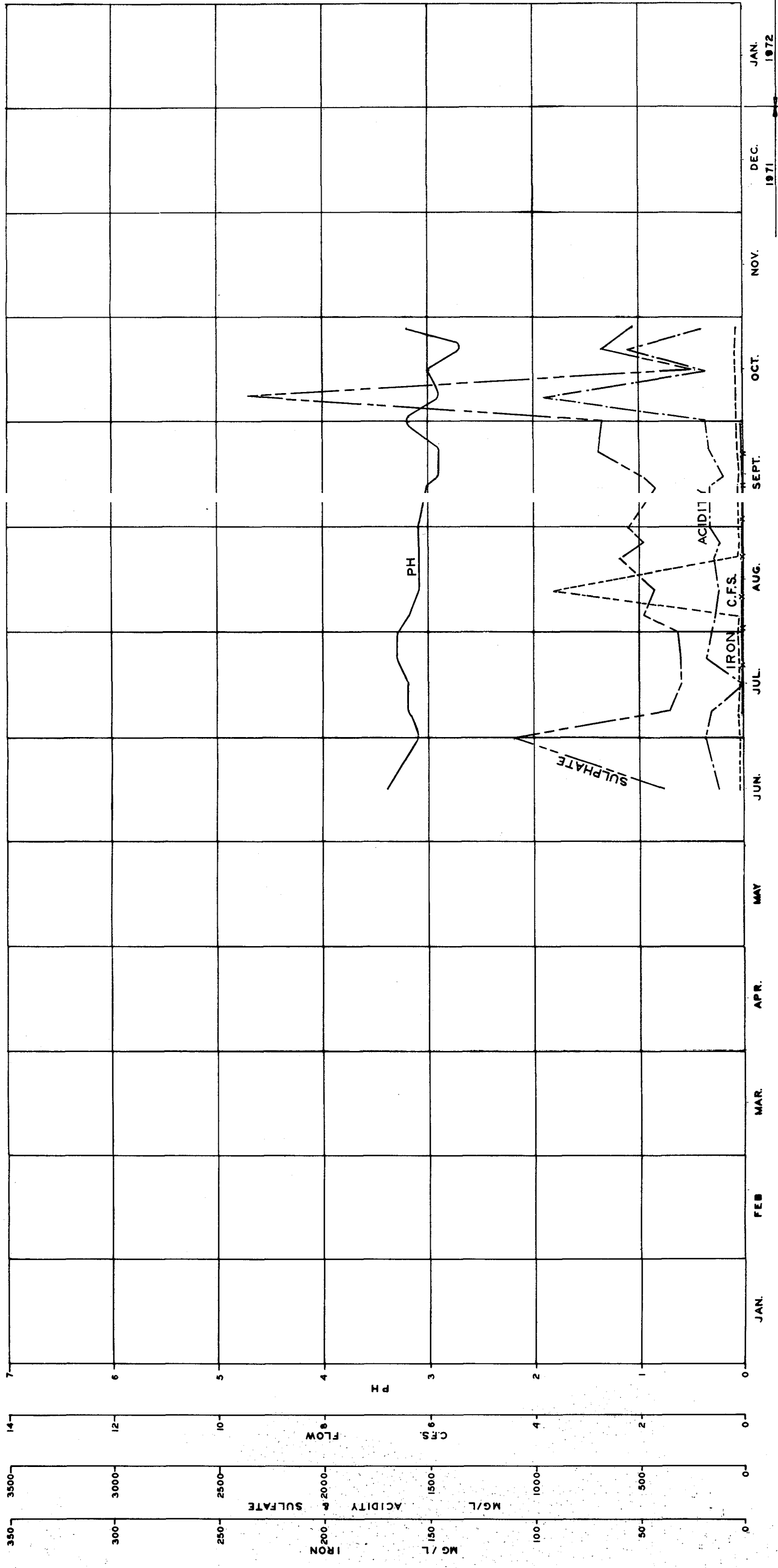
ELK & CAMERON COUNTIES, PENNA.

SOURCE No 109

PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
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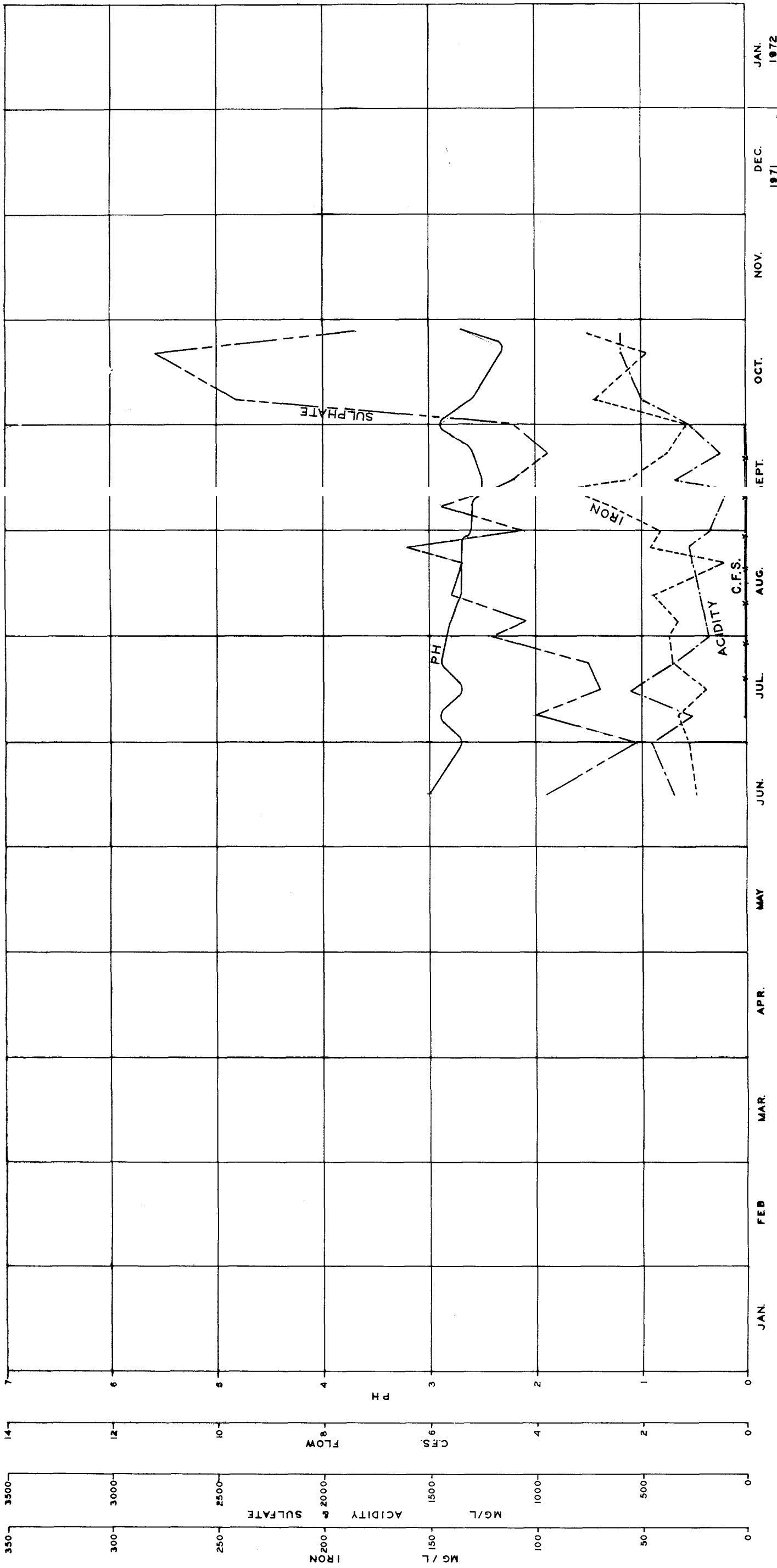
COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS 3L-161
DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SOURCE No 110
 1971
 PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
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 LANSE, PENNSYLVANIA



COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SOURCE No III

PLANS PREPARED BY
 1971
 CONABLE, SAMPSON, VAN KUREN
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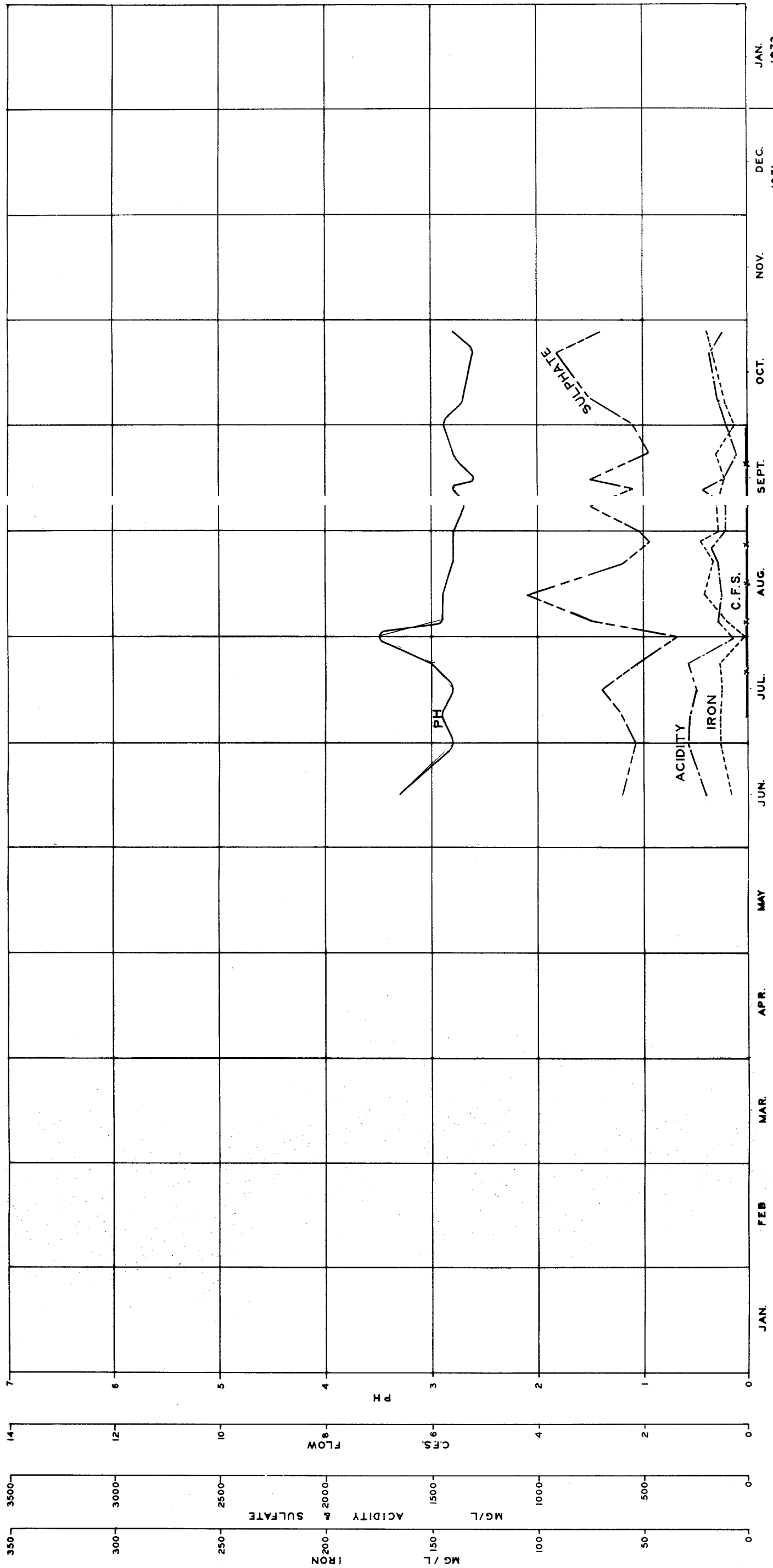
COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED

ELK & CAMERON COUNTIES, PENNA.

SOURCE No 112

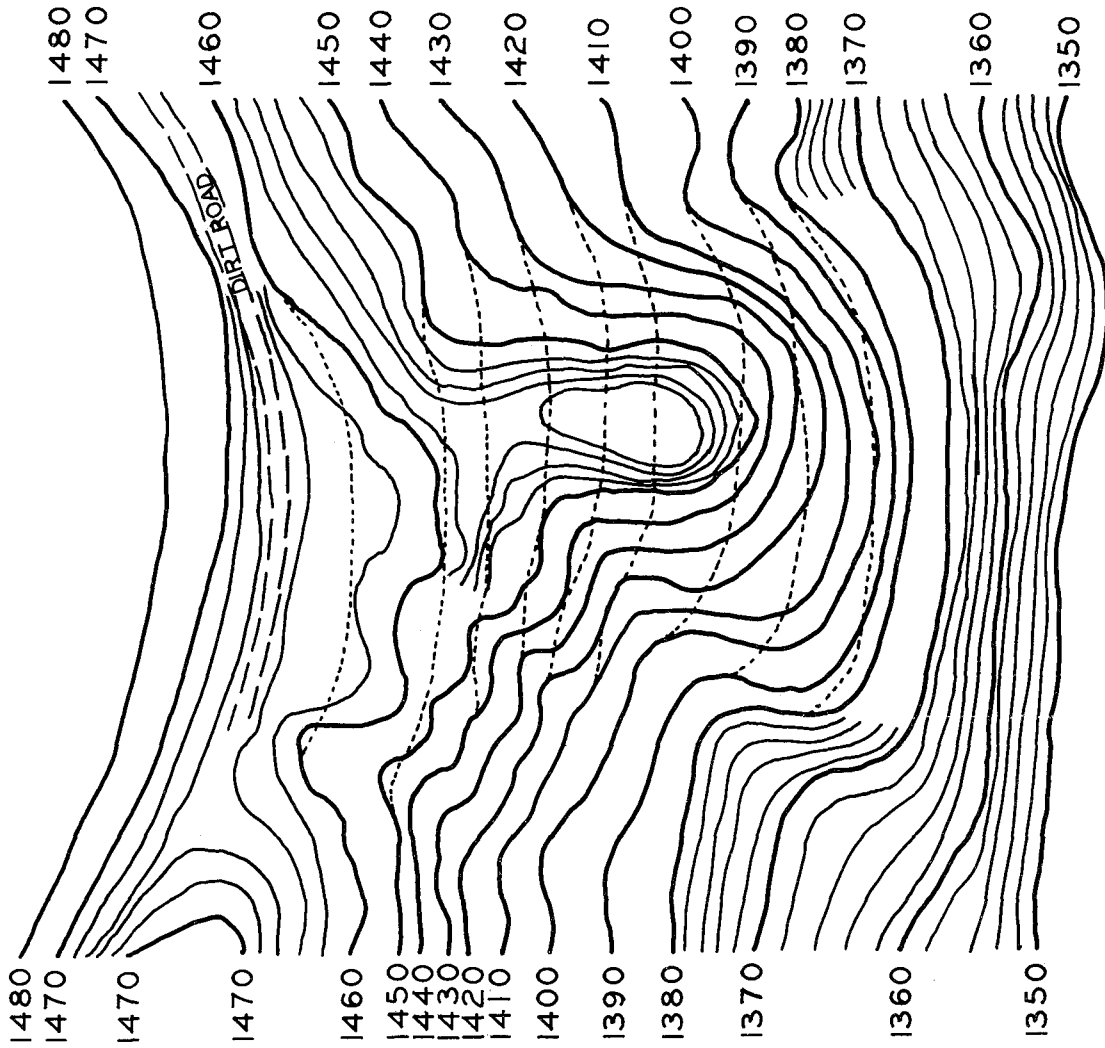
PLANS PREPARED BY
 1971
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS, LAND SURVEYORS
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COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.
SOURCE N^o 113

PLANS PREPARED BY
 CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS LAND SURVEYORS
 LANSE, PENNSYLVANIA

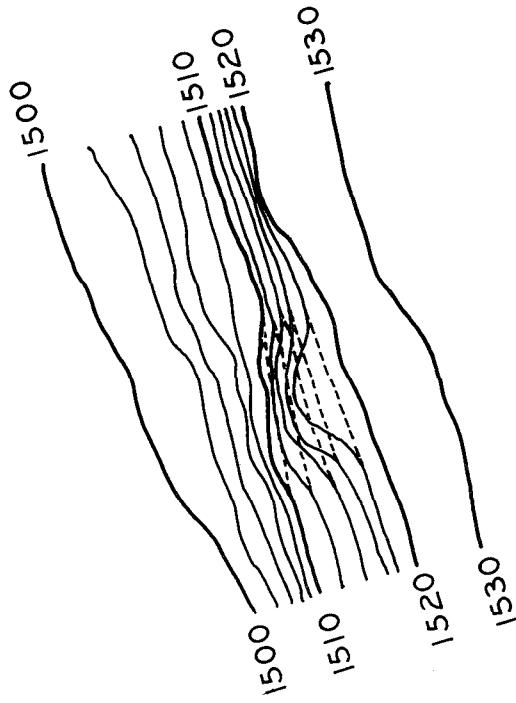


— EXISTING CONTOURS
- - - ORIGINAL CONTOURS
1.598 ACRES
20,000 CU.YD. OF MINE REFUSE

COMMONWEALTH OF PENNSYLVANIA
DEPT. OF ENVIRONMENTAL RESOURCES
WATERSHED ANALYSIS SL-161
DENTS RUN WATERSHED
ELK & CAMERON COUNTIES, PENNA.

SOURCE No 114

SCALE: 1"=100'
1971
PLANS PREPARED BY
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HUFFCUT & GERTIS
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LANSE, PENNSYLVANIA



— EXISTING CONTOURS
- - - ORIGINAL CONTOURS
158.4 ACRES
2070 CU.YD. OF MINE REFUSE

COMMONWEALTH OF PENNSYLVANIA
DEPT. OF ENVIRONMENTAL RESOURCES
WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED

ELK & CAMERON COUNTIES, PENNA.

SOURCE No 115

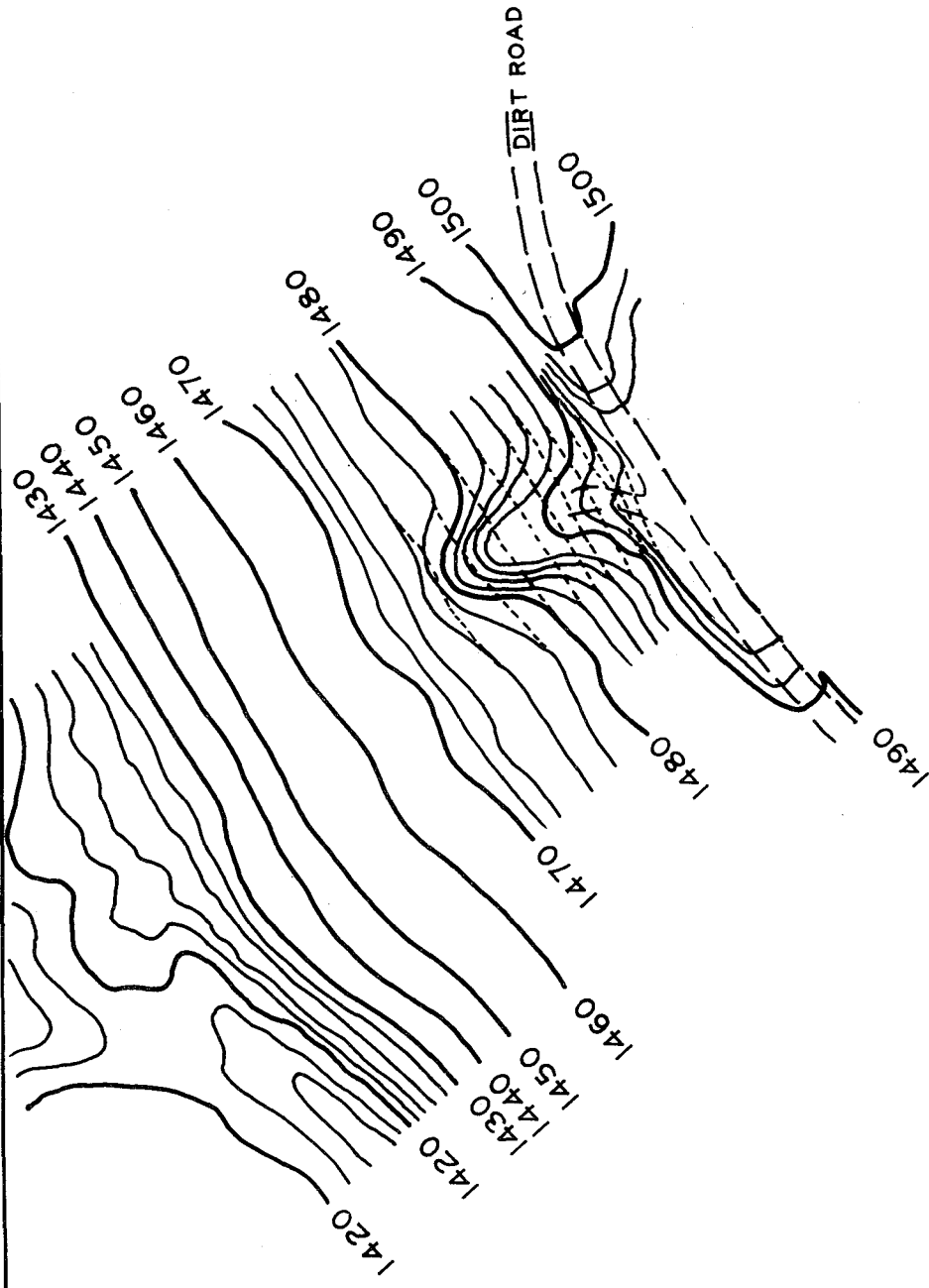
SCALE: 1"=100' 1971

PLANS PREPARED BY

CONABLE, SAMPSON, VAN KUREN

HUFFCUT & GERTIS

CONSULTING ENGINEERS AND SURVEYORS
LANESE, PENNSYLVANIA



COMMONWEALTH OF PENNSYLVANIA
DEPT. OF ENVIRONMENTAL RESOURCES
WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED

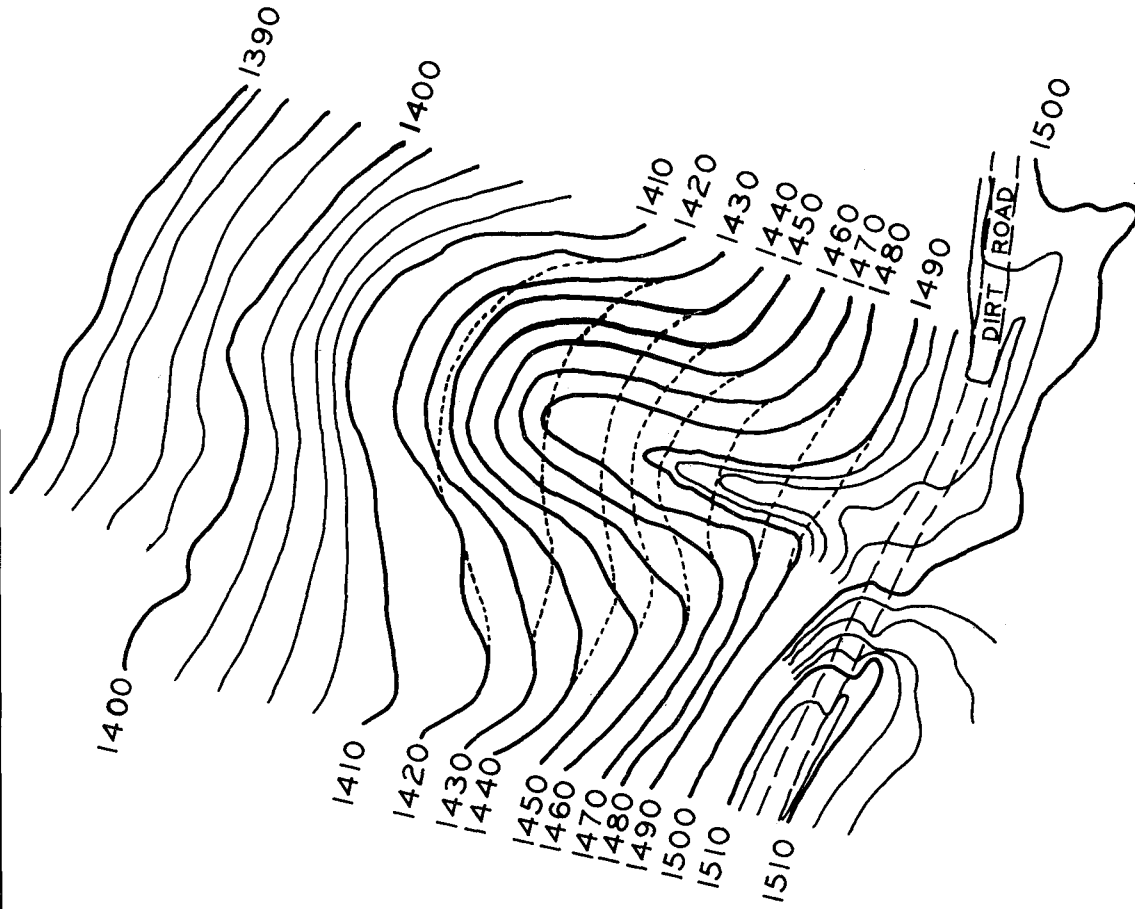
ELK & CAMERON COUNTIES, PENNA.

SOURCE No 116

SCALE: 1" = 100' 1971

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HUFFCUT & GERTIS
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LANSE, PENNSYLVANIA

— EXISTING CONTOURS
- - - ORIGINAL CONTOURS
1928 ACRES
2,500 CU.YD. OF MINE REFUSE

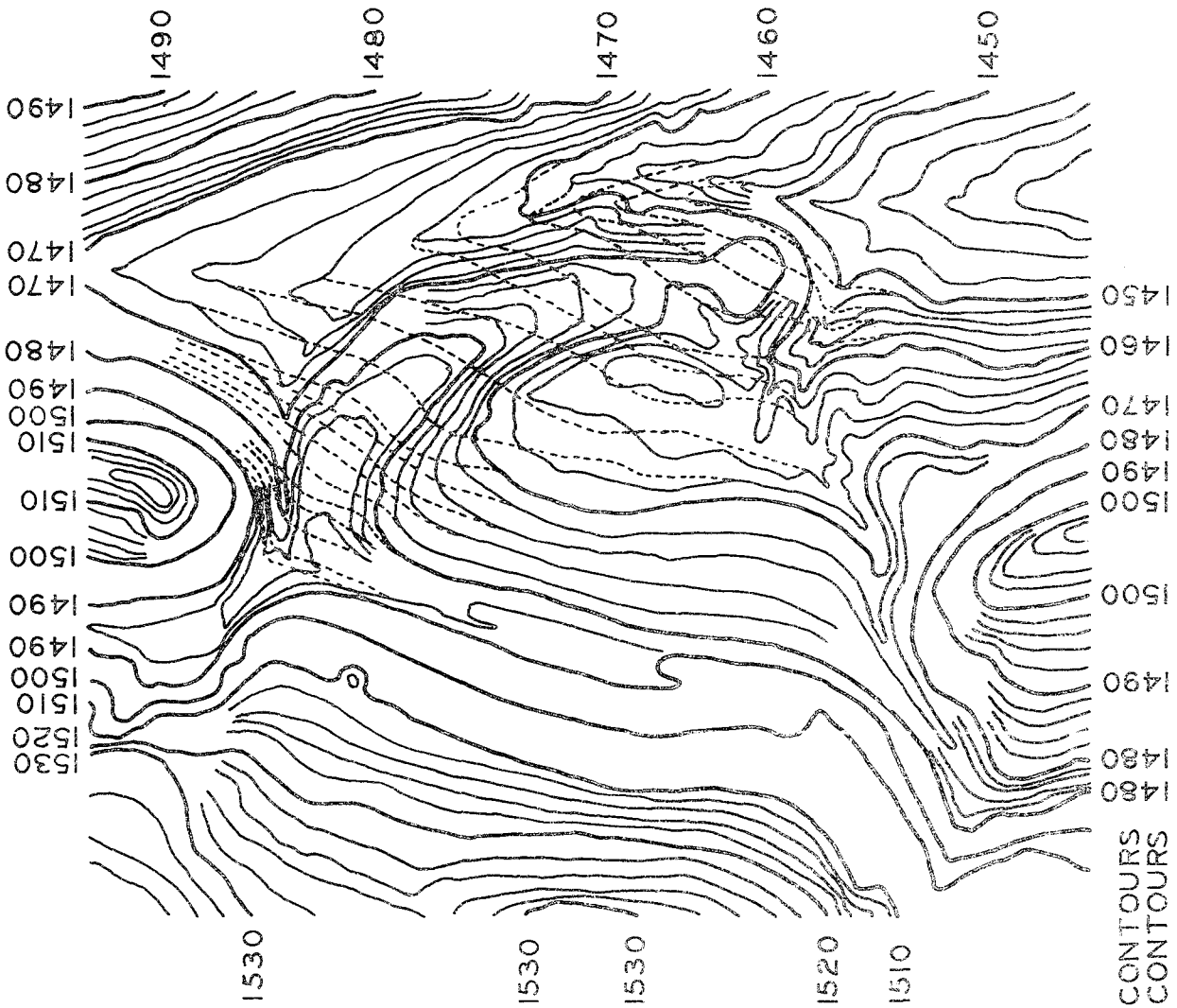


COMMONWEALTH OF PENNSYLVANIA
DEPT. OF ENVIRONMENTAL RESOURCES
WATERSHED ANALYSIS SL-161
DENTS RUN WATERSHED
ELK & CAMERON COUNTIES, PENNA.

SOURCE No 117

SCALE: 1"=100'
1971
PLANS PREPARED BY
CONABLE, SAMPSON, VAN KUREN
HUFFCUT & GERTIS
CONSULTING ENGINEERS LAND SURVEYORS
LANESE, PENNSYLVANIA

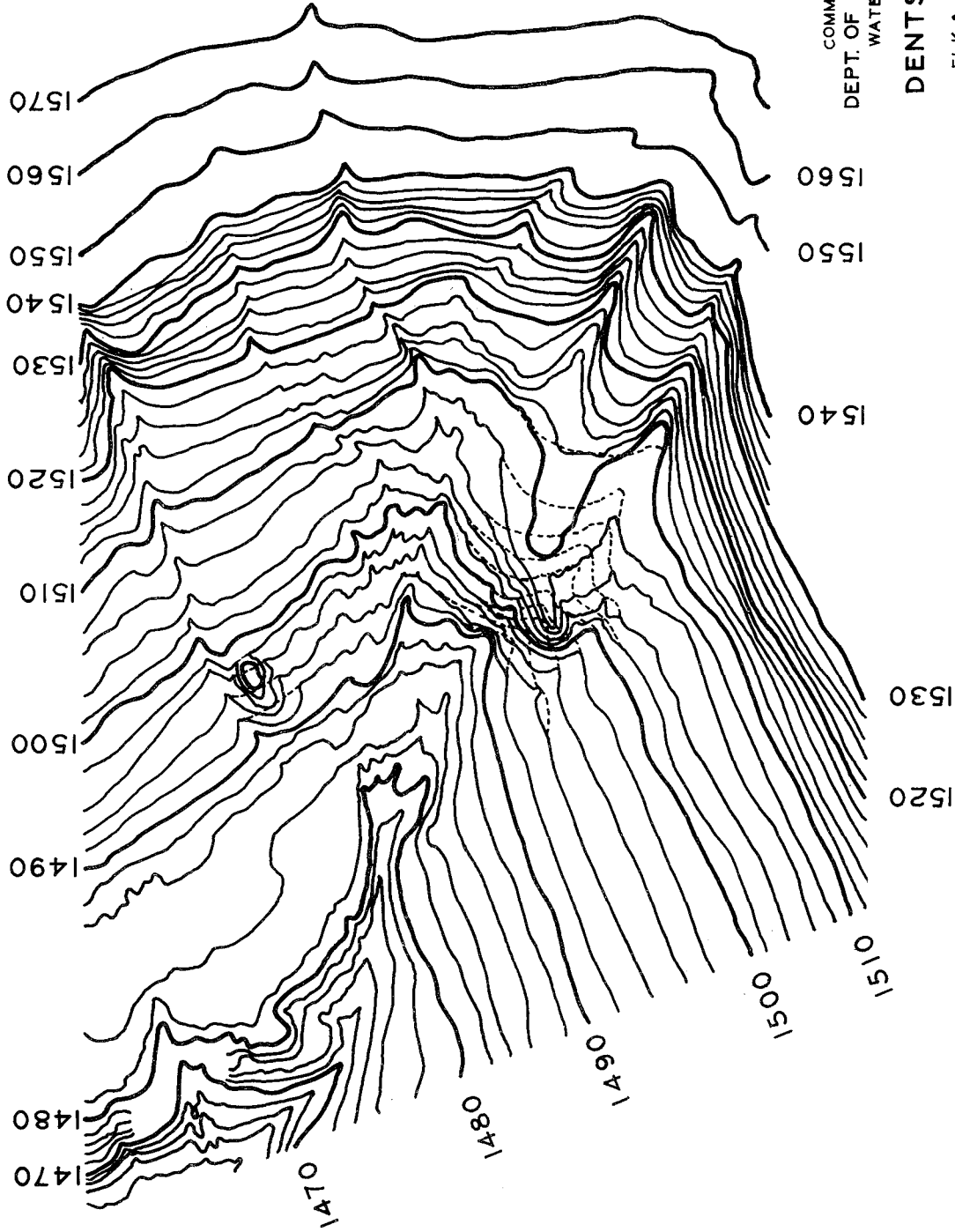
— EXISTING CONTOURS
- - - ORIGINAL CONTOURS
3547 ACRES
6500 CU.YD. OF MINE REFUSE



COMMONWEALTH OF PENNSYLVANIA
DEPT. OF ENVIRONMENTAL RESOURCES
WATERSHED ANALYSIS SL-161
DENTS RUN WATERSHED
ELK & CAMERON COUNTIES, PENNA.
SOURCE No 118

SCALE: 1" = 100'
1971
PLANS PREPARED BY
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HUFFCUT & GERTIS
CONSULTING ENGINEERS, LAND SURVEYORS
LANSE, PENNSYLVANIA

— EXISTING CONTOURS
- - - ORIGINAL CONTOURS
- - - .6302 ACRES
- - - 8,800 CU.YD. OF MINE REFUSE



COMMONWEALTH OF PENNSYLVANIA
DEPT. OF ENVIRONMENTAL RESOURCES
WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED
ELK & CAMERON COUNTIES, PENNA.

SOURCE No 119

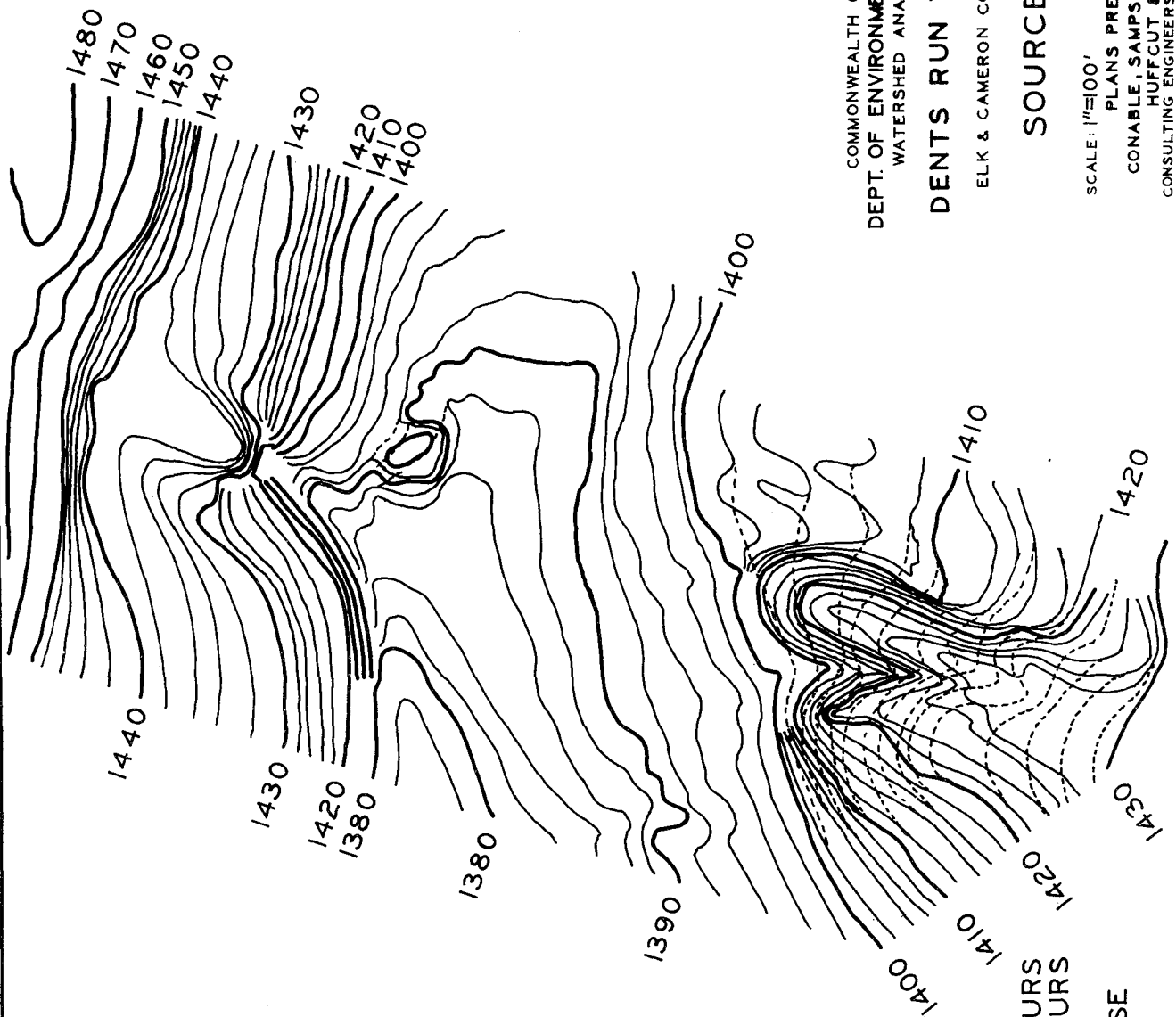
SCALE: 1"=100'
1971

PLANS PREPARED BY
CONABLE, SAMPSON, VAN KUREN
HUFFCUT & GERTIS
CONSULTING ENGINEERS AND SURVEYORS
LANSE, PENNSYLVANIA

— EXISTING CONTOURS
- - - ORIGINAL CONTOURS

LARGE AREA
3444 ACRES
5,200 CU.YD. OF MINE REFUSE

SMALL AREA
.12 ACRES
670 CU.YD. OF MINE REFUSE

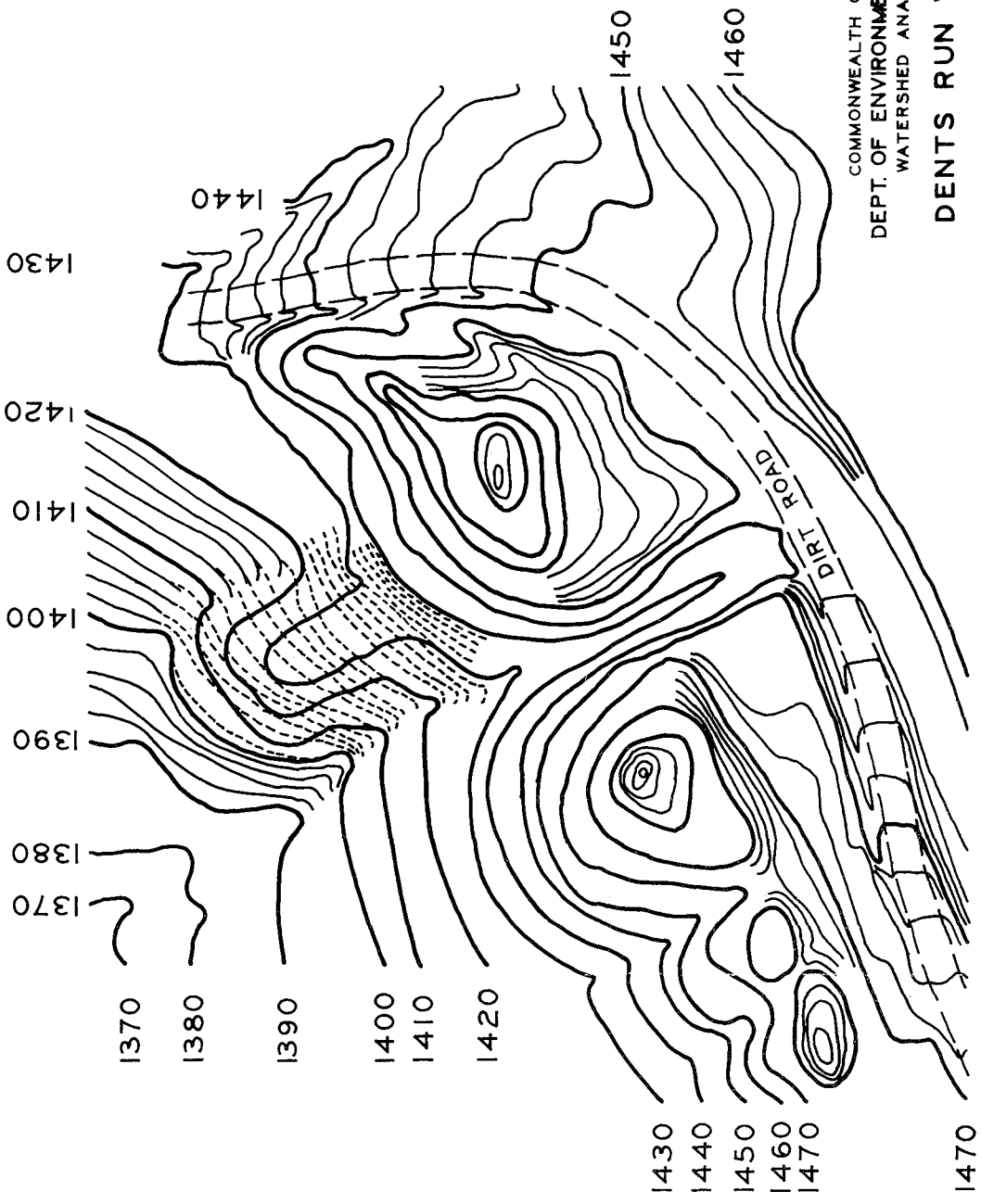


COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161
DENTS RUN WATERSHED
 ELK & CAMERON COUNTIES, PENNA.

SOURCE No 120

SCALE: 1"=100'
 1971
 PLANS PREPARED BY
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 HUFFCUT & GERTIS
 CONSULTING ENGINEERS, LAND SURVEYORS
 LANSE, PENNSYLVANIA

— EXISTING CONTOURS
 - - - ORIGINAL CONTOURS
 LARGE AREA .3788 ACRES
 5,300 CU. YD. OF MINE REFUSE
 SMALL AREA .0654 ACRES
 900 CU. YD. OF MINE REFUSE



COMMONWEALTH OF PENNSYLVANIA
 DEPT. OF ENVIRONMENTAL RESOURCES
 WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED

ELK & CAMERON COUNTIES, PENNA.

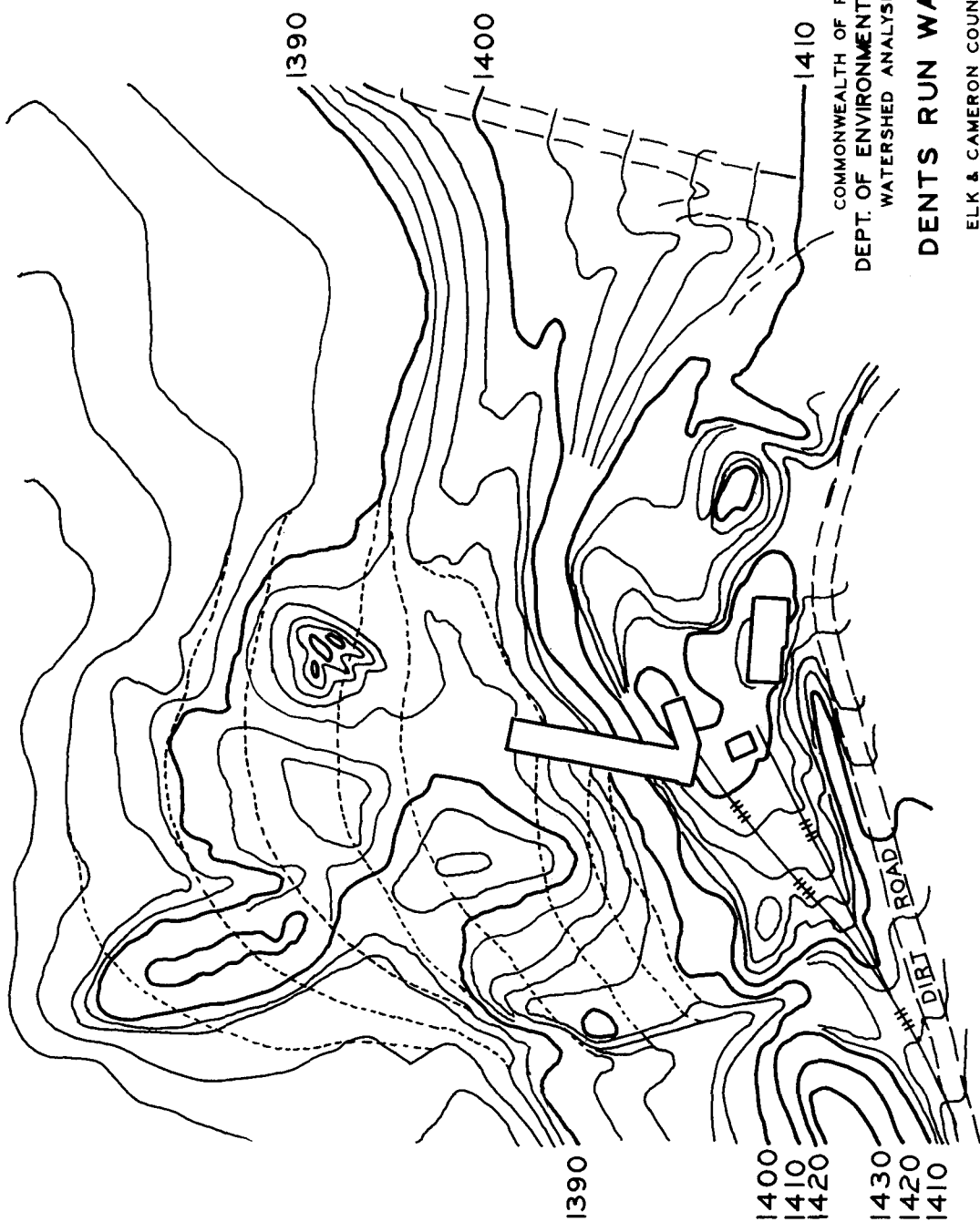
SOURCE No 121

SCALE: 1"=100'
 1971

PLANS PREPARED BY

CONABLE, SAMPSON, VAN KUREN
 HUFFCUT & GERTIS
 CONSULTING ENGINEERS, LAND SURVEYORS
 LANSE, PENNSYLVANIA

— EXISTING CONTOURS
 - - - ORIGINAL CONTOURS
 .2100 ACRE
 3,000 CU.YD. OF MINE REFUSE



COMMONWEALTH OF PENNSYLVANIA
DEPT. OF ENVIRONMENTAL RESOURCES
WATERSHED ANALYSIS SL-161

DENTS RUN WATERSHED

ELK & CAMERON COUNTIES, PENNA.

SOURCE No 122

SCALE: 1" = 100'
1971

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LANSE, PENNSYLVANIA

- EXISTING CONTOURS
- - - ORIGINAL CONTOURS
- LARGE AREA .8437 ACRE
10,000 CU. YD. OF MINE REFUSE
- SMALL AREA .2100 ACRES
3,100 CU. YD. OF MINE REFUSE