

LONG-TERM WATER QUALITY SURVEILLANCE

REPORT OF DATA COLLECTED

1969

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1969

U.S. DEPARTMENT OF THE INTERIOR
Federal Water Pollution Control Administration
Great Lakes Region
Lake Huron Basin Office
P.O. Box 217
Grosse Ile, Michigan 48138

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INTRODUCTION

Information is needed by various resource agencies including the FWPCA to evaluate existing levels and trends of water quality. For the Great Lakes, tributaries, and connecting channels, the MWRC and FWPCA have developed programs to monitor long-term water quality, to make this data available through the STORET system, and to make periodic evaluations of the information. The purpose of this report is to present the information collected by the FWPCA-Lake Huron Basin Office in the area shown in Figure 1, during 1969.

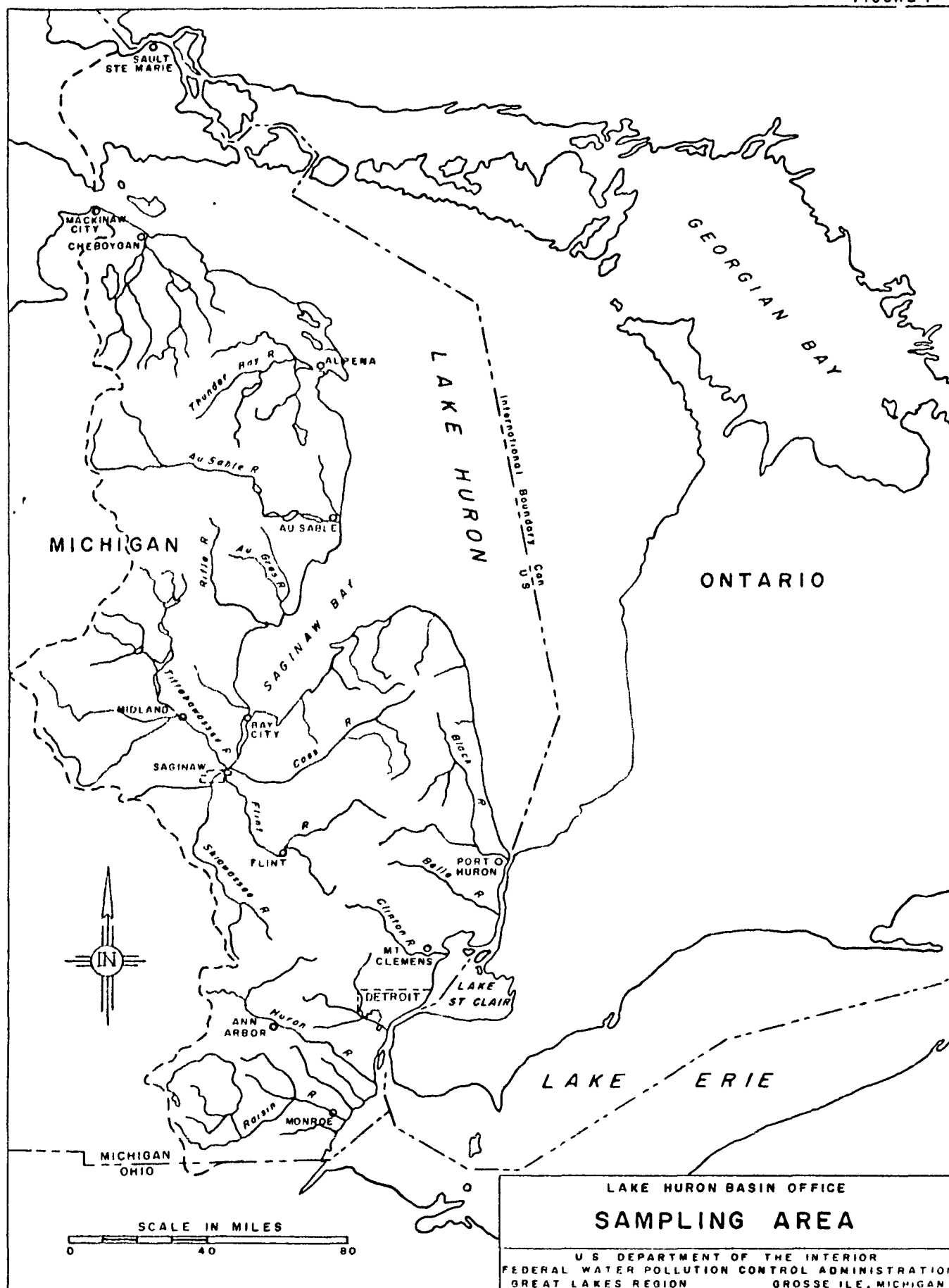
The data are presented in tables produced by retrievals from the STORET system. The tables are self-explanatory except for the sampling station location block near the upper right side. This explanation is as follows:

Line

1	259150	20R052	Primary & secondary station codes.
2	42 08	11.0 083 06 28.0	Station latitude and longitude.
3	Detroit River-Trib to Lake Erie		Station name.
4	26	Michigan	State code and State name.
5	Western Great Lakes		Major drainage basin.
6	Station located on IJC range		
	DT 17.0E0700		Minor drainage basin.
7	1115D030	2111204	STORET user agency code and/or other location information - Station type(see STORET Handbook).
8	4	0038 Feet Depth	Precision code for station location and total depth and sampling point.

Statistics following the data were calculated by the computer. It should be noted that for some parameters the mean values calculated reflect more accuracy than warranted by the chemical test used. For all coliform data the mean value is the geometric mean. Also, a "K" indicates the actual value less than that shown and "L", greater than.

FIGURE 1



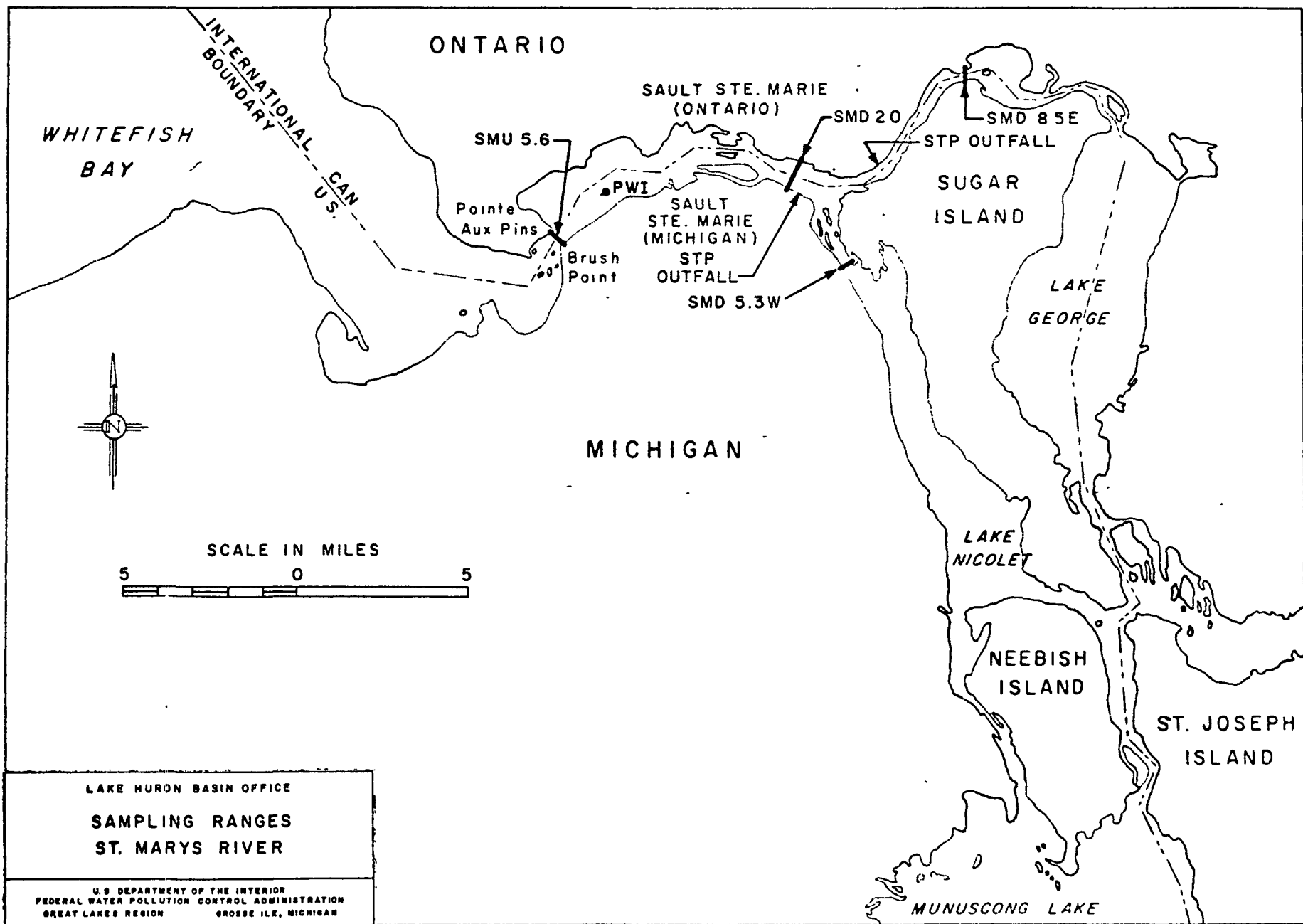


FIGURE 2

SECRET DECLASSIFIED DATE 70/02/17

46 26 20.0 084 27 27.0

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBC 33-A

LOCATED @ IJC RANGE SMU 5.6 1000
00 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER

SMU 5.6-M73

2111202
0028 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	0030C DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			9.5	11.4	101	8.0	100	54	2	52		3
69/06/25			10.5				95	55	1	54		3
69/08/19			19.0			7.2	120	66	3	63	2.0	4
69/08/20			18.5	8.9	95		100				2.0	
69/08/21			18.0				100	64	1	63	2.0	1
69/08/26			13.0			7.0	100	67	2	65	0.5	4
69/08/27			18.0	9.0	95		94				0.5	
69/08/28			19.0				130	85	2	83	0.8	6
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		19.0	11.4	101	8.0	130	85	3	83	2.0	6
	MINIMUM		9.5	8.9	95	7.0	94	54	1	52	0.5	1
	MEAN		16.3	9.8	97	7.4	105	65	2	63	1.3	4

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMC/100ML PF/100ML LOG
69/06/24			1	0.21	0.09	0.2	0.007	0.005	60	1	0.01K	4
69/06/25			1	0.17	0.18	0.1	0.005	0.004	60	6		10
69/08/19			2	0.05K	0.08	0.2	0.010	0.006	110	2		80
69/08/20				0.05K	0.18	0.1	0.008	0.005	30	1		540
69/08/21			1	0.05K	0.06	0.2	0.010	0.004	120	2		
69/08/26			1	0.05K	0.13	0.2	0.070	0.060	30	1K		40
69/08/27				0.05K	0.05	0.2	0.004	0.004	80	4		100
69/08/28			1	0.11	0.05K	0.2	0.004	0.003	50	8		
69/01/01												
YEAR	NUMBER		6	8.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		2	0.21	0.18	0.2	0.070	0.060	120	8	0.01	540
	MINIMUM		1	0.05	0.05	0.1	0.004	0.003	30	1	0.01	4
	MEAN		1	0.09	0.10	0.2	0.015	0.011	68	3	0.01	44

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

46282100847/300 804076
46 28 21.0 C84 27 30.0
LOCATED @ IJC RANGE SMU 5.6 1300
00 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2111202
0028 FEET DEPTH

SMU 5.6-M76

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTIV AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			9.5	11.5	102	8.1	100	55	3	52		2
69/06/25			9.0				95	54	2	52		3
69/08/19			18.5			7.3	100	60	3	57	2.0	2
69/08/20			18.5	8.9	95		90				1.0	
69/08/21			18.0				100	64	3	61	3.0	1
69/08/26			18.0			7.0	100	62	1	61	0.4	2
69/08/27			18.0	9.0	95		94				0.4	
69/08/28			18.5				100	69	1	68	0.6	3
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		18.5	11.5	102	8.1	100	69	3	68	3.0	3
	MINIMUM		9.0	8.9	95	7.0	90	54	1	52	0.4	1
	MEAN		16.0	9.8	97	7.5	97	61	2	59	1.2	2

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	000940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IPEDENDO MF/100ML LOG
69/06/24			1	0.79	0.16	0.2	0.003	0.003K	60	3	0.01K	4
69/06/25			1	0.23	0.10	0.2	0.004	0.003K	40	6		8
69/08/19			1	0.05K	0.06	0.2	0.007	0.003K	80	1		40
69/08/20				0.18	0.07	0.1	0.007	0.003K	20	1K		300
69/08/21			1	0.05K	0.05	0.1	0.009	0.003	120	1		
69/08/26			1K	0.05	0.10	0.1	0.009	0.007	20	1K		20
69/08/27				0.05K	0.06	0.2	0.004	0.003	60	31		20
69/08/28			1	0.05K	0.08	0.2	0.004	0.003K	20	3		
69/01/01												
YEAR	NUMBER		6	8.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		1	0.79	0.16	0.2	0.009	0.007	120	31	0.01	300
	MINIMUM		1	0.05	0.05	0.1	0.003	0.003	20	1	0.01	4
	MEAN		1	0.18	0.09	0.2	0.006	0.003	53	6	0.01	23

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

46 28 23.0 084 27 35.0
LOCATED @ IJC RANGE SMU 5.6 1600
00 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115050
2111202
0028 FEET DEPTH

SMU 5.6-M77

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			9.0	11.7	101	8.1	95	59	2	57		2
69/06/25			9.0				100	61	1	60		3
69/08/19			18.0			7.2	100	59	2	57	0.5	2
69/08/20			18.0	9.0	95		90				0.5	
69/08/21			18.0				95	62	1	61	1.0	1
69/08/26			18.0			7.2	94	62	3	59	0.4	2
69/08/27			18.0	9.1	96		89				0.4	
69/08/28			18.5				94	67	1	66	0.4	2
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		18.5	11.7	101	8.1	100	67	3	66	1.0	3
	MINIMUM		9.0	9.0	95	7.2	89	59	1	57	0.4	1
	MEAN		15.8	9.9	97	7.5	95	62	2	60	0.5	2
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDFND MF/100ML LOG
69/06/24			1	0.16	0.10	0.1	0.004	0.003K	90	1	0.01K	10
69/06/25			1	0.13	0.10	0.1	0.004	0.003K	70	6		38
69/08/19			1	0.05K	0.12	0.2	0.004	0.003K	20	2		120
69/08/20				0.09	0.07	0.2	0.006	0.005	30	3		20
69/08/21			1	0.20	0.06	0.2	0.005	0.003K	100	2		
69/08/26			2	0.26	0.11	0.3	0.010	0.009	20	1		140
69/08/27				0.05K	0.06	0.2	0.004	0.003	20	21		140
69/08/28			1	0.07	0.05K	0.2	0.003	0.003	10	4		
69/01/01												
YEAR	NUMBER		8	8.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		2	0.26	0.12	0.3	0.010	0.009	100	21	0.01	140
	MINIMUM		1	0.05	0.05	0.1	0.003	0.003	10	1	0.01	10
	MEAN		1	0.13	0.08	0.2	0.005	0.004	45	5	0.01	51
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBC 33-A

46 28 24.0 CB4 27 38.0
LOCATED @ IJC RANGE SMU 5.6 1900
00 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2111202
0028 FEET DEPTH

SMU 5.6-M78

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTIV AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			9.0	11.8	102	8.0	95	55	1	54		3
69/06/25			8.5				90	58	1	57		4
69/08/19			18.0			7.2	100	58	1	57	0.7	2
69/08/20			18.0	9.2	97		100				0.5	
69/08/21			18.0				95	58	2	56	1.0	1
69/08/26			18.0			6.7	100	73	1	72	0.4	2
69/08/27			18.3	9.0	95		94				0.2	
69/08/28			18.5				94	63	1	62	0.4	2
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		18.5	11.8	102	8.0	100	73	2	72	1.0	4
	MINIMUM		8.5	9.0	95	6.9	90	55	1	54	0.2	1
	MEAN		15.8	10.0	98	7.4	96	61	1	60	0.5	2

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	30605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDD MF/100ML LOG
69/06/24			1	0.16	0.10	0.1	0.003K	0.003K	40	2	0.01K	6
69/06/25			1	0.25	0.10	0.2	0.004	0.003K	60	5		12
69/08/19			1	0.05K	0.09	0.2	0.005	0.003K	20	1K		100
69/08/20				0.23	0.07	0.2	0.010	0.004	10	3		10K
69/08/21			1	0.05K		0.2	0.004	0.003K	30	2		
69/08/26			1	0.05K	0.10	0.2	0.006	0.004	20	4		20
69/08/27				0.07	0.05K	0.2	0.004	0.003K	10	6		30
69/08/28			1	0.13	0.06	0.2	0.003	0.003	30	3		
69/01/01												
YEAR	NUMBER		6	8.00	7.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		1	0.25	0.10	0.2	0.010	0.004	60	6	0.01	100
	MINIMUM		1	0.05	0.05	0.1	0.003	0.003	10	1	0.01	6
	MEAN		1	0.12	0.08	0.2	0.005	0.003	28	3	0.01	19

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

462926000427420 1.6
46 28 26.0 084 27 42.0
LOCATED @ IJC RANGE SMU 5.6 2200
00 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050

SMU 5.6-M79

2111202
0028 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			8.5	11.6	100	8.0	95	55	1	54		3
69/06/25			8.5				85	53	1	52		3
69/08/19			18.0			7.2	100	59	1	58	1.0	1
69/08/20			17.5	9.1	96		100				0.4	
69/08/21			18.0				95	74	1	73	1.0	1
69/08/26			18.0			7.0	100	61	2	59	0.3	2
69/08/27			16.5	9.1	94		94				0.3	
69/08/28			18.0				130	82	1	81	0.7	4
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		18.0	11.6	100	8.0	130	82	2	81	1.0	4
	MINIMUM		8.5	9.1	94	7.0	85	53	1	52	0.3	1
	MEAN		15.4	9.9	97	7.4	100	64	1	63	0.6	2
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMCDENOO MF/100ML LOG
69/06/24			1	0.09	0.27	0.1	0.003K	0.003K	50	3	0.01K	4
69/06/25			1	0.15	0.12	0.2	0.005	0.003K	70	5		2K
69/08/19			1	0.11	0.07	0.2	0.004	0.003K	20	1		120
69/08/20				0.05K	0.09	0.2	0.009	0.005	10	7		30
69/08/21			2	0.08	0.08	0.2	0.004	0.003K	50	4		
69/08/26			1	0.05K	0.07	0.2	0.006	0.003K	20	7		30
69/08/27				0.05K	0.05	0.2	0.003	0.003K	30	10		40
69/08/28			1	0.17	0.05K	0.4	0.004	0.003K	40	5		
69/01/01												
YEAR	NUMBER		6	8.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		2	0.17	0.27	0.4	0.009	0.005	70	10	0.01	120
	MINIMUM		1	0.05	0.05	0.1	0.003	0.003	10	1	0.01	2
	MEAN		1	0.09	0.10	0.2	0.005	0.003	36	5	0.01	18
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

462931008417440 117
46 29 31.0 084 19 44.0
LOCATED @ IJC RANGE SMD 2.0 100
26 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2111202
0007 FEET DEPTH

SMD 2.0-M109

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/06/24			9.5	8.1	100			1	40	2	0.01K	20
69/06/25			9.0		100			1	80	5		56
69/08/19			18.0	7.3	120	1.0	1	2	30	2		160
69/08/20			18.0		110	0.7			20	2		280
69/08/21			18.0		95	1.0	1	1	60	1		
69/08/26			18.0	7.0	100	0.4	2	2	30	1		60
69/08/27			18.0		100	0.3			30	4		330
69/08/28			19.0		130	0.9	4	2	50	2		
69/01/01												
YEAR	NUMBER		8.0	3.0	8	6.0	4	6	8	8	1.00	6
	MAXIMUM		19.0	8.1	130	1.0	4	2	80	5	0.01	330
	MINIMUM		9.0	7.0	95	0.3	1	1	20	1	0.01	20
	MEAN		15.9	7.5	107	0.7	2	2	43	2	0.01	100
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

46 29 35.0 084 19 41.0
LOCATED @ IJC RANGE SMD 2.0 500
26 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2111202
0027 FEET DEPTH
2

SMD 2.Q-M110

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROCMHO	00070 TURB JKSN JU	00945 SULFATE SC4 MC/L	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/06/24			9.5	8.0	95			1	40	2	0.01K	80
69/06/25			9.5		110			2	60	2		2
69/08/19			18.0	7.3	100	1.0	1	1	30	2		140
69/08/20			18.0		90	0.7			20	4		80
69/08/21			18.0		95	1.0	1	1	50	13		
69/08/26			18.5	6.9	100	0.3	2	1	20	5		180
69/08/27			19.0		100	0.4			30	5		200
69/08/28			19.0		130	0.5	4	1	40	4		
69/01/01												
YEAR	NUMBER		8.0	3.0	8	6.0	4	6	8	8	1.00	6
	MAXIMUM		19.0	8.0	130	1.0	4	2	60	13	0.01	200
	MINIMUM		9.5	6.9	90	0.3	1	1	20	2	0.01	2
	MEAN		16.2	7.4	103	0.7	2	1	36	5	0.01	63
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

4. 000000

46 25 43.0 C84 10 36.0
 LOCATED @ IJC RANGE SMD 2.0 1800
 26 MICHIGAN
 WESTERN GREAT LAKES
 ST. MARYS RIVER
 11150050

SMD 2.0-MIII

2111202
 0028 FEET DEPTH

DATE	TIME	DEPTH	00010	00400	00095	00070	00945	00940	01045	32730	00720	31501
FROM	OF		WATER	PH	CONDUCTVY	TURB	SULFATE	CHLORIDE	IRON	PHENOLS	CYANIDE	COLIFORM
TO	DAY	FEET	TEMP	S U	AT 25C	JKSN	SC4	CL	TOTAL	UG/L	CN	IMEDEND0
			CENT		MICROMHO	JU	MG/L	MG/L	UG/L		MG/L	MF/100ML
69/06/24			9.5	8.0	95			1	60	2	0.01K	25
69/06/25			9.5		95			1	70	2		10
69/08/11			18.0	7.2	100	0.6	2	2	30	1		30
69/08/20			18.0		100	0.6			30	4		120
69/08/21			18.0		95	0.9	1	1	60	2		
69/08/26			18.0	7.0	94	0.4	2	1	30	1		10
69/08/27			18.5		94	0.3			40	3		90
69/08/28			19.0		140	0.6	3	1	40	3		
69/01/01												
YEAR	NUMBER		8.0	3.0	8	6.0	4	6	8	8	1.00	6
	MAXIMUM		19.0	8.0	140	0.9	3	2	70	4	0.01	120
	MINIMUM		9.5	7.0	94	0.3	1	1	30	1	0.01	10
	MEAN		16.1	7.4	102	0.6	2	1	45	2	0.01	31
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

4 000 000 030 12
46 29 48.0 C84 19 33.0
LOCATED @ IJC RANGE SMD 2.0 2100
26 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2
2111202
0028 FEET DEPTH

SMD 2.0-M112

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICRMMHO	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/06/24			9.5	8.1	100			1	50	3	0.01K	20
69/06/25			9.0		95			1	70	8		2
69/08/19			18.0	7.4	100	1.0	1	2	30	1		30
69/08/20			18.0		100	0.4			30	5		70
69/08/21			17.5		110	3.0	1	2	50	6		
69/08/26			18.0	7.0	94	0.4	6	1	30	1K		40
69/08/27			18.5		84	0.3			40	3		120
69/08/28			19.0		94	0.8	2	1	30	4		
69/01/01												
YEAR	NUMBER		8.0	3.0	8	6.0	4	6	8	8	1.00	6
	MAXIMUM		19.0	8.1	110	3.0	6	2	70	8	0.01	120
	MINIMUM		9.0	7.0	84	0.3	1	1	30	1	0.01	2
	MEAN		15.9	7.5	97	1.0	3	1	41	4	0.01	27

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

4 700 280
46 29 57.0 084 19 28.0
LOCATED @ IJC RANGE SMD 2.0 3000
00 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2
2111202
0020 FEET DEPTH

SMD 2.0-M113

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICRCMH0	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/06/24			9.5	8.1	95			1	50	3	0.01K	20
69/06/25			9.0		100			1	80	8		26
69/08/19			18.0	7.2	100	1.0	1	1	30	2		170
69/08/20			18.0		90	0.8			40	9		400
69/08/21			17.5		120	5.0	2	2	60	25		
69/08/26			18.0	7.1	94	0.2	1	1	20	2		60
69/08/27			18.5		94	0.3			60	4		60
69/08/28			19.0		94	0.3	3	1	40	4		
69/01/01								1				
YEAR	NUMBER		8.0	3.0	8	6.0	4	6	8	8	1.00	6
	MAXIMUM		19.0	8.1	120	5.0	3	2	80	25	0.01	400
	MINIMUM		9.0	7.1	90	0.2	1	1	20	2	0.01	20
	MEAN		15.9	7.5	98	1.3	2	1	48	7	0.01	67
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

46 30 02.0 084 19 24.0
 LOCATED @ IJC RANGE SMD 2.0 3500
 00 MICHIGAN
 WESTERN GREAT LAKES
 ST. MARYS RIVER
 1115G050
 2

SMD 2.0-M114

2111202
 0020 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROCMHO	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/06/24			10.0	8.2	110			1	250	46	0.01K	270
69/06/25			9.5		100			2	60	47		160
69/08/19			18.0	7.3	130	2.0	2	1	60	36		4600
69/08/20			18.0		110	1.0			50	26		850
69/08/21			17.5		110	0.7	2	1	110	29		
69/08/26			18.0	7.0	94	0.3	5	1	90	88		6200
69/08/27			18.5		100	0.3			150	39		700
69/08/28			19.0		94	0.6	5	1	50	23		
69/01/01												
YEAR	NUMBER		8.0	3.0	8	6.0	4	6	8	8	1.00	6
	MAXIMUM		19.0	8.2	130	2.0	5	2	250	88	0.01	6200
	MINIMUM		9.5	7.0	94	0.3	2	1	50	23	0.01	160
	MEAN		16.1	7.5	106	0.8	4	1	103	42	0.01	950
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

46 30 05.0 C84 19 22.0
LOCATED @ IJC RANGE SMD 2.0 4000
00 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2

SMD 2.0 - M115

2111202
0016 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LUG
69/06/24			10.0	8.0	100			1	200	52	0.06	260
69/06/25			9.5		100			1	140	89		260
69/08/19			18.0	7.3	110	2.0	2	2	70	31		1600
69/03/20			18.0		100	0.4			120	41		1800
69/08/21			18.0		100	1.0	2	1	150	40		
69/08/26			18.0	6.9	100	0.3	4	1	130	72		3000
69/08/27			18.5		100	0.4			150	59		2800
69/08/28			19.0		140	0.5	8	2	100	33		
69/01/01												
YEAR	NUMBER		8.0	3.0	8	6.0	4	6	8	8	1.00	6
	MAXIMUM		19.0	8.0	140	2.0	8	2	200	89	0.06	3000
	MINIMUM		9.5	6.9	100	0.3	2	1	70	31	0.06	260
	MEAN		16.1	7.4	106	0.8	4	1	133	52	0.06	1085
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

200 6410 129
46 28 20.0 084 16 41.0
LOCATED @ IJC RANGE SMD 5.3W 100
26 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2
2111202
0006 FEET DEPTH

SMD 5.3W-M129

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C. MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			9.5	11.4	101	8.0	100	63	2	61		8
69/06/25			9.0				95	57	4	53		3
69/08/19			18.0			7.5	130	72	2	70	2.0	1
69/08/20			18.0	9.1	96		90				0.8	
69/08/21			18.0				100	87	6	81	1.0	1
69/08/26			18.5			6.8	100	58	2	56	0.9	2
69/08/27			18.0	8.8	93		94				0.2	
69/08/28			19.0				89	62	1	61	0.8	2
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		19.0	11.4	101	8.0	130	87	6	81	2.0	8
	MINIMUM		9.0	8.8	93	6.8	89	57	1	53	0.2	1
	MEAN		16.0	9.8	96	7.4	100	67	3	64	1.0	3
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENOO MF/100ML LOG
69/06/24			1	0.17	0.05K	0.1	0.006	0.004	40	5	0.01K	30
69/06/25			1	0.14	0.05K	0.2	0.009	0.006	100	4		64
69/08/19			2	0.05K	0.08	0.2	0.009	0.005	70	2		490
69/08/20				0.05K	0.11	0.2	0.040	0.040	50	2		90
69/08/21			1	0.05K	0.12	0.2	0.010	0.006	90	4		
69/08/26			1	0.05K	0.09	0.2	0.010	0.006	60	1		130
69/08/27				0.05K	0.05K	0.2	0.008	0.005	40	4		170
69/08/28			1	0.14	0.05K	0.2	0.009	0.005	50	2		
69/01/01												
YEAR	NUMBER		6	8.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		2	0.17	0.12	0.2	0.040	0.040	100	5	0.01	490
	MINIMUM		1	0.05	0.05	0.1	0.006	0.004	40	1	0.01	30
	MEAN		1	0.09	0.08	0.2	0.013	0.010	63	3	0.01	111
70/01/00												

STOREY RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

8220 637 8

46 28 22.0 084 16 37.0
LOCATED @ IJC RANGE SMD 5.3W 500
26 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2
2111202
0027 FEET DEPTH

SMD 5.3W-M130

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TCTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			9.5	11.5	102	8.0	100	61	1	60		1K
69/06/25			9.0				100	58	2	56		3
69/08/19			18.0			7.3	120	66	3	63	2.0	1
69/08/20			18.0	9.0	95		120				1.0	
69/08/21			17.5				100	61	5	56	2.0	2
69/08/26			18.0			7.0	94	55	1	54	0.7	1
69/08/27			18.0	9.1	96		84				0.4	
69/08/28			19.0				94	63	4	59	0.7	2
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		19.0	11.5	102	8.0	120	66	5	63	2.0	3
	MINIMUM		9.0	9.0	95	7.0	84	55	1	54	0.4	1
	MEAN		15.9	9.9	97	7.4	102	61	3	58	1.1	2

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND MF/100ML LOG
69/06/24			1	0.20	0.05K	0.1	0.004	0.003K	60	5	0.01K	60
69/06/25			1	0.13	0.05K	0.2	0.010	0.008	90	19		22
69/08/19			2		0.07	0.2	0.009	0.004	90	1		650
69/08/20				0.05K	0.05	0.2	0.007	0.006	40	3		80
69/08/21			2	0.05K	0.07	0.2	0.008	0.004	50	5		
69/08/26			1	0.05K	0.05	0.2	0.008	0.005	40	1K		50
69/08/27				0.05	0.05K	0.1	0.006	0.003	40	8		30
69/08/28			1	0.17	0.10	0.2	0.005	0.003K	20	4		
69/01/01												
YEAR	NUMBER		6	7.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		2	0.20	0.10	0.2	0.010	0.008	90	19	0.01	650
	MINIMUM		1	0.05	0.05	0.1	0.004	0.003	20	1	0.01	22
	MEAN		1	0.10	0.06	0.2	0.007	0.005	54	6	0.01	68

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

824/ 632 9
46 28 24.0 084 16 32.0
LOCATED ON IJC RANGESMD 5.3W 900
26 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2111202
0009 FEET DEPTH
2

SMD 5.3W-M131

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			9.5	11.6	103	8.0	100	65	2	63		3
69/06/25			9.0				95	58	4	54		3
69/08/19			18.0			7.3	120	72	1	71	2.0	1
69/08/20			18.0	9.0	95		120				1.0	
69/08/21			17.5				95	49	3	46	1.0	1
69/08/26			18.0			7.0	94	57	3	54	0.7	4
69/08/27			18.0	9.0	95		84				0.7	
69/08/28			19.0				94	68	3	65	0.8	4
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		19.0	11.6	103	8.0	120	72	4	71	2.0	4
	MINIMUM		9.0	9.0	95	7.0	84	49	1	46	0.7	1
	MEAN		15.9	9.9	97	7.4	100	62	3	59	1.0	3
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/06/24			1	0.29	0.05K	0.1	0.003	0.003K	30	25	0.01K	34
69/06/25			1	0.27	0.05K	0.2	0.007	0.004	80	7		22
69/08/19			2	0.05K	0.06	0.3	0.007	0.004	50	1K		90
69/08/20				0.05K	0.06	0.3	0.008	0.006	60	3		80
69/08/21			1	0.05	0.07	0.2	0.007	0.005	90	5		
69/08/26			1	0.05K	0.05K	0.4	0.008	0.003	60	1K		50
69/08/27				0.05K	0.06	0.2	0.005	0.003K	80	9		10
69/08/28			1	0.12	0.05K	0.2	0.004	0.003K	40	2		
69/01/01												
YEAR	NUMBER		3	8.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		2	0.29	0.07	0.4	0.008	0.006	90	25	0.01	90
	MINIMUM		1	0.05	0.05	0.1	0.003	0.003	30	1	0.01	10
	MEAN		1	0.12	0.06	0.2	0.006	0.004	61	7	0.01	37
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHRO 33-A

46 32 33.0 084 12 12.0
LOCATED @ IJC RANGE SMD 8.5E 100
26 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER

SMD 8.5E-M140

2111202
2 0009 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICRCHMO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			9.5	11.3	100	8.0	100	61	1	60		1
69/06/25			9.5				100	59	1	58		3
69/08/19			18.0			7.2	110	73	2	71	1.0	1
69/08/20			17.5	8.9	94		110				4.0	
69/08/21			17.5				100	64	5	59	2.0	1
69/08/26			18.0			7.0	94	68	3	65	0.3	3
69/08/27			18.0	8.8	93		89				0.4	
69/08/28			19.0				94	74	2	72	0.7	3
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		19.0	11.3	100	8.0	110	74	5	72	4.0	3
	MINIMUM		9.5	8.8	93	7.0	89	59	1	58	0.3	1
	MEAN		15.9	9.7	95	7.4	100	67	2	64	1.4	2

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/06/24			1	0.68	0.12	0.1	0.003K	0.003K	50	6	0.01K	35
69/06/25			1	0.16	0.10	0.2	0.005	0.003	100	11		64
69/08/19			2	0.05K	0.10	0.1	0.007	0.007	60	7		310
69/08/20				0.05K	0.10	0.2	0.060	0.006	70	9		610
69/08/21			2	0.05K	0.11	0.2	0.008	0.004	120	6		
69/08/26			1	0.05K	0.09	0.2	0.008	0.003K	50	7		200
69/08/27				0.05K	0.05	0.2	0.004	0.004	80	8		200
69/08/28			1	0.12	0.05	0.2	0.005	0.004	50	5		
69/01/01												
YEAR	NUMBER		6	8.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		2	0.68	0.12	0.2	0.060	0.007	120	11	0.01	610
	MINIMUM		1	0.05	0.05	0.1	0.003	0.003	50	5	0.01	35
	MEAN		1	0.15	0.09	0.2	0.013	0.004	73	7	0.01	160

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

463238008412130 745
46 32 38.0 084 12 13.0
LOCATED @ IJC RANGE SMD 8.5E 500
26 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2111202
2
0026 FEET DEPTH

SMD 8.5E-M142

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN. JU	00945 SULFATE SO4 MG/L
69/06/24			9.5	11.2	99	8.0	100	59	2	57		2
69/06/25			9.5				110	66	3	63		3
69/08/19			18.0			7.2	100	60	1	59	1.0	1
69/08/20			17.5	8.8	93		120				1.0	
69/08/21			17.5				100	64	4	60	2.0	1
69/08/26			18.0			7.0	94	66	2	64	0.4	4
69/08/27			18.0	8.6	91		84				0.4	
69/08/28			19.0				94	70	1	69	0.7	4
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		19.0	11.2	99	8.0	120	70	4	69	2.0	4
	MINIMUM		9.5	8.6	91	7.0	84	59	1	57	0.4	1
	MEAN		15.9	9.5	94	7.4	100	64	2	62	0.9	3

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LGG
69/06/24			1	0.24	0.35	0.1	0.006	0.004	90	18	0.01K	150
69/06/25			1	0.42	0.24	0.2	0.010	0.009	140	25		220
69/08/19			2	0.05	0.21	0.1	0.010	0.006	70	6		1000
69/08/20				0.05K	0.12	0.3	0.030	0.020	80	10		3900
69/08/21			1	0.05K	0.15	0.2	0.010	0.007	120	7		
69/08/26			1	0.05Y	0.13	0.2	0.010	0.007	80	9		1400
69/08/27				0.18	0.07	0.2	0.008	0.008	110	5		2300
69/08/28			1	0.15	0.07	0.2	0.009	0.005	70	4		
69/01/01												
YEAR	NUMBER		6	8.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		2	0.42	0.35	0.3	0.030	0.020	140	25	0.01	3900
	MINIMUM		1	0.05	0.07	0.1	0.006	0.004	70	4	0.01	150
	MEAN		1	0.15	0.17	0.2	0.012	0.003	95	11	0.01	863

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

400 2140 143
46 32 40.0 084 12 14.0
LOCATED @ IJC RANGE SMD 8.5E 800
00 MICHIGAN
WESTERN GREAT LAKES
ST. MARYS RIVER
1115G050
2111202
0007 FEET DEPTH
2

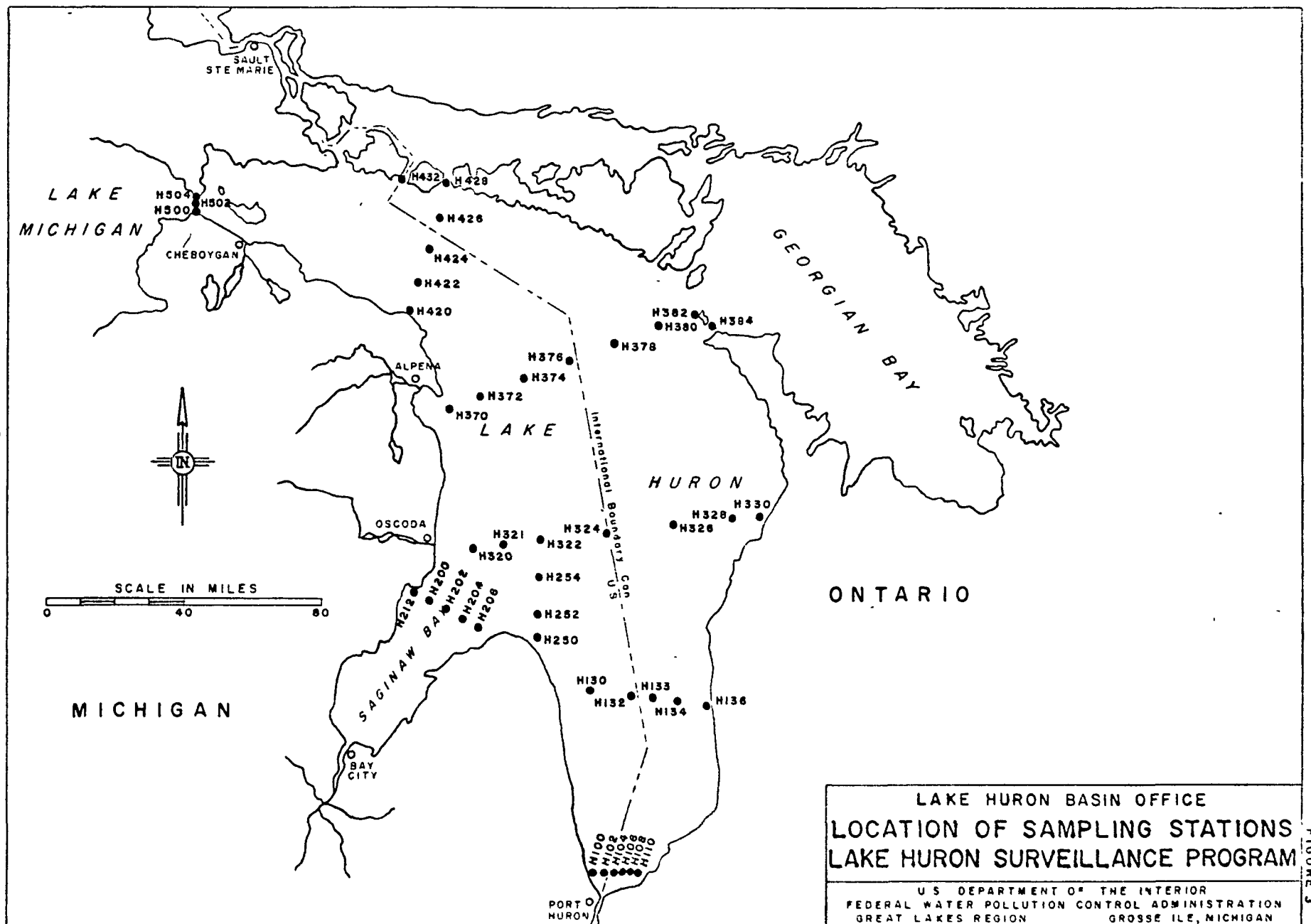
SMD 8.5E-M143

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/06/24			9.5	11.2	99	8.0	100	65	2	63		6
69/06/25			9.5				100	65	3	62		4
69/08/19			18.0			7.2	130	78	2	76	1.0	1K
69/08/20			17.5	8.7	92		120				3.0	
69/08/21			17.5				100	60	3	57	1.0	1
69/08/26			18.0			7.0	100	62	2	60	0.6	4
69/08/27			18.0	8.7	92		94				0.6	
69/08/28			19.0				94	65	5	60	0.7	4
69/01/01												
YEAR	NUMBER		8.0	3.0	3	3.0	8	6	6	6	6.0	6
	MAXIMUM		19.0	11.2	99	8.0	130	78	5	76	3.0	6
	MINIMUM		9.5	8.7	92	7.0	94	60	2	57	0.6	1
	MEAN		15.9	9.5	94	7.4	105	66	3	63	1.2	3

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND MF/100ML LOG
69/06/24			1	0.58	0.33	0.2	0.006	0.004	140	15	0.02	140
69/06/25			1	0.21	0.22	0.1	0.009	0.006	190	24		90
69/08/19			2	0.05K	0.13	0.3	0.020	0.010	140	8		1400
69/08/20				0.09	0.05K	0.2	0.010	0.010	90	9		1500
69/08/21			1	0.05K	0.11	0.2	0.010	0.009	110	12		
69/08/26			1	0.05K	0.14	0.2	0.020	0.020	80	8		790
69/08/27				0.05K	0.05	0.2	0.010	0.007	80	3		160
69/08/28			1	0.13	0.10	0.2	0.009	0.006	60	6		
69/01/01												
YEAR	NUMBER		6	8.00	8.00	8.0	8.000	8.000	8	8	1.00	6
	MAXIMUM		2	0.58	0.33	0.3	0.020	0.020	190	24	0.02	1500
	MINIMUM		1	0.05	0.05	0.1	0.006	0.004	60	3	0.02	90
	MEAN		1	0.15	0.14	0.2	0.012	0.009	111	11	0.02	387

70/01/00



FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

7540 3510
45 47 54.0 084 43 51.0
NEAR MACKINAW CITY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H500

STRAITS OF MACKINAC
H500

2111202
0063 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTIVITY AT 25C MICROCMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/16			18.0	8.2	92	250	150	4	140	0.3	6
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L
69/07/16			0.54	0.13	0.1	0.005	0.003	10
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LHBO 33-A

45-0854005643420-671
 45-08 51.0 084 45-42.0
 NEAR MACKINAW CITY
 26 MICHIGAN
 WESTERN GREAT LAKES
 LAKE HURON
 1115G050
 3

H502

~~STRAITS OF MACKINAC~~
 H502

2111202
 0124 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTIVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/16			19.0	8.2	96	240	140	6	140	0.3	6
69/01/01											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/16			0.61	0.11	0.2	0.004	0.003K	20
69/01/01								
70/01/00								

STOREY RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

45 49 58.0 084 43 42.0
NEAR ST IGNACE
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H504

STRAITS OF MACKINAC
H504

2111202
0043 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/16 69/01/01 YEAR 70/01/00			18.0	8.2	96	240	150	2	150	0.5	6

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/16 69/01/01 YEAR 70/01/00			1.20	0.12	0.1	0.005	0.003K	20

STORET RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

300 5000
45 22 30.0 083 29 00.0
NORTHERN LAKE HURON
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4

H420

LAKE HURON
H420

2111202
0096 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/21			20.0	8.2	76	200	110	1	110	0.3	4
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/21			0.39	0.08	0.2	0.004	0.003K	10
69/01/01								
YEAR								
70/01/00								

RET [REDACTED] DATE [REDACTED] 02/1/70

452930000725300 000422

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

45 29 30.0 083 25 30.0
NORTHERN LAKE HURON H422
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4
2111202
0288 FEET DEPTH

LAKE HURON
H422

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/23			19.0	7.9	68	180	120	1	120	0.3	5
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/23			0.13	0.07	0.2	0.004	0.003K	10
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

453730008321300 55H424
 45 37 30.0 083 21 30.0
 NORTHERN LAKE HURON H424
 26 MICHIGAN
 WESTERN GREAT LAKES
 LAKE HURON
 1115G050
 5
 2111202
 0468 FEET DEPTH

LAKE HURON
 H424

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJ JU	00940 CHLORIDE CL MG/L
69/07/22			19.0	7.8	67	120	100	1	100	0.4	4
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/22			0.18	0.07	0.2	0.005	0.003K	50
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

454515008317300 467
45 45 15.0 C83 17 30.0
NORTHERN LAKE HURON
00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4

H426

LAKE HURON
H426

2111202
0222 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/22			19.0	8.0	60	160	61	1	60	0.4	4
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/22			0.16	0.06	0.2	0.004	0.003K	20
69/01/01								
YEAR								
70/01/00								

SYGREN ASTRICAL DATE 20/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

5345 150 68
45 53 45.0 083 15 00.0
NORTHERN LAKE HURON
00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H428

LAKE HURON
H428

2111202
0084 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/22			19.0	7.9	56	180	110	1	100	0.2	4
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/22			0.18	0.07	0.2	0.003	0.003K	20
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

455445008331000 469
455445008331000 469
NORTHERN LAKE HURON
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H432

LAKE HURON
H432

2111202
0048 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLY MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/22			19.0	7.8	56	160	88	1	87	0.3	4

69/01/01
YEAR
70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/22			0.14	0.08	0.2	0.003	0.003K	30

69/01/01
YEAR
70/01/00

DRY SITE DATE 02/

44 58 36.0 083 15 00.0
 THUNDER BAY
 26 MICHIGAN
 WESTERN GREAT LAKES
 LAKE HURON
 1115G050
 2

H370

LAKE HURON
 H370

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

2111202
 0072 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/20			19.0	8.3	78	200	120	4	110	0.3	5
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 OPG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L
69/07/20			0.17	0.08	0.2	0.004	0.003K	10
69/01/01								
YEAR								
70/01/00								

45 05 30.0 082 47 45.0

H374

LAKE HURON
H374FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-426 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G0502111202
0432 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROMH0	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/23 69/01/01 YEAR 70/01/00			18.0	8.0	75	200	130	2	120	0.2	5

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/23 69/01/01 YEAR 70/01/00			0.20	0.07	0.3	0.003K	0.003K	10

STREET RETRIEVAL DATE 10/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

450930008231450 50H376
45 09 30.0 082 31 45.0

H376

LAKE HURON
H376

26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
5

2111202
0564 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/23			16.0	8.0	75	200	110	3	100	0.8	5
69/01/01											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/23			0.10	0.05K	0.2	0.008	0.004	20
69/01/01								
70/01/00								

451800008200000 455
45 18 00.0 082 00 00.0

H380

LAKE HURON
H380

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4

2111202
0264 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CNDUCTIVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			18.0	8.1	78	200	110	1	110	0.2		5
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TCTAL UG/L
69/07/23			0.23	0.05K	0.2	0.003	0.003K	10
69/01/01								
YEAR								
70/01/00								

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GEORGIAN BAY
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WESTERN GREAT LAKES
LAKE HURON
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2111202

0054 FEET DEPTH

DATE	TIME	DEPTH	00605	00610	00620	00665	00666	01045
FROM	OF		ORG N	AMMONIA	NITRATE	PHOS-T	PHOS-D	IRCN
TO	DAY	FEET	N	NH3-N	NO3-N	P-WET	P-WET	TOTAL
			MG/L	MG/L	MG/L	MG/L	MG/L	UG/L
69/07/23			0.18	0.05K	0.1	0.004	0.003K	10
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
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DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLY MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			18.5	8.1	74	190	62	1	61	0.2		5
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L
69/07/23			0.27	0.05K	0.1	0.020	0.020	20
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
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 LH80 33-A

112500008307450 432
 44 25 0076 183 07 15.0

H320

LAKE HURON

H320

26 MICHIGAN
 WESTERN GREAT LAKES
 LAKE HURON
 1115G050
 4

2111202
 0150 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			18.5	8.2	78	220	140	8	130	0.6	13	6
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/23			0.18	0.08	0.1	0.007	0.003K	40
69/01/01								
YEAR								
70/01/00								

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44 26 00.0 032 46 30.0

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
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LHBO 33-A

26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050

LAKE HURON
H321

2111202
0039 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/20			20.0	8.2	78	200	120	1	120	0.2	5
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/20			0.18	0.09	0.2	0.003	0.003K	20
69/01/01								
YEAR								
70/01/00								

SECRET DATE 70/02/77

442630000243450 50H322

44 26 30.0 082 43 45.0

H322

LAKE HURON
H322

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
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LH80 33-A

26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4

2111202
0216 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT AFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			18.5	8.2	78	200	140	1	140	0.2	20	5
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L
69/07/23			0.21	0.05K	0.1	0.004	0.003K	10
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

2715000000450 125
47 27 19.0 082 20 45.0

H324

LAKE HURON

H324

26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
5

2111202
0276 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACCO3 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			19.0	8.1	71	180	140	2	130	0.3	15	5
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRGN TOTAL UG/L
69/07/23			0.26	0.05K	0.2	0.004	0.003K	30
69/01/01								
YEAR								
70/01/00								

SYORET RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

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44 29 45.0 081 56 15.0
H326
00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
5
2111202
0660 FEET DEPTH

LAKE HURON
H326

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROCMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			19.0	8.2	76	210	99	2	97	0.2	16	5
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IPCIN TCTAL UG/L
69/07/23			0.18	0.05K	0.2	0.005	0.003	20
69/01/01								
YEAR								
70/01/00								

STORET RETRIEVAL DATE 70/02/17

000000135450 427
44 20 00.0 081 55 45.0

H328

LAKE HURON

H328

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
5

2111202
0192 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			21.0	8.2	80	200	110	2	110	0.3	16	5
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/23			0.19	0.05K	0.2	0.003	0.003K	50
69/01/01								
YEAR								
70/01/00								

SECRET DATE 70/02/17

0300 600 H330

44 30 30.0 081 26 00.0

H330

LAKE HURON
H330

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
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LH80 33-A

00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4

2111202
0060 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			19.5	8.1	75	210	140	4	130	0.3		5
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/23			0.17	0.05K	0.2	0.004	0.003K	20
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
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300 150 1212
44 14 30.0 083 28 15.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H212

SAGINAW BAY
H212

2111202
0031 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			19.0	8.2	74	210	130	1	120	0.3	15	6
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCIN TOTAL UG/L
69/07/23			0.19	0.06	0.1	0.007	0.004	30
69/01/01								
YEAR								
70/01/00								

SECRET RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
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LH80 33-A

44 12 24.0 083 23 00.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
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H200

SAGINAW BAY
H200

2111202
0066 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTIVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE S04 MG/L	00940 CHLORIDE CL MG/L
69/07/24			18.5	8.3	80	250	150	5	140	0.9	17	11
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NC3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L
69/07/24			0.12	0.06	0.1	0.008	0.003K	20
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A0180 742 2
44 10 10.0 083 17 42.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H202

SAGINAW BAY
H2022111202
0080 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTVY AT 25C MICROCMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/24 69/01/01 YEAR 70/01/00			18.5	8.4	80	230	140	3	140	0.5	16	10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/24 69/01/01 YEAR 70/01/00			0.22	0.05	0.1	0.006	0.003	20

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
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44 07 21.0 083 10 12.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
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H204

SAGINAW BAY
H204

2111202
0097 FEET, DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTIVY AT 25C MICROCMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/24			18.5	8.4	77	230	140	2	140	0.3	16	9
69/01/01												
YEAR												
7C/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/24			0.19	0.05K	0.1	0.005	0.003K	40
69/01/01								
YEAR								
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
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44 05 15.0 083 04 57.0
 SAGINAW BAY
 26 MICHIGAN
 WESTERN GREAT LAKES
 LAKE HURON
 1115G050

H206

SAGINAW BAY
 H206

2111202
 0061 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICRCMH0	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/24			18.5	8.3	77	220	140	2	130	0.4	18	7
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/24			0.17	0.09	0.1	0.004	0.003K	20
69/01/01								
YEAR								
70/01/00								

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 44 03 00.0 082 45 00.0

H250

LAKE HURON

H250

 FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
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 26 MICHIGAN
 WESTERN GREAT LAKES
 LAKE HURON
 1115G050
 3

 2111202
 0035 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CNDUCTVY AT 25C MICRCMH0	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			18.0	8.4	78	210	140	2	140	0.4	12	6
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/23			0.20	0.13	0.2	0.005	0.003K	30
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
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300 450 252
 44 08 30.0 082 44 45.0

H252

LAKE HURON
 H252

26 MICHIGAN
 WESTERN GREAT LAKES
 LAKE HURON
 1115G050
 4

2111202
 0162 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			19.5	8.2	74	210	140	1	130	0.3	11	6
69/01/01												
YEAR												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/23			0.22	0.05K	0.1	0.003	0.003K	20
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION.
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

4 500 300 254
44 17 45.0 082 44 30.0

H254

LAKE HURON
H254

26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050

2111202
0204 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			19.0	8.3	74	200	130	1	130	0.2	20	6
69/01/01												
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRGN TOTAL UG/L
69/07/23			0.20	0.05K	0.2	0.004	0.003K	10
69/01/01								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

300 600 1130
43 49 30.0 082 26 00.0
SOUTHERN LAKE HURON H130
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4 2111202
0174 FEET DEPTH

LAKE HURON
H130

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00370 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			19.0	8.2	78	210	130	7	120	0.7	7
69/01/01											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/17			0.38	0.12	0.2	0.020	0.020	20
69/01/01								
70/01/00								

STORET RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

450 1300
43 47 45.0 C82 11 30.0
SOUTHERN LAKE HURON
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4

H132

LAKE HURON
H132

2111202
0210 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TUT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			19.0	8.2	78	210	110	3	110	0.3	5
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCIN TOTAL UG/L
69/07/17			0.84	0.11	0.2	0.004	0.003K	10
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

000 430
43 47 00.0 082 04 30.0
SOUTHERN LAKE HURON
00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4

H133

LAKE HURON
H133

2111202
0354 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			19.0	8.0	77	200	140	7	140	0.2	7
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-P P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/17			0.19	0.18	0.3	0.003	0.003K	10
69/01/01								
YEAR								
70/01/00								

RET IEV DATE 02/1

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

43 46 00.0 081 56 15.0
SOUTHERN LAKE HURON
00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
4

H134

LAKE HURON
H134

2111202
0210 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			19.5	8.0	80	200	120	3	120	0.2	5
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/17			0.49	0.08	0.5	0.003	0.003K	10
69/01/01								
YEAR								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

430530000127010 50H100
43 05 30.0 082 27 07.0
SOUTHERN LAKE HURON
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H100

LAKE HURON
H100

2111202
0018 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICROCMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			21.5	8.2	80	200	150	2	150	0.5	5
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L
69/07/17			0.14	0.13	0.2	0.003	0.003K	20
69/01/01								
YEAR								
70/01/00								

STORET RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

430530008224540 402
30 02 4.0
SOUTHERN LAKE HURON
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
2

H102

LAKE HURON
H102

2111202
0025 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			21.5	8.2	80	200	140	1	130	0.6	5

69/01/01
YEAR
70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L
69/07/17			0.15	0.08	0.2	0.003	0.003K	20

69/01/01
YEAR
70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

430530008221310 50H104
 43 05 30.0 082 21 31.0
 SOUTHERN LAKE HURON H104
 00 MICHIGAN
 WESTERN GREAT LAKES
 LAKE HURON
 1115G050
 3
 2111202
 0037 FEET DEPTH

LAKE HURON
 H104

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			21.0	8.3	78	210	130	3	130	0.3	5
69/01/01											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/17			0.12	0.07	0.2	0.003	0.003K	10
69/01/01								
70/01/00								

STOREY RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

630530008218100 404
30.0 82 10 10.0
SOUTHERN LAKE HURON
00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H106

LAKE HURON

H106

2111202
0040 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			21.5	8.2	80	210	200	3	190	0.4	5
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/17			0.16	0.10	0.3	0.004	0.003K	10
69/01/01								
YEAR								
70/01/00								

STORET RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

300 4480 1108
43 05 30.0 082 14 48.0
SOUTHERN LAKE HURON H108
00 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
2111202
0037 FEET DEPTH

LAKE HURON
H108

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			21.0	8.2	80	210	140	1	140	0.3	5
69/01/01											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/17			0.16	0.07	0.3	0.003	0.003K	10K
69/01/01								
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

11150500001250106
 43 05 30.0 082 11 25.0
 SOUTHERN LAKE HURON
 00 MICHIGAN
 WESTERN GREAT LAKES
 LAKE HURON
 1115G050
 3

H110

LAKE HURON

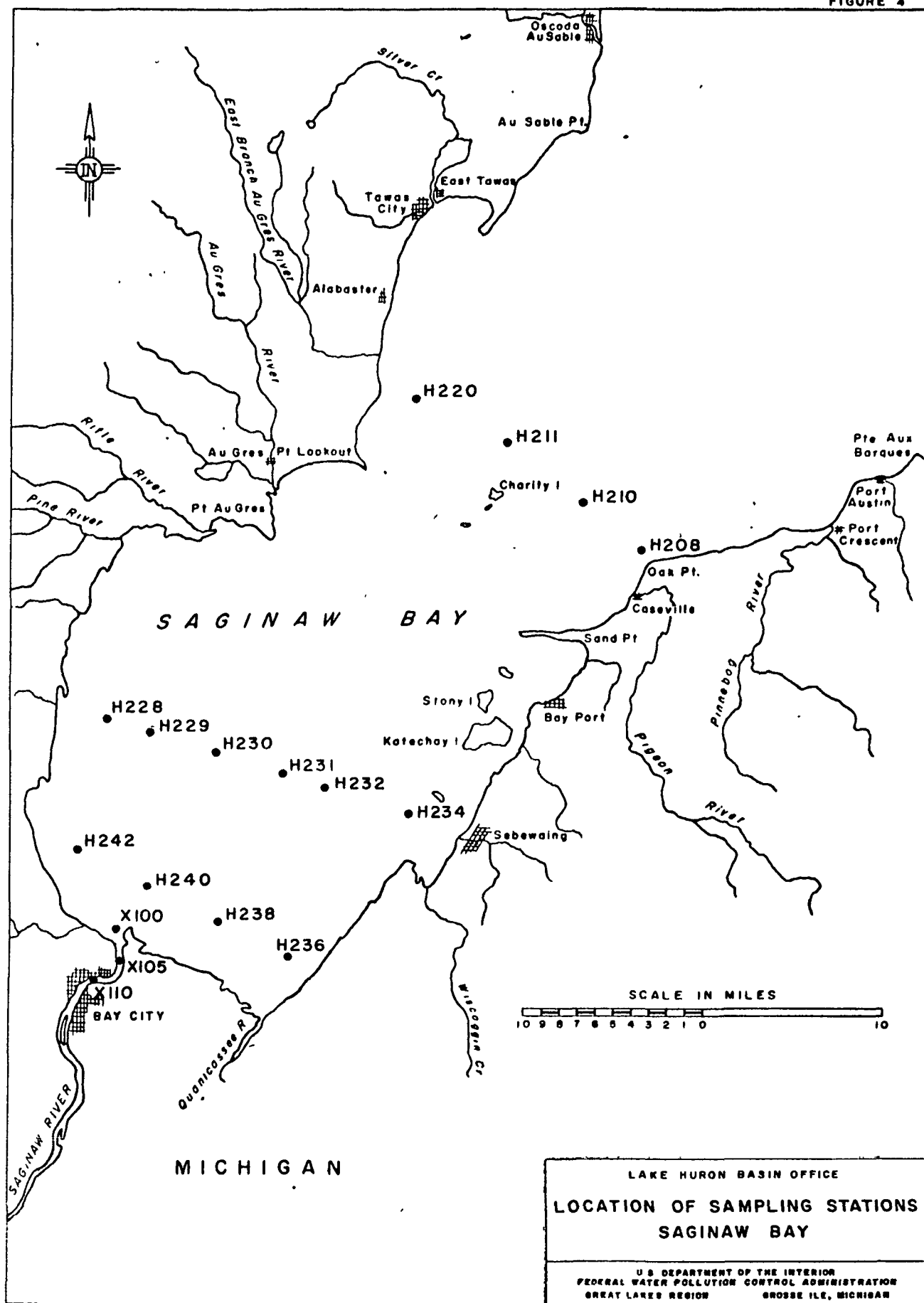
H110

2111202
 0021 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 ALK CACO3 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L
69/07/17			21.0	8.1	81	200	120	3	120	0.5	5
69/01/01											
YEAR											
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/17			0.17	0.08	0.3	0.006	0.004	20
69/01/01								
YEAR								
70/01/00								

FIGURE 4



FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

43 36 50.0 083 52 06.0
SAGINAW RIVER LHPO NO.X110
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON, SAGINAW BAY, SAGINAW BASIN
11150050 2111204
2 0024 FEET DEPTH

SAGINAW RIVER
X110

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CACO3 MG/L
69/07/08			23.5			7.9	160
69/07/30			25.0	3.1	37	7.9	
69/08/13			25.0			8.3	200
69/01/01							
YEAR	NUMBER		3.0	1.0	1	3.0	2
	MAXIMUM		25.0	3.1	37	8.3	200
	MINIMUM		23.5	3.1	37	7.9	160
	MEAN		24.5	3.1	37	8.0	180

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICRONEIO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			650	490	38	460	25	38	84
69/07/30			760	620	35	580	25	59	39
69/08/13			800	670	24	640	20	69	150
69/01/01									
YEAR	NUMBER		3	3	3	3	3	3	3
	MAXIMUM		800	670	38	640	25	69	150
	MINIMUM		650	490	24	460	20	38	39
	MEAN		737	593	32	560	23	55	91

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.78	0.47	0.8	0.400	0.240	1100			
69/07/30			0.05K	0.08	1.0	0.300	0.220		1	3700	490
69/08/13			1.30	0.74	0.6	0.370	0.260	820			
69/01/01											
YEAR	NUMBER		3.00	3.00	3.0	3.000	3.000	2	1	1	1
	MAXIMUM		1.30	0.74	1.0	0.400	0.260	1100	1	3700	490
	MINIMUM		0.05	0.08	0.6	0.300	0.220	820	1	3700	490
	MEAN		0.71	0.43	0.8	0.357	0.240	960	1	3700	490

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

43363706550250 2111204
43 36 37.0 083 50 25.0
SAGINAW RIVER PINE RD BAY CITY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
1
2111204
0021 FEET DEPTH

SAGINAW RIVER
X105

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CACO3 MG/L
69/07/08			23.0			8.0	160
69/07/30			25.5	2.6	32	7.8	
69/08/13			24.0			8.3	170
69/01/01							
YEAR	NUMBER		3.0	1.0	1	3.0	2
	MAXIMUM		25.5	2.6	32	8.3	170
	MINIMUM		23.0	2.6	32	7.8	160
	MEAN		24.2	2.6	32	8.0	165

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			660	510	30	480	25.0	37	90
69/07/30			320	650	34	620	25.0	61	120
69/08/13			830	640	23	620	20.0	66	140
69/01/01									
YEAR	NUMBER		3	3	3	3	3.0	3	3
	MAXIMUM		830	650	34	620	25.0	66	140
	MINIMUM		660	510	23	480	20.0	37	90
	MEAN		770	600	29	573	23.3	55	117

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.72	0.46	0.7	0.300	0.200	1000			
69/07/30			0.68	0.16	0.9	0.360	0.060		4	13000	830
69/08/13			1.00	0.62	0.7	0.410	0.260	890			
69/01/01											
YEAR	NUMBER		3.00	3.00	3.0	3.000	3.000	2	1	1	1
	MAXIMUM		1.00	0.68	0.9	0.410	0.260	1000	4	13000	830
	MINIMUM		0.68	0.16	0.7	0.300	0.060	890	4	13000	830
	MEAN		0.80	0.43	0.8	0.357	0.173	945	4	13000	830

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

43 39 15.0 083 51 00.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
2

X100

SAGINAW RIVER
X100

2111202
0024 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CAC03 MG/L
69/07/08			20.0			8.8	100
69/07/30			24.5	9.2	110	8.7	
69/08/13			22.5			8.7	140
69/01/01	NUMBER		3.0	1.0	1	3.0	2
YEAR	MAXIMUM		24.5	9.2	110	8.8	140
	MINIMUM		20.0	9.2	110	8.7	100
	MEAN		22.3	9.2	110	8.7	120

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			400	310	12	300	8.0	30	42
69/07/30			450	320	12	310	15.0	32	140
69/08/13			410	310	23	290	20.0	28	47
69/01/01	NUMBER		3	3	3	3	3.0	3	3
YEAR	MAXIMUM		450	320	23	310	20.0	32	140
	MINIMUM		400	310	12	290	8.0	28	42
	MEAN		420	313	16	300	14.3	30	76

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDFNDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.74	0.25	0.1K	0.060	0.020	290			
69/07/30			0.76	0.76	0.1	0.080	0.020		4	20K	2K
69/08/13			0.88	0.21	0.1	0.130	0.040	500			
69/01/01	NUMBER		3.00	3.00	3.0	3.000	3.000	2	1	1	1
YEAR	MAXIMUM		0.88	0.76	0.1	0.130	0.040	500	4	20	2
	MINIMUM		0.74	0.21	0.1	0.060	0.020	290	4	20	2
	MEAN		0.79	0.41	0.1	0.090	0.027	395	4	20	2

70/01/00

150 730
43 38 15.0 083 39 30.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H236

SAGINAW BAY
H236

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

2111202
0010 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CACO3 MG/L
69/07/08			19.5			8.6	100
69/08/13			22.0			9.0	100
69/01/01							
YEAR	NUMBER		2.0			2.0	2
	MAXIMUM		22.0			9.0	100
	MINIMUM		19.5			8.6	100
	MEAN		20.8			8.8	100

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT AFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJ JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			400	280	15	270	15.0	30	40
69/08/13			460	340	17	320	15.0	32	63
69/01/01									
YEAR	NUMBER		2	2	2	2	2.0	2	2
	MAXIMUM		460	340	17	320	15.0	32	63
	MINIMUM		400	280	15	270	15.0	30	40
	MEAN		430	310	16	295	15.0	31	52

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.59	0.42	0.1	0.050	0.010	300			
69/08/13			1.00	0.19	0.1K	0.140	0.040	110			
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2			
	MAXIMUM		1.00	0.42	0.1	0.140	0.040	300			
	MINIMUM		0.59	0.19	0.1	0.050	0.010	110			
	MEAN		0.80	0.31	0.1	0.095	0.025	205			

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

43 39 45.0 083 44 00.0
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H238

SAGINAW BAY
H238

2111202
0007 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CACO3 MG/L
69/07/08			19.0			8.8	97
69/07/30			23.5	8.2	96	8.3	
69/08/13			22.0			9.0	94
69/01/01							
YEAR	NUMBER		3.0	1.0	1	3.0	2
	MAXIMUM		23.5	8.2	96	9.0	97
	MINIMUM		19.0	8.2	96	8.3	94
	MEAN		21.5	8.2	96	8.7	96

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJ JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			360	260	9	250	5.0	26	35
69/07/30			400	300	12	280	10.0	27	47
69/08/13			340	290	16	270	6.0	27	44
69/01/01									
YEAR	NUMBER		3	3	3	3	3.0	3	3
	MAXIMUM		400	300	16	280	10.0	27	47
	MINIMUM		340	260	9	250	5.0	26	35
	MEAN		367	283	12	267	7.0	27	42

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LGG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.59	0.15	0.1K	0.040	0.010	150			
69/07/30			0.63	0.17	0.1K	0.080	0.030		1	190	20K
69/08/13			0.83	0.14	0.1K	0.090	0.020	100			
69/01/01											
YEAR	NUMBER		3.00	3.00	3.0	3.000	3.000	2	1	1	1
	MAXIMUM		0.83	0.17	0.1	0.090	0.030	150	1	190	20
	MINIMUM		0.59	0.14	0.1	0.040	0.010	100	1	190	20
	MEAN		0.68	0.15	0.1	0.070	0.020	125	1	190	20

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

434121008349030 622
43 41 21.0 083 49 03.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
2

H240

SAGINAW BAY
H240

2111202
0024 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CACO3 MG/L
69/07/08			19.0			8.5	100
69/07/30			23.5	7.3	86	8.4	
69/08/13			22.0			8.8	100
69/01/01							
YEAR	NUMBER		3.0	1.0	1	3.0	2
	MAXIMUM		23.5	7.3	86	8.8	100
	MINIMUM		19.0	7.3	86	8.4	100
	MEAN		21.5	7.3	86	8.6	100

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			380	280	19	260	15.0	29	40
69/07/30			410	300	7	300	10.0	28	49
69/08/13			380	300	21	280	20.0	26	42
69/01/01									
YEAR	NUMBER		3	3	3	3	3.0	3	3
	MAXIMUM		410	300	21	300	20.0	29	49
	MINIMUM		380	280	7	260	10.0	26	40
	MEAN		390	293	16	280	15.0	28	44

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMCDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.54	0.38	0.1K	0.070	0.020	330			
69/07/30			0.59	0.28	0.1K	0.100	0.050		1	10K	20K
69/08/13			0.64	0.37	0.1	0.110	0.070	350			
69/01/01											
YEAR	NUMBER		3.00	3.00	3.0	3.000	3.000	2	1	1	1
	MAXIMUM		0.64	0.38	0.1	0.110	0.070	350	1	10	20
	MINIMUM		0.54	0.28	0.1	0.070	0.020	330	1	10	20
	MEAN		0.59	0.34	0.1	0.093	0.047	340	1	10	20

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

300 10054000 10H242
43 43 00.0 083 54 00.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H242

SAGINAW BAY
H242

2111202
0012 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CACO3 MG/L
69/07/08			19.5			8.8	100
69/07/30			23.5	9.5	112	9.0	
69/08/13			23.0			8.8	100
69/01/01							
YEAR	NUMBER		3.0	1.0	1	3.0	2
	MAXIMUM		23.5	9.5	112	9.0	100
	MINIMUM		19.5	9.5	112	8.8	100
	MEAN		22.0	9.5	112	8.9	100

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICRMOH	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLY MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			350	270	10	260	9.0	24	32
69/07/30			460	360	12	350	15.0	33	61
69/08/13			390	300	14	290	15.0	26	42
69/01/01									
YEAR	NUMBER		3	3	3	3	3.0	3	3
	MAXIMUM		460	360	14	350	15.0	33	61
	MINIMUM		350	270	10	260	9.0	24	32
	MEAN		400	310	12	300	13.0	28	45

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENCLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.62	0.22	0.1K	0.050	0.020	510			
69/07/30			0.99	0.19	0.1K	0.110	0.060		1	10K	20K
69/08/13			0.65	0.34	0.1K	0.100	0.010	280			
69/01/01											
YEAR	NUMBER		3.00	3.00	3.0	3.000	3.000	2	1	1	1
	MAXIMUM		0.99	0.34	0.1	0.110	0.060	510	1	10	20
	MINIMUM		0.62	0.19	0.1	0.050	0.010	280	1	10	20
	MEAN		0.75	0.25	0.1	0.087	0.030	395	1	10	20

70/01/00

434530008331200 80H234
43 45 30.0 083 31 20.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
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H234

SAGINAW BAY
H234

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

2111202
0009 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CACO3 MG/L				
69/07/08			20.0			8.8	92				
69/08/13			22.0			9.0	88				
69/01/01											
YEAR	NUMBER		2.0			2.0	2				
	MAXIMUM		22.0			9.0	92				
	MINIMUM		20.0			8.8	88				
	MEAN		21.0			8.9	90				
70/01/00											
DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L		
69/07/08			400	280	8	280	10.0	37	44		
69/08/13			460	350	27	330	25.0	34	68		
69/01/01											
YEAR	NUMBER		2	2	2	2	2.0	2	2		
	MAXIMUM		460	350	27	330	25.0	37	68		
	MINIMUM		400	280	8	280	10.0	34	44		
	MEAN		430	315	18	305	17.5	36	56		
70/01/00											
DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.58	0.43	0.1K	0.040	0.007	70			
69/08/13			1.60	0.24	0.1K	0.100	0.010	130			
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2			
	MAXIMUM		1.60	0.43	0.1	0.100	0.010	130			
	MINIMUM		0.58	0.24	0.1	0.040	0.007	70			
	MEAN		1.09	0.34	0.1	0.070	0.009	100			
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

464 337 0H2
43 46 45.0 083 37 15.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H232

SAGINAW BAY
H232

2111202
0011 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CAC03 MG/L		
69/07/08			20.0			8.6	100		
69/08/13			22.0			9.0	89		
69/01/01									
YEAR	NUMBER		2.0			2.0	2		
	MAXIMUM		22.0			9.0	100		
	MINIMUM		20.0			8.6	89		
	MEAN		21.0			8.8	95		
70/01/00									
DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			380	280	11	270	6.0	26	35
69/08/13			320	220	20	200	6.0	22	29
69/01/01									
YEAR	NUMBER		2	2	2	2	2.0	2	2
	MAXIMUM		380	280	20	270	6.0	26	35
	MINIMUM		320	220	11	200	6.0	22	29
	MEAN		350	250	16	235	6.0	24	32
70/01/00									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.63	0.42	0.1K	0.080	0.040	280			
69/08/13			1.00	0.16	0.1K	0.070	0.020	80			
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2			
	MAXIMUM		1.00	0.42	0.1	0.080	0.040	280			
	MINIMUM		0.63	0.16	0.1	0.070	0.020	80			
	MEAN		0.81	0.29	0.1	0.075	0.030	180			
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

43472 43472 34000 25H22
43 47 24.0 083 40 00.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
1

SAGINAW BAY
H231

2111202
0024 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DU SATUR PERCENT	00400 PH S U	00410 T ALK CAC03 MG/L
69/07/08			19.5			8.0	90
69/08/13			22.0			8.6	95
69/01/01							
YEAR	NUMBER		2.0			2.0	2
	MAXIMUM		22.0			8.6	95
	MINIMUM		19.5			8.0	90
	MEAN		20.8			8.3	93

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			370	340	100	240	35.0	36	38
69/08/13			310	220	8	210	6.0	22	28
69/01/01									
YEAR	NUMBER		2	2	2	2	2.0	2	2
	MAXIMUM		370	340	100	240	35.0	36	38
	MINIMUM		310	220	8	210	6.0	22	28
	MEAN		340	280	54	225	20.5	29	33

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LUG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.48	0.14	0.1K	0.490	0.110	960			
69/08/13			0.78	0.13	0.1K	0.060	0.010	140			
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2			
	MAXIMUM		0.78	0.14	0.1	0.490	0.110	960			
	MINIMUM		0.48	0.13	0.1	0.060	0.010	140			
	MEAN		0.63	0.14	0.1	0.275	0.060	550			

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

348 344 60H
43 48 24.0 C83 44 27.0
SAGINAW BAY
26 MICHIGAN
WESTERN FREAT LAKES
LAKE HURON
1115G050
3

H230

SAGINAW BAY
H230

2111202
0025 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CACO3 MG/L
69/07/08			19.5			8.6	100
69/08/13			22.5			8.8	93
69/01/01							
YEAR	NUMBER		2.0			2.0	2
	MAXIMUM		22.5			8.8	100
	MINIMUM		19.5			8.6	93
	MEAN		21.0			8.7	97

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROCM-HC	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SC4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			390	270	9	260	6.0	27	38
69/08/13			300	220	2	220	4.0	20	26
69/01/01									
YEAR	NUMBER		2	2	2	2	2.0	2	2
	MAXIMUM		390	270	9	260	6.0	27	38
	MINIMUM		300	220	2	220	4.0	20	26
	MEAN		345	245	6	240	5.0	24	32

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDD MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/08			0.67	0.27	0.1K	0.060	0.020	300			
69/08/13			0.52	0.11	0.1K	0.110	0.080	80			
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2			
	MAXIMUM		0.67	0.27	0.1	0.110	0.080	300			
	MINIMUM		0.52	0.11	0.1	0.060	0.020	80			
	MEAN		0.60	0.19	0.1	0.085	0.050	190			

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

434921008348450 25H229
43 49 21.0 083 48 45.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
2111202
0024 FEET DEPTH

SAGINAW BAY
H229

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CAC03 MG/L
69/07/08			19.5			8.8	100
69/08/13			22.5			8.8	100
69/01/01							
YEAR	NUMBER		2.0			2.0	2
	MAXIMUM		22.5			8.8	100
	MINIMUM		19.5			8.8	100
	MEAN		21.0			8.8	100
70/01/00							

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			380	280	6	270	6.0	28	37
69/08/13			380	260	12	250	15.0	25	41
69/01/01									
YEAR	NUMBER		2	2	2	2	2.0	2	2
	MAXIMUM		380	280	12	270	15.0	28	41
	MINIMUM		380	260	6	250	6.0	25	37
	MEAN		380	270	9	260	10.5	27	39
70/01/00									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-44.5 MF/100ML LOG
69/07/08			0.54	0.35	0.1K	0.050	0.020	200			
69/08/13			0.76	0.24	0.1K	0.090	0.040	260			
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2			
	MAXIMUM		0.76	0.35	0.1	0.090	0.040	260			
	MINIMUM		0.54	0.24	0.1	0.050	0.020	200			
	MEAN		0.65	0.30	0.1	0.070	0.030	230			
70/01/00											

43 50 00.0 083 51 45.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H228

SAGINAW BAY
H228

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

2111202
0012 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CAC03 MG/L
69/07/08			19.5			8.8	110
69/08/13			22.5			8.9	96
69/01/01							
YEAR	NUMBER		2.0			2.0	2
	MAXIMUM		22.5			8.9	110
	MINIMUM		19.5			8.8	96
	MEAN		21.0			8.9	103

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJ JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/08			440	320	13	310	8.0	33	50
69/08/13			330	240	11	230	15.0	23	33
69/01/01									
YEAR	NUMBER		2	2	2	2	2.0	2	2
	MAXIMUM		440	320	13	310	15.0	33	50
	MINIMUM		330	240	11	230	8.0	23	33
	MEAN		385	280	12	270	11.5	28	42

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TCTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC CULI MF-C44.5 MF/100ML LOG
69/07/08			0.84	0.36	0.1K	0.070	0.020	180			
69/08/13			0.52	0.37	0.1K	0.110	0.080	280			
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2			
	MAXIMUM		0.84	0.37	0.1	0.110	0.080	280			
	MINIMUM		0.52	0.36	0.1	0.070	0.020	180			
	MEAN		0.68	0.37	0.1	0.090	0.050	230			

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

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43 59 00.0 083 20 25.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

H208

SAGINAW BAY
H208

2111202
0019 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICROCMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/09			15.0	7.9	91	200	170	3	170	3.0	16	8
69/08/14			22.0	7.9	88	320	250	10	240	5.0	25	31
69/01/01												
YEAR	NUMBER		2.0	2.0	2	2	2	2	2	2.0	2	2
	MAXIMUM		22.0	7.9	91	320	250	10	240	5.0	25	31
	MINIMUM		15.0	7.9	88	200	170	3	170	3.0	16	8
	MEAN		18.5	7.9	90	260	210	7	205	4.0	21	20

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/09			0.35	0.09	0.1	0.030	0.030	60
69/08/14			0.65	0.05K	0.1K	0.040	0.020	130
69/01/01								
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2
	MAXIMUM		0.65	0.09	0.1	0.040	0.030	130
	MINIMUM		0.35	0.05	0.1	0.030	0.020	60
	MEAN		0.50	0.07	0.1	0.035	0.025	95

70/01/00

FORE TRI DATE 70/02/17

43 01 15.0 083 16 25.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

H210
SAGINAW BAY
H210

2111202
0026 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CNDUCTVY AT 25C MICRCMHQ	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 PG/L	00940 CHLORIDE CL MG/L
69/07/09			16.5	8.6	85	220	170	7	160	2.0	15	15
69/08/14			21.0	8.0	86	300	220	3	220	3.0	21	25
69/01/01												
YEAR	NUMBER		2.0	2.0	2	2	2	2	2	2.0	2	2
	MAXIMUM		21.0	8.6	86	300	220	7	220	3.0	21	25
	MINIMUM		16.5	8.0	85	220	170	3	160	2.0	15	15
	MEAN		18.8	8.3	86	260	195	5	190	2.5	18	20

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRCN TOTAL UG/L
69/07/09			0.28	0.05	0.1	0.050	0.040	120
69/08/14			0.66	0.05K	0.1K	0.030	0.007	40
69/01/01								
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2
	MAXIMUM		0.66	0.05	0.1	0.050	0.040	120
	MINIMUM		0.28	0.05	0.1	0.030	0.007	40
	MEAN		0.47	0.05	0.1	0.040	0.024	80

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

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44 04 09.0 083 25 33.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
1

SAGINAW BAY
H211

2111202
0024 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CACO3 MG/L	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/09			17.5	8.7	85	240	180	3	180	3.0	18	15
69/08/14			21.0	8.2	86	280	190	4	190	3.0	18	20
69/01/01												
YEAR	NUMBER		2.0	2.0	2	2	2	2	2	2.0	2	2
	MAXIMUM		21.0	8.7	86	280	190	4	190	3.0	18	20
	MINIMUM		17.5	8.2	85	240	180	3	180	3.0	18	15
	MEAN		19.3	8.5	86	260	185	4	185	3.0	18	18

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/09			0.35	0.08	0.1K	0.110	0.080	170
69/08/14			0.39	0.10	0.1K	0.040	0.010	60
69/01/01								
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2
	MAXIMUM		0.39	0.10	0.1	0.110	0.080	170
	MINIMUM		0.35	0.08	0.1	0.040	0.010	60
	MEAN		0.37	0.09	0.1	0.075	0.045	115

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

630 3145 H22
44 06 30.0 083 31 45.0
SAGINAW BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE HURON
1115G050
3 2111202
0038 FEET DEPTH

SAGINAW BAY
H220

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00410 T ALK CAC03 MG/L	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJ JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/09			18.0	8.8	120	260	200	12	180	2.0	18	18
69/08/14			21.0	8.2	82	230	160	1	160	1.0	14	11
69/01/01												
YEAR	NUMBER		2.0	2.0	2	2	2	2	2	2.0	2	2
	MAXIMUM		21.0	8.8	120	260	200	12	180	2.0	18	18
	MINIMUM		18.0	8.2	82	230	160	1	160	1.0	14	11
	MEAN		19.5	8.5	101	245	180	7	170	1.5	16	15
70/01/00												

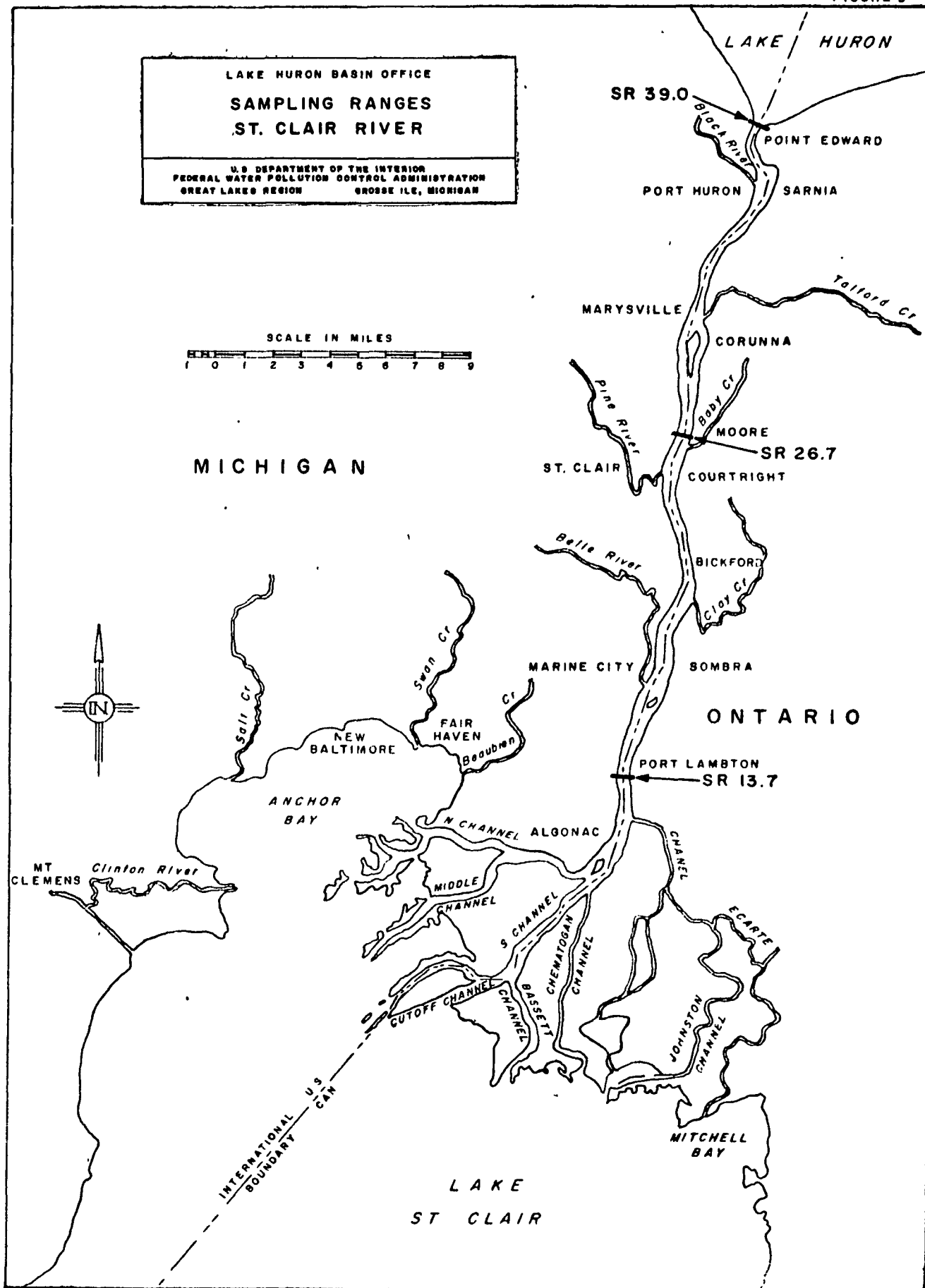
DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L
69/07/09			0.34	0.05	0.1K	0.030	0.020	180
69/08/14			0.27	0.05K	0.1K	0.010	0.005	30
69/01/01								
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2
	MAXIMUM		0.34	0.05	0.1	0.030	0.020	180
	MINIMUM		0.27	0.05	0.1	0.010	0.005	30
	MEAN		0.31	0.05	0.1	0.020	0.013	105
70/01/00								

1969 SAMPLE ANALYSIS RESULTS
Saginaw Bay

Parameter: Plytoplankton (numbers per milliliter)

Station	Date	Centric	Pennate		Blue-Green	Blue-Green	Green	Brown	Total	Predominant
		Diatoms	Diatoms	Greens	Coccolids	Fila- mentous	Flag- elletes	Flag- elletes		Genera* (10% or more)
X110	7/8	930	1,400	2,800	1,400	120	33,500	120	40,300	b
X105	7/8	580	700	1,750	4,310	230	21,100	120	28,800	b,c
X100	7/8	120	0	1,980	1,170	19,600	11,800	0	34,700	a,b
H208	7/9	120	230	290	0	4,370	3,320	60	8,390	a,b
H210	7/9	60	350	410	120	5,890	2,860	0	9,690	a,b
H211	7/9	60	410	170	0	7,460	2,560	120	10,800	a,b
H220	7/9	0	0	230	0	3,260	2,040	0	5,530	a,b
H228	7/8	120	0	1,980	930	24,600	9,100	0	36,700	a,b
H229	7/8	120	120	1,050	470	12,700	8,160	0	22,600	a,b
H230	7/8	350	350	1,520	230	10,400	7,230	0	20,100	a,b
H231	7/8	0	230	1,280	120	15,500	7,110	0	24,200	a,b
H232	7/8	0	120	1,400	120	8,630	6,760	0	17,000	a,b
H234	7/8	0	120	1,870	230	7,700	9,680	0	19,600	b,a
H236	7/8	230	120	3,030	930	15,200	12,100	0	31,600	a,b
H238	7/8	120	120	3,380	470	17,000	6,530	0	27,600	a,b
H240	7/8	580	1,050	2,220	1,170	12,800	13,900	0	31,700	b,a
H242	7/8	230	120	1,630	580	16,000	13,200	0	31,800	a,b

* Key to predominant genera: a - Oscillatoria sp.
b - Unidentified green flagellates
c - Anacystis sp.



ORE TRI DATE /02

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

255232

43 00 22.0 082 25 19.0

ST. CLAIR RIVER

26 MICHIGAN

WESTERN GREAT LAKES

IJC DESCRIP-SR39.0-100 FT. FROM US SHORE

11150050

2111204

2

0004 FEET DEPTH

SR 39.0-P30

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICRMOH	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/04/21			6.5	12.3	101	8.0	200	130	11	120	10.0	18
69/05/21			8.5				200				4.0	12
69/06/03			11.5				200				1.0	16
69/06/17			11.0	10.9	98	8.2	210	120	4	120	0.8	16
69/08/14			21.0	8.6	96	8.7	170	120	1	120	0.5	16
69/09/02			22.0	8.4	95	8.2	210	130	8	120	1.0	12
69/09/16			20.5				210				0.9	
69/10/09			15.5				210				1.0	
69/01/01												
YEAR	NUMBER		8.0	4.0	4	4.0	8	4	4	4	8.0	6
	MAXIMUM		22.0	12.3	101	8.7	210	130	11	120	10.0	18
	MINIMUM		6.5	8.4	95	8.0	170	120	1	120	0.5	12
	MEAN		14.6	10.1	98	8.3	201	125	6	120	2.4	15
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/04/21			6	0.23	0.10	0.2	0.040	0.020	300	1K	5
69/05/21			6	0.19	0.05K	0.1	0.070	0.060	220	2	24
69/06/03			6	0.12	0.08	0.1	0.020	0.020	120	1	15
69/06/17			4	0.12	0.06	0.1	0.010	0.005	80	2	10
69/08/14			6	0.16	0.05K	0.2	0.020	0.005	20	1	10K
69/09/02			6	0.17	0.07	0.2	0.030	0.020	160	1K	10
69/09/16			6	0.13	0.07	0.1	0.009	0.008	30	1K	40
69/10/09			7	0.05K	0.10	0.1	0.009	0.003	40	1K	80
69/01/01											
YEAR	NUMBER		8	8.00	8.00	8.0	8.000	8.000	8	8	8
	MAXIMUM		7	0.23	0.10	0.2	0.070	0.060	300	2	80
	MINIMUM		4	0.05	0.05	0.1	0.009	0.003	20	1	5
	MEAN		6	0.15	0.07	0.1	0.026	0.018	108	1	17
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBC 33-A

755231 40P031
43 00 16.0 082 25 10.0
ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
IJC DESCRIP-SR39.0-100 FT. FROM US SHORE
11150050 2111204
2 0030 FEET DEPTH

SR 39.0-P01

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/04/21			4.5	13.0	102	7.8	180	120	10	110	3.0	16
69/05/21			6.5				200				0.7	12
69/06/03			11.0				200				0.7	13
69/06/17			11.0	10.9	98	8.2	210	120	5	110	0.5	11
69/08/14			21.0			8.6	200	120	1	120	0.5	14
69/09/02			22.0	8.4	95	8.4	220	150	3	150	2.0	12
69/09/16			20.5				210				2.0	
69/10/09			16.0				210				1.0	
69/01/01												
YEAR	NUMBER		8.0	3.0	3	4.0	8	4	4	4	8.0	6
	MAXIMUM		22.0	13.0	102	8.6	220	150	10	150	3.0	16
	MINIMUM		4.5	8.4	95	7.8	180	120	1	110	0.5	11
	MEAN		14.1	10.8	98	8.3	204	128	5	123	1.3	13
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/04/21			5	0.45	0.11	0.1	0.620	0.600	90	2	1K
69/05/21			6	0.17	0.05K	0.1	0.020	0.020	40	1	1K
69/06/03			6	0.11	0.05K	0.1	0.030	0.020	110	2	1K
69/06/17			9	0.18	0.06	0.2	0.003	0.003K	20	4	7
69/08/14			6	0.16	0.09	0.2	0.009	0.004	30	1	10K
69/09/02			6	0.12	0.07	0.1	0.010	0.010	80	1K	10
69/09/16			7	0.13	0.05	0.1	0.007	0.007	30	1K	20
69/10/09			6	0.25	0.10	0.2	0.030	0.030	10	1	6
69/01/01											
YEAR	NUMBER		8	8.00	8.00	8.0	8.000	8.000	8	8	8
	MAXIMUM		9	0.45	0.11	0.2	0.620	0.600	110	4	20
	MINIMUM		5	0.11	0.05	0.1	0.003	0.003	10	1	1
	MEAN		6	0.20	0.07	0.1	0.091	0.087	51	2	4
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

234

43 00 12.0 082 25 01.0

ST. CLAIR RIVER

26 MICHIGAN

WESTERN GREAT LAKES

IJC DESCRIP-SR39.0-1500 FT. FROM US SHORE

11150050

2111204

2

0017 FEET DEPTH

SR 39.0-P32

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJN JU	00945 SULFATE SC4 MG/L
69/04/21			7.0	11.6	95	8.0	220	200	65	140	65.0	23
69/05/21			8.5				220				5.0	17
69/06/03			10.5				210				1.0	15
69/06/17			10.5	11.1	100	8.3	210	110	3	110	0.9	10
69/08/14			20.0	9.3	101	8.6	120	120	4	110	1.0	14
69/09/02			22.0	8.6	98	8.5	210	130	5	120	1.0	10
69/09/16			20.0				210				1.0	
69/10/09			15.0				210				2.0	
69/01/01												
YEAR	NUMBER		8.0	4.0	4	4.0	8	4	4	4	8.0	6
	MAXIMUM		22.0	11.6	101	8.6	220	200	65	140	65.0	23
	MINIMUM		7.0	8.6	95	8.0	120	110	3	110	0.9	10
	MEAN		14.2	10.1	98	8.4	201	140	19	120	9.6	15

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/04/21			6	1.10	0.05K	0.6	0.200	0.180	1800	1	1300
69/05/21			6	0.23	0.08	0.2	0.720	0.680	290	1	600
69/06/03			5	0.14	0.05K	0.1	0.007	0.005	80	1	10
69/06/17			6	0.18	0.05K	0.2	0.006	0.003K	70	2	12
69/08/14			6	0.15	0.08	0.2	0.010	0.005	30	1K	10K
69/09/02			6	0.14	0.07	0.1	0.006	0.006	40	1K	10
69/09/16			6	0.16	0.07	0.1	0.004	0.004	50	1K	10
69/10/09			7	0.20	0.08	0.1	0.030	0.020	40	2	80
69/01/01											
YEAR	NUMBER		8	8.00	8.00	8.0	8.000	8.000	8	8	8
	MAXIMUM		7	1.10	0.08	0.6	0.720	0.680	1800	2	1300
	MINIMUM		5	0.14	0.05	0.1	0.004	0.003	30	1	10
	MEAN		6	0.29	0.07	0.2	0.123	0.113	300	1	41

70/01/00

STORET RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

255217 40P044
42 50 27.0 082 28 31.0
ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
IJC DESCRIP-SR26.7-100 FT. FROM US SHORE
1115D050 2111204
2 0015 FEET DEPTH

SR 26.7-P4

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00095 CONDUCTVY AT 25C MICRCMHO	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/21			8.5	220	2.0	16	8	0.030	0.020	220	1	450
69/07/01			15.5	200	3.0		6			70	2	160
69/09/16			20.5				8			60	1	1900
69/01/01												
YEAR	NUMBER		3.0	2	2.0	1	3	1.000	1.000	3	3	3
	MAXIMUM		20.5	220	3.0	16	8	0.030	0.020	220	2	1900
	MINIMUM		8.5	200	2.0	16	6	0.030	0.020	60	1	160
	MEAN		14.8	210	2.5	16	7	0.030	0.020	117	1	515

70/01/00

STORET RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

255218
42 50 27.0 082 28 22.0
ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
IJC DESCRIP-SR26.7-800 FT. FROM US SHORE
1115D050 2111204
2 0030 FEET DEPTH

SR 26.7-P45

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00095 CONDUCTVY AT 25C MICRCMHO	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/21			7.5	200	2.0	12	6	0.040	0.030	90	1	34
69/07/01			15.5	200	3.0		6			70	1	12
69/09/16			20.0				6			40	1	70
69/01/01												
YEAR	NUMBER		3.0	2	2.0	1	3	1.000	1.000	3	3	3
	MAXIMUM		20.0	200	3.0	12	6	0.040	0.030	90	1	70
	MINIMUM		7.5	200	2.0	12	6	0.040	0.030	40	1	12
	MEAN		14.3	200	2.5	12	6	0.040	0.030	67	1	31

70/01/00

STORE RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

255219 40P046
42 50 26.0 082 28 18.0
ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
IJC DESCRIP-SR26.7-1200 FT. FROM US SHORE
1115D050 2111204
2 0029 FEET DEPTH

SR 26.7-P46

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00070 TURB JKS JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/21			7.5	200	2.0	16	5	0.030	0.020	70	1	48
69/07/01			15.5	200	4.0		6			90	1	5
69/09/16			20.0				6			40	1	10
69/01/01	YEAR	NUMBER	3.0	2	2.0	1	3	1.000	1.000	3	3	3
		MAXIMUM	20.0	200	4.0	16	6	0.030	0.020	90	1	48
		MINIMUM	7.5	200	2.0	16	5	0.030	0.020	40	1	5
		MEAN	14.3	200	3.0	16	6	0.030	0.020	67	1	13

70/01/00

STORET RETRIEVAL DATE 70/02/17

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

255220
42 50 26.0 082 28 12.0
ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
IJC DESCRIP-SR26.7-1600 FT. FROM US SHORE
1115D050 2111204
2 0028 FEET DEPTH

SR 26.7-P47

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00070 TURB JKS JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/21			7.5	210	2.0	16	8	0.040	0.030	60	1	490
69/07/01			15.5	190	2.0		6			40	1K	5K
69/09/16			20.0				7			20	1	1900
69/01/01	YEAR	NUMBER	3.0	2	2.0	1	3	1.000	1.000	3	3	3
		MAXIMUM	20.0	210	2.0	16	8	0.040	0.030	60	1	1900
		MINIMUM	7.5	190	2.0	16	6	0.040	0.030	20	1	5
		MEAN	14.3	200	2.0	16	7	0.040	0.030	40	1	167

70/01/00

221 0000 P048
 42 50 25.0 082 28 08.0
 ST. CLAIR RIVER
 26 MICHIGAN
 WESTERN GREAT LAKES
 IJC DESCRIP-SR26.7-1900 FT. FROM US SHORE
 1115D050 2111204
 2 0040 FEET DEPTH

SR 26.7-P48

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00095 CONDUCTVY AT 25C MICROCMHO	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-O P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDG MF/100ML LOG
69/05/21			7.5	280	4.0	16	26	0.060	0.050	180	5	2000
69/07/01			15.5	210	2.0		8			20	12	180
69/09/16			20.0				13			20	3	16000
69/01/01												
YEAR	NUMBER		3.0	2	2.0	1	3	1.000	1.000	3	3	3
	MAXIMUM		20.0	280	4.0	16	26	0.060	0.050	180	12	16000
	MINIMUM		7.5	210	2.0	16	8	0.060	0.050	20	3	180
	MEAN		14.3	245	3.0	16	16	0.060	0.050	73	7	1793
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

255207 40P050
42 39 31.0 082 30 51.0
ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
IJC DESCRIP-SR13.7-100 FT. FROM US SHORE
11150050 2111204
2 0012 FEET DEPTH

SR 13.7-P56

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTIV AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/04/21			6.5	12.2	100	8.0	240	160	17	140	20.0	26
69/05/21			9.5				240				7.0	20
69/06/03			12.0				230				4.0	16
69/06/17			11.5	10.7	99	8.2	220	130	8	120	3.0	14
69/07/01			17.0				210				5.0	
69/08/14			22.0	8.6	98	8.6	210	130	8	120	5.0	17
69/09/02				8.5		8.4	220	140	9	130	1.0	12
69/09/16			20.5				220				2.0	
69/10/09			17.0				220				2.0	
69/01/01												
YEAR	NUMBER		8.0	4.0	3	4.0	9	4	4	4	9.0	6
	MAXIMUM		22.0	12.2	100	8.6	240	160	17	140	20.0	26
	MINIMUM		6.5	8.5	98	8.0	210	130	8	120	1.0	12
	MEAN		14.5	10.0	99	8.3	223	140	11	128	5.4	18

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDU MF/100ML LOG
69/04/21			11	0.26	0.18	0.2	0.060	0.030	590	4	2600
69/05/21			10	0.14	0.10	0.2	0.040	0.020	370	1	790
69/06/03			9	0.14	0.06	0.1	0.020	0.020	260	1	930
69/06/17			6	0.17	0.05K	0.2	0.020	0.010	150	3	340
69/07/01			8	0.20	0.07	0.2	0.030	0.020	140	1	270
69/08/14			8	0.15	0.10	0.2	0.030	0.020	220	1	2300
69/09/02			8	0.14	0.08	0.1	0.010	0.010	160	1K	1400
69/09/16			9	0.05K	0.07	0.1	0.010	0.010	120	1	1000
69/10/09			8	0.19	0.08	0.1	0.020	0.010	130	2	760
69/01/01											
YEAR	NUMBER		9	9.00	9.00	9.0	9.000	9.000	9	9	9
	MAXIMUM		11	0.26	0.18	0.2	0.060	0.030	590	4	2600
	MINIMUM		8	0.05	0.05	0.1	0.010	0.010	120	1	270
	MEAN		9	0.16	0.09	0.2	0.027	0.017	238	2	910

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
IJC DESCRIP-SR13.7-700 FT. FROM US SHORE
11150050 2111204
2 0036 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/04/21			5.5	11.9	95	8.1	200	140	15	130	15.0	19
69/05/21			8.5				220				4.0	19
69/06/03			12.0				220				3.0	16
69/06/17			11.5	10.8	100	8.2	220	120	7	120	2.0	12
69/07/01			16.0				210				4.0	
69/08/14			22.0	8.5	97	8.6	200	130	6	130	3.0	17
69/09/02				8.4		8.5	220	150	11	140	4.0	12
69/09/16			20.5				210				2.0	
69/10/09			16.0				220				2.0	
69/01/01												
YEAR	NUMBER		8.0	4.0	3	4.0	9	4	4	4	9.0	6
	MAXIMUM		22.0	11.9	100	8.6	220	150	15	140	15.0	19
	MINIMUM		5.5	8.4	95	8.1	200	120	6	120	2.0	12
	MEAN		14.0	9.9	97	8.4	213	135	10	130	4.3	16

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/04/21			6	0.21	0.05K	0.2	0.040	0.030	430	1	470
69/05/21			7	0.19	0.05	0.1	0.020	0.008	170	2	330
69/06/03			5	0.13	0.06	0.2	0.060	0.050	170	1	480
69/06/17			7	0.16	0.10	0.1	0.020	0.010	120	1	60
69/07/01			7	0.27	0.05K	0.1	0.010	0.004	400	2	160
69/08/14			7	0.16	0.12	0.2	0.020	0.009	110	2	400
69/09/02			7	0.17	0.08	0.1	0.010	0.008	200	1K	400
69/09/16			7	0.05K	0.07	0.1	0.020	0.020	120	1K	900
69/10/09			7	0.16	0.08	0.1	0.010	0.007	90	2	250
69/01/01											
YEAR	NUMBER		9	9.00	9.00	9.0	9.000	9.000	9	9	9
	MAXIMUM		7	0.27	0.12	0.2	0.060	0.050	430	2	900
	MINIMUM		5	0.05	0.05	0.1	0.010	0.004	90	1	60
	MEAN		7	0.17	0.07	0.1	0.023	0.016	201	1	308

70/01/00

209 P05
42 39 30.0 082 30 38.0
ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
1JC DESCRIP-SR13.7-1000 FT. FROM US SHORE
11150050 2111204
2 0040 FEET DEPTH

SR 13.7-P58

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/04/21			5.0	10.9	85	8.1	210	140	10	130	15.0	16
69/05/21			7.5				210				3.0	16
69/06/03			11.5				210				2.0	15
69/06/17			10.5	10.9	98	8.2	210	120	1	120	2.0	11
69/07/01			16.0				200				4.0	
69/08/14			21.0	8.7	97	8.6	210	130	3	130	2.0	17
69/09/02			22.0	8.5	97	8.5	220	130	16	110	1.0	12
69/09/16			20.5				210				3.0	
69/10/09			16.0				220				3.0	
69/01/01												
YEAR	NUMBER		9.0	4.0	4	4.0	9	4	4	4	9.0	6
	MAXIMUM		22.0	10.9	98	8.6	220	140	16	130	15.0	17
	MINIMUM		5.0	8.5	85	8.1	200	120	1	110	1.0	11
	MEAN		14.4	9.8	94	8.4	211	130	8	123	3.9	15
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/04/21			6	0.17	0.05K	0.2	0.020	0.006	350	1	280
69/05/21			6			0.1	0.040	0.030	120	1	180
69/06/03			6	0.06	0.06	0.1	0.060	0.060	120	1K	220
69/06/17			6	0.16	0.06	0.1	0.010	0.008	130	4	35
69/07/01			6	0.05K	0.05K	0.1	0.030	0.020	350	1	30
69/08/14			7	0.16	0.10	0.2	0.020	0.008	100	1	2500
69/09/02			7	0.15	0.09	0.1	0.007	0.006	110	1K	500
69/09/16			7	0.16	0.07	0.1	0.040	0.040	110	1K	700
69/10/09			7	0.16	0.10	0.1	0.010	0.010	50	2	2500
69/01/01											
YEAR	NUMBER		9	8.00	8.00	9.0	9.000	9.000	9	9	9
	MAXIMUM		7	0.17	0.10	0.2	0.060	0.060	350	4	2500
	MINIMUM		6	0.05	0.05	0.1	0.007	0.006	50	1	30
	MEAN		6	0.13	0.07	0.1	0.026	0.021	160	1	309
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

255210
42 39 29.0 082 30 33.0
ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
IJC DESCRIP-SR13.7-1400 FT. FROM US SHORE
11150050 2111204
2 0044 FEET DEPTH

SR 13.7-P59

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJN JU	00945 SULFATE SO4 MG/L
69/04/21			5.0	12.6	98	8.1	180	130	12	120	15.0	16
69/05/21			7.5				220				3.0	16
69/06/03			11.5				220				2.0	14
69/06/17			10.5	10.8	97	8.2	220	130	3	120	2.0	16
69/07/01			16.0				220				3.0	
69/09/14			21.0	8.6	96	8.6	180	130	1	130	2.0	19
69/09/02			22.0	8.5	97	8.5	220	140	3	140	1.0	12
69/09/16			20.0				210				2.0	
69/10/09			16.0				220				3.0	
69/01/01												
YEAR	NUMBER		9.0	4.0	4	4.0	9	4	4	4	9.0	6
	MAXIMUM		22.0	12.6	98	8.6	220	140	12	140	15.0	19
	MINIMUM		5.0	8.5	96	8.1	180	130	1	120	1.0	12
	MEAN		14.4	10.1	97	8.4	210	133	5	128	3.7	16

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/04/21			10	0.16	0.05K	0.2	0.020	0.005	300	1	370
69/05/21			10	0.19	0.07	0.1	0.009	0.004	100	30	2800
69/06/03			9	0.13	0.10	0.1	0.010	0.010	150	1	550
69/06/17			11	0.18	0.06	0.1	0.010	0.008	60	3	180
69/07/01			12	0.12	0.13	0.1	0.006	0.003K	110	5	940
69/08/14			9	0.18	0.09	0.2	0.010	0.006	60	10	5800
69/09/02			11	0.09	0.09	0.1	0.010	0.003	50	3	4900
69/09/16			8	0.14	0.07	0.1	0.009	0.006	40	1K	13000
69/10/09			9	0.15	0.08	0.1	0.008	0.005	60	2	3300
69/01/01											
YEAR	NUMBER		9	9.00	9.00	9.0	9.000	9.000	9	9	9
	MAXIMUM		12	0.19	0.13	0.2	0.020	0.010	300	30	13000
	MINIMUM		8	0.09	0.05	0.1	0.006	0.003	40	1	180
	MEAN		10	0.15	0.08	0.1	0.010	0.006	103	6	1698

70/01/00

211 P06
42 39 27.0 082 30 22.0
ST. CLAIR RIVER
26 MICHIGAN
WESTERN GREAT LAKES
IJC DESCRIP-SR13.7-1900 FT. FROM US SHORE
11150050 2111204
2 0030 FEET DEPTH

SR 13.7-P60

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/04/21			6.0	12.4	99	8.2	240	160	19	140	15.0	17
69/05/21			8.5				240				6.0	15
69/06/03			11.5				240				4.0	15
69/06/17			11.0	10.8	97	8.2	240	140	5	140	2.0	15
69/07/01			16.5				230				5.0	
69/08/14			21.0	8.6	96	8.7	200	140	9	130	5.0	16
69/09/02			22.0	8.6	98	8.5	240	150	5	140	2.0	12
69/09/16			20.5				220				2.0	
69/10/09			16.0				240				4.0	
69/01/01												
YEAR	NUMBER		9.0	4.0	4	4.0	9	4	4	4	9.0	6
	MAXIMUM		22.0	12.4	99	8.7	240	160	19	140	15.0	17
	MINIMUM		6.0	8.6	96	8.2	200	140	5	130	2.0	12
	MEAN		14.8	10.1	97	8.4	232	148	10	138	5.0	15

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-O P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDU MF/100ML LOG
69/04/21			15	0.18	0.05	0.2	0.020	0.010	440	3	480
69/05/21			14	0.15	0.17	0.2	0.020	0.020	260	3	3000
69/06/03			14	0.19	0.15	0.2	0.050	0.040	270	3	2100
69/06/17			15	0.19	0.12	0.2	0.030	0.020	90	2	500
69/07/01			14	0.21	0.10	0.2	0.020	0.010	130	3	510
69/08/14			12	0.16	0.14	0.2	0.020	0.008	180	4	4200
69/09/02			14	0.15	0.10	0.1	0.010	0.004	80	2	10000
69/09/16			14	0.12	0.11	0.1	0.020	0.010	90	2	21000
69/10/09			15	0.05K	0.15	0.1	0.010	0.008	60	4	4000
69/01/01											
YEAR	NUMBER		9	9.00	9.00	9.0	9.000	9.000	9	9	9
	MAXIMUM		15	0.21	0.17	0.2	0.050	0.040	440	4	21000
	MINIMUM		12	0.05	0.05	0.1	0.010	0.004	60	2	480
	MEAN		14	0.16	0.12	0.2	0.022	0.014	178	3	2408

70/01/00

MICHIGAN

ANCHOR BAY

LAKE ST. CLAIR

ONTARIO

SCALE
 FEET
 0 1000 2000 3000 4000 5000
 MILES
 0 1 2 3 4 5

LOCATION MAP

LAKE HURON BASIN OFFICE
LOCATION OF SAMPLING STATIONS
LAKE ST. CLAIR

U.S. DEPARTMENT OF THE INTERIOR
FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
GROSSE ILE, MICHIGAN

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

424077000238500 303
4240 2310 082 38 58.0
ANCHOR BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
3

P009

LAKE ST. CLAIR

P9

2111202
0003 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/24			25.0	8.4	200	120	7	110	2.0	14	7
69/10/22			9.0	8.2	220	170	18	160	15.0	19	8
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		25.0	8.4	220	170	18	160	15.0	19	8
	MINIMUM		9.0	8.2	200	120	7	110	2.0	14	7
	MEAN		17.0	8.3	210	145	13	135	8.5	17	8

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/24			0.24	0.12	0.1	0.010	0.006	130	2	14	2 K
69/10/22			0.22	0.05K	0.2	0.040	0.020	590	1	220	6
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.24	0.12	0.2	0.040	0.020	590	2	220	6
	MINIMUM		0.22	0.05	0.1	0.010	0.006	130	1	14	2
	MEAN		0.23	0.09	0.2	0.025	0.013	360	2	55	3

70/01/00

STREET ADDRESS DATE 70/07/27

403 2435 0P0
42 40 37.0 082 43 57.0
ANCHOR BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
3

P011

LAKE ST. CLAIR
P11

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

2111202
0006 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJ JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/24			25.5	8.4	200	140	9	130	6.0	16	7
69/10/22			10.0	8.2	220	150	27	120	20.0	20	8
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		25.5	8.4	220	150	27	130	20.0	20	8
	MINIMUM		10.0	8.2	200	140	9	120	6.0	16	7
	MEAN		17.8	8.3	210	145	18	125	13.0	18	8
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/24			0.26	0.10	0.1	0.020	0.006	300	3	2	4
69/10/22			0.26	0.05K	0.2	0.070	0.040	740	1K	100	1K
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.26	0.10	0.2	0.070	0.040	740	3	100	4
	MINIMUM		0.26	0.05	0.1	0.020	0.006	300	1	2	1
	MEAN		0.26	0.08	0.2	0.045	0.023	520	2	14	2
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

73000045000 285
42 37 30.0 082 45 00.0
ANCHOR BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
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E010

LAKE ST. CLAIR
E10

2111202
0009 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/24			23.5	8.4	200	120	3	120	2.0	12	7
69/10/22			9.0	8.2	220	180	21	150	9.0	18	8
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		23.5	8.4	220	180	21	150	9.0	18	8
	MINIMUM		9.0	8.2	200	120	3	120	2.0	12	7
	MEAN		16.3	8.3	210	150	12	135	5.5	15	8
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMFDEN00 MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/24			0.22	0.11	0.1	0.007	0.003K	120	4	2	2K
69/10/22			0.16	0.08	0.2	0.080	0.060	600	1K	34	2K
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.22	0.11	0.2	0.080	0.060	600	4	34	2
	MINIMUM		0.16	0.08	0.1	0.007	0.003	120	1	2	2
	MEAN		0.19	0.10	0.2	0.043	0.032	360	3	8	2
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

150 01 P01
42 35 42.0 082 46 40.0
CLINTON AT MOUTH (TRIO TO LK.S.C
26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
11150050
2
2111204
0008 FEET DEPTH

CLINTON RIVER
P15

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/24			24.0	8.3	200	140	8	130	5.0	16	8
69/10/22			8.0	8.1	230	170	42	130	30.0	20	8
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		24.0	8.3	230	170	42	130	30.0	20	8
	MINIMUM		8.0	8.1	200	140	8	130	5.0	16	8
	MEAN		16.0	8.2	215	155	25	130	17.5	18	8
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/24			0.18	0.08	0.1	0.040	0.020	280	3	950	68
69/10/22			0.05K	0.05	0.2	0.030	0.004	1700	1K	360	10
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.18	0.08	0.2	0.040	0.020	1700	3	950	68
	MINIMUM		0.05	0.05	0.1	0.030	0.004	280	1	360	10
	MEAN		0.12	0.07	0.2	0.035	0.012	990	2	585	26
70/01/00											

STOREY RETRIEVAL DATE 70/02/27

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHRO 33-A

6235000082/5000 286
42 35 00.0 082 43 00.0
ANCHOR BAY
26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
3

E011

LAKE ST. CLAIR
E II

2111202
0007 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/24			23.0	8.5	200	150	6	150	2.0	14	7
69/10/22			9.0	8.2	220	140	34	110	25.0	19	8
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		23.0	8.5	220	150	34	150	25.0	19	8
	MINIMUM		9.0	8.2	200	140	6	110	2.0	14	7
	MEAN		16.0	8.4	210	145	20	130	13.5	17	8
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/24			0.28	0.11	0.1	0.008	0.003	100	2	2	2K
69/10/22			0.15	0.08	0.2	0.030	0.006	1100	1K	42	4
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.28	0.11	0.2	0.030	0.006	1100	2	42	4
	MINIMUM		0.15	0.08	0.1	0.008	0.003	100	1	2	2
	MEAN		0.22	0.10	0.2	0.019	0.005	600	2	9	3
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
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26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
3

P017

LAKE ST. CLAIR
P17

2111202
0003 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/24			25.0	8.0	220	140	11	130	5.0	16	9
69/10/22			9.0	8.1	260	170	27	140	20.0	25	12
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		25.0	8.1	260	170	27	140	20.0	25	12
	MINIMUM		9.0	8.0	220	140	11	130	5.0	16	9
	MEAN		17.0	8.1	240	155	19	135	12.5	21	11

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/24			0.31	0.16	0.1K	0.060	0.020	320	2	68	2
69/10/22			0.29	0.29	0.3	0.150	0.120	780	1	1400 L	28
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.31	0.29	0.3	0.150	0.120	780	2	1400	28
	MINIMUM		0.29	0.16	0.1	0.060	0.020	320	1	68	2
	MEAN		0.30	0.23	0.2	0.105	0.070	550	2	309	7

70/01/00

42 32 38.0 082 51 08.0

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
3

P018

LAKE ST. CLAIR
P18

2111202
0004 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJ JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			26.5	9.2	240	170	25	140	20.0	16	11
69/10/22			9.0	8.4	280	180	19	160	10.0	28	14
69/01/01	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		26.5	9.2	290	180	25	160	20.0	28	14
	MINIMUM		9.0	8.4	240	170	19	140	10.0	16	11
	MEAN		17.8	8.8	260	175	22	150	15.0	22	13
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/23			0.46	0.12	0.1	0.140	0.080	780	2	2400	30
69/10/22			0.44	0.16	0.3	0.210	0.160	550	1	980	10
69/01/01	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.46	0.16	0.3	0.210	0.160	780	2	2400	30
	MINIMUM		0.44	0.12	0.1	0.140	0.080	550	1	980	10
	MEAN		0.45	0.14	0.2	0.175	0.120	665	2	1534	17
70/01/00											

ORE TRI DATE /02

423033003242000 30P025
42 30 33.0 082 42 00.0
IN SHIPPING CHANNEL
26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
2

P025

LAKE ST. CLAIR
P25

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

2111202
0027 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTV AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJ JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			22.5	8.4	200	140	10	120	4.0	10	9
69/10/21			11.5	8.2	220	140	8	130	4.0	18	7
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		22.5	8.4	220	140	10	130	4.0	18	9
	MINIMUM		11.5	8.2	200	140	8	120	4.0	10	7
	MEAN		17.0	8.3	210	140	9	125	4.0	14	8

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF/100ML LOG
69/07/23			0.16	0.10	0.2	0.010	0.003K	180	3	24	2K
69/10/21			0.15	0.07	0.2	0.007	0.003	200	1K	190	2K
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.16	0.10	0.2	0.010	0.003	200	3	190	2
	MINIMUM		0.15	0.07	0.2	0.007	0.003	180	1	24	2
	MEAN		0.16	0.09	0.2	0.009	0.003	190	2	68	2

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
3

2111202
0013 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			24.5	8.7	200	120	6	120	2.0	14	8
69/10/21			11.0	7.8	220	150	16	130	7.0	19	8
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		24.5	8.7	220	150	16	130	7.0	19	8
	MINIMUM		11.0	7.8	200	120	6	120	2.0	14	8
	MEAN		17.8	8.2	210	135	11	125	4.5	17	8
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00670 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/23			0.16	0.09	0.1	0.010	0.004	80	2	4	2 K
69/10/21			0.16	0.05	0.2	0.060	0.050	340	1	72	2 K
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.16	0.09	0.2	0.060	0.050	340	2	72	2
	MINIMUM		0.16	0.05	0.1	0.010	0.004	80	1	4	2
	MEAN		0.16	0.07	0.2	0.035	0.027	210	2	17	2
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
3

2111202
0007 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJ JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			24.5	9.0	240	170	17	150	4.0	16	12
69/10/21			11.0	8.6	250	180	14	160	8.0	17	11
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		24.5	9.0	250	180	17	160	8.0	17	12
	MINIMUM		11.0	8.6	240	170	14	150	4.0	16	11
	MEAN		17.8	8.8	245	175	16	155	6.0	17	12
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/23			0.49	0.18	0.1	0.140	0.110	250	2	530	16
69/10/21			0.35	0.05	0.2	0.070	0.030	480	1		
69/10/22										200	4
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.49	0.18	0.2	0.140	0.110	480	2	530	16
	MINIMUM		0.35	0.05	0.1	0.070	0.030	250	1	200	4
	MEAN		0.42	0.12	0.2	0.105	0.070	365	2	326	8
70/01/00											

422500000240000 30F006
72 25 0010 082 10 00.0

E006

LAKE ST. CLAIR

E6

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A00 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
32111202
0019 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			22.0	8.5	200	130	7	130	3.0	11	8
69/10/21			11.0	8.2	230	160	22	140	15.0	18	9
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		22.0	8.5	230	160	22	140	15.0	18	9
	MINIMUM		11.0	8.2	200	130	7	130	3.0	11	8
	MEAN		16.5	8.4	215	145	15	135	9.0	15	9

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-O P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FFC COLI MF-C44.5 MF/100ML LOG
69/07/23			0.18	0.09	0.2	0.009	0.003 K	130	3	2 K	2 K
69/10/21			0.27	0.05	0.2	0.020	0.003 K	870	1	63	2 K
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.27	0.09	0.2	0.020	0.003	870	3	63	2
	MINIMUM		0.18	0.05	0.2	0.009	0.003	130	1	2	2
	MEAN		0.23	0.07	0.2	0.015	0.003	500	2	11	2

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
3

2111202
0009 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			24.5	9.0	220	150	13	140	3.0	14	10
69/10/21			11.0	8.3	230	150	3	140	4.0	18	8
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		24.5	9.0	230	150	13	140	4.0	18	10
	MINIMUM		11.0	8.3	220	150	3	140	3.0	14	8
	MEAN		17.8	8.6	225	150	8	140	3.5	16	9

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/23			0.39	0.14	0.1K	0.110	0.080	210	3	4300	120
69/10/21			0.23	0.05K	0.1	0.180	0.160	290	1		
69/10/22										80	2K
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.39	0.14	0.1	0.180	0.160	290	3	4300	120
	MINIMUM		0.23	0.05	0.1	0.110	0.080	210	1	80	2
	MEAN		0.31	0.10	0.1	0.145	0.120	250	2	587	15

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

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42 24 34.0 087 50 02.0
IN SHIPPING CHANNEL
26 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
2

P027

LAKE ST. CLAIR
P27

2111202
0027 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			21.5	8.4	200	140	8	130	2.0	12	7
69/10/21			11.0	8.1	220	130	7	130	5.0	20	7
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		21.5	8.4	220	140	8	130	5.0	20	7
	MINIMUM		11.0	8.1	200	130	7	130	2.0	12	7
	MEAN		16.3	8.2	210	135	8	130	3.5	16	7
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMFDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/23			0.19	0.10	0.2	0.040	0.030	140	2	12	2K
69/10/21			0.20	0.05/K	0.2	0.010	0.003K	240	1	49	2K
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.20	0.10	0.2	0.040	0.030	240	2	49	2
	MINIMUM		0.19	0.05	0.2	0.010	0.003	140	1	12	2
	MEAN		0.20	0.08	0.2	0.025	0.017	190	2	24	2
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

422000008245000 289
42 20 00.0 082 45 00.0
00 MICHIGAN
WESTERN GREAT LAKES
LAKE ST. CLAIR
1115G050
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E014

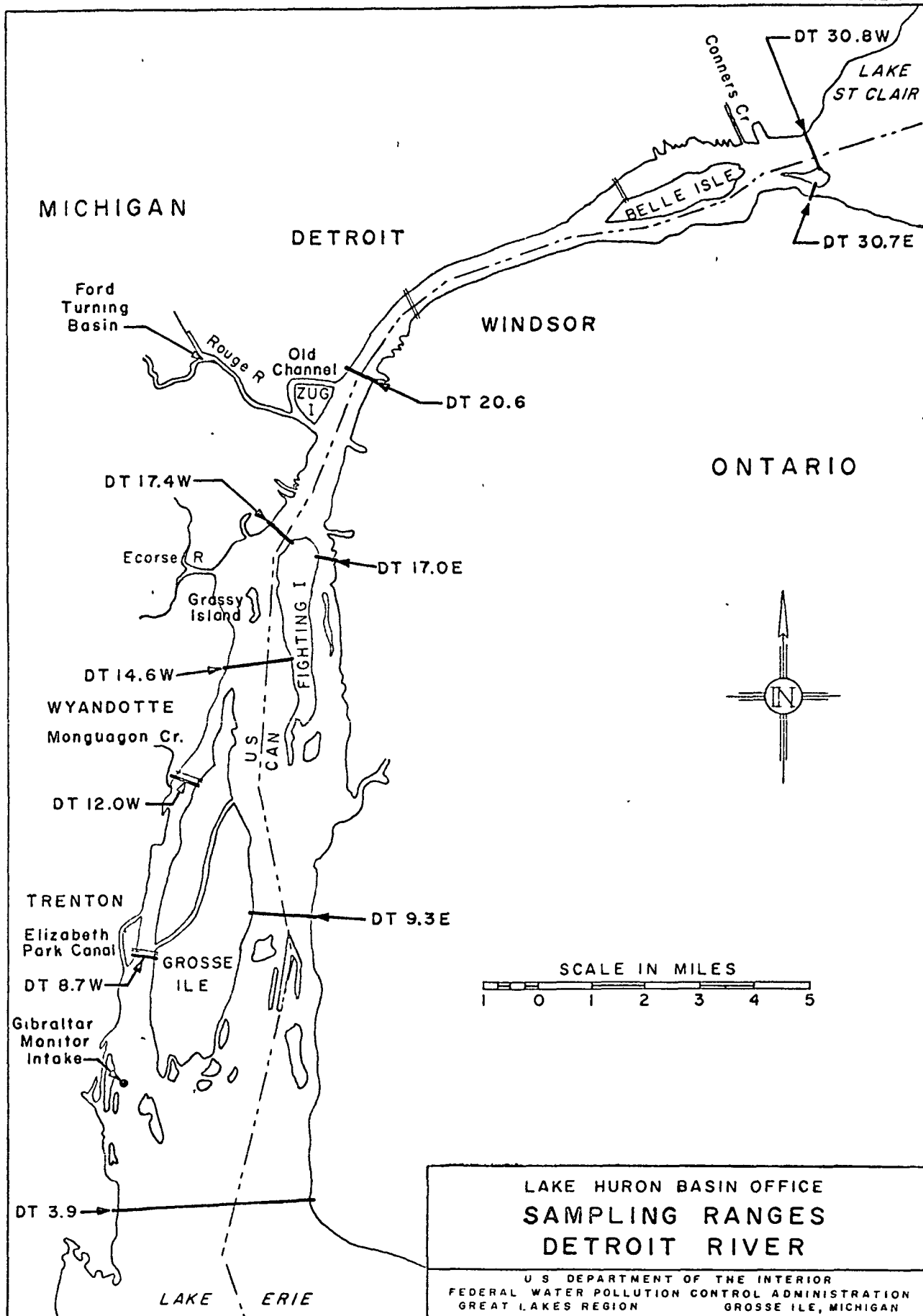
LAKE ST. CLAIR
E14

2111202
0013 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIV AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/07/23			23.0	8.4	200	140	4	140	1.0	11	8
69/10/21			11.0	8.2	270	190	25	170	20.0	26	15
69/01/01											
YEAR	NUMBER		2.0	2.0	2	2	2	2	2.0	2	2
	MAXIMUM		23.0	8.4	270	190	25	170	20.0	26	15
	MINIMUM		11.0	8.2	200	140	4	140	1.0	11	8
	MEAN		17.0	8.3	235	165	15	155	10.5	19	12
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG	31616 FEC COLI MF-C44.5 MF/100ML LOG
69/07/23			0.17	0.13	0.1	0.008	0.003K	70	3	2 K	2 K
69/10/21			0.32	0.05	0.2	0.040	0.010	880	2	56	2 K
69/01/01											
YEAR	NUMBER		2.00	2.00	2.0	2.000	2.000	2	2	2	2
	MAXIMUM		0.32	0.13	0.2	0.040	0.010	880	3	56	2
	MINIMUM		0.17	0.05	0.1	0.008	0.003	70	2	2	2
	MEAN		0.25	0.09	0.2	0.024	0.007	475	3	11	2
70/01/00											

FIGURE 7



FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

250006 200098
42 21 27.0 082 55 47.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT30.8W0100
11150030 2111204
4 0016 FEET DEPTH

DT 30.8W-R98

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/05/06			14.5	8.5	280	190	28	160	7	22	15
69/06/02			17.5		220	140	15	130	9	16	8
69/06/30			20.0	8.2	210	130	13	120	6	16	7
69/07/22			23.5		220				4		10
69/08/12			23.0	8.6	190	140	7	140	4	11	8
69/09/09			20.5	8.5	220	140	13	130	4	17	8
69/10/13			16.0	7.7	220	150	41	110	10	18	8
69/01/01											
YEAR	NUMBER		7.0	5.0	7	6	6	6	7	6	7
	MAXIMUM		23.5	8.6	280	190	41	160	10	22	15
	MINIMUM		14.5	7.7	190	130	7	110	4	11	7
	MEAN		19.0	8.3	223	148	20	132	6	17	9
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND MF/100ML LOG
69/05/06			0.47	0.11	0.1	0.130	0.100	320	1		300
69/06/02			0.54	0.08	0.1K	0.050	0.030	410	2		2000
69/06/30			0.20	0.14	0.1	0.020	0.010	290	1		100
69/07/22			0.33	0.14	0.1	0.090	0.080	260	2		5600
69/08/12			0.27	0.12	0.1K	0.120	0.100	210	1	0.01K	180
69/09/09			0.22	0.07	0.1	0.030	0.020	250	2		180
69/10/13			0.24	0.10	0.1	0.050	0.030	670	1K		120
69/01/01											
YEAR	NUMBER		7.00	7.00	7.0	7.000	7.000	7	7	1.00	7
	MAXIMUM		0.54	0.14	0.1	0.130	0.100	670	2	0.01	5600
	MINIMUM		0.20	0.07	0.1	0.020	0.010	210	1	0.01	100
	MEAN		0.32	0.11	0.1	0.070	0.053	344	1	0.01	387
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

259008 208100
42 21 25.0 082 55 47.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT30.8W0300
11150030 2111204
4 0030 FEET DEPTH

DT 30.8W-R100

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/05/06			15.0	8.5	290	200	19	180	7	23	16
69/06/02			17.5		230	140	11	130	8	16	8
69/06/30			20.5	8.5	200	160	7	150	5	13	6
69/07/22			24.0		230				4		11
69/08/12			23.0	8.5	200	160	2	160	3	11	7
69/09/09			20.5	8.4	220	140	9	130	2	16	8
69/10/13			16.0	8.0	220	150	20	130	10	18	8
69/01/01											
YEAR	NUMBER		7.0	5.0	7	6	6	6	7	6	7
	MAXIMUM		24.0	8.5	290	200	20	180	10	23	16
	MINIMUM		15.0	8.0	200	140	2	130	2	11	6
	MEAN		19.5	8.4	227	158	11	147	6	16	9

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/06			0.48	0.06	0.1	0.140	0.120	350	2		230
69/06/02			0.43	0.05K	0.1K	0.050	0.030	230	1		1300
69/06/30			0.19	0.07	0.1	0.030	0.020	240	1		100
69/07/22			0.33	0.22	0.1	0.110	0.090	300	2		4800
69/08/12			0.17	0.08	0.1	0.020	0.020	130	1	0.01K	20
69/09/09			0.19	0.08	0.1	0.010	0.007	120	1		100
69/10/13				0.08	0.1	0.020	0.008	710	3		55
69/01/01											
YEAR	NUMBER		6.00	7.00	7.0	7.000	7.000	7	7	1.00	7
	MAXIMUM		0.48	0.22	0.1	0.140	0.120	710	3	0.01	4800
	MINIMUM		0.17	0.05	0.1	0.010	0.007	120	1	0.01	20
	MEAN		0.30	0.09	0.1	0.054	0.042	297	2	0.01	206

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

259010 20R102
42 21 23.0 082 55 45.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT30.8W0500
11150030 2111204
4 0028 FEET DEPTH

DT 30.8W-R102

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/05/06			14.0	8.4	300	200	10	190	5	24	17
69/06/02			17.5		230	150	11	140	8	17	8
69/06/30			19.5	7.4	210	140	7	130	5	14	7
69/07/22			23.5		200				3		9
69/08/12			23.0	8.3	210	140	2	140	3	14	8
69/09/09			20.5	8.4	220	150	12	140	3	16	8
69/10/13			16.0	8.0	220	160	34	120	10	16	8
69/01/01											
YEAR	NUMBER		7.0	5.0	7	6	6	6	7	6	7
	MAXIMUM		23.5	8.4	300	200	34	190	10	24	17
	MINIMUM		14.0	7.4	200	140	2	120	3	14	7
	MEAN		19.1	8.1	227	157	13	143	5	17	9

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND MF/100ML LOG
69/05/06			0.44	0.22	0.1	0.140	0.130	180	1		82
69/06/02			0.44	0.10	0.1K	0.080	0.060	300	1K		3300
69/06/30			0.16	0.08	0.1	0.020	0.010	220	9		80
69/07/22			0.27	0.11	0.1	0.070	0.050	270	1		18000
69/08/12			0.15	0.09	0.1	0.010	0.009	120	1K	0.01K	10
69/09/09			0.16	0.06	0.1	0.020	0.009	210	2		50
69/10/13			0.16	0.06	0.1	0.020	0.003K	860	1		84
69/01/01											
YEAR	NUMBER		7.00	7.00	7.0	7.000	7.000	7	7	1.00	7
	MAXIMUM		0.44	0.22	0.1	0.140	0.130	860	9	0.01	18000
	MINIMUM		0.15	0.06	0.1	0.010	0.003	120	1	0.01	10
	MEAN		0.25	0.10	0.1	0.051	0.039	308	2	0.01	207

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

259012 20R104
42 21 18.0 082 55 43.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT30.8W100N
11150030 2111204
4 0028 FEET DEPTH

DT 30.8W-R104

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/05/06			11.0	8.1	220	140	10	130	5	16	8
69/06/02			16.5		210	130	6	120	7	14	7
69/06/30			19.0	8.3	220	130	5	130	4	12	8
69/07/22			23.0		200				3		8
69/08/12			23.0	8.3	220	150	4	140	2	13	10
69/09/09			20.5	8.3	220	140	6	130	3	17	10
69/10/13			16.0	8.1	220	140	24	120	10	18	7
69/01/01											
YEAR	NUMBER		7.0	5.0	7	6	6	6	7	6	7
	MAXIMUM		23.0	8.3	220	150	24	140	10	18	10
	MINIMUM		11.0	8.1	200	130	4	120	2	12	7
	MEAN		18.4	8.2	216	138	9	128	5	15	8

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/06			0.28	0.11	0.2	0.050	0.040	140	2		9
69/06/02			0.33	0.10	0.1	0.060	0.050	180	2		2
69/06/30			0.15	0.10	0.1	0.010	0.005	160	2		11
69/07/22			0.23	0.13	0.1	0.030	0.020	210	1		230L
69/08/12			0.17	0.10	0.1	0.020	0.010	150	2	0.01K	10
69/09/09			0.16	0.06	0.1	0.020	0.010	110	1		10
69/10/13			0.18	0.06	0.1	0.010	0.003K	500	1		46
69/01/01											
YEAR	NUMBER		7.00	7.00	7.0	7.000	7.000	7	7	1.00	7
	MAXIMUM		0.33	0.13	0.2	0.060	0.050	500	2	0.01	230
	MINIMUM		0.15	0.06	0.1	0.010	0.003	110	1	0.01	2
	MEAN		0.21	0.09	0.1	0.029	0.020	207	2	0.01	15

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

42 21 05.0 082 55 35.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT30.8W2500
11150030 2111204
4 0006 FEET DEPTH

.DT 30.8W-R106

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/05/06			12.0	8.3	260	190	15	180	9	21	11
69/06/02			15.5		210	130	2	130	7	15	8
69/06/30			19.5	8.3	220	140	4	140	4	12	9
69/07/22			22.5		210				2		10
69/08/12			23.0	8.4	220	150	10	140	2	12	10
69/09/09			20.5	8.4	230	140	5	140	1	16	11
69/10/13			16.0	8.2	230	140	17	130	10	18	11
69/01/01											
YEAR	NUMBER		7.0	5.0	7	6	6	6	7	6	7
	MAXIMUM		23.0	8.4	260	190	17	180	10	21	11
	MINIMUM		12.0	8.2	210	130	2	130	1	12	8
	MEAN		18.4	8.3	226	148	9	143	5	16	10

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/06			0.35	0.09	0.9	0.030	0.020	350	1		90
69/06/02			0.27	0.05K	0.1	0.030	0.020	160	2		10K
69/06/30			0.26	0.10	0.1	0.040	0.030	130	3		1K
69/07/22			0.19	0.06	0.1	0.009	0.003K	100	2		2
69/08/12			0.19	0.10	0.1	0.020	0.010	80	1	0.01K	10
69/09/09			0.17	0.06	0.1	0.010	0.010	90	2		10K
69/10/13			0.15	0.08	0.1	0.010	0.003	460	2		110
69/01/01											
YEAR	NUMBER		7.00	7.00	7.0	7.000	7.000	7	7	1.00	7
	MAXIMUM		0.35	0.10	0.9	0.040	0.030	460	3	0.01	110
	MINIMUM		0.15	0.05	0.1	0.009	0.003	80	1	0.01	1
	MEAN		0.23	0.08	0.2	0.021	0.014	196	2	0.01	11

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

42 20 32.0 082 55 46.0
DETROIT RIVER-TRIB. TO LAKE ERIE
00 CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT30.7E0500
11150030 2111204
4 0025 FEET DEPTH

DT 30.7E-R109

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSJN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/05/06			14.0	8.4	270	200	25	170	20	22	12
69/06/02			17.0		260	190	12	180	8	19	11
69/06/30			20.0	8.4	220	150	10	140	7	16	9
69/07/22			23.0		240				20		12
69/08/12			23.0	8.5	230	160	4	150	3	12	10
69/09/09			20.0	8.3	220	150	9	140	3	17	10
69/10/13			16.0	8.1	230	140	6	140	5	18	11
69/01/01											
YEAR	NUMBER		7.0	5.0	7	6	6	6	7	6	7
	MAXIMUM		23.0	8.5	270	200	25	180	20	22	12
	MINIMUM		14.0	8.1	220	140	4	140	3	12	9
	MEAN		19.0	8.3	239	165	11	153	9	17	11
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WFT MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND0 MF/100ML LOG
69/05/06			0.33	0.05K	0.8	0.120	0.090	730	2		2000
69/06/02			0.40	0.15	0.4	0.070	0.060	260	3		700
69/06/30			0.20	0.09	0.2	0.020	0.007	240	1		780
69/07/22			0.35	0.12	0.6	0.040	0.010	790	1		4400
69/08/12			0.16	0.10	0.1	0.020	0.010	190	3	0.01K	10
69/09/09			0.17	0.08	0.1	0.020	0.007	230	2		70
69/10/13			0.05K	0.06	0.1	0.010	0.004	320	2		18
69/01/01											
YEAR	NUMBER		7.00	7.00	7.0	7.000	7.000	7	7	1.00	7
	MAXIMUM		0.40	0.15	0.8	0.120	0.090	790	3	0.01	4400
	MINIMUM		0.05	0.05	0.1	0.010	0.004	190	1	0.01	10
	MEAN		0.24	0.09	0.3	0.043	0.027	394	2	0.01	250
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

009005 20R111
42 20 28.0 082 55 47.0
DETROIT RIVER-TRIB. TO LAKE ERIE
00 CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT30.7E0850
11150030 2111204
4 0025 FEET DEPTH

DT 30.7E-R111

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/05/06			13.0	8.4	260	210	27	180	20	22	12
69/06/02			17.0		260	170	12	160	10	20	11
69/06/30			20.0	8.3	220	140	7	140	7	16	9
69/07/22			23.0		230				25		11
69/08/12			23.0	8.4	220	150	4	150	4	13	10
69/09/09			20.0	8.3	220	150	12	140	4	15	11
69/10/13			16.0	8.1	240	150	13	130	5	17	12
69/01/01											
YEAR	NUMBER		7.0	5.0	7	6	6	6	7	6	7
	MAXIMUM		23.0	8.4	260	210	27	180	25	22	12
	MINIMUM		13.0	8.1	220	140	4	130	4	13	9
	MEAN		18.8	8.3	236	162	13	150	11	17	11
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/06			0.40	0.15	1.0	0.080	0.040	690	1		460
69/06/02			0.40	0.12	0.5	0.040	0.020	370	2		24000
69/06/30			0.18	0.08	0.2	0.020	0.010	270	1		580
69/07/22			0.71	0.18	0.6	0.050	0.010	860	2		2700
69/08/12			0.20	0.11	0.1	0.030	0.020	210	1	0.01K	50
69/09/09			0.17	0.10	0.1	0.020	0.010	280	3		1200
69/10/13			0.17	0.07	0.1	0.010	0.003	310	1		80
69/01/01											
YEAR	NUMBER		7.00	7.00	7.0	7.000	7.000	7	7	1.00	7
	MAXIMUM		0.71	0.18	1.0	0.080	0.040	860	3	0.01	24000
	MINIMUM		0.17	0.07	0.1	0.010	0.003	210	1	0.01	50
	MEAN		0.32	0.12	0.4	0.036	0.016	427	2	0.01	701
70/01/00											

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FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

009007 20R113
42 20 27.0 082 55 48.0
DETROIT RIVER-TRIB. TO LAKE ERIE
00 CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT30.7E0980
11150030 2111204
4 0017 FEET DEPTH

DT 30.7E-R113

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/05/06			13.5	8.4	270	210	16	190	25	22	12
69/06/02			17.5		260	180	13	170	10	20	12
69/06/30			20.0	8.3	220	160	14	150	8	15	8
69/07/22			23.0		230				4		11
69/08/12			23.0	8.1	240	190	31	160	20	14	10
69/09/09			20.0	8.3	230	150	13	140	5	16	11
69/10/13			16.0	8.2	240	150	14	130	10	18	12
69/01/01											
YEAR	NUMBER		7.0	5.0	7	6	6	6	7	6	7
	MAXIMUM		23.0	8.4	270	210	31	190	25	22	12
	MINIMUM		13.5	8.1	220	150	13	130	4	14	8
	MEAN		19.0	8.3	241	173	17	157	12	18	11

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-P P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/06			0.35	0.09	0.8	0.090	0.040	800	1		700
69/06/02			0.44	0.17	0.5	0.040	0.030	450	1		6800
69/06/30			0.20	0.14	0.1	0.020	0.006	370	1K		820
69/07/22			0.30	0.18	0.2	0.020	0.008	240	1		100K
69/08/12			0.26	0.15	0.1	0.090	0.050	800	3	0.01K	2800
69/09/09			0.18	0.11	0.1	0.020	0.020	390	2		1300
69/10/13			0.15	0.07	0.1	0.010	0.004	500	1		1500
69/01/01											
YEAR	NUMBER		7.00	7.00	7.0	7.000	7.000	7	7	1.00	7
	MAXIMUM		0.44	0.18	0.8	0.090	0.050	800	3	0.01	6800
	MINIMUM		0.15	0.07	0.1	0.010	0.004	240	1	0.01	100
	MEAN		0.27	0.13	0.3	0.041	0.023	507	1	0.01	1114

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LMBO 33-A

259015 20R001
42 17 33.0 083 05 57.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT20.6-0C05
1115D030 2111204
4 0024 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00540 CHLORIDE CL MG/L	01045 IRON TCTAL LG/L	32730 PHENCLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LCG
69/04/28			10.0	6	8	330	3	24000
69/05/12			11.5	7	7	360	1	28000
69/05/26			13.0	7	8	280	2	120
69/07/07			21.0	20	8	980	1K	13000
69/08/18			25.0	10	8	460	1	15000
69/10/14			15.0	10	10	700	4	14000
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		25.0	20	10	980	4	28000
	MINIMUM		10.0	6	7	280	1	120
	MEAN		15.9	10	8	518	2	7771
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

279017 10000

42 17 33.0 083 05 57.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT20.6-0050
11150030 2111204
4 0026 FEET DEPTH

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	CF		WATER	TURB	CHLORIDE	IRCN	PHENOLS	CGLIFGRM
TO	DAY	FEET	TEMP	JKSA	CL	TOTAL	UG/L	IMPEDNDC
			CENT	JU	MG/L	UG/L		MF/100ML
69/04/28			10.0	6	8	310	2	8500
69/05/12			11.0	7	8	310	2	33000
69/05/26			13.0	7	9	340	2	370
69/07/07			20.0	15	8	570	1	11000
69/08/18			24.5	3	8	360	2	15000
69/10/14			15.0	10	10	630	3	17000
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		24.5	15	10	630	3	33000
	MINIMUM		10.0	3	8	310	1	370
	MEAN		15.6	8	9	420	2	8141
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

019 000

42' 17 32.0 083 05 55.0

DETROIT RIVER-TRIB. TO LAKE ERIE

26 MICHIGAN

WESTERN GREAT LAKES

STATION LOCATED ON IJC RANGE DT20.6-0200

11150030

2111204

4

0036 FEET DEPTH

DT. 20.6-R5

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	OF		WATER	TURB	CHLORIDE	IRCN	PHENOLS	COLIFORM
TO	DAY	FEET	TEMP	JKSN	CL	TOTAL		IMCENDOO
			CENT	JU	MG/L	UG/L	UG/L	MF/100ML
69/04/28			9.5	6	8	250	4	21000
69/05/12			11.0	6	7	260	1	14000
69/05/26			13.0	7	9	350	1	370
69/07/07			18.0	10	8	520	2	6300
69/08/18			24.5	4	8	310	1	15000
69/10/14			15.0	10	9	610	4	7500
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		24.5	10	9	610	4	21000
	MINIMUM		9.5	4	7	250	1	370
	MEAN		15.2	7	8	383	2	6524
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

021 000

42 17 31.0 083 05 53.0

DETROIT RIVER-TRID. TO LAKE ERIE

26 MICHIGAN

WESTERN GREAT LAKES

STATION LOCATED ON IJC RANGE DT20.6-0400

11150030

2111204

4

0038 FEET DEPTH

DT. 20.6-R7

DATE	TIME	DEPTH	00010	00070	00540	01045	32730	31501
FROM	CF		WATER	TURB	CHLORIDE	IRON	PHENOLS	COLIFORM
TO	DAY	FEET	TEMP	JKSN	CL	TOTAL	UG/L	IMEDENDU
			CENT	JU	MG/L	UG/L		MF/100ML
								LOG
69/04/28			9.5	6	7	260	4	3200
69/05/12			10.5	8	7	290	2	1900
69/05/26			13.0	7	8	270	2	240
69/07/07			18.0	7	8	460	1	1900
69/08/18			23.5	3	7	260	1	2400
69/10/14			15.0	10	9	550	4	1600
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		23.5	10	9	550	4	3200
	MINIMUM		9.5	3	7	260	1	240
	MEAN		14.9	7	8	348	2	1483
7C/01/CO								

SECRET RETRIEVAL DATE 70/02/75

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

250073 20R009
42 17 30 083 05 1.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT20.6-0600
1115C030 2111204
4 0038 FEET DEPTH

DATE FROM TO	TIME CF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00540 CHLORIDE CL MG/L	01045 IRON TCTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMCEND0 MF/100ML LOG
69/04/28			8.5	6	8	300	3	150
69/05/12			10.0	7	7	290	2	92
69/05/26			12.0	6	8	310	2	130
69/07/07			18.0	10	8	340	1	800 L
69/08/18			23.5	4	7	210	1	200
69/10/14			15.0	15	8	600	4	110
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		23.5	15	8	600	4	800
	MINIMUM		8.5	4	7	210	1	92
	MEAN		14.5	8	8	342	2	178
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE MICHIGAN BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

42 17 30.0 083 05 50.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT20.6-0700
11150030 2111204
4 0038 FEET DEPTH

DT 20.6-R10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IKCN TCTAL UG/L	32730 PHENOLS UG/L	31501 CCLIFORM INCCENDC MF/100ML LOG
69/04/28			8.5	7	8	270	1	120
69/05/12			10.0	8	8	300	1K	48
69/05/26			11.5	6	8	320	2	30
69/07/07			18.0	15	8	450	2	530
69/08/18			23.5	3	7	190	2	400
69/10/14			15.0	10	8	540	4	55
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		23.5	15	8	540	4	530
	MINIMUM		8.5	3	7	190	1	30
	MEAN		14.4	8	8	345	2	112
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LHBU 33-A

259025 20R011
 42 17 28.0 083 05 46.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT20.6-1000
 11150030 2111204
 4 0040 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TCTAL UG/L	32730 PHENOLS UG/L	31501 CCLIFORM IMEDEND0 MF/100ML LOG
69/04/28			8.5	8	7	350	3	140
69/05/12			10.0	8	9	280	1	60
69/05/26			11.5	8	8	370	2	130
69/07/07			17.0	20	9	790	1	660
69/08/18			23.0	4	10	200	2	300
69/10/14			15.0	10	8	540	4	85
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		23.0	20	10	790	4	660
	MINIMUM		8.5	4	7	200	1	60
	MEAN		14.2	10	9	422	2	162
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

42 17 28.0 083 05 40.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 00 CANADA
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT20.6-1500
 11150030 2111204
 4 0038 FEET DEPTH

DT 20.6-R12

DATE FROM TC	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLGRIDE CL MG/L	01045 IRON TCTAL UG/L	32730 PHENCLS UG/L	31501 CGLIFORM IMCEDEND PF/100ML LCG
69/04/28			9.0	8	9	430	2	1500
69/05/12			10.0	10	10	450	1K	220
69/05/26			12.0	10	9	500	2	430
69/07/07			17.0	20	9	850	4	1600 L
69/08/18			23.0	3	9	160	1	1500
69/10/14			15.0	10	8	470	20	100
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		23.0	20	10	850	20	1600
	MINIMUM		9.0	3	8	160	1	100
	MEAN		14.3	10	9	477	5	569
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBC 33-A

0011 0000 PRO

42 17 27.0 083 05 36.0
DETROIT RIVER-TRIB. TO LAKE ERIE
OO CANADA
WESTERN GREAT LAKES.

DT 20.6-R13

STATION LOCATED ON IJC RANGE DT20.6-1800
1115CG30 2111204
4 0033 FEET DEPTH

DATE FROM TC	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDC MF/100ML LCG
69/04/28			9.5	8	9	410	3	9800
69/05/12			10.5	20	10	730	1	2400
69/05/26			12.0	20	10	710	2	2400
69/07/07			17.0	20	9	820	2	59000
69/08/18			23.0	4	10	240	1K	12000
69/10/14			15.0	10	9	570	7	1400
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		23.0	20	10	820	7	59000
	MINIMUM		9.5	4	9	240	1	1400
	MEAN		14.5	14	10	580	3	6184
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE ERIE BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

009 20

42 17 24.0 C83 05 32.0

DETROIT RIVER-TRIB. TO LAKE ERIE

00 CANADA

WESTERN GREAT LAKES

STATION LOCATED ON IJC RANGE DT20.6-2300

11150030

2111204

4

0030 FEET DEPTH

DT 20.6-R16

DATE FROM TC	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00540 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPECUDO MF/100ML LCG
69/04/28			9.5	15	9	640	3	120000
69/05/12			10.5	25	10	930	1K	35000
69/05/26			13.0	30	10	1400	3	100000
69/07/07			17.0	30	9	1100	4	51000
69/08/18			23.5	6	11	460	1	140000
69/10/14			15.0	15	10	600	2	41000
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		23.5	30	11	1400	4	140000
	MINIMUM		9.5	6	9	460	1	35000
	MEAN		14.8	20	10	855	2	70516
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

42 14 50.0 083 07 44.0 DT 17.4W-R17
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT17.4W0100
 11150030 2111204
 4 0010 FEET DEPTH

DATE	TIME	DEPTH	00010 WATER	00070 TURB	00940 CHLORIDE	01045 IRON	32730 PHENOLS	31501 COLIFORM
FROM	OF		TEMP	JKSN	CL	TOTAL		IN CENDC
TO	DAY	FEET	CENT	JU	MG/L	UG/L	UG/L	MF/100ML
69/04/28			10.5	25	19	4100	11	29000
69/05/12			12.0	20	18	2300	8	56000
69/05/26			14.0	45	25	8700	15	2000
69/07/07			19.0	30	18	3900	7	110000
69/08/18			25.0	60	34	13000	8	3400
69/10/14			16.0	25	12	1700	11	5000
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		25.0	60	34	13000	15	110000
	MINIMUM		10.5	20	12	1700	7	2000
	MEAN		16.1	34	21	5617	10	13587
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

259 20
 42 14 50.0 083 07 43.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT17.4W0200
 11150C30 2111204
 4 0026 FEET DEPTH

DT 17.4W-R18

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	OF		WATER	TURB	CHLORIDE	IRON	PHENOLS	COLIFORM
TC	DAY	FEET	TEMP	JKSN	CL	TOTAL		IMEDEND0
			CENT	JU	MG/L	UG/L	UG/L	MF/100ML
69/04/28			9.5	10	12	570	9	28000
69/05/12			12.0	15	18	2400	9	40000
69/05/26			14.0	35	21	6700	14	1900
69/07/07			19.5	15	14	1100	5	70000
69/08/04								5000
69/08/18			24.5	4	11	430	8	16000
69/10/14			15.5	10	10	680	10	4700
69/10/28			9.5					500
69/01/01								
YEAR	NUMBER		7.0	6	6	6	6	8
	MAXIMUM		24.5	35	21	6700	14	70000
	MINIMUM		9.5	4	10	430	5	500
	MEAN		14.9	15	14	1980	9	8529
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

42 14 49.0 083 07 41.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT17.4W0400
 1115C030 2111204
 4 0035 FEET DEPTH

DT 17.4W-R19

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FRCM	CF		WATER	TURB	CHLORIDE	IRON	PHENOLS	COLIFORM
TO	DAY	FEET	TEMP	JKSN	CL	TOTAL		IMEDENDO
			CENT	JU	MG/L	UG/L	UG/L	MF/100ML
69/04/28			9.5	10	11	450	11	26000
69/05/12			11.0	8	12	520	6	31000
69/05/26			13.5	5	12	300	16	1000
69/07/07			20.0	15	14	890	5	61000
69/08/18			24.5	4	12	250	9	12000
69/10/14			15.5	10	11	690	13	3400
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		24.5	15	14	890	16	61000
	MINIMUM		9.5	4	11	250	5	1000
	MEAN		15.7	9	12	515	10	11230
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBU 33-A

590 20

42 14 47.0 083 07 38.0
DETROIT RIVER-TRIB. TO LAKE ERIE DT 17.4W-R21
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT17.4W0800
1115C030 2111204
4 0032 FEET DEPTH

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	OF		WATER	TURB	CHLORIDE	IRON	PHENOLS	COLIFORM
TC	DAY	FEET	TEMP	JKSJ	CL	TOTAL	UG/L	IMCENDOO
			CENT	JU	MG/L	UG/L		MF/100ML
69/04/28			9.5	10	10	420	5	19000
69/05/12			11.0	8	9	350	3	5700
69/05/26			13.0	7	11	320	11	500
69/07/07			18.5	10	9	460	3	3900
69/08/04								6600
69/08/18			24.0	2	9	240	4	5200
69/10/14			15.5	10	10	670	11	1200
69/10/28			9.0					170
69/01/01								
YEAR	NUMBER		7.0	6	6	6	6	8
	MAXIMUM		24.0	10	11	670	11	19000
	MINIMUM		9.0	2	9	240	3	170
	MEAN		14.4	8	10	410	6	2490
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH00 33-A

42 14 44.0 C83 07 33.0
DETROIT RIVER-TRIB. TO LAKE ERIE DT 17.4W-R23
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT17.4W1200
11150030 2111204
4 0034 FEET DEPTH

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	CF		WATER	TURB	CHLORIDE	IRON	PHENOLS	CCLIFCRM
TC	DAY	FEET	TEMP	JKSN	CL	TCTAL	UG/L	IMEGEND0
			CENT	JU	MG/L	UG/L		MF/100ML
								LOG
69/04/28			9.0	10	8	350	3	890
69/05/12			10.0	7	8	330	1K	80
69/05/26			13.5	7	9	540	5	370
69/07/07			17.0	15	9	520	2	800 L
69/08/18			24.0	3	8	210	2	3600
69/10/14			15.0	10	8	540	7	200
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		24.0	15	9	540	7	3600
	MINIMUM		9.0	3	8	210	1	80
	MEAN		14.8	9	8	415	3	480
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

42 14 42.0 083 07 28.0
DETROIT RIVER-TRIB. TO LAKE ERIE DT 17.4W-R25
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT17.4W1600
1115030 2111204
4 0033 FEET DEPTH

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	OF		WATER	TURB	CHLORIDE	IRON	PHENOLS	COLIFORM
TO	DAY	FEET	TEMP	JKN	CL	TOTAL	UG/L	IMCENDO
			CENT	JU	MG/L	CG/L		MF/100ML
								LCG
69/04/28			9.0	10	8	360	1	670
69/05/12			10.5	8	10	390	2	54
69/05/26			12.0	15	9	560	1	500
69/07/07			17.0	20	10	670	2	2300
69/08/04								7900
69/08/18			24.0	3	8	220	2	2900
69/10/14			15.0	10	8	520	6	200
69/10/28			8.0					80
69/01/01								
YEAR	NUMBER		7.0	6	6	6	6	8
	MAXIMUM		24.0	20	10	670	6	7900
	MINIMUM		8.0	3	8	220	1	54
	MEAN		13.6	11	9	453	2	593
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE ERIE BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

42 14 40.0 083 07 25.0 DT 17.4W-R26
DETROIT RIVER-TRIB. TO LAKE ERIE
OO CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT17.4W1500
1115D03C 2111204
4 0028 FEET DEPTH

DATE FROM TC	TIME CF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00540 CHLORIDE CL MG/L	01045 IRON TCTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/04/28			9.5	10	8	440	3	3600L
69/05/12			10.5	15	10	560	1	200
69/05/26			13.0	15	9	560	1	1700
69/07/07			17.0	25	10	930	3	800L
69/08/18			23.5	3	9	210	1	2000
69/10/14			15.0	10	8	490	5	550
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		23.5	25	10	930	5	3600
	MINIMUM		9.5	3	8	210	1	200
	MEAN		14.8	13	9	532	2	1012
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

0090 20R
42 14 15.0 083 06 33.0
DETROIT RIVER-TRIB. TO LAKE ERIE
ON CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT17.0E0400
11150030 2111204
4 0027 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TCTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPECENDO MF/100ML LCG
69/04/28			9.5	10	8	470	1	5500
69/05/12			10.5	20	10	800	1	3500
69/05/26			13.5	15	10	590	1	4600
69/07/07			17.0	20	10	820	3	16000
69/08/18			23.5	3	9	150	1	6300
69/10/14			15.0	10	12	650	5	9000
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		23.5	20	12	820	5	16000
	MINIMUM		9.5	3	8	190	1	3500
	MEAN		14.8	13	10	587	2	6569
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LHBC 33-A

42 14 15.0 083 06 28.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 00 CANADA
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE CT17.0E07C0
 1115C030 2111204
 4 0027 FEET DEPTH

DT 17.0E-R30

DATE	TIME	DEPTH	00010 WATER	00070 TURB	00940 CHLORIDE	01045 IRON	32730 PHENOLS	31501 CCLIFCRM
FRCM	CF		TEMP	JKSN	CL	TOTAL		IMELEND0
TO	DAY	FEET	CENT	JU	MG/L	UG/L	UG/L	MF/100ML
69/04/28			9.5	10	9	470	3	23000
69/05/12			11.0	20	11	860	1	14000
69/05/26			13.5	15	10	540	2	9100
69/07/07			18.0	20	12	830	3	24000
69/08/18			24.0	4	13	270	1	19000
69/10/14			15.0	20	28	670	3	21000
69/01/01								LOG
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		24.0	20	28	860	3	24000
	MINIMUM		9.5	4	9	270	1	9100
	MEAN		15.2	15	14	607	2	17432

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LHRD 33-A

905 000000

42 14 16.0 083 06 26.0

DETROIT RIVER-TRIB. TO LAKE ERIE

DT-17.0E-R31

00 CANADA

WESTERN GREAT LAKES

STATION LOCATED ON IJC RANGE DT17.0E0900

11150030

2111204

4

0027 FEET DEPTH

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FRCM	OF		WATER	TURB	CHLORIDE	IRON	PHENOLS	COLIFORM
TC	DAY	FEET	TEMP	JKSN	CL	TOTAL		IMCENDO
			CENT	JU	MG/L	UG/L	UG/L	MF/100ML
69/04/28			10.5	20	15	870	2	29000
69/05/12			11.0	30	16	1200	1	37000
69/05/26			14.0	15	18	650	1	4400
69/07/07			18.0	20	28	960	2	60000
69/08/18			24.5	15	37	960	1	77000
69/10/14			15.0	15	25	500	4	58000
69/01/01								
YEAR	NUMBER		6.0	6	6	6	6	6
	MAXIMUM		24.5	30	37	1200	4	77000
	MINIMUM		10.5	15	15	500	1	4400
	MEAN		15.5	19	23	857	2	32887

7C/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

42 12 28.0 083 08 41.0
DETROIT RIVER-TRIB. TO LAKE ERIE DT 14.6W-R32
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT14.6W0020
1115D030 2111204
4 0018 FEET DEPTH

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	OF		WATER	TURB	CHLORIDE	IRON	PHENOLS	COLIFORM
TO	DAY	FEET	TEMP	JKSJ	CL	TOTAL		IMPEDENDO
			CENT	JU	MG/L	UG/L	UG/L	MF/100ML
69/05/01			12.0	15	40	1500	12	20000
69/05/13			13.0	15	17	1400	13	20000
69/05/27			14.5	15	30	1200	10	88000
69/06/23			17.5	6	24	1300	4	72000
69/07/28			23.0	7	59	1000	5	240000
69/09/08			23.5	3	12	710	7	16000
69/10/15			15.5	10	15	970	10	2500
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		23.5	15	59	1500	13	240000
	MINIMUM		12.0	3	12	710	4	2500
	MEAN		17.0	10	28	1154	9	31960
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

259034 20R033
 42 12 28.0 085 08 40.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT14.6W0100
 11150030 2111204
 4 0018 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 CCLIFCRM IMEDENDO MF/100ML LOG
69/05/01			12.0	10	36	960	10	
69/05/13			11.5	20	16	990	12	21000
69/05/27			14.5	15	27	1100		25000
69/06/23			17.0	2	27	760	8	97000
69/07/28			22.5	5	39	590	6	240000
69/08/04								10000
69/09/08			23.5	4	36	440	6	16000
69/10/15			15.5	4	26	640	7	2200
69/10/28			9.5					490
69/01/01								
YEAR	NUMBER		8.0	7	7	7	6	8
	MAXIMUM		23.5	20	39	1100	12	240000
	MINIMUM		9.5	2	16	440	6	490
	MEAN		15.8	9	30	781	8	14638
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHRO 33-A

42 12 28.0 C83 08 39.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE CT14.6W0200
11150030 2111204
4 0024 FEET DEPTH

DT 14.6W-R34

DATE FROM TC	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TCTAL LG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/01			11.5	15	32	1100	10	4100
69/05/13			11.5	15	18	910	10	12000
69/05/27			14.0	15	23	950	8	9600
69/06/23			16.5	5	15	940	10	61000
69/07/28			22.0	4	26	480	5	140000
69/09/08			23.5	5	30	450	8	14000
69/10/15			15.5	3	22	970	10	3000
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		23.5	15	32	1100	10	140000
	MINIMUM		11.5	3	15	450	5	3000
	MEAN		16.4	5	24	828	9	14982
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE MICHIGAN BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

5901 20R
42 12 28.0 CH3 OR 38.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT14.6W0300
1115C030 2111204
4 0027 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TCTAL UG/L	32730 PHENOLS UG/L	31501 GCLIFCRM IMEDENDC MF/100ML LCG
69/05/01			11.0	20	14	840	9	
69/05/13			11.5	15	17	990	11	18000
69/05/27			14.5	15	28	960	8	9800
69/06/23			16.5	3	11	580	8	75000
69/07/28			22.0	5	22	360	4	230000
69/09/08			23.0	4	12	370	6	12000
69/10/15			15.0	4	11	720	10	2300
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	6
	MAXIMUM		23.0	20	28	990	11	230000
	MINIMUM		11.0	3	11	360	4	2300
	MEAN		16.2	9	16	688	8	20927
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE MICHIGAN BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

DETROIT RIVER-TRIO. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT14.6W0400
 1115C030 2111204
 4 0027 FEET DEPTH

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	CF		WATER	TURB	CHLORIDE	IRON	PHENOLS	COLIFORM
TO	DAY	FEET	TEMP	JKSA	CL	TOTAL	UG/L	IMEDENDG
			CENT	JU	MG/L	UG/L		MF/100ML
								LOG
69/05/01			11.0	10	14	730	12	1800
69/05/13			11.0	9	12	1100	10	24000
69/05/27			14.5	15	30	1000	7	4000
69/06/23			16.5	3	11	620	5	73000
69/07/28			22.0	4	10	300	4	83000
69/08/04								5100
69/09/08			22.5	4	9	320	6	16000
69/10/15			15.0	3	10	590	9	1800
69/10/28			9.0					450
69/01/01								
YEAR	NUMBER		8.0	7	7	7	7	9
	MAXIMUM		22.5	15	30	1100	12	83000
	MINIMUM		9.0	3	9	300	4	450
	MEAN		15.2	7	14	666	8	7432
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

2500 20

42 12 28.0 083 08 31.0

DETROIT RIVER-TRIB. TO LAKE ERIE

26 MICHIGAN

WESTERN GREAT LAKES

STATION LOCATED ON IJC RANGE CT14.6W0800

11150030

2111204

4

0025 FEET DEPTH

DT 14.6W-R38

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	OF		WATER	TURB	CHLORIDE	IRON	PHENOLS	COLIFORM
TO	DAY	FEET	TEMP	JKSN	CL	TOTAL		IMEDENDC
			CENT	JU	MG/L	UG/L	UG/L	MF/100ML
								LCG
69/05/01			10.5	10	12	450	8	600
69/05/13			11.0	7	10	360	7	5200
69/05/27			13.5	7	10	480	5	600
69/06/23			16.5	2	10	230	4	80000
69/07/28			22.0	7	9	360	2	50000
69/09/08			22.5	3	9	250	4	8000
69/10/15			15.0	2	10	460	9	1000
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	10	12	480	9	80000
	MINIMUM		10.5	2	9	230	2	600
	MEAN		15.9	5	10	370	6	4814
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

590 20P

42 12 29.0 083 08 29.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT14.6W1000
1115030
4
211204
0025 FEET DEPTH

DT 14.6W-R40

DATE	TIME	DEPTH	00010 WATER	00070 TURB	00940 CHLORIDE	01045 IRON	32730 PHENOLS	31501 COLIFORM
FROM	OF		TEMP	JKSN	CL	TOTAL		IMCENDU
TO	DAY	FEET	CENT	JU	MG/L	UG/L	UG/L	MF/100ML
69/05/01			10.5	6	12	690	7	600
69/05/13			10.5	7	9	330	5	7600
69/05/27			13.5	8	10	420	3	400
69/06/23			16.5	4	10	360	3	52000
69/07/28			22.0	6	8	310	3	45000
69/08/04								3600
69/09/08			22.5	3	9	280	4	4500
69/10/15			15.0	3	9	300	8	1100
69/10/28			8.5					270
69/01/01								
YEAR	NUMBER		8.0	7	7	7	7	9
	MAXIMUM		22.5	8	12	690	8	52000
	MINIMUM		8.5	3	8	280	3	270
	MEAN		14.9	5	10	384	5	3014

7C/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

257015 200013
42 12 30.0 083 08 16.0
DETROIT RIVER-TRIB. TO LAKE ERIE.
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT14.6W2000
11150030 2111204
4 0018 FEET DEPTH

DT 14.6W-R42

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	C0940 CHLGRIDE CL MG/L	C1045 IRGN TCTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMCENDG MF/100ML LCG
69/05/01			10.5	8	11	940	9	240
69/05/13			10.5	6	9	310	4	4100
69/05/27			13.5	7	10	350	3	1200
69/06/23			16.5	1	10	350	1	48000
69/07/28			22.0	3	9	250	2	60000
69/09/08			22.5	3	9	220	3	6000
69/10/15			15.0	2	9	380	6	1600
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	8	11	940	9	60000
	MINIMUM		10.5	1	9	220	1	240
	MEAN		15.8	4	10	400	4	4414
70/01/00								

STORET RETRIEVAL DATE 7C/02/25

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE ERIE BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

259 20
42 12 30.0 OF 3 OR 02.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT14.6W3000
11150030 2111204
4 0030 FEET DEPTH

DT 14.6W-R44

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSA JU	00940 CHLORIDE CL MG/L	01045 IPGN TCTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/01			10.0	8	10	510	2	110
69/05/13			10.5	8	10	330	3	220
69/05/27			13.5	7	10	280	1K	600
69/06/23			16.0	0.4	10	360	2	280
69/07/28			21.5	5	8	210	2	23000
69/09/08			22.5	3	9	150	1	1800
69/10/15			14.5	4	9	330	6	80
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	8	10	510	6	23000
	MINIMUM		10.0	0.4	8	150	1	80
	MEAN		15.5	5	9	310	2	540
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

591-1 208012
42 CB 10.0 083 CB 10.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT9.3EC0500
11150030 2111204
4 0003 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPECENDC MF/100ML LCG
69/05/01			11.0	7	13	1100	5	620
69/05/13			10.5	8	12	430	4	6000
69/05/27			14.0	7	11	330	2	3100
69/06/23			16.5	1	14	620	3	2100
69/07/28			21.5	8	14	460	1	82000
69/09/08			22.5	4	11	280	1	13000
69/10/15			15.0	4	11	340	7	2100
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	8	14	1100	7	82000
	MINIMUM		10.5	1	11	280	1	620
	MEAN		15.9	6	12	508	3	4746
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

359148 20R050
42 08 10.0 C85 08 01.0
DETROIT RIVER-TRIB. TO LAKE ERIC,
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT9.3E01200
1115C030 2111204
4 0005 FEET DEPTH

DT 9.3E-R50

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00540 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPECENDO MF/100ML LOG
69/05/01			10.0	6	10	340	4	500
69/05/13			10.0	8	8	330	2	2900
69/05/27			13.5	7	10	320	2	2400
69/06/23			16.5	1	12	480	3	23000
69/07/28			21.5	9	12	560	2	79000
69/09/08			22.5	5	11	390	2	13000
69/10/15			15.0	3	10	330	9	1600
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	9	12	560	9	79000
	MINIMUM		10.0	1	8	320	2	500
	MEAN		15.6	6	10	392	3	5386
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

42 08 11.0 C83 07 52.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT9.3E02000
 11150030 2111204
 4 0008 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 CCLIFCPM IMEDENDO MF/100ML LCG
69/05/01			10.0	7	11	320	5	420
69/05/13			10.0	8	8	360	3	1900
69/05/27			13.5	7	10	330	2	2600
69/06/23			16.5	3	10	400	4	19000
69/07/28			22.0	7	10	410	1	65000
69/09/08			22.5	5	10	420	3	10000
69/10/15			15.0	3	10	310	12	1500
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	8	11	420	12	65000
	MINIMUM		10.0	3	8	310	1	420
	MEAN		15.6	6	10	364	4	4518
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

591

208

42 CB 11.0 083 07 38.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC PANGE DT9.3EC3C00
 11150030 2111204
 4 0009 FEET DEPTH

DT 9.3E-R54

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00540 CHLORIDE CL MG/L	01045 IRON TCTAL LG/L	32730 PHENCLS UG/L	31501 COLIFORM IMCENDO MF/100ML LCG
69/05/01			10.0	6	10	270	2	450
69/05/13			10.0	7	8	330	1	1100
69/05/27			13.5	7	10	320	4	1600
69/06/23			16.5	0.8	10	590	1K	23000
69/07/28			22.0	4	8	240	2	37000
69/09/08			22.5	4	9	260	2	5800
69/10/15			15.0	3	9	300	5	200
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	7	10	590	5	37000
	MINIMUM		10.0	0.8	8	240	1	200
	MEAN		15.6	5	9	330	2	2590
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

42 08 12.0 C83 07 24.0
DETROIT RIVER-TRIB. TO LAKE ERIE
00 CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT9.3E04000
11150030 2111204
4 0027 FEET DEPTH

DATE FROM TC	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPECENDO MF/100ML LOG
69/05/01			10.0	9	10	420	3	240
69/05/13			10.5	15	10	450	1	470
69/05/27			13.5	7	9	260	5	1000
69/06/23			16.5	3	12	510	2	4600
69/07/28			22.0	3	8	190	2	7700
69/09/08			22.5	3	9	210	3	3200
69/10/15			14.5	5	9	270	8	360
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	15	12	510	8	7700
	MINIMUM		10.0	3	8	190	1	240
	MEAN		15.6	6	10	330	3	1244
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LHDU 33-A

0090 20R
 42 C8 12.0 C83 07 18.0
 DETROIT RIVER-TRIP. TO LAKE ERIE
 00 CANADA
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT9.3E04500
 11150030 2111204
 4 0027 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00910 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPERFECT MF/100ML LCC
69/05/01			10.5	15	29	550	4	4100
69/05/13			11.0	20	28	750	1	5900
69/05/27			13.5	7	9	280	4	1200
69/06/23			16.5	2	35	550	1	20000
69/07/28			22.0	6	10	270	4	2000
69/09/08			27.5	2	9	190	1	2000
69/10/15			14.5	5	22	330	4	20000
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	20	35	750	4	20000
	MINIMUM		10.5	2	9	190	1	1200
	MEAN		15.8	8	20	417	3	4642
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

42 08 12.0 083 07 13.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 00 CANADA
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE CT9.3E04800
 11150030 2111204
 4 0018 FEET DEPTH

DT 9.3E-R59

DATE FROM TO	TIME OF DAY	DEPTH FEET	0001C WATER TEMP CENT	00070 TURB JKSA JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPECUDO MF/100ML LOG
69/05/01			10.5	20	24	620	2	7000
69/05/13			11.0	20	20	810	1	7500
69/05/27			13.5	8	21	330	3	2000
69/06/23			16.5	3	31	620	2	33000
69/07/28			21.0	15	28	570	1	39000
69/09/08			22.5	3	25	180	1	12000
69/10/15			14.5	4	32	230	8	24000
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	20	32	810	8	39000
	MINIMUM		10.5	3	20	180	1	2000
	MEAN		15.6	10	26	480	3	12142
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LHB0 33-A

009052 208060
 42 08 17.0 085 07 11.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 OO CANADA
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT9.3E05000
 11150030 2111204
 4 0018 FEET DEPTH

DT 9.3E-R60

DATE	TIME	DEPTH	00010	00070	00940	01045	32730	31501
FROM	OF		WATER	TURB	CHLORIDE	IRON	PHENOLS	CCLIFLPM
TC	DAY	FEET	TEMP	JKSN	CL	TOTAL	UG/L	IMEDENDU
			CENT	JU	MG/L	UG/L		MF/100ML
69/05/01			11.0	15	17	670	2	22000
69/05/13			11.0	25	18	840	1	9600
69/05/27			14.0	9	26	380	2	6300
69/06/23			16.5	2	28	1000	1	24000
69/07/28			21.0	20	22	680	4	32000
69/09/08			22.5	5	27	250	1K	33000
69/10/15			14.5	5	27	310	2	41000
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	25	28	1000	4	41000
	MINIMUM		11.0	2	17	250	1	6300
	MEAN		15.8	12	24	590	2	20221

7C/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

42 08 12.0 083 07 03.0
DETROIT RIVER-TRIB. TO LAKE ERIE
00 CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT9.3E0560
11150030 2111204
4 0019 FEET DEPTH

DT 9.3E-R62

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TUPB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPCENDG MF/100ML LCG
69/05/01			11.0	20	12	750	4	19000
69/05/13			11.0	55	15	2000	1K	19000
69/05/27			14.5	10	12	500	2	4600
69/06/23			16.5	6	44	1300	1	4600
69/07/28			21.0	20	17	740	1	75000
69/09/08			22.5	6	14	420	1	18000
69/10/15			14.0	8	30	630	5	44000
69/01/01								
YEAR	NUMBER		7.0	7	7	7	7	7
	MAXIMUM		22.5	55	44	2000	5	75000
	MINIMUM		11.0	6	12	420	1	4600
	MEAN		15.8	18	21	906	2	17246
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LHBC 33-A

250000 250001
 42 07 38.0 C83 10 40.0
 DETROIT RIVER-TRI. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT8.7W00080
 11150030 2111204
 4 0003 FEET DEPTH

DT 8.7W-R91

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/04/17			11.0					
69/05/06			13.5	40	41	5500	6	600
69/05/14			12.5	15	35	3900	48	1100
69/05/27			13.5	15	36	1300	26	70000
69/06/10			16.5	8	43	1000	2	4500
69/07/02			22.5	10	34	920	23	20000
69/08/04								15000
69/08/11			22.0	10	38	1100	37	28000
69/09/15			21.0	9	36	1200	29	14000
69/10/27			10.0	7	40	1000	30	12000
69/10/28			9.5					6200
69/01/01								
YEAR	NUMBER		10.0	8	8	8	8	10
	MAXIMUM		22.5	40	43	5500	48	70000
	MINIMUM		9.5	7	34	920	2	600
	MEAN		15.2	14	38	1990	25	8433
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH8U 33-A

42 07 38.0 083 10 37.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT8.7WC0280
 11150030 2111204
 4 0012 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP °C CENT	00070 TURB JKN "JU" "	00940 CHLORIDE CL MG/L	01045 IRON TCTAL UG/L	32730 PHENOLS UG/L	31501 CCLIFORM IMECLNOC MF/100ML LOG
69/04/17			10.5					
69/05/06			13.0	15	35	920	6	3900
69/05/14			11.5	15	29	810	9	720
69/05/27			13.5	15	32	1000	11	23000
69/06/10			16.5	7	34	670	11	2500
69/07/02			21.5	5	27	600	5	12000
69/08/11			22.0	10	30	1000	6	4800
69/09/15			21.0	8	34	800	6	600
69/10/27			9.5	4	33	680	6	220
69/01/01								
YEAR	NUMBER		9.0	8	8	8	8	8
	MAXIMUM		22.0	15	35	1000	11	23000
	MINIMUM		9.5	4	27	600	5	220
	MEAN		15.4	10	32	810	8	2433
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON CASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

259001 700003
 42 C7 37.C 003 10 35.0
 DETROIT RIVER-TRIB. TO LAKE ERIE.
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT8.7W00480
 11150030 2111204
 4 0013 FEET DEPTH

DT 8.7W-R93

DATE FROM TC	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPDEND MF/100ML LUG
69/04/17			10.0					
69/05/06			13.0	15	21	810	5	29000
69/05/14			11.5	7	16	840	7	13000
69/05/27			13.5	15	20	1200	9	69000
69/06/10			16.0	7	20	760	9	19000
69/07/02			21.5	4	18	470	8	2300
69/08/04								8100
69/08/11			22.0	10	18	650	4	9000
69/09/15			20.5	6	21	720	6	900
69/10/27			9.0	5	18	560	4	230
69/10/28			9.0					220
69/01/01								
YEAR	NUMBER		10.0	8	8	8	8	10
	MAXIMUM		22.0	15	21	1200	9	69000
	MINIMUM		9.0	4	16	470	4	220
	MEAN		14.6	9	19	751	7	4547
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

42 07 37.0 083 10 32.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT8.7W00680
 11150030 2111204
 4 0014 FEET DEPTH

DT 8.7W-R94

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	CC940 CHLORIDE CL MG/L	C1C45 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 CCLIFORM IMLDCND MF/100ML LUG
69/04/17			10.0					
69/05/06			13.0	10	14	690	4	20000
69/05/14			11.5	8	12	680	9	31000
69/05/27			13.0	15	14	900	6	45000
69/06/10			15.5	6	15	710	10	46000
69/07/02			21.5	5	12	490	5	3800
69/08/11			22.0	10	13	720	4	22000
69/09/15			20.5	5	13	700	4	700
69/10/27			9.0	5	12	480	7	300
69/01/01								
YEAR	NUMBER		9.0	8	8	8	8	8
	MAXIMUM		22.0	15	15	900	10	460000
	MINIMUM		9.0	5	12	480	4	300
	MEAN		15.1	8	13	671	6	11069
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

2590 20805
 42 07 37.0 083 10 38.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT8.7WC0980
 1115030 2111204
 4 0014 FEET DEPTH

DT 8.7W-R93

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLORIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMPECUDO MF/100ML LOG
69/04/17			10.0					
69/05/06			13.0	10	12	480	5	2100
69/05/14			11.0	7	10	470	8	17000
69/05/27			13.0	10	11	520	6	48000
69/06/10			15.5	5	13	510	11	30000
69/07/02			21.5	3	11	400	4	2700
69/08/04								10000
69/08/11			21.5	4	12	410	2	17000
69/09/15			20.0	3	10	350	4	100
69/10/27			8.5	4	10	360	3	140
69/10/28			9.0					220
69/01/01								
YEAR	NUMBER		10.0	8	8	8	8	10
	MAXIMUM		21.5	10	13	520	11	48000
	MINIMUM		8.5	3	10	350	2	100
	MEAN		14.3	6	11	438	5	3063
7C/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

42 07 37.0 083 10 25.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT8.7W01240
 11150030 2111204
 4 0012 FEET DEPTH

DATE FROM TC	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00070 TURB JKSN JU	00940 CHLGRIDE CL MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 CCLIFORM INCLUDED MF/100ML LGG
69/04/17			10.0					
69/05/06			13.0	10	16	530	4	18000
69/05/14			11.0	7	14	530	8	17000
69/05/27			12.5	15	14	650	6	18000
69/06/10			15.5	6	15	530	10	28000
69/07/02			21.0	5	12	480	4	9500
69/08/11			21.5	5	11	370	1	20000
69/09/15			20.0	1	11	260	4	1200
69/10/27			8.5	4	11	280	4	800
69/01/01								
YEAR	NUMBER		9.0	8	8	8	8	8
	MAXIMUM		21.5	15	16	650	10	28000
	MINIMUM		8.5	1	11	260	1	800
	MEAN		14.8	7	13	454	5	8534
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

42 03 13.0 083 10 41.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-02500
11150030 2111204
4 0008 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			14.0								
69/05/14			14.0		360				8		46
69/06/10			19.0	7.7	360	240	15	220	10	23	39
69/07/02			23.0		310				7		32
69/08/11			25.0	8.1	300	200	11	190	10	17	39
69/09/15			21.5		320	240	30	210	20	21	32
69/10/27			9.0	8.4	280	170	8	160	6	22	22
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		25.0	8.4	360	240	30	220	20	23	46
	MINIMUM		9.0	7.7	280	170	8	160	6	17	22
	MEAN		17.9	8.1	322	213	16	195	10	21	35
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDFND0 MF/100ML LOG
69/05/14			0.42	0.46	0.3	0.620	0.300	700	9		2300
69/06/10			0.74	0.55	0.2	0.400	0.330	1300	6		34000
69/07/02			0.29	0.67	0.2	0.840	0.750	700	4		20000
69/08/11			0.28	0.58	0.2	0.410	0.320	710	3	0.01K	20000
69/09/15			0.35	0.50	0.2	0.570	0.440	1800	3		4000
69/10/27			0.63	0.05K	0.2	0.170	0.120	460	4		160
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.74	0.67	0.3	0.840	0.750	1800	9	0.01	34000
	MINIMUM		0.28	0.05	0.2	0.170	0.120	460	3	0.01	160
	MEAN		0.45	0.47	0.2	0.502	0.377	945	5	0.01	5211
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

259051 29R067
42 03 14.0 083 10 28.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-03500
11150030 2111204
4 0008 FEET DEPTH

DT 3.9-R67

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			13.0								
69/05/14			13.0		320				6		32
69/06/10			17.0	8.2	340	220	8	210	10	20	35
69/07/02			21.5		290				5		31
69/08/11			25.0	8.1	310	200	9	190	10	16	31
69/09/15			21.0		310	220	29	190	20	20	33
69/10/27			9.0	8.3	240	150	12	140	6	21	12
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		25.0	8.3	340	220	29	210	20	21	35
	MINIMUM		9.0	8.1	240	150	8	140	5	16	12
	MEAN		17.1	8.2	302	198	15	183	10	19	29
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WFT MG/L	00666 PHOS-D P-WFT MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMPDENDO MF/100ML LOG
69/05/14			0.51	0.51	0.3	0.390	0.190	660	10		120
69/06/10			0.76	1.30	0.1	0.220	0.200	750	18		420
69/07/02			0.31	0.54	0.2	0.210	0.170	840	5		30000 L
69/08/11			0.05K	0.05K	0.2	0.280	0.230	580	5	0.01K	2900
69/09/15			0.29	0.63	0.1	0.310	0.220	1600	10		3000
69/10/27			0.46	0.08	0.1	0.180	0.150	470	6		400
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.76	1.30	0.3	0.390	0.230	1600	18	0.01	30000
	MINIMUM		0.05	0.05	0.1	0.180	0.150	470	5	0.01	120
	MEAN		0.40	0.52	0.2	0.265	0.193	817	9	0.01	1372
70/01/00											

0052 0004
42 03 14.0 083 10 15.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-04500
11150030 2111204
4 0010 FEET DEPTH

DT 3.9-R68

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			12.0								
69/05/14			12.5		300				6		28
69/06/10			16.5	8.4	300	190	9	180	10	18	26
69/07/02			21.0		260				4		22
69/08/11			25.0	8.1	240	160	7	160	6	12	16
69/09/15			21.0		300	190	19	180	15	19	30
69/10/27			8.5	8.2	240	160	9	150	6	21	12
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		25.0	8.4	300	190	19	180	15	21	30
	MINIMUM		8.5	8.1	240	160	7	150	4	12	12
	MEAN		16.6	8.2	273	175	11	168	8	18	22
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND MF/100ML LOG
69/05/14			0.42	0.37	0.2	0.300	0.310	490	14		90
69/06/10			0.92	1.70	0.1	0.190	0.170	510	8		1600
69/07/02			0.33	0.35	0.1	0.160	0.120	590	3		69000
69/08/11			0.05K	0.05K	0.2	0.130	0.120	490	1K	0.01K	18000
69/09/15			0.35	0.54	0.1	0.220	0.160	1200	8		2700
69/10/27			0.50	0.05K	0.1	0.090	0.060	360	3		250
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.92	1.70	0.2	0.300	0.310	1200	14	0.01	69000
	MINIMUM		0.05	0.05	0.1	0.090	0.060	360	1	0.01	90
	MEAN		0.43	0.51	0.1	0.182	0.157	607	6	0.01	2223
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

259053 209069
42 03 14.0 083 10 02.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-05500
11150030 2111204
4 0010 FEET DEPTH

DT 3.9-R69

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			11.0								
69/05/14			12.0		260				6		22
69/06/10			16.5	8.2	260	170	11	160	5	17	16
69/07/02			21.0		220				4		13
69/08/11			24.5	8.2	240	160	9	160	5	12	12
69/09/15			20.5		320	190	19	170	10	20	29
69/10/27			9.0	8.2	240	150	8	140	6	20	11
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		24.5	8.2	320	190	19	170	10	20	29
	MINIMUM		9.0	8.2	220	150	8	140	4	12	11
	MEAN		16.4	8.2	257	168	12	158	6	17	17

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WFT MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND MF/100ML LOG
69/05/14			0.36	0.33	0.2	0.280	0.120	460	9		2900
69/06/10			0.55	0.57	0.1	0.150	0.150	440	8		5300
69/07/02			0.33	0.26	0.1	0.140	0.110	540	3		55000
69/08/11			0.05K	0.05K	0.2	0.240	0.220	390	1	0.01K	8700
69/09/15			0.29	0.49	0.1	0.190	0.150	980	7		1700
69/10/27			0.45	0.05K	0.2	0.100	0.060	330	4		600
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.55	0.57	0.2	0.280	0.220	980	9	0.01	55000
	MINIMUM		0.05	0.05	0.1	0.100	0.060	330	1	0.01	600
	MEAN		0.34	0.29	0.2	0.183	0.135	523	5	0.01	4381

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

054 054 054 054
42 03 14.0 083 09 48.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-06500
11150930 2111204
4 0011 FEET DEPTH

DT 3.9-R70

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSJN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			10.0								
69/05/14			11.5		240				5		13
69/06/10			16.5	8.2	250	170	9	160	10	16	14
69/07/02			20.5		220				5		12
69/08/11			24.0	8.2	220	150	7	140	5	10	12
69/09/15			20.0		280	180	18	170	8	19	23
69/10/27			8.5	8.2	220	150	11	140	6	20	10
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		24.0	8.2	280	180	18	170	10	20	23
	MINIMUM		8.5	8.2	220	150	7	140	5	10	10
	MEAN		15.8	8.2	238	163	11	153	7	16	14

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/05/14			0.34	0.28	0.2	0.240	0.090	370	9		3600
69/06/10			1.60	0.65	0.1	0.110	0.070	440	23		13000
69/07/02			0.14	0.29	0.1	0.100	0.070	470	4		46000
69/08/11			0.05K	0.05K	0.2	0.110	0.100	300	1K	0.01K	4900
69/09/15			0.26	0.44	0.1	0.180	0.150	890	6		1100
69/10/27			0.21	0.11	0.1	0.040	0.010	300	2		300
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		1.60	0.65	0.2	0.240	0.150	890	23	0.01	46000
	MINIMUM		0.05	0.05	0.1	0.040	0.010	300	1	0.01	300
	MEAN		0.43	0.30	0.1	0.130	0.082	462	8	0.01	3893

70/01/00

STOREY RETRIEVAL DATE 70/02/16

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

259055 208071
42 03 14.0 083 09 35.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-07500
11150030 2111204
4 0011 FEET DEPTH

DT 3.9-R71

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			10.0								
69/05/14			11.5		240				5		13
69/06/10			16.5	8.3	250	170	11	160	10	16	14
69/07/02			20.5		210				5		24
69/08/11			24.0	8.3	220	150	9	140	10	10	12
69/09/15			20.0		240	170	21	140	8	18	15
69/10/27			8.5	8.2	220	160	9	150	5	20	9
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		24.0	8.3	250	170	21	160	10	20	24
	MINIMUM		8.5	8.2	210	150	9	140	5	10	9
	MEAN		15.8	8.3	230	163	13	148	7	16	15
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMCENNO MF/100ML LOG
69/05/14			0.36	0.28	0.2	0.160	0.040	330	8		3000
69/06/10			0.62	0.54	0.1	0.160	0.130	480	9		13000
69/07/02			0.29	0.21	0.1	0.110	0.080	610	3		28000
69/08/11			0.05K	0.05K	0.1	0.080	0.070	290	1K	0.01K	2200
69/09/15			0.24	0.37	0.1	0.160	0.120	840	4		1800
69/10/27			0.18	0.08	0.1	0.120	0.090	270	2		150
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.62	0.54	0.2	0.160	0.130	840	9	0.01	28000
	MINIMUM		0.05	0.05	0.1	0.080	0.040	270	1	0.01	150
	MEAN		0.29	0.26	0.1	0.132	0.088	470	5	0.01	2942
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

057 007
42 03 14.0 083 09 03.0
DETROIT RIVER-TRIB. TO LAKE ERIE
26 MICHIGAN
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-09500
11150030 2111204
4 0013 FEET DEPTH

DT 3.9-R73

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			9.5								
69/05/14			11.0		220				6		10
69/06/10			16.0	8.5	240	160	12	150	10	15	12
69/07/02			20.0		210				5		10
69/08/11			24.0	8.3	220	150	9	140	6	11	10
69/09/15			20.0		230	150	21	130	8	17	11
69/10/27			8.5	7.8	220	140	8	130	8	21	9
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		24.0	8.5	240	160	21	150	10	21	12
	MINIMUM		8.5	7.8	210	140	8	130	5	11	9
	MEAN		15.6	8.2	223	150	13	139	7	16	10

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMED END MF/100ML LOG
69/05/14			0.28	0.05	0.3	0.040	0.010	280	5		1900
69/06/10			1.20	0.47	0.1	0.060	0.050	320	21		8400
69/07/02			0.23	0.16	0.1	0.050	0.030	430	5		7700
69/08/11			0.05K	0.05K	0.1	0.330	0.300	290	1K	0.01K	300
69/09/15			0.24	0.26	0.1	0.130	0.080	890	2		5800
69/10/27			0.16	0.14	0.1	0.560	0.540	300	1		100
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		1.20	0.47	0.3	0.560	0.540	890	21	0.01	8400
	MINIMUM		0.05	0.05	0.1	0.040	0.010	280	1	0.01	100
	MEAN		0.36	0.19	0.1	0.195	0.168	418	6	0.01	1666

70/01/00

STORET RETRIEVAL DATE 70/02/16

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

009018 20R075
42 03 15.0 083 08 35.0
DETROIT RIVER-TRIO. TO LAKE ERIE
00 CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-11500
11150030 2111204
4 0011 FEET DEPTH

DT 3.9-R75

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			8.5								
69/05/14			11.0		220				4		8
69/06/10			16.0	8.5	240	150	9	140	5	14	10
69/07/02			20.0		200				3		9
69/08/11			24.0	8.3	220	190	10	180	10	10	10
69/09/15			20.0		230	160	17	140	7	16	10
69/10/27			8.5	8.2	230	140	12	130	9	20	9
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		24.0	8.5	240	190	17	180	10	20	10
	MINIMUM		8.5	8.2	200	140	9	130	3	10	8
	MEAN		15.4	8.3	223	160	12	148	6	15	9

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDFNDO MF/100ML LOG
69/05/14			0.17	0.10	0.2	0.040	0.008	190	3		690
69/06/10			0.55	0.24	0.1	0.040	0.020	190	3		4500
69/07/02			0.20	0.17	0.2	0.040	0.003K	300			6100
69/08/11			0.05K	0.05	0.1	0.080	0.060	400	1	0.01K	1400
69/09/15			0.18	0.13	0.1	0.060	0.030	600	1		1000
69/10/27			0.18	0.13	0.1	0.020	0.003	330	2		160
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	5	1.00	6
	MAXIMUM		0.55	0.24	0.2	0.080	0.060	600	3	0.01	6100
	MINIMUM		0.05	0.05	0.1	0.020	0.003	190	1	0.01	160
	MEAN		0.22	0.14	0.1	0.047	0.021	335	2	0.01	1272

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

902 2000
42 03 15.0 OR3 08 12.0
DETROIT RIVER-TRIB. TO LAKE ERIE
OO CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-13500
11150030 2111204
4 0013 FEET DEPTH

DT 3.9-R77

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	000400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			8.5								
69/05/14			10.5		210				4		8
69/06/10			16.0	8.5	240	150	7	140	5	15	11
69/07/02			20.0		210				4		9
69/08/11			24.0	8.4	270	150	11	140	6	0	15
69/09/15			19.5		270	150	27	130	15	15	9
69/10/27			8.5	8.2	230	150	20	130	10	19	11
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		24.0	8.5	240	150	27	140	15	19	15
	MINIMUM		8.5	8.2	210	150	7	130	4	0	8
	MEAN		15.3	8.4	222	150	16	135	7	15	11

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND MF/100ML LOG
69/05/14			0.16	0.10	0.2	0.040	0.009	180	2		580
69/06/10			0.57	0.16	0.1	0.040	0.020	190	14		4000
69/07/02			0.14	0.14	0.2	0.040	0.020	280	2		3000
69/08/11			0.06	0.05K	0.1	0.050	0.050	320	1K	0.01K	1100
69/09/15			0.18	0.11	0.1	0.040	0.020	720	1		700
69/10/27			0.21	0.16	0.2	0.040	0.020	490	1K		260
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.57	0.16	0.2	0.050	0.050	720	14	0.01	4000
	MINIMUM		0.06	0.05	0.1	0.040	0.009	180	1	0.01	260
	MEAN		0.22	0.12	0.2	0.042	0.023	363	4	0.01	1057

70/01/00

STORE RETRIEVAL DATE 70/02/16

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

009022 20R079
42 03 15.0 0P3 07 50.0
DETROIT RIVER-TRIB. TO LAKE ERIE
00 CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-15000
11150030 7111204
4 0023 FEET DEPTH

DT 3.9-R79

DATE	TIME	DEPTH	00010	00400	00095	00500	00530	00515	00070	00945	00940
FROM	OF		WATER	PH	CONDUCTVY	RESIDUE	RESIDUE	RESIDUE	TURB	SULFATE	CHLORIDE
TO	DAY	FEET	TEMP	S U	AT 25C	TOTAL	TOT NFLT	TOT FLT	JKSN	SO4	CL
			CENT		MICROMHO	MG/L	MG/L	MG/L	JU	MG/L	MG/L
69/04/17			8.5								
69/05/14			10.5		210				6		8
69/06/10			16.0	8.5	240	150	9	140	5	15	10
69/07/02			20.0		160				3		8
69/08/11			23.0	8.4	220	150	6	150	6	12	6
69/09/15			19.5		220	260	25	240	15	16	8
69/10/27			8.5	8.1	270	170	17	150	15	38	22
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		23.0	8.5	270	260	25	240	15	38	22
	MINIMUM		8.5	8.1	160	150	6	140	3	12	6
	MEAN		15.1	8.3	220	183	14	170	8	20	10

70/01/00

DATE	TIME	DEPTH	00605	00610	00620	00665	00666	01045	32730	00720	31501
FROM	OF		ORG N	AMMONIA	NITRATE	PHOS-T	PHOS-D	IRON	PHENOLS	CYANIDE	COLIFORM
TO	DAY	FEET	N	NH3-N	NO3-N	P-WET	P-WET	TOTAL	UG/L	CN	IMPFEND
			MG/L	MG/L	MG/L	MG/L	MG/L	UG/L		MG/L	MF/100ML
69/05/14			0.20	0.05K	0.2	0.090	0.010	260	2		2500
69/06/10			0.28	0.16	0.1	0.050	0.030	250	1		3900
69/07/02			0.18	0.18	0.1	0.030	0.020	220	2		1900
69/08/11			0.05K	0.06	0.1	0.150	0.060	250	1	0.01K	1000
69/09/15			0.16	0.10	0.1	0.040	0.020	750	1		400
69/10/27			0.24	0.11	0.2	0.040	0.020	600	2		5900
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.28	0.18	0.2	0.150	0.060	750	2	0.01	5900
	MINIMUM		0.05	0.05	0.1	0.030	0.010	220	1	0.01	400
	MEAN		0.19	0.11	0.1	0.067	0.027	388	2	0.01	1860

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

42 03 16.0 083 07 38.0
DETROIT RIVER-TRIB. TO LAKE ERIE
00 CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-16500
11150030 2111204
4 0011 FEET DEPTH

DT 3.9-R81

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TUPB JKSN JU	00945 SULFATE SO4 MG/L	00940 .CHLORIDE CL MG/L
69/04/17			9.0								
69/05/14			11.0		260				8		22
69/06/10			16.0	8.5	240	150	4	140	5	15	10
69/07/02			20.0		180				4		9
69/08/11			22.0	8.4	240	170	11	160	5	10	16
69/09/15			20.0		240	150	20	130	10	15	15
69/10/27			8.0	8.2	300	190	22	170	15	39	30
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		22.0	8.5	300	190	22	170	15	39	30
	MINIMUM		8.0	8.2	180	150	4	130	4	10	9
	MEAN		15.0	8.4	243	165	14	150	8	20	17
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31571 COLIFORM IMEDFNDO MF/100ML LOG
69/05/14			0.19	0.05K	0.3	0.050	0.004	370	5		3600
69/06/10			0.21	0.14	0.1	0.020	0.008	220	4		1300
69/07/02			0.15	0.11	0.1	0.040	0.020	260	2		1200
69/08/11			0.05K	0.07	0.1	0.060	0.100	250	1K	0.01K	2900
69/09/15			0.19	0.17	0.1	0.060	0.040	480	1		2100
69/10/27			0.18	0.08	0.2	0.040	0.010	630	1		25000
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.21	0.17	0.3	0.060	0.100	630	5	0.01	25000
	MINIMUM		0.05	0.05	0.1	0.020	0.004	220	1	0.01	1200
	MEAN		0.16	0.10	0.2	0.045	0.030	368	2	0.01	3081
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

009025 20R092
42 03 16.0 083 07 25.0
DETROIT RIVER-TRIA. TO LAKE ERIE
ON CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-17500
11150030 7111204
4 0008 FEET DEPTH

DT 3.9-R82

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TUPR JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			9.0								
69/05/14			11.5		270				15		25
69/06/10			16.0	8.5	260	160	9	150	5	14	19
69/07/02			19.5		240				4		21
69/08/11			22.0	8.4	250	180	21	160	10	10	19
69/09/15			20.0		290	190	10	180	3	17	32
69/10/27			8.0	8.2	320	210	20	190	15	39	34
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		22.0	8.5	320	210	21	190	15	39	34
	MINIMUM		8.0	8.2	240	160	9	150	3	10	18
	MEAN		15.1	8.4	272	185	15	170	9	20	25
70/01/00											

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WFT MG/L	00666 PHOS-D P-WFT MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMPDENDO MF/100ML LOG
69/05/14			0.17	0.10	0.4	0.080	0.007	550	5		8600
69/06/10			0.24	0.14	0.1	0.020	0.006	330	4		2200
69/07/02			0.05	0.07	0.2	0.020	0.009	240	3		8000
69/08/11			0.05K	0.05K	0.1	0.100	0.040	320	1	0.01K	16000
69/09/15			0.14	0.06	0.1	0.020	0.020	210	1		14000
69/10/27			0.21	0.08	0.2	0.050	0.020	700	2		40000
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.24	0.14	0.4	0.100	0.040	700	5	0.01	40000
	MINIMUM		0.05	0.05	0.1	0.020	0.006	210	1	0.01	2200
	MEAN		0.14	0.08	0.2	0.048	0.017	392	3	0.01	10521
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

009026 20R081 20R083
42 03 17.0 C83 07 20.0
DETROIT RIVER-TRIB. TO LAKE ERIE
OO CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-18500
11150030 2111204
4 0004 FEET DEPTH

DT 3.9-R83

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTV AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			10.0								
69/05/14			11.5		280				20		26
69/06/10			16.0	8.5	280	180	11	170	10	14	24
69/07/02			20.0		220				5		21
69/08/11			27.0	8.4	290	220	12	210	10	10	30
69/09/15			20.0		380	260	16	240	9	19	59
69/10/27			8.0	8.2	360	220	18	200	15	40	45
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		22.0	8.5	380	260	18	240	20	40	59
	MINIMUM		8.0	8.2	220	180	11	170	5	10	21
	MEAN		15.4	8.4	302	220	14	205	12	21	34

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDFND0 MF/100ML LOG
69/05/14			0.20	0.08	0.5	0.080	0.009	660	6		8900
69/06/10			0.50	0.76	0.1	0.020	0.003K	380	4		6600
69/07/02			0.50	0.10	0.2	0.040	0.020	320	2		9200
69/08/11			0.05K	0.05K	0.2	0.050	0.040	340	1K	0.01K	16000
69/09/15				0.09	0.1	0.030	0.020	330	1		27000
69/10/27			0.24	0.11	0.2	0.050	0.020	670	1		35000
69/01/01											
YEAR	NUMBER		5.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.50	0.76	0.5	0.080	0.040	670	6	0.01	35000
	MINIMUM		0.05	0.05	0.1	0.020	0.003	320	1	0.01	6600
	MEAN		0.30	0.20	0.2	0.045	0.019	450	3	0.01	14192

70/01/00

009028 208084
 42 03 17.0 083 07 05.0
 DETROIT RIVER-TRIB. TO LAKE ERIE
 00 CANADA
 WESTERN GREAT LAKES
 STATION LOCATED ON IJC RANGE DT3.9-19000
 11150030 2111204
 4 0003 FEET DEPTH

DT 3.9-R84

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			10.0								
69/05/14			11.5		320				15		37
69/06/10			16.0	8.4	280	170	12	160	10	14	23
69/07/02			20.0		300				5		42
69/08/11			22.0	8.2	300	230	13	210	15	12	37
69/09/15			20.0		420	330	42	290	35	18	69
69/10/27			8.0	8.2	380	250	19	230	15	40	51
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		22.0	8.4	420	330	42	290	35	40	69
	MINIMUM		8.0	8.2	280	170	12	160	5	12	23
	MEAN		15.4	8.3	333	245	22	223	16	21	43

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND MF/100ML LOG
69/05/14			0.28	0.11	0.6	0.100	0.020	580	3		7000
69/06/10			0.22	0.10	0.2	0.030	0.006	390	3		6700
69/07/02			0.06	0.08	0.2	0.030	0.020	220	2		2000
69/08/11			0.05K	0.17	0.2	0.930	0.820	350	1	0.01K	23000
69/09/15			0.22	0.14	0.1	0.040	0.020	910	1		55000
69/10/27			0.22	0.14	0.2	0.050	0.020	660	5		31000
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.28	0.17	0.6	0.930	0.820	910	5	0.01	55000
	MINIMUM		0.05	0.08	0.1	0.030	0.006	220	1	0.01	2000
	MEAN		0.18	0.12	0.3	0.197	0.151	518	3	0.01	12424

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHRD 33-A

42 03 17.0 083 07 00.0
DETROIT RIVER-TRIB. TO LAKE ERIE
00 CANADA
WESTERN GREAT LAKES
STATION LOCATED ON IJC RANGE DT3.9-19300
11150030 2111204
4 0003 FEET DEPTH

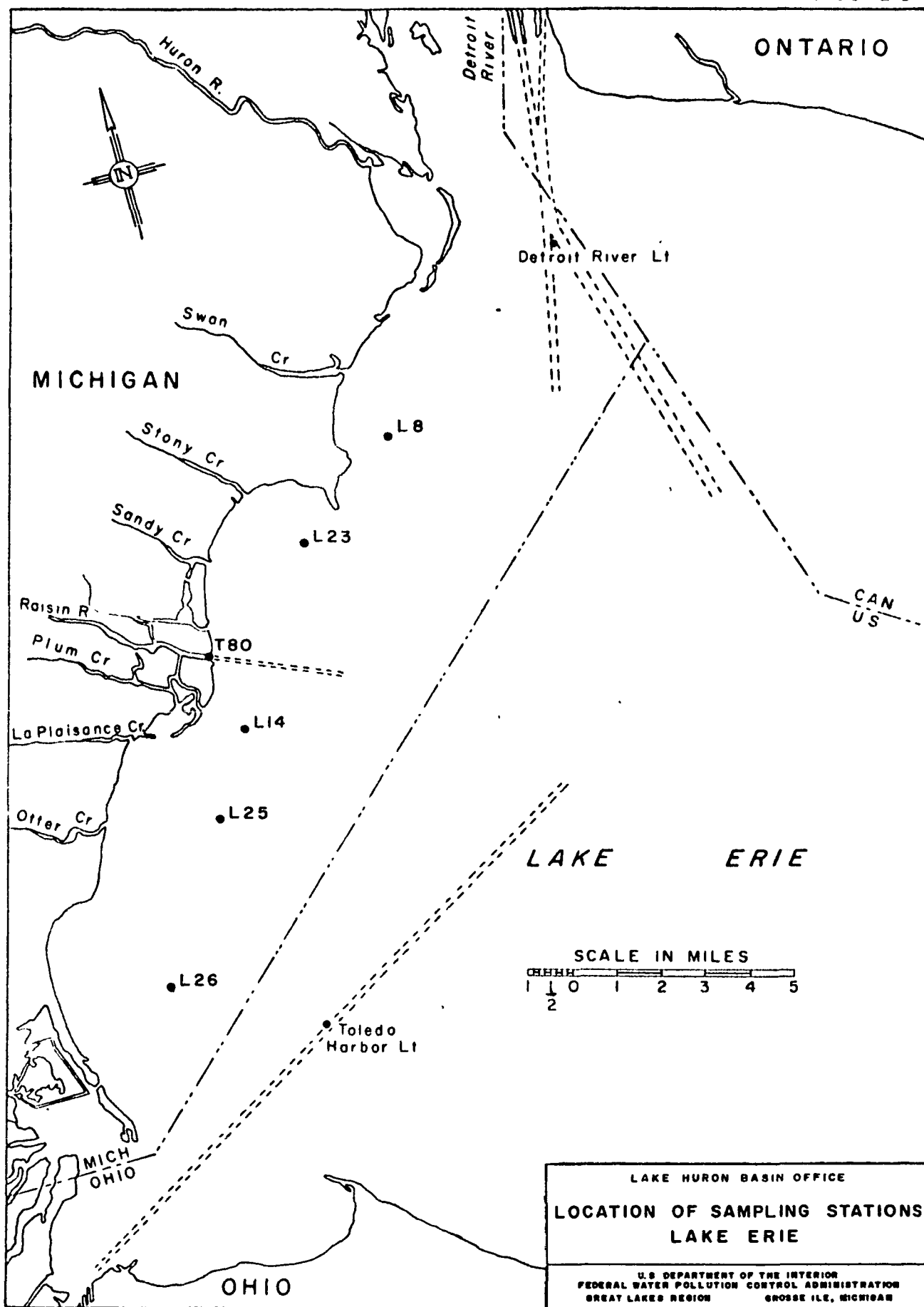
DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE TOT FLT MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/04/17			10.0								
69/05/14			12.0		360				15		48
69/06/10			16.5	7.4	370	250	9	240	10	16	51
69/07/02			20.0		340				6		56
69/08/11			22.0	8.4	320	250	9	240	7	11	42
69/09/15			20.0		410	300	37	260	25	19	66
69/10/27			8.0	8.2	400	240	15	230	10	41	54
69/01/01											
YEAR	NUMBER		7.0	3.0	6	4	4	4	6	4	6
	MAXIMUM		22.0	8.4	410	300	37	260	25	41	66
	MINIMUM		8.0	7.4	320	240	9	230	6	11	42
	MEAN		15.5	8.0	367	260	18	243	12	22	53

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	00720 CYANIDE CN MG/L	31501 COLIFORM IMEDEND MF/100ML LOG
69/05/14			0.23	0.05K	0.6	0.220	0.090	530	3		24000
69/06/10			0.30	0.26	0.2	0.040	0.010	280	48		12000
69/07/02			0.05	0.10	0.2	0.340	0.320	180	2		3300
69/08/11			0.05K	0.08	0.1	0.150	0.110	330	2	0.01K	15000
69/09/15			0.21	0.10	0.1	0.050	0.030	720	1		22000
69/10/27			0.29	0.11	0.2	0.040	0.020	590	1		36000
69/01/01											
YEAR	NUMBER		6.00	6.00	6.0	6.000	6.000	6	6	1.00	6
	MAXIMUM		0.30	0.26	0.6	0.340	0.320	720	48	0.01	36000
	MINIMUM		0.05	0.05	0.1	0.040	0.010	180	1	0.01	3300
	MEAN		0.19	0.12	0.2	0.140	0.097	438	10	0.01	14978

70/01/00

FIGURE 8



FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

415700008313540
41 57 00.0 083 13 54.0
STATION CODED L.S. CHARTS 37639
26 MICHIGAN
WESTERN GREAT LAKES
WESTERN LAKE ERIE L 8
1115G030 2111202
3 0018 FEET DEPTH

LAKE ERIE
L8

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTIVITY AT 25C MICRMOHMO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSJN JU	00945 SULFATE SO4 MG/L
69/07/01			20.0	7.8	86	8.1	240	190	7	180	4.0	14
69/07/11			23.5	8.0	94							
69/09/10			20.5	6.8	76	7.9	230	160	16	140	5.0	17
69/10/20			12.0	9.6	89	8.2	280	170	32	140	20.0	28
69/01/01												
YEAR	NUMBER		4.0	4.0	4	3.0	3	3	3	3	3.0	3
	MAXIMUM		23.5	9.6	94	8.2	280	190	32	180	20.0	28
	MINIMUM		12.0	6.8	76	7.9	230	160	7	140	4.0	14
	MEAN		19.0	8.1	86	8.1	250	173	18	153	9.7	20

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDEND LOG MF/100ML
69/07/01			12	0.08	0.29	0.1	0.080	0.050	220	3	380
69/09/10			11	0.25	0.24	0.1	0.080	0.060	480	2	690
69/10/20			20	0.65	0.19	0.3	0.110	0.070	820	5	110
69/01/01											
YEAR	NUMBER		3	3.00	3.00	3.0	3.000	3.000	3	3	3
	MAXIMUM		20	0.65	0.29	0.3	0.110	0.070	820	5	690
	MINIMUM		11	0.08	0.19	0.1	0.080	0.050	220	2	110
	MEAN		14	0.33	0.24	0.2	0.090	0.060	507	3	307

70/01/00

CRE STRID DAT /02

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

415508008317100
41 55 08.0 083 17 10.0
STATION CODED L.S. CHARTS 37&39
26 MICHIGAN
WESTERN GREAT LAKES
WESTERN LAKE ERIE L 23
11150030 2111202
3 0018 FEET DEPTH

LAKE ERIE
L23

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICRCMHO	00500 RESIDUE TCTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/07/01			20.5	10.7	120	9.0	310	220	14	200	6.0	27
69/07/11			24.0	10.6	125							
69/09/10			21.0	8.6	96	8.5	280	170	13	160	8.0	24
69/10/20			12.0	9.5	88	8.3	300	190	28	160	20.0	32
69/01/01												
YEAR	NUMBER		4.0	4.0	4	3.0	3	3	3	3	3.0	3
	MAXIMUM		24.0	10.7	125	9.0	310	220	28	200	20.0	32
	MINIMUM		12.0	8.6	88	8.3	280	170	13	160	6.0	24
	MEAN		19.4	9.9	107	8.6	297	193	18	173	11.3	28

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/07/01			19	0.16	0.36	0.3	0.110	0.070	260	3	42
69/09/10			21	0.32	0.30	0.1	0.120	0.090	420	2	140
69/10/20			20	0.49	0.22	0.3	0.110	0.060	830	1	19
69/01/01											
YEAR	NUMBER		3	3.00	3.00	3.0	3.000	3.000	3	3	3
	MAXIMUM		21	0.49	0.36	0.3	0.120	0.090	830	3	140
	MINIMUM		19	0.16	0.22	0.1	0.110	0.060	260	1	19
	MEAN		20	0.32	0.29	0.2	0.113	0.073	503	2	48

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LHBO 33-A

259213 11T080
41 53 34.0 083 20 15.0
RIVER RAISIN LHPO T080
26 MICHIGAN
WESTERN GREAT LAKES
LAKE ERIE
11150050
2 2111204
0000 FEET DEPTH

LAKE ERIE
T80

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/07/01			21.5	4.9	56	8.2	490	360	66	290	35.0	63
69/09/10			22.0	0.1K	1	7.3	540	360	14	350	15.0	77
69/10/20			12.0	0.7	6	7.7	700	450	27	430	30.0	110
69/01/01												
YEAR	NUMBER		3.0	3.0	3	3.0	3	3	3	3	3.0	3
	MAXIMUM		22.0	4.9	56	8.2	700	450	66	430	35.0	110
	MINIMUM		12.0	0.1	1	7.3	490	360	14	290	15.0	63
	MEAN		18.5	1.9	21	7.7	577	390	36	357	26.7	83

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31531 COLIFORM IMEDENDO MF/100ML LOG
69/07/01			24	0.46	0.63	1.6	0.270	0.130	1700	3	4500
69/09/10			34	0.08	1.40	0.1	0.340	0.270	390	14	36000
69/10/20			32	0.80	0.58	0.2	0.370	0.250	680		82000
69/01/01											
YEAR	NUMBER		3	3.00	3.00	3.0	3.000	3.000	3	2	3
	MAXIMUM		34	0.80	1.40	1.6	0.370	0.270	1700	14	82000
	MINIMUM		24	0.08	0.58	0.1	0.270	0.130	390	3	4500
	MEAN		30	0.45	0.87	0.6	0.327	0.217	923	9	23683

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LM80 33-A

415152008319440
41 51 52.0 083 19 44.0
STATION CODED L.S. CHARTS 37639
26 MICHIGAN
WESTERN GREAT LAKES
WESTERN LAKE ERIE
1115G030
3
L 14
2111202
0010 FEET DEPTH

LAKE ERIE
L14

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTIVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TCT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/07/01			21.5	8.8	100	8.8	440	340	24	320	15.0	55
69/07/11			26.0	9.0	110							
69/09/10			19.5	10.2	111	8.8	280	180	11	170	6.0	23
69/10/20			12.0	10.6	98	8.6	300	220	26	200	25.0	37
69/01/01												
YEAR	NUMBER		4.0	4.0	4	3.0	3	3	3	3	3.0	3
	MAXIMUM		26.0	10.6	111	8.8	440	340	26	320	25.0	55
	MINIMUM		12.0	8.8	98	8.6	280	180	11	170	6.0	23
	MEAN		19.8	9.6	105	8.7	340	247	20	230	15.3	38
70/01/00												

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/07/01			22	0.13	0.35	1.6	0.130	0.070	480	3	250
69/09/10			20	0.33	0.29	0.1	0.100	0.080	340	2	380
69/10/20			20	0.60	0.21	0.3	0.090	0.030	920	2	55
69/01/01											
YEAR	NUMBER		3	3.00	3.00	3.0	3.000	3.000	3	3	3
	MAXIMUM		22	0.60	0.35	1.6	0.130	0.080	920	3	380
	MINIMUM		20	0.13	0.21	0.1	0.090	0.030	340	2	55
	MEAN		21	0.35	0.28	0.7	0.107	0.060	580	2	174
70/01/00											

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

415016008320550
 41 50 16.0 083 20 55.0
 STATION CODED L.S. CHARTS 37&39
 26 MICHIGAN
 WESTERN GREAT LAKES
 WESTERN LAKE ERIE
 1115G030
 3

LAKE ERIE
 L 25

L 25
 2111202

0015 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SC4 MG/L
69/07/01			21.5	9.1	104	8.8	400	300	21	280	15.0	50
69/07/11			25.5	8.7	106							
69/09/10			20.0	9.3	101	8.7	290	200	18	180	10.0	31
69/10/20			12.0	10.2	94	8.5	320	190	27	160	15.0	38
69/01/01												
YEAR	NUMBER		4.0	4.0	4	3.0	3	3	3	3	3.0	3
	MAXIMUM		25.5	10.2	106	8.8	400	300	27	280	15.0	50
	MINIMUM		12.0	8.7	94	8.5	290	190	18	160	10.0	31
	MEAN		19.8	9.3	101	8.7	337	230	22	207	13.3	40

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LUG
69/07/01			22	0.05K	0.34	1.7	0.120	0.070	520	5	5
69/09/10			19	0.40	0.28	0.1	0.080	0.060	440	2	40
69/10/20			21	0.61	0.17	0.3	0.080	0.040	620	2	60L
69/01/01											
YEAR	NUMBER		3	3.00	3.00	3.0	3.000	3.000	3	3	3
	MAXIMUM		22	0.61	0.34	1.7	0.120	0.070	620	5	60
	MINIMUM		19	0.05	0.17	0.1	0.080	0.040	440	2	5
	MEAN		21	0.35	0.26	0.7	0.093	0.057	527	3	23

70/01/00

41 47 09.0 083 23 19.0
 STATION CODED L.S. CHARTS 37039
 26 MICHIGAN
 WESTERN GREAT LAKES
 WESTERN LAKE ERIE
 1115G030
 3

LAKE ERIE
 L 26

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

L 26
 2111202
 0015 FEET DEPTH

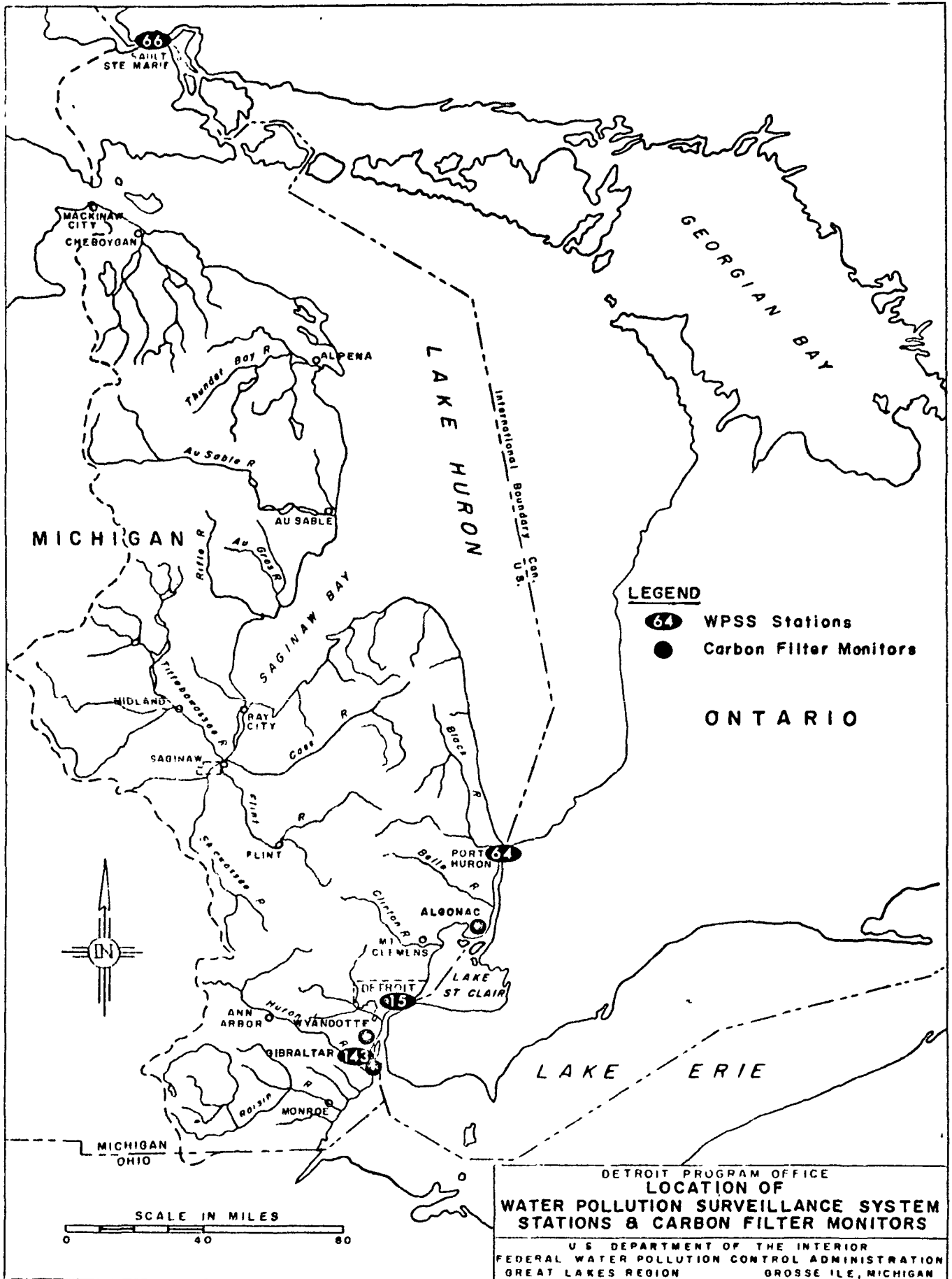
DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00095 CONDUCTVY AT 25C MICROMHO	00500 RESIDUE TOTAL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L
69/07/01			21.5	8.6	98	8.6	380	300	18	280	20.0	47
69/07/11			25.5	12.4	151							
69/09/10			20.5	7.4	82	8.2	290	210	28	180	20.0	37
69/10/20			12.0	10.3	95	8.4	300	220	23	190	15.0	37
69/01/01												
YEAR	NUMBER		4.0	4.0	4	3.0	3	3	3	3	3.0	3
	MAXIMUM		25.5	12.4	151	8.6	380	300	28	280	20.0	47
	MINIMUM		12.0	7.4	82	8.2	290	210	18	180	15.0	37
	MEAN		19.9	9.7	106	8.4	323	243	23	217	18.3	40

70/01/00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00940 CHLORIDE CL MG/L	00605 ORG N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	01045 IRON TOTAL UG/L	32730 PHENOLS UG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/07/01			20	0.05K	0.25	1.6	0.110	0.060	540	4	4
69/09/10			20	0.49	0.52	0.1	0.110	0.060	890	2	4
69/10/20			20	0.64	0.14	0.3	0.080	0.030	660	1	6
69/01/01											
YEAR	NUMBER		3	3.00	3.00	3.0	3.000	3.000	3	3	3
	MAXIMUM		20	0.64	0.52	1.6	0.110	0.060	890	4	6
	MINIMUM		20	0.05K	0.14	0.1	0.080	0.030	540	1	4
	MEAN		20	0.39	0.30	0.7	0.100	0.050	697	2	5

70/01/00

FIGURE 9



FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

2111204
 0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CAC03 MG/L	00335 COD LOWLEVEL MG/L	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00080 COLOR PT-CO UNITS
69/01/06			0.8	13.9	98	7.5	42	8.0				0
69/01/13			0.8	13.9	98	7.5	43	10.0	6	37	0.4	0
69/01/20			0.9	13.5	95	7.5	42	8.0				0
69/01/27			0.8	13.8	97	7.5	42	8.0				0
69/02/03			0.8	14.0	99	7.5	43	7.0				0
69/02/10			0.8	14.0	99	7.5	42	8.0	1	72	0.4	0
69/02/17			0.8	14.0	99	7.5	42	7.0				0
69/02/24			0.8	13.6	96	7.5	42	6.0				0
69/03/03			0.8	13.9	98	7.5	42	8.0				0
69/03/10			1.5	14.0	101	7.5	42	7.0	2	75	0.6	0
69/03/17			1.1	14.0	99	7.5	42	9.0				0
69/03/24			1.0	14.1	99	7.5	43	9.0				0
69/03/31			0.8	14.0	99	7.5	43	4.0				0
69/04/07			1.5	13.9	101	7.5	41	8.0	4	62	1.0	0
69/04/14			2.2	13.8	100	7.5	40	5.0				0
69/04/21			2.1	13.8	100	7.5	41	5.0				0
69/04/28			1.8	13.7	99	7.5	42					0
69/05/05			2.9	14.4	107	7.5	42		1	86	1.0	0
69/05/12			4.5	14.1	110	7.5	42	4.0				0
69/05/19			4.8	13.7	107	7.5	41	9.0				0
69/05/26			5.7	13.5	108	7.5	41	7.0				0
69/06/02			7.4	13.4	110	7.5	41	8.0				0
69/06/09			8.3	13.2	111	7.5	42	5.0				0
69/06/16			9.2	12.6	109	7.5	40	7.0				0
69/06/23			10.5	12.3	111	7.5	42	6.0				0
69/06/30			10.4	12.1	107	7.5	41	4.0				0
69/07/07			11.9	12.0	111	7.5	41	8.0	3	59	2.0	0
69/07/14			13.4	11.8	111	7.5	40	5.0				0
69/07/21			17.6	10.5	111	7.5	41	4.0				0
69/07/28			17.5	10.5	111	7.5	41	5.0				0
69/08/04			19.2	9.5	101	7.6	40	4.0	3	68	1.0	0
69/08/11			19.2	9.1	97	7.5	41	4.0				0
69/08/18			19.8	9.2	100	7.5	42	4.0				0
69/08/25			20.2	9.1	99	7.5	42	5.0				0
69/09/01			20.3	9.2	100	7.5	43	3.0				0
69/09/08			20.0	8.9	97	7.5	43	5.0	2	61	0.5	0
69/09/15			19.7	8.5	92	7.6	42	6.0				0
69/09/22			17.5	9.7	102	7.8	43	4.0				0
69/09/29			15.6	10.1	101	7.5	42	4.0				0
69/10/06			14.5	10.7	105	7.5	40	2.0				0
69/01/01												
YEAR	NUMBER		40.0	40.0	40	40.0	40	38.0	8	8	8.0	40
	MAXIMUM		20.3	14.4	111	7.8	43	10.0	6	86	2.0	0
	MINIMUM		0.8	8.5	92	7.5	40	2.0	1	37	0.4	0
	MEAN		8.2	12.3	102	7.5	42	6.1	3	65	0.9	0

250066 25082307 068-
 46 29 29.0 C84 25 17.0
 ST MARYS RIV AT SAULT STE MARIE
 26 MICHIGAN
 WESTERN GREAT LAKES
 LAKE SUPERIOR
 1110NET
 4 2111204
 0000 FEET DEPTH

WPSS
 STATION 66

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
 GREAT LAKES REGION
 LAKE HURON BASIN OFFICE
 REPORT OF DATA COLLECTED IN 1969
 LH80 33-A

DATE FROM TO	TIME OF DAY	DEPTH FEET	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	00900 TOT HARD CACO3 MG/L	31503 COLIFORM DLY ENDO MF/100ML LOG
69/01/06				2						44	1
69/01/13			4	1			0.2	0.020	0.006	43	3
69/01/20				1						41	1K
69/01/27				1						42	1K
69/02/03				1						42	5
69/02/10			3	2			0.2	0.005	0.004	42	3
69/02/17				1						41	1K
69/02/24				2						42	19
69/03/03				1						43	1K
69/03/10				2			0.3	0.004	0.004	42	3
69/03/17				1						41	1
69/03/24				1						41	4
69/03/31				2						42	1K
69/04/07			10	1			0.2	0.009	0.005	40	1
69/04/14				1						39	8
69/04/21				1						40	2
69/04/28				1						52	3
69/05/05			10				0.3	0.009	0.008	52	3
69/05/12										52	1K
69/05/19										52	8L
69/05/26				1						52	1
69/06/02				1						51	10
69/06/09				1						52	2
69/06/16				1						52	6
69/06/23				1						52	8
69/06/30				1						51	130
69/07/07			11	1			0.1K	0.010	0.006	52	4
69/07/14				1						52	12
69/07/21				1						52	14
69/07/28				1						51	9
69/08/04			10	1	0.81	0.14	0.2	0.020	0.010	52	1
69/08/11				1						52	
69/08/18				1						53	
69/08/25				1						55	18
69/09/01				1						52	40
69/09/08			1	1	0.29	0.05K	0.2	0.030	0.020	52	10
69/09/15				1						52	
69/09/22				1						54	84
69/09/29				1						53	100
69/10/06				1						53	54
69/01/01											
YEAR	NUMBER		7	37	2.00	2.00	8.0	8.000	8.000	40	37
	MAXIMUM		11	2	0.81	0.14	0.3	0.030	0.020	55	130
	MINIMUM		1	1	0.29	0.05	0.1	0.004	0.004	39	1
	MEAN		7	1	0.55	0.10	0.2	0.012	0.008	48	5

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
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250064 25083511 064-
42 59 19.0 082 25 29.0
ST CLAIR RIVER AT PORT HURON
26 MICHIGAN
WESTERN GREAT LAKES
ST. CLAIR-DETROIT RIVERS
1110NET 2111204
4 0000 FEET DEPTH

WPSS
STATION 64

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CAC03 MG/L	00310 BOD 5 DAY MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00090 COLOR PT-CO UNITS
69/01/06			0.5	14.8	104	8.1	77	3.0	122	1.0	0
69/01/13			0.1	14.5	99	8.1	77	2.1	108	1.0	0
69/01/20			0.3	14.2	97	8.1	77	1.9	100	1.0	0
69/01/27			0.1	14.4	99	8.1	77	2.2	75	0.0	0
69/02/03			0.1	14.2	97	8.1	77	2.1	87	0.0	0
69/02/10			0.1			8.1	78	3.5	97	0.0	0
69/02/17			1.0	14.8	104	8.1	78	3.8	100	0.0	0
69/02/24			1.0	14.7	104	8.1	78	2.4	82	0.0	0
69/03/03			1.0	14.8	104	8.1	79	2.3	132	0.0	0
69/03/10			1.0	14.7	104	8.1	78	2.6	132	0.0	0
69/03/17			1.0	14.7	104	8.1	78	2.9	109	0.0	0
69/03/24			1.0	14.5	102	8.1	76	2.9	79	0.0	0
69/03/31			3.5	13.8	105	8.1	76	2.4	104	6.0	3
69/04/07			3.5	13.5	103	8.1	76	2.8	120	4.0	2
69/04/14			5.0	13.4	105	8.1	76	2.8	108	0.0	0
69/04/21			5.0	12.2	95	8.1	78			6.0	3
69/04/28			5.0	12.6	98	8.1	78	2.5	127	0.0	0
69/05/05			6.7	12.4	102	8.1	78	1.7	135	0.0	0
69/05/12			9.0	11.4	98	8.3	82	1.5		2.0	0
69/05/19			9.4	11.8	102	8.3	80	0.9		2.0	0
69/05/26			10.0	11.5	102	8.3	78	0.7		7.0	3
69/06/02			11.1	11.6	150	8.3	82	0.9		0.0	0
69/06/09			11.5	10.7	99	8.3	82	0.1		4.0	2
69/06/16			12.0	10.7	99	8.3	80	0.5		1.0	0
69/06/23			14.0	10.3	99	8.3	78	0.8		1.0	0
69/06/30			15.6	10.5	105	8.3	77	0.9		0.0	0
69/07/07			12.0	9.1	84	8.3	78			4.0	2
69/07/14			19.0	9.4	100	8.3	78			1.0	0
69/07/22			20.0	9.5	103	8.3	78	0.3		1.0	0
69/07/28			20.5	9.5	106	8.3	78	0.3		1.0	0
69/08/04			20.8	9.7	102	8.3	78	0.5		0.0	0
69/08/11			20.5	9.2	102	8.3	78			1.0	0
69/08/18			22.0	8.5	97	8.3	78	0.1		1.0	0
69/08/25			22.2	8.7	99	8.3	78	0.9		0.0	0
69/09/07			22.0	8.8	100	8.3	79	0.5		2.0	0
69/09/08			22.0	8.5	97	8.3	79	0.5		1.0	0
69/09/15			20.2	8.8	96	8.3	79	0.5		1.0	0
69/09/22			20.0	8.8	96	8.3	79	0.5		1.0	0
69/09/29			17.0	8.8	91	8.3	79	0.2		2.0	0
69/01/01											
YEAR	NUMBER		39.0	38.0	38	39.0	39	35.0	17	39.0	39
	MAXIMUM		22.2	14.8	150	8.3	82	3.8	135	7.0	3
	MINIMUM		0.1	8.5	84	8.1	76	0.1	75	0.0	0
	MEAN		9.9	11.7	101	8.2	78	1.6	107	1.3	0

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
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250064 25083511 064-
42 59 19.0 082 25 29.0
ST CLAIR RIVER AT PORT HURON
26 MICHIGAN
WESTERN GREAT LAKES
ST CLAIR-DETROIT RIVERS
1110NET 2111204
4 0000 FEET DEPTH

WPSS
STATION 64

DATE FROM TO	TIME OF DAY	DEPTH FEET	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00625 TOT KJEL N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	00900 TOT HARD CACO3 MG/L	31503 COLIFORM DLY ENDO MF/100ML LOG
69/01/06			23	7							95	1K
69/01/13			23	6			0.68	0.3	0.070	0.004	95	1K
69/01/20			24	7							95	1K
69/01/27			17	7							95	26
69/02/03			20	7							95	4
69/02/10			16	8			0.22	0.2	0.008	0.008	95	1K
69/02/17			25	7							96	1K
69/02/24			15	8							95	2
69/03/03			20	8							96	1K
69/03/10			17	7			0.31	0.2	0.008	0.003K	97	1
69/03/17			17	8							97	200
69/03/24			20	7							94	1K
69/03/31			17	7							95	
69/04/07			24	8			0.54	0.2	0.010	0.005	94	88
69/04/14			24	7							94	1
69/04/21			15	8							96	52
69/04/28			17	8							94	2
69/05/05			14	8			0.32	0.2	0.070	0.040	94	3
69/05/12			19	8							94	28
69/05/19			16	7							94	40
69/05/26			17	7							95	8
69/06/02			15	6							96	9
69/06/09			23	6							94	31
69/06/16			16	7				0.1			94	44
69/06/23			15	6							96	15
69/06/30			14	6							96	14
69/07/07			16	1			0.36	0.2	0.020	0.020	95	1K
69/07/14			14	7							96	16
69/07/22			18	7							97	7
69/07/28			15	6							97	3K
69/08/04			15	6	0.28	0.12		0.2	0.010	0.020	97	12
69/08/11			14	7							96	
69/08/18			17	6							97	16
69/08/20												
69/08/25			18	6							99	4
69/08/27												
69/09/02			17	6							98	
69/09/08			16	6	0.19	0.05K		0.2	0.030	0.030	99	12
69/09/15			13	6							99	
69/09/22			16	6							101	14
69/09/29			19	6							100	52

STORE RETRIEVAL DATE 10/02/77

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

250064 25083511 064-
42 59 19.0 082 25 29.0
S1 CLAIR RIVER AT PORT HURON
26 MICHIGAN
WESTERN GREAT LAKES
ST CLAIR-DETROIT RIVERS
1110NET 2111204
4 0000 FEET DEPTH

WPSS
STATION 64

DATE FROM TO	TIME OF DAY	DEPTH FEET	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00625 TQT KJEL N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	00900 TOT HARD CACO3 MG/L	31503 COLIFORM DLY ENDO MF/100ML LOG
69/10/06												4
69/01/01												
YEAR	NUMBER		39	39	2.00	2.00	6.00	9.0	8.000	8.000	39	36
	MAXIMUM		25	8	0.28	0.12	0.68	0.3	0.070	0.040	101	200
	MINIMUM		13	1	0.19	0.05	0.22	0.1	0.008	0.003	94	1
	MEAN		18	7	0.24	0.09	0.41	0.2	0.028	0.016	96	6
70/01/00												

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
GREAT LAKES REGION
LAKE HURON BASIN OFFICE
REPORT OF DATA COLLECTED IN 1969
LH80 33-A

250015 25083501 015-
42 20 50.0 C82 57 31.0
DETROIT RIVER AT DETROIT
26 MICHIGAN
WESTERN GREAT LAKES
ST CLAIR-DETROIT RIVERS
1110NET 2111204
4 0000 FEET DEPTH

WPSS
STATION 15

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CAC03 MG/L	00310 BOD 5 DAY MG/L	00335 COD LOWLEVEL MG/L
69/01/06			3.5	14.7	112	7.9	82	0.3	11.0
69/01/13			3.9	13.8	105	7.9	81	0.3	11.0
69/01/20			4.0	13.5	103	8.1	80	0.3	10.0
69/01/27			3.5	13.9	106	7.9	78	2.8	9.0
69/02/03			4.0	13.7	105	8.0	77	0.3	10.0
69/02/10			4.0	14.1	108	8.1	78	0.6	11.0
69/02/17			4.5	13.8	108	8.2	79	0.2	7.0
69/02/24			4.0	14.2	108	8.2	81	1.8	12.0
69/03/03			4.0	13.7	105	8.2	80	0.1	11.0
69/03/10			4.0	13.9	106	8.0	79	0.2	12.0
69/03/17			4.0	13.5	103	8.2	79	0.2	8.0
69/03/24			6.0	13.2	106	8.1	79	0.2	17.0
69/03/31			4.0	13.4	102	8.2	79	0.3	9.0
69/04/07			3.9	13.2	101	7.8	78	0.2	14.0
69/04/14			4.1	12.4	95	8.2	80	0.1	9.0
69/04/21			10.0	11.8	104	8.1	78	2.3	11.0
69/04/28			11.0	12.6	114	8.2	79	0.2	9.0
69/05/05			12.2	11.1	103	8.4	79	0.3	10.0
69/05/12			12.5	10.5	99	8.2	78	0.7	11.0
69/05/19			13.0	11.0	104	8.2	81	1.1	14.0
69/05/26			13.0	11.0	104	8.2	79	0.4	10.0
69/06/02			16.9	9.3	96	8.3	80	0.2	10.0
69/06/09			16.0	9.5	95	8.4	82	0.5	9.0
69/06/16			16.5	9.5	98	8.3	81	0.7	13.0
69/06/23			17.0	9.1	94	8.2	79	0.1	14.0
69/06/30			20.0	8.5	92	8.2	79	0.6	10.0
69/07/07			20.0	8.0	87	8.2	80	0.3	10.0
69/07/14			22.0	9.4	107	8.4	79	0.4	10.0
69/07/28			24.5	7.7	92	8.3	76	0.4	8.0
69/08/04			23.0	8.0	92	8.3	80	0.1	7.0
69/08/11			23.0	7.8	90	8.3	79	0.3	10.0
69/08/18			24.0	7.8	92	8.4	79	0.2	13.0
69/08/25			24.0	8.5	100	8.4	80	0.1	10.0
69/09/01			22.0	7.5	85	8.3	81	0.0	11.0
69/09/08			23.8	7.8	92	8.3	79	0.2	10.0
69/09/15			21.5	8.3	94	8.3	81	0.2	10.0
69/09/22			20.0	8.8	96	8.3	81	0.1	6.0
69/09/29			18.0	9.0	95	8.2	79	0.5	7.0
69/01/01									
YEAR	NUMBER		38.0	38.0	38	38.0	38	38.0	38.0
	MAXIMUM		24.5	14.7	114	8.4	82	2.8	17.0
	MINIMUM		3.5	7.5	85	7.8	76	0.0	6.0
	MEAN		12.8	11.0	100	8.2	79	0.5	10.4

70/01/00

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250015 25083501 015-
42 20 50.0 082 57 31.0
DETROIT RIVER AT DETROIT
26 MICHIGAN
WESTERN GREAT LAKES
ST CLAIR-DETROIT RIVERS
1110NET 2111204
4 0000 FEET DEPTH

WPSS
STATION 15

DATE	TIME	DEPTH	00530	00515	00070	00080	00945	00940
FROM	OF		RESIDUE	RESIDUE	TURB	COLOR	SULFATE	CHLORIDE
TO	DAY	FEET	TOT NFLI	DISS-105	JKSJN	PT-CO	SO4	CL
			MG/L	C MG/L	JU	UNITS	MG/L	MG/L
69/01/06				137	6.0	0	15	8
69/01/13				129	3.0	0	16	8
69/01/20				125	2.0	0	15	9
69/01/27				131	15.0	0	16	9
69/02/03				122	3.0	0	15	8
69/02/10				122	3.0	0	15	8
69/02/17				124	2.0	0	16	7
69/02/24				114	2.0	0	17	8
69/03/03				129	2.0	0	15	7
69/03/10				129	3.0	0	15	7
69/03/17				117	2.0	0	14	7
69/03/24				121	10.0	0	14	11
69/03/31				121	10.0	0	16	8
69/04/07				124	7.0	0	15	7
69/04/14				132	6.0	0	17	10
69/04/21				128	25.0	0	16	9
69/04/28				111	20.0	0	15	8
69/05/05				122	10.0	0	15	8
69/05/12				106	10.0	0	15	7
69/05/19				143	10.0	0	17	9
69/05/26				141	10.0	0	17	8
69/06/02				113	8.0	0	16	8
69/06/09			10	116	10.0	0	17	9
69/06/16			9	120	10.0	0	16	8
69/06/23			8	124	15.0	0	15	10
69/06/30			12	106	15.0	0	14	8
69/07/07			14	132	20.0	0	16	9
69/07/14			15	140	10.0	0	13	10
69/07/28			6	116	10.0	0	15	8
69/08/04			7	126	9.0	0	15	10
69/08/11			10	132	10.0	0	16	9
69/08/18			10	116	10.0	0	15	8
69/08/25			4	112	10.0	0	15	8
69/09/01			6	135	8.0	0	15	10
69/09/08			8	127	7.0	0	16	8
69/09/15			6	131	10.0	0	16	8
69/09/22			6	129	10.0	0	15	8
69/09/29			8	148	10.0	0	16	9
69/01/01								
YEAR	NUMBER		16	38	38.0	38	38	38
	MAXIMUM		15	148	25.0	0	17	11
	MINIMUM		4	106	2.0	0	13	7
	MEAN		9	125	9.0	0	15	8

70/01/00

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250015 25083501 015-
42 20 50.0 C82 57 31.0
DETROIT RIVER AT DETROIT
26 MICHIGAN
WESTERN GREAT LAKES
ST CLAIR-DETROIT RIVERS
1110NET 2111204
4 0000 FEET DEPTH

WPSS
STATION 13

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORG N N MG/L	00610 AMMONIA NH3-N MG/L	00625 TOT KJEL N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	00900 TOT HARD CACO3 MG/L	31503 COLIFORM DLY ENDO MF/100ML LOG
69/01/06				0.00					102	6
69/01/13				0.00	0.46	0.2	0.006	0.004	99	1K
69/01/20				0.00					98	2
69/01/27				0.00					97	25
69/02/03				0.00					96	1K
69/02/10				0.00	0.31	0.2	0.010	0.009	95	1K
69/02/17				0.00					98	1K
69/02/24				0.00					101	1K
69/03/03				0.00					97	1K
69/03/10				0.00	0.33	0.2	0.010	0.004	96	1K
69/03/17				0.00					95	1K
69/03/24				0.00					97	1
69/03/31				0.00					97	1
69/04/07				0.00	0.37	0.1	0.020	0.006	96	1K
69/04/14				0.00					96	1K
69/04/21				0.00					95	1
69/04/28				0.00					96	1K
69/05/05				0.00	0.30	0.2	0.004	0.004	96	1K
69/05/12				0.00					93	4
69/05/19				0.10					96	3
69/05/26				0.00					97	1K
69/06/02				0.00					95	9
69/06/09									99	1
69/06/16									101	
69/06/23									97	24
69/06/30									95	6
69/07/07					0.60	0.1	0.050	0.040	98	60
69/07/14									98	38
69/07/28									96	7
69/08/04			0.34	0.06		0.3	0.030	0.050	98	44
69/08/11									95	2
69/08/18									95	2
69/08/25									95	18
69/09/01									93	20
69/09/08			0.25	0.05K		0.2	0.020	0.020	95	37
69/09/15									98	
69/09/22									94	9
69/09/29									98	13
69/10/06										17
69/01/01										
YEAR	NUMBER		2.00	24.00	6.00	8.0	8.000	8.000	38	37
	MAXIMUM		0.34	0.10	0.60	0.3	0.050	0.050	102	60
	MINIMUM		0.25	0.00	0.30	0.1	0.004	0.004	93	1
	MEAN		0.30	0.01	0.40	0.2	0.019	0.017	97	4

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GIBRALTAR
26 MICHIGAN

WPSS
STATION 143

WESTERN GREAT LAKES
1110NET

2111204

DATE FROM TO	TIME OF DAY	DEPTH FEET	00010 WATER TEMP CENT	00300 DO MG/L	00301 DO SATUR PERCENT	00400 PH S U	00410 T ALK CACO3 MG/L	00310 BOD 5 DAY MG/L	00335 COD LOWLEVEL MG/L
69/01/02	1045		2.0	12.4	90	7.9	88	4.0	15.0
69/01/06	0830		1.5						
69/01/15	1100		2.5	12.5	93	8.0	86	6.0	13.0
69/01/22	0830		4.0						
69/01/29	0830		3.0	12.4	92	8.3	83	4.0	18.0
69/02/05	0830		3.0						
69/02/12	0830		4.0	11.9	91	7.4	110	6.0	52.0
69/02/19	0830		3.0						
69/02/26	0830		3.5	12.2	93	7.6	78	8.0	59.0
69/03/05	0830		3.5						
69/03/12	0830		3.0	11.9	88	7.4	64	6.0	22.0
69/03/19	0830		5.5						
69/03/26	0830		7.0	9.1	75	7.7	66	12.0	25.0
69/04/09	0830		9.0	10.2	88	7.8	68	6.0	12.0
69/04/16	1057		10.5						
69/04/23	0945		8.0	7.8	66	7.5	84	4.0	6.0
69/04/30	0715		11.5						
69/05/07	0730		14.0	8.2	79	7.9	80	4.0	18.0
69/05/14	0725		12.0						
69/05/21	0830		13.5	6.5	63	7.7	100	24.0	69.0
69/05/28	0815		15.0						
69/06/04	0810		16.0	5.1	51	7.9	82	2.0	11.0
69/06/11	0815		16.0						
69/06/18	1300		17.0	7.4	76	7.6	79	10.0	
69/06/25	0850		17.5						
69/07/02	0840		20.0	3.4	37	7.8	80	7.0	13.0
69/07/16	1130		24.0	3.2	38	7.6	84	6.0	20.0
69/07/30	0820		23.5	4.0	47	7.7	84	4.0	15.0
69/08/04								6.0	
69/08/13				5.4		8.1	82	7.0	23.0
69/08/27	0800		23.5	5.4	64	8.5	82	10.0	28.0
69/09/03	1050		24.0						
69/09/10				6.0		7.8	76	6.0	30.0
69/10/01	0800		18.0						
69/10/08	0815		18.0	6.6	69	7.3	82	10.0	32.0
69/10/20	0835		14.0	7.7	74	7.8	74		
69/10/27	1550		12.0						
69/11/03				9.2		8.0	82		30.0
69/11/17				7.6		7.6	73		10.0
69/01/01									
YEAR	NUMBER		34.0	23.0	19	23.0	23	21.0	21.0
	MAXIMUM		24.0	12.5	93	8.5	110	24.0	69.0
	MINIMUM		1.5	3.2	37	7.3	64	2.0	6.0
	MEAN		11.3	8.1	72	7.8	81	7.2	24.8

70/01/00

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
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GIBRALTAR
 26 MICHIGAN

WPSS
 STATION 143

WESTERN GREAT LAKES
 1110NET 2111204

DATE FROM TO	TIME OF DAY	DEPTH FEET	00095 CONDUCTVY AT 25C MICROMHO	00530 RESIDUE TOT NFLT MG/L	00515 RESIDUE DISS-105 C MG/L	00070 TURB JKSN JU	00945 SULFATE SO4 MG/L	00940 CHLORIDE CL MG/L
69/01/02	1045		380	35	220	10.0	25	40
69/01/15	1100		280	31	160	3.0	24	29
69/01/29	0830		380	27	160	10.0	20	63
69/02/12	0830		370	200	220	45.0	27	41
69/02/26	0830		300			4.0		33
69/03/12	0830		340	16	190	10.0	22	33
69/03/26	0830		360	37	240	20.0	28	42
69/04/09	0830		340	12	210	15.0	25	36
69/04/23	0945		340	18	270	20.0	22	41
69/05/07	0730		340	8	260	10.0	22	36
69/05/21	0830		350	99	230	45.0	23	32
69/06/04	0810		300	12	200	7.0	19	35
69/06/18	1300		320	38	190	20.0	18	31
69/07/02	0840		300	38	180	25.0	19	32
69/07/16	1130		300	1K	210	15.0	17	34
69/07/30	0820		300	20	200	5.0	19	33
69/08/04							9	
69/08/13			300	43	210	2.0	18	29
69/08/27	0800					1.0		30
69/09/03	1050		320	66	180		20	
69/09/10			300	79	170	9.0	9	26
69/10/08	0815		320	120	180	40.0	25	32
69/10/20	0835		320	30	250	15.0	22	38
69/11/03			320	99	180	55.0	27	31
69/11/17			310	5	170	5.0	27	28
69/01/01								
YEAR	NUMBER		23	22	22	23.0	23	23
	MAXIMUM		380	200	270	55.0	28	63
	MINIMUM		280	1	160	1.0	9	26
	MEAN		326	47	204	17.0	21	35
70/01/00								

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
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GIDRALTA
 26 MICHIGAN

WPSS
 STATION 143

WESTERN GREAT LAKES
 1110NET

2111204

DATE FROM TO	TIME OF DAY	DEPTH FEET	00605 ORC N N MG/L	00610 AMMONIA NH3-N MG/L	00625 TOT KJEL N MG/L	00620 NITRATE NO3-N MG/L	00665 PHOS-T P-WET MG/L	00666 PHOS-D P-WET MG/L	00900 TOT HARD CACO3 MG/L	31501 COLIFORM IMEDENDO MF/100ML LOG
69/01/02	1045								120	1300
69/01/15	1100				0.39	0.2	0.540	0.040	110	460
69/01/29	0830								110	13000
69/02/12	0830				2.10	0.5	0.870	0.840	100	
69/02/26	0830								110	21000
69/03/12	0830				1.10	0.3	0.230	0.140	110	3900
69/03/26	0830								120	49000
69/04/09	0830				1.20	0.3	0.260	0.120	120	7900
69/04/23	0945						0.370	0.160	120	18000
69/05/07	0730				1.10	0.3	0.310	0.290	120	16000
69/05/21	0830								130	1100007
69/05/28	0815									19000
69/06/04	0810								120	5500
69/06/11	0815									290000
69/06/18	1300					0.2			110	39000
69/06/25	0850									170000
69/07/02	0840								110	76000
69/07/09					1.20	0.4	0.420	0.310		
69/07/16	1130						0.700	0.500	110	67000
69/07/30	0820								110	39000
69/08/04			0.92	0.55		0.2	0.270	0.200	39	
69/08/13									110	19000
69/08/27	0800								100	
69/09/10			0.60	0.43		0.2	0.360	0.190	120	650
69/10/08	0815								110	87000
69/10/20	0835								110	840
69/11/03									100	38000
69/11/17									100	900
69/01/01										
YEAR	NUMBER		2.00	2.00	6.00	9.0	10.000	10.000	24	24
	MAXIMUM		0.92	0.55	2.10	0.5	0.870	0.840	130	1100007
	MINIMUM		0.60	0.43	0.39	0.2	0.230	0.040	39	460
	MEAN		0.76	0.49	1.18	0.3	0.433	0.279	109	16130

70/01/00

LABORATORY METHODS

The analytical methods used by the laboratory for physical, chemical, and biological analyses were the procedures published in "Standard Methods for the Examination of Water and Wastewater," 12th Edition, 1965. Also, procedures were followed from the FWPCA Methods for Chemical Analysis of Water and Wastes, September 1969. Additional analytical procedures and modifications developed by the Great Lakes Region Committee on Analytical Methods, FWPCA, were employed as required in the analysis of bottom sediment material. Modifications have been made on some of the methods to improve the sensitivity or to expedite a systematic analytical scheme. Before adopting any modification, a thorough study was made to evaluate the effect of the change.

To assure continually reliable data, reference standards of known composition and blanks were analyzed simultaneously with all tests.

A summation of the analyses performed is shown on the following page. Specific techniques or modifications to "Standard Methods" procedure are shown where applicable.

Lake Huron Basin Office
Summary of Laboratory Procedures

<u>Analysis</u>	<u>Unit</u>	<u>Technique or Modification</u>
Temperature	°C	No modification
Conductivity	umhos/cm	Specific conductance cell
pH	SU	Glass electrode method
Dissolved oxygen	mg/l	Method A - Alsterberg (Azide), modification of the Winkler method
Initial dissolved oxygen demand	mg/l	No modification
Biochemical oxygen demand	mg/l	Dissolved oxygen analyzer
Chemical oxygen demand	mg/l	No modification
Chloride	mg/l	Mercuric nitrate
Sulfate	mg/l	Barium sulfate, autoanalyzer
Acidity	mg/l	No modification
Alkalinity	mg/l	Potentionmetric pH 4.5 and pH 8.3
Nitrate-Nitrogen	mg/l	Brucine sulfate method
Nitrite-N	mg/l	No modification
Ammonia-N	mg/l	Minor modification "Standard Methods"
Organic-N	mg/l	" " "
Total Kjeldahl-N	mg/l	" " "
Total phosphorus	mg/l	Potassium antimony tartrate method
Total soluble phosphorus	mg/l	" " "
Phenol	ug/l	Aminoantipyrine
Iron	ug/l	1,10 phenanthroline
Turbidity	JCU	Hach "2100" turbidimeter
Oil and grease	mg/l	Hexane extraction

Lake Huron Basin Office

Summary of Laboratory Procedures(cont.)

<u>Analysis</u>	<u>Unit</u>	<u>Technique or Modification</u>
Total solids	mg/l	Total residue, porcelain dish
Dissolved solids	mg/l	By difference (total solids minus suspended)
Suspended solids	mg/l	Filtrable residue, Gooch crucible
Total volatile solids	mg/l	No modification
Total volatile dissolved solids	mg/l	" "
Volatile suspended solids	mg/l	" "
Settleable solids	mg/l	By weight, Gooch crucible
Non-settleable solids	mg/l	" " "
Volatile settleable solids	mg/l	" " "
Volatile non-settleable solids	mg/l	" " "
Chlorine residual	mg/l	Orthotolidine method
Cyanide	mg/l	Elly modification of Serfass method
Sodium	mg/l	Flame photometry
Potassium	mg/l	" "
Magnesium	mg/l	No modification manually, autoanalyzer
Calcium	mg/l	EDTA titration, murexide indicator
Hardness	mg/l	EDTA titration, calmagite indicator
Total coliform	MF/100 ml	No modification
Fecal coliform	MF/100 ml	" "
Fecal Streptococcus	MF/100 ml	" "
Total plate count	MF/100 ml	" "
Phytoplankton	Org/ml	Sedgwick-Rafter cell clump counts