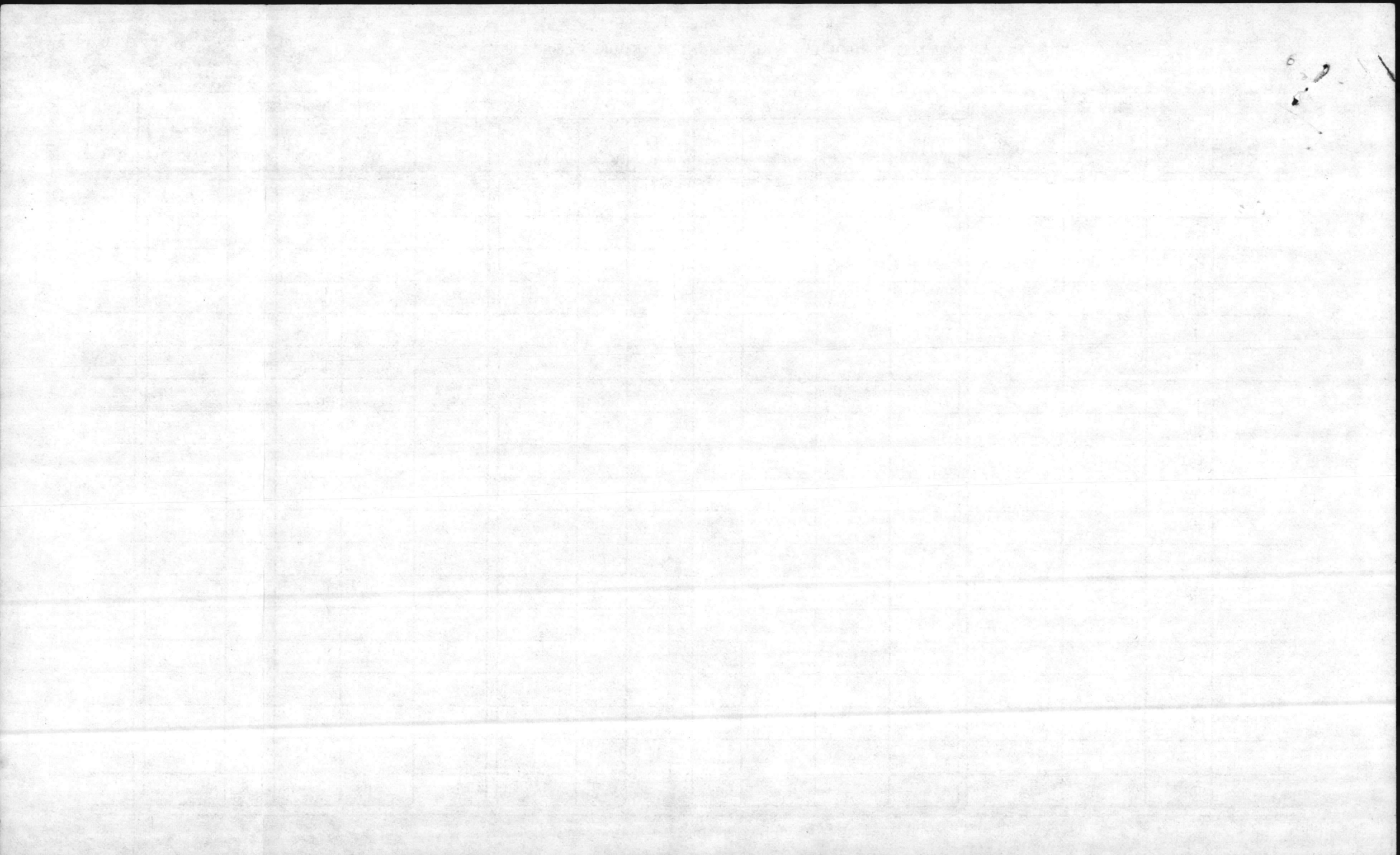


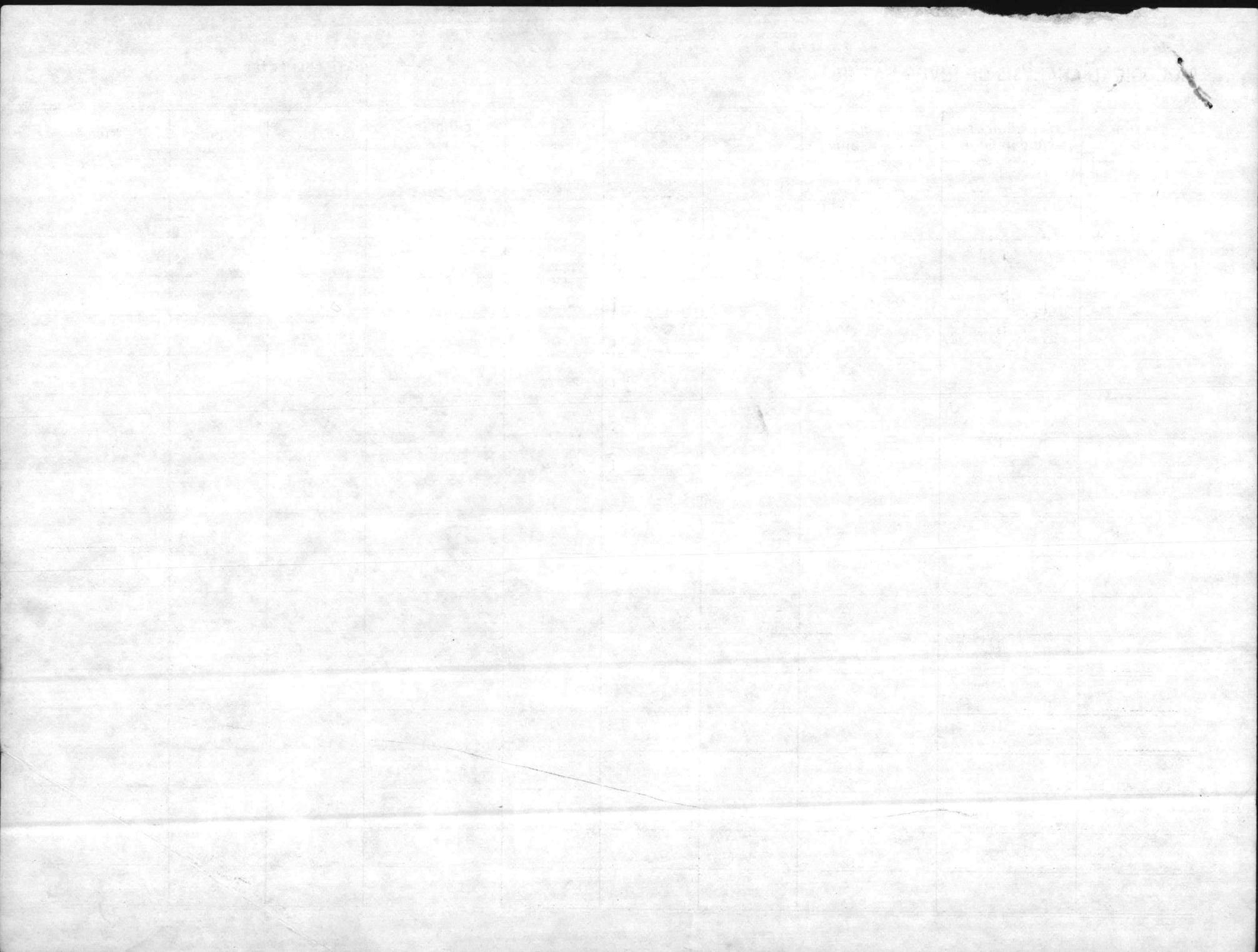
DEPT. OF STATE

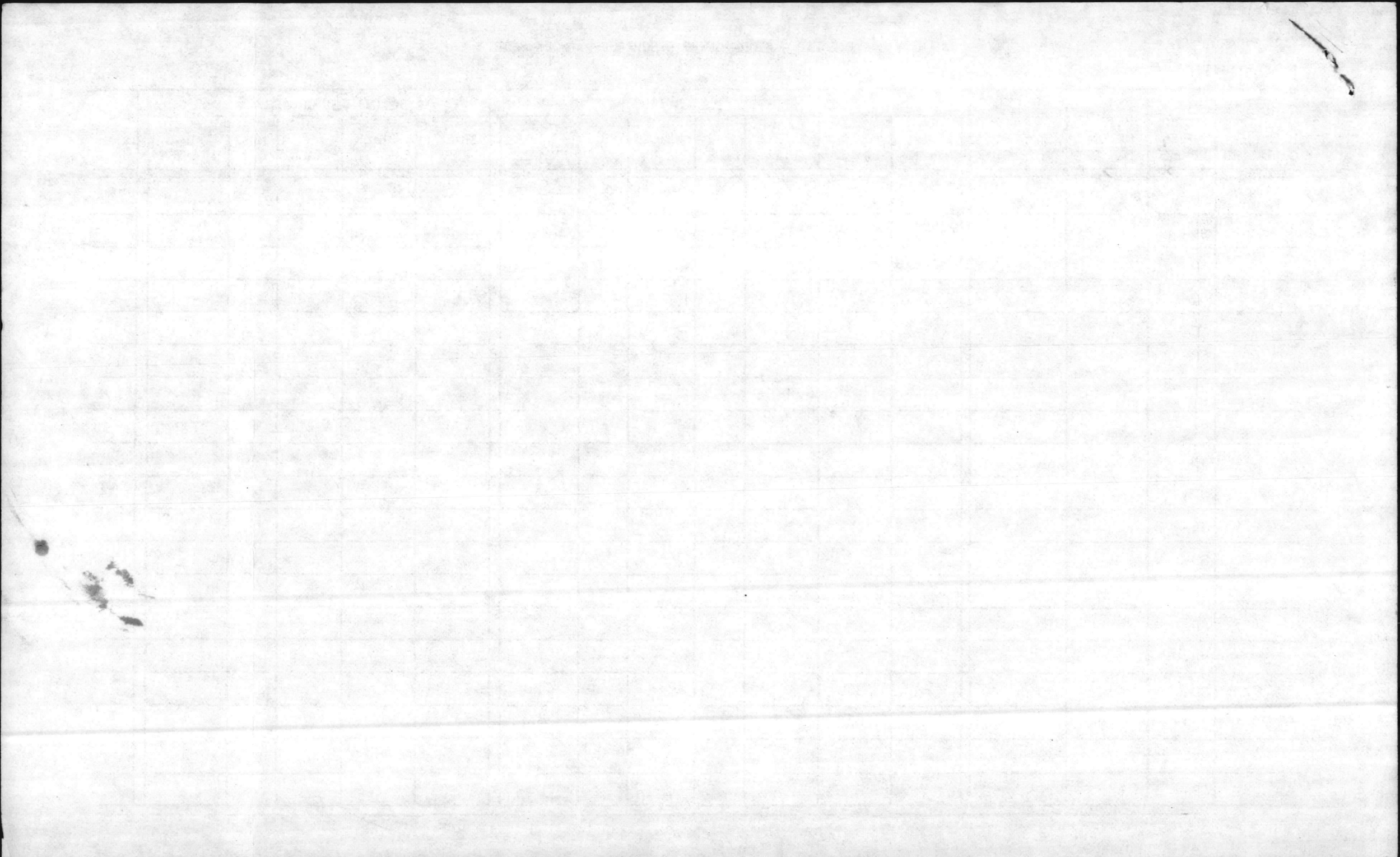
SECRETARY OF STATE

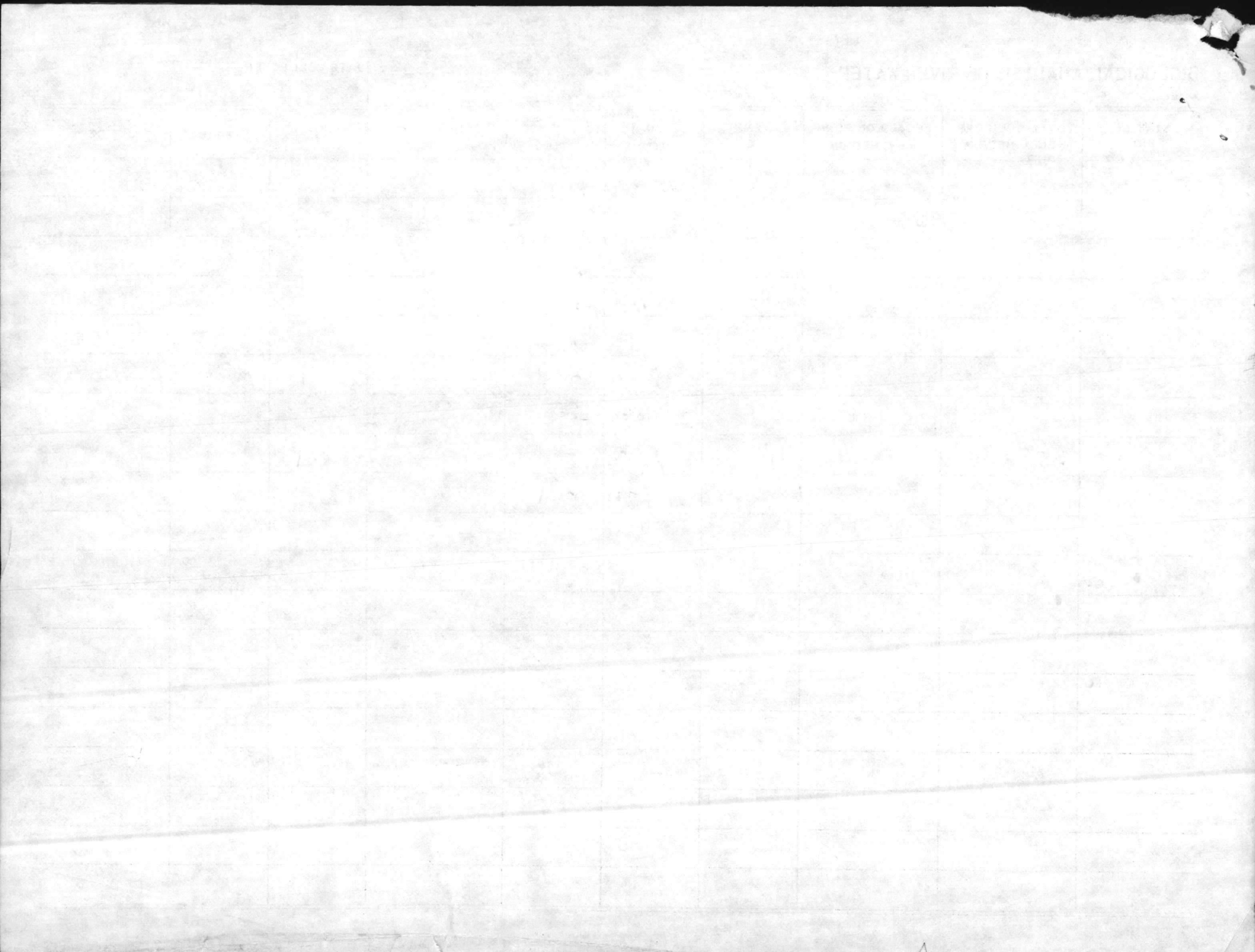
OFFICE OF THE SECRETARY OF STATE

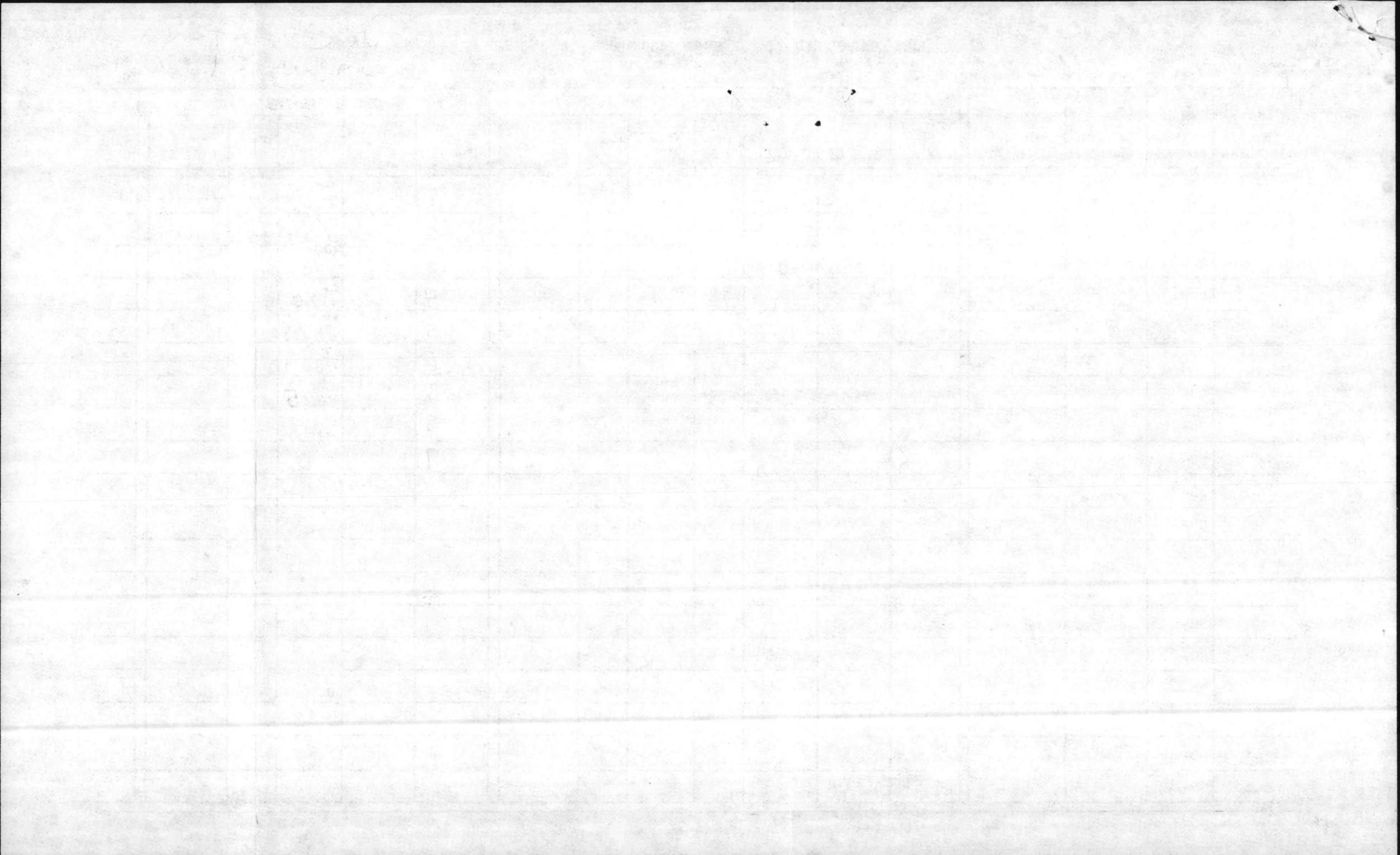
1910











BIOLOGICAL ANALYSIS OF RIVER WATER

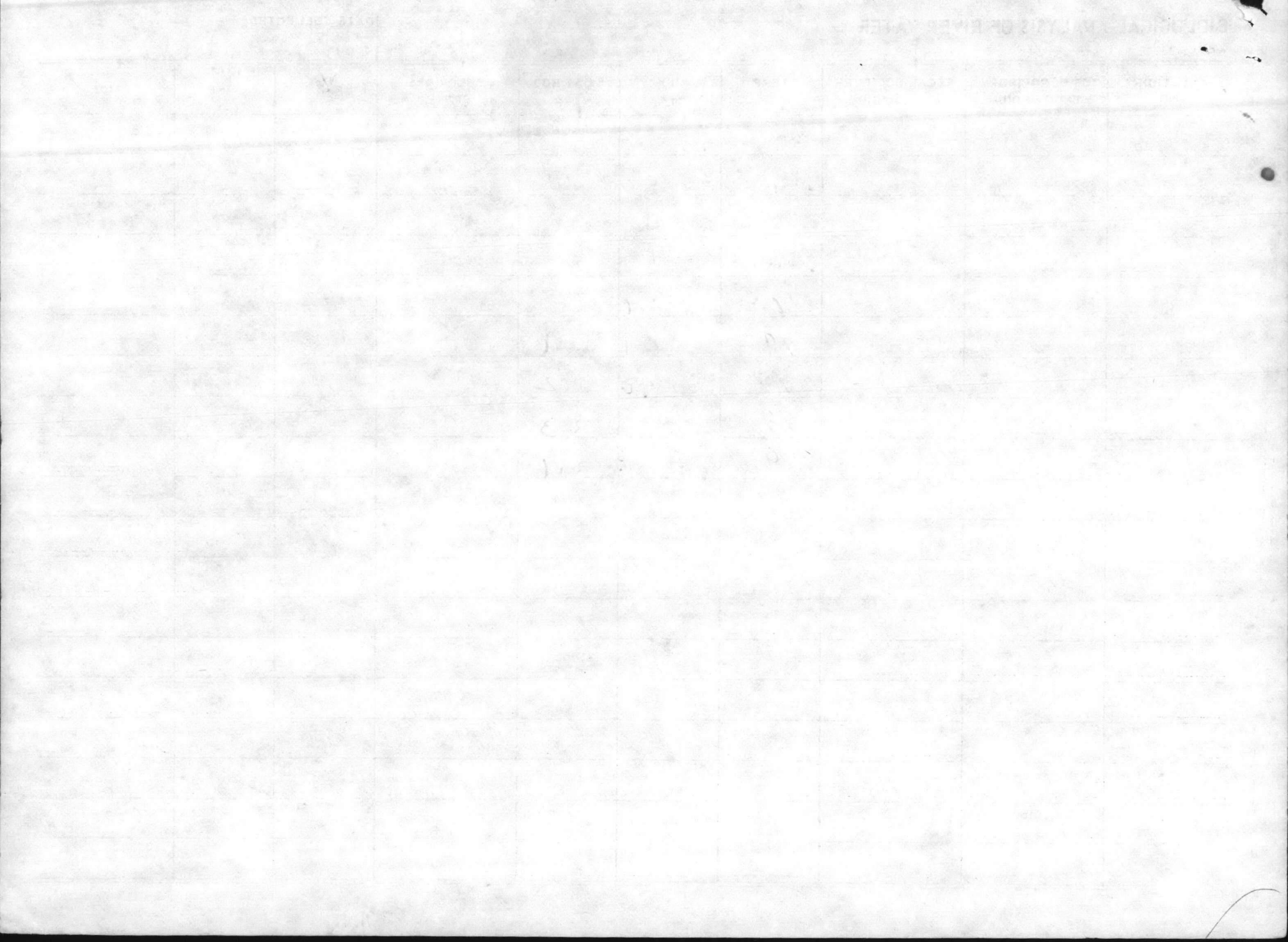
MCCL 11330/6

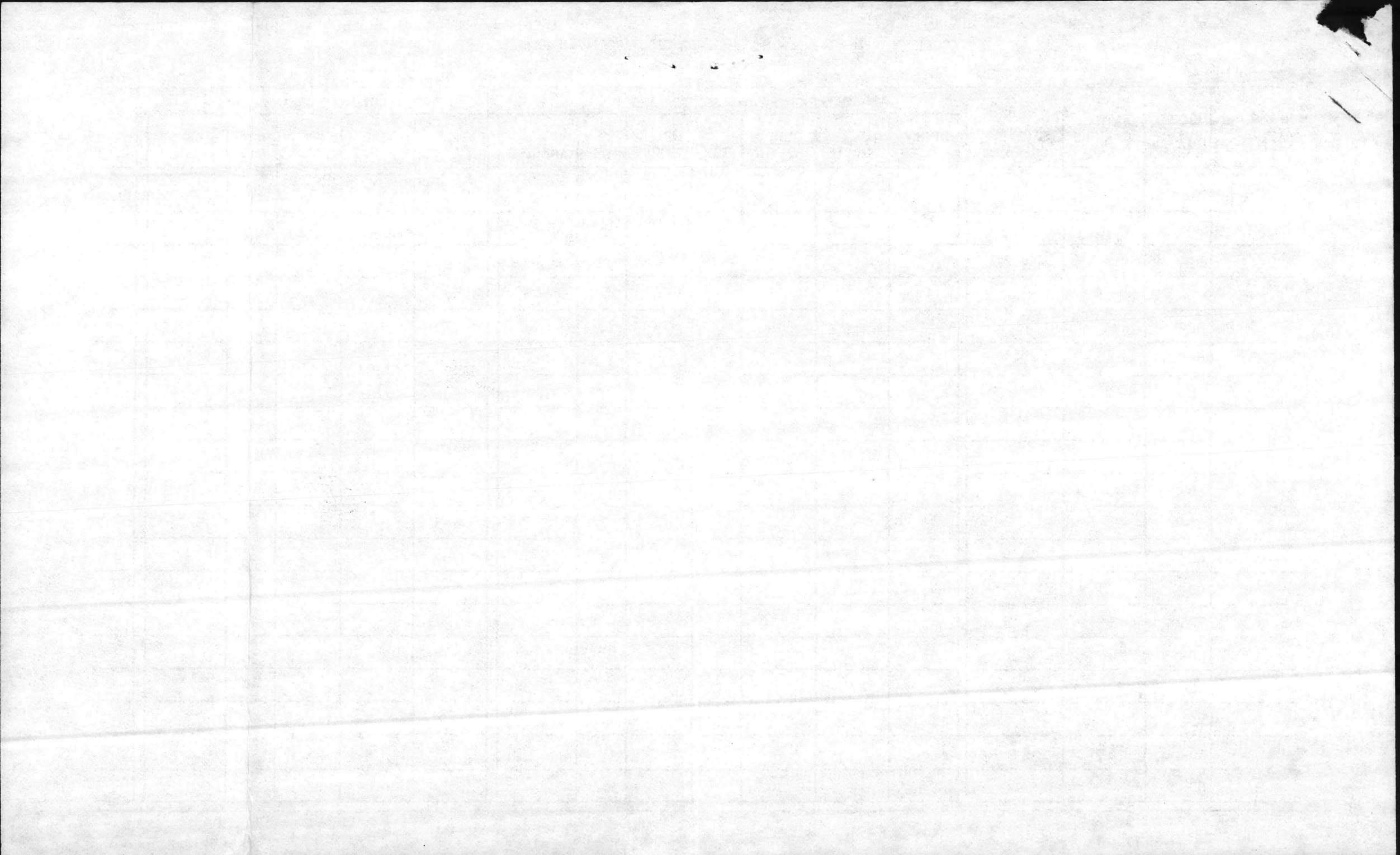
DATE COLLECTED

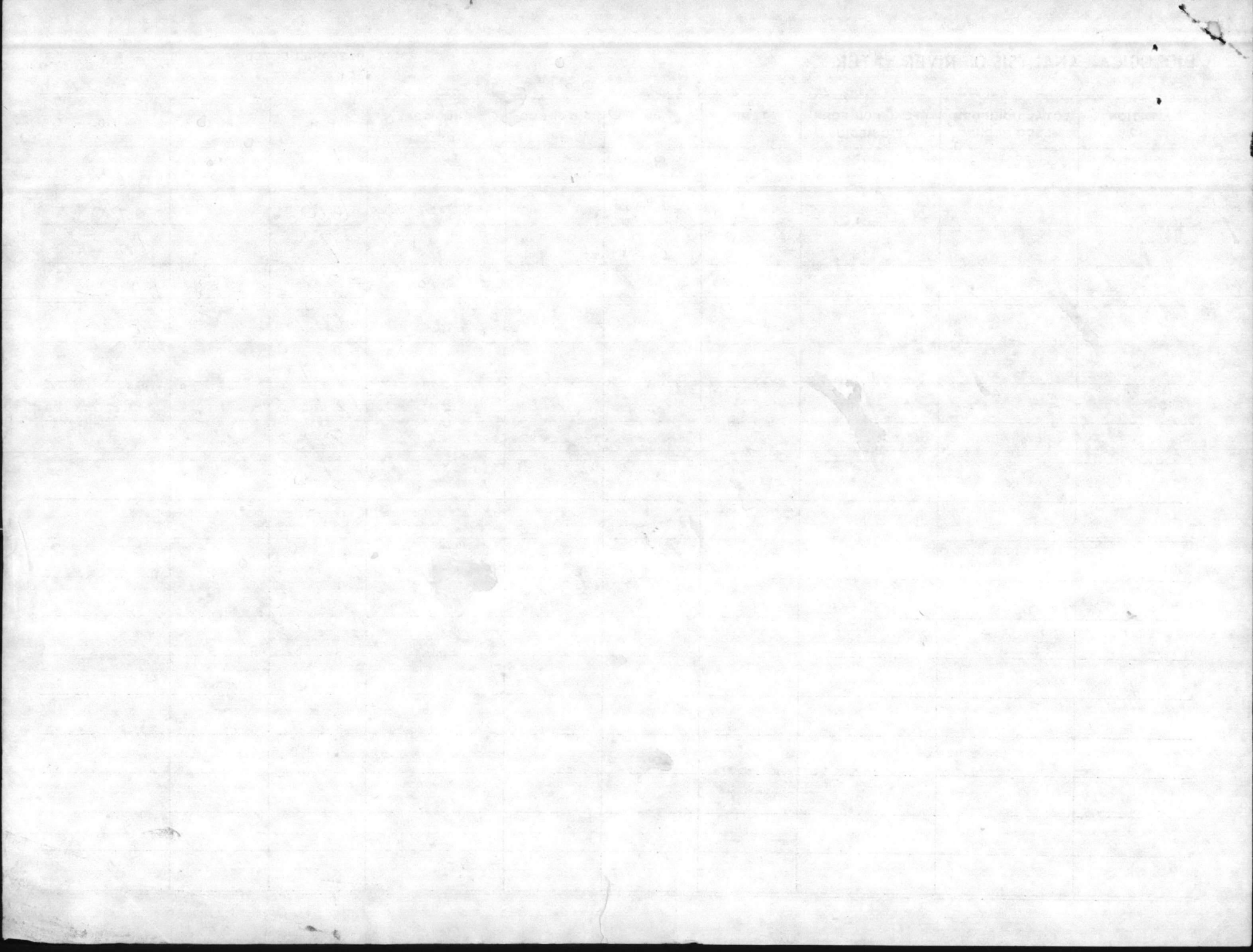
4 MAY 81

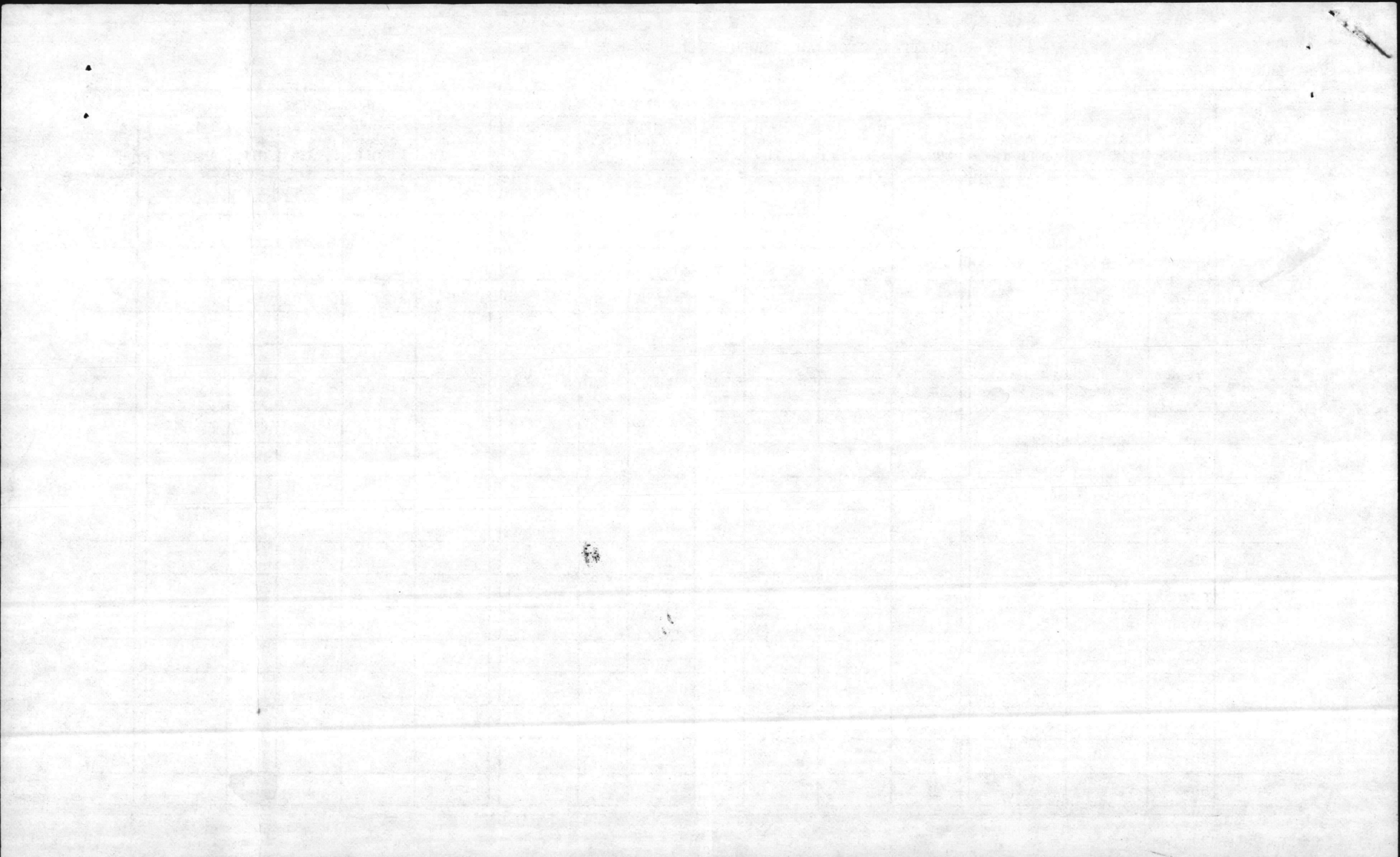
STATION NO.	TOTAL COLIFORM mENDO MEDIUM	FECAL COLIFORM m F C MEDIUM	TEMP C	DO ppm	5 DAY BOD ppm	CHLORIDES ppm	P.H. TEMP	WIND PH	TIDE
Rw-01	(10) 200 (25) overgrown	(10) 20 (25) 36	20	7.7	1.0	6.7	4.5	20°C	7.9
02	(10) 0 (25) overgrown	(10) 0 (25) 4	21	8.7	5.0	3.7	1.2	21°C	8.2
03	(10) 0 (25) 8	(10) 0 (25) 0	21	7.5	4.9	2.6	0.4	21°C	8.1
04	(50) 4	(50) 0	20	7.7	5.7	2.0	0.4	20°C	8.1
05	(50) 0	(50) 0	19.5	7.9	6.7	1.2	0.4	19.5°C	8.1
06	(50) 0	(50) 2	19	7.0	6.9	0.1	0.9	19°C	8.1
07	(50) 0	(50) 0	19	7.2	4.0	3.2	0.0	19°C	8.1
08	(50) 0	(50) 0	19	7.3	5.0	2.3	0.0	19°	8.1
09	(50) 0	(50) 8	19	6.9	4.0	2.9	0.0	19°	8.1

B









BIOLOGICAL ANALYSIS OF RIVER WATER

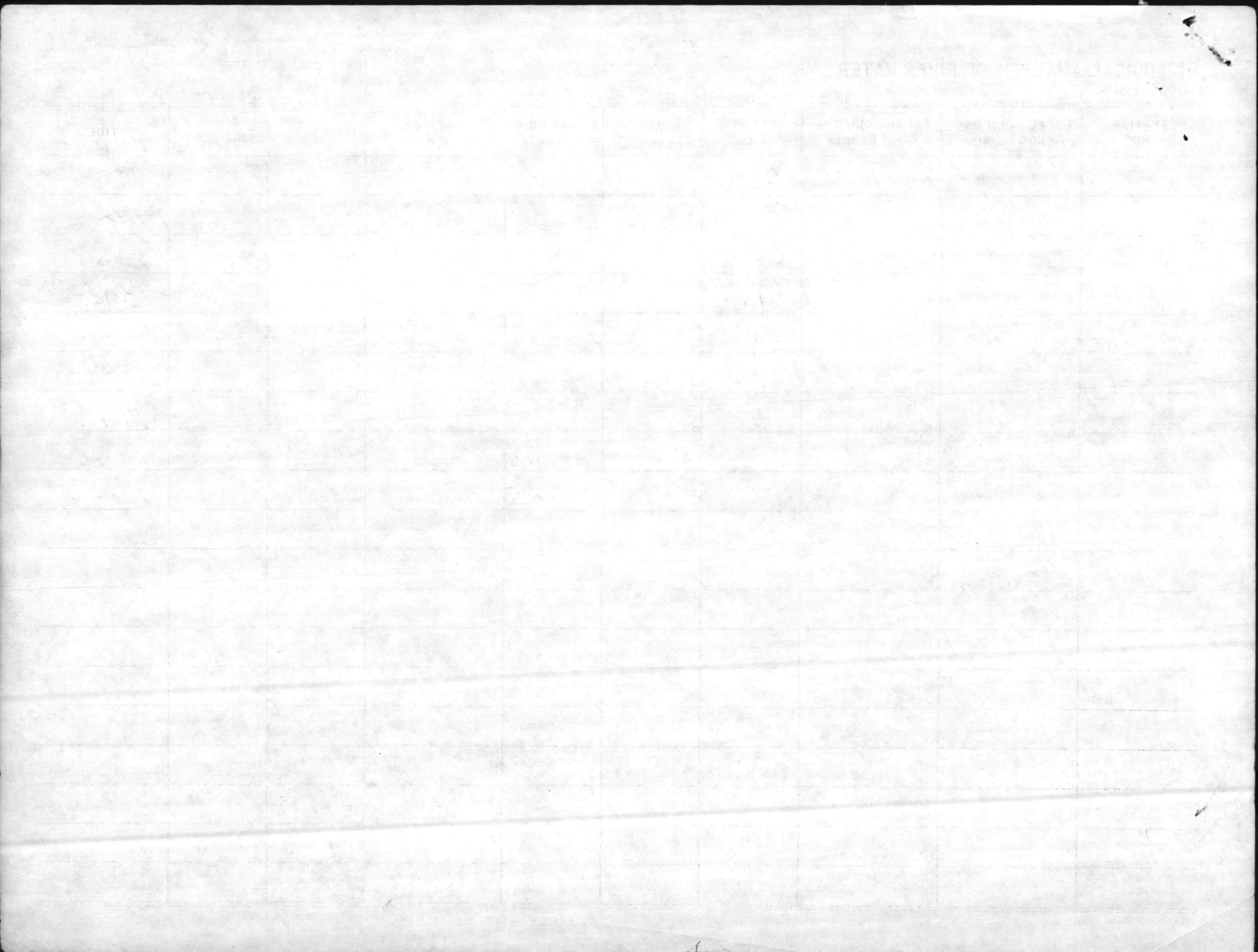
MCBCL 11330/6

JERRY GAINES

DATE COLLECTED

13 JULY 1981

STATION NO.	TOTAL COLIFORM mENDO MEDIUM	FECAL COLIFORM m F C MEDIUM	TEMP C	DO ppm	5 DAY BOD ppm	CHLORIDES ppm	P. H.	WIND	TIDE TIME
RW 01	(1) 140 (5) overgrown (25) overgrown 12,800	(10) 70 (25) (60)	32.0	11.1	5.1 6.0		8.0		12:5
02	(10) overgrown (5) overgrown (10) 110	(10) 80 (25) overgrown	33.0	7.5	3.3 4.2		7.8		12:45
03	(25) 48	(10) 30 25 -	32.0	8.0	3.9 4.1		7.8		12:55
04	(50) 12	(50) 2	31.0	5.2	3.3 1.9		8.0		13:5
05	(50) 2	(50) 0	31	7.5	4.2 3.3		8.0		14:30
06	(50) 0	(50) 0	31.0	7.8	4.8 3.0		8.0		14:00
07	(50) 2	(50) 0	* -	4.5	4.4 0.1		7.9		14:45
08	(50) 18	(50) 0	* -	5.7	5.5 0.3		8.0		14:30
09	(50) 12	50 6	* -	6.7	6.2 0.5		8.0		14:55
* MISSING DATA; SEA WATER TEMP REPORTED AS 80°F = 27°C									



MBCL 11345/7

1175
1065
110

9730
9470
260

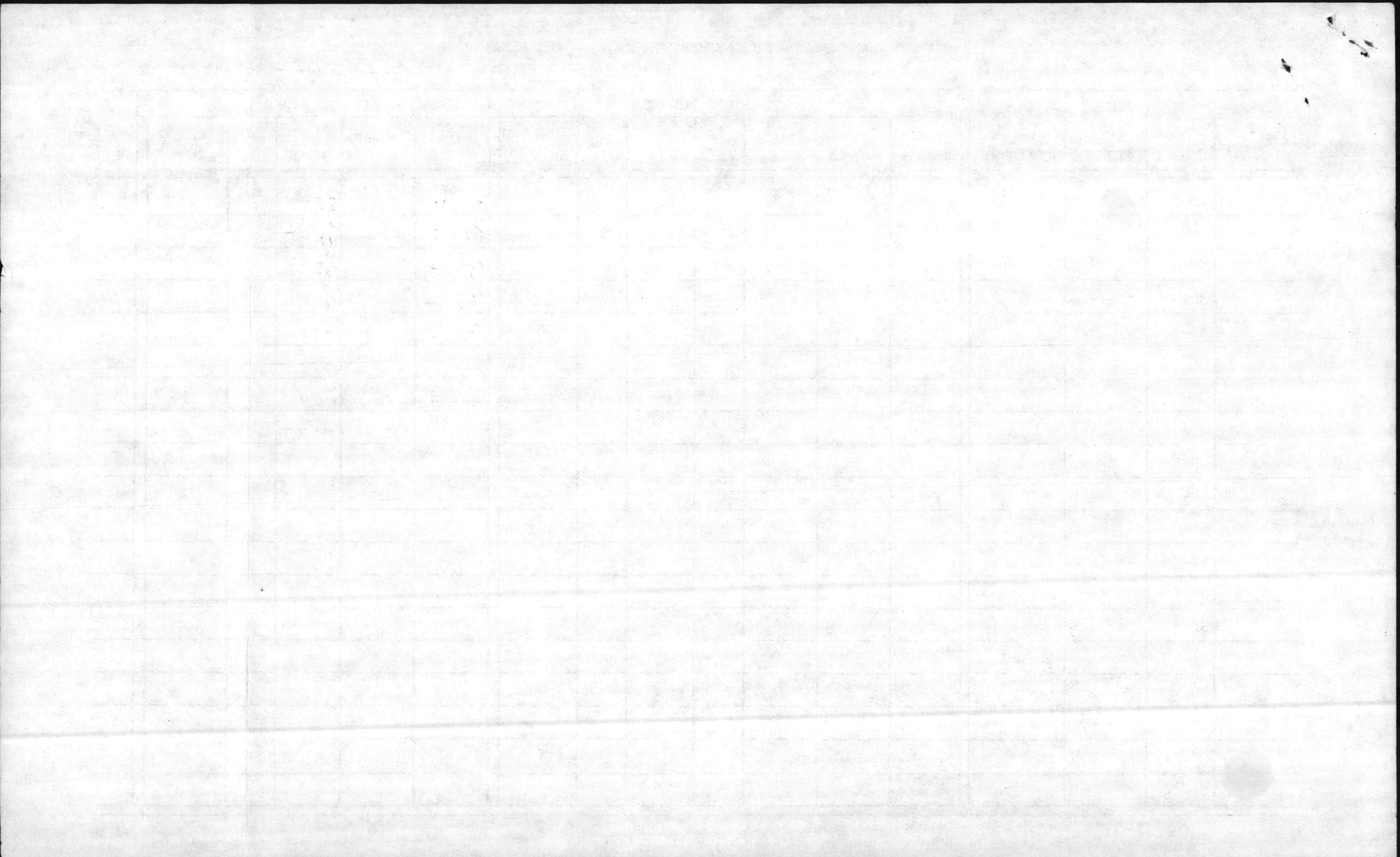
QUALITY CONTROL LAB - STORM SEWER DISCHARGES - WORK SHEET

RIVER WATER
13 JULY 81 (RAN 14 JULY 81)

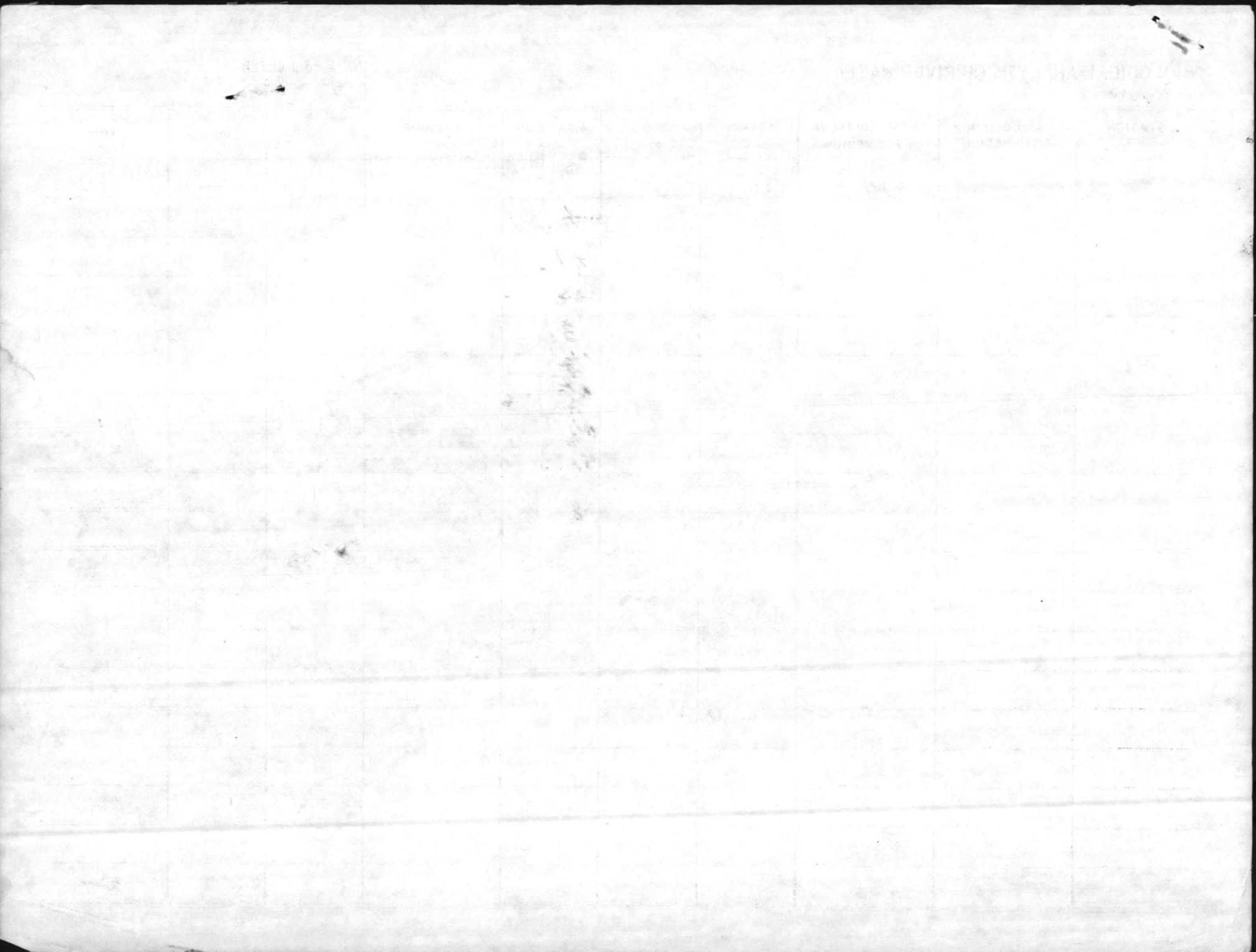
DATE COLLECTED	STORM SEWER NUMBER	FLOW RATE GALLONS PER DAY	SAMPLE COLLECTOR	TOTAL SUSPENDED SOLIDS (TSS)							OIL AND GREASE				pH		
				DISH NUMBER	ml SAMPLE	DISH & SOLID	DISH	WEIGHT GAIN	TSS mg/l	ANALYST	FLASK NUMBER	FLASK & OIL	FLASK	mg/l OIL		ANALYST	
	SD-											06(3)1	8873	8859	1.4		
	SD-											(4) 2	1120	1115	0.5		
	SD-											(5) 3	6584	6571	1.3		
	SD-											(6) 4	1646	1643	0.3		
	SD-											(7) 5	0643	0634	0.9		
	SD-											(8) 6	8882	8875	0.7		
	SD-											(11) 8	4747	4740	0.7		
	SD-											(13) 9	8534	8532	0.2		
	SD-									Wesson	(1) STD	9730	9470	26.0			
	SD-									NOTOR	(10) STD	1175	1065	11.0			
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																

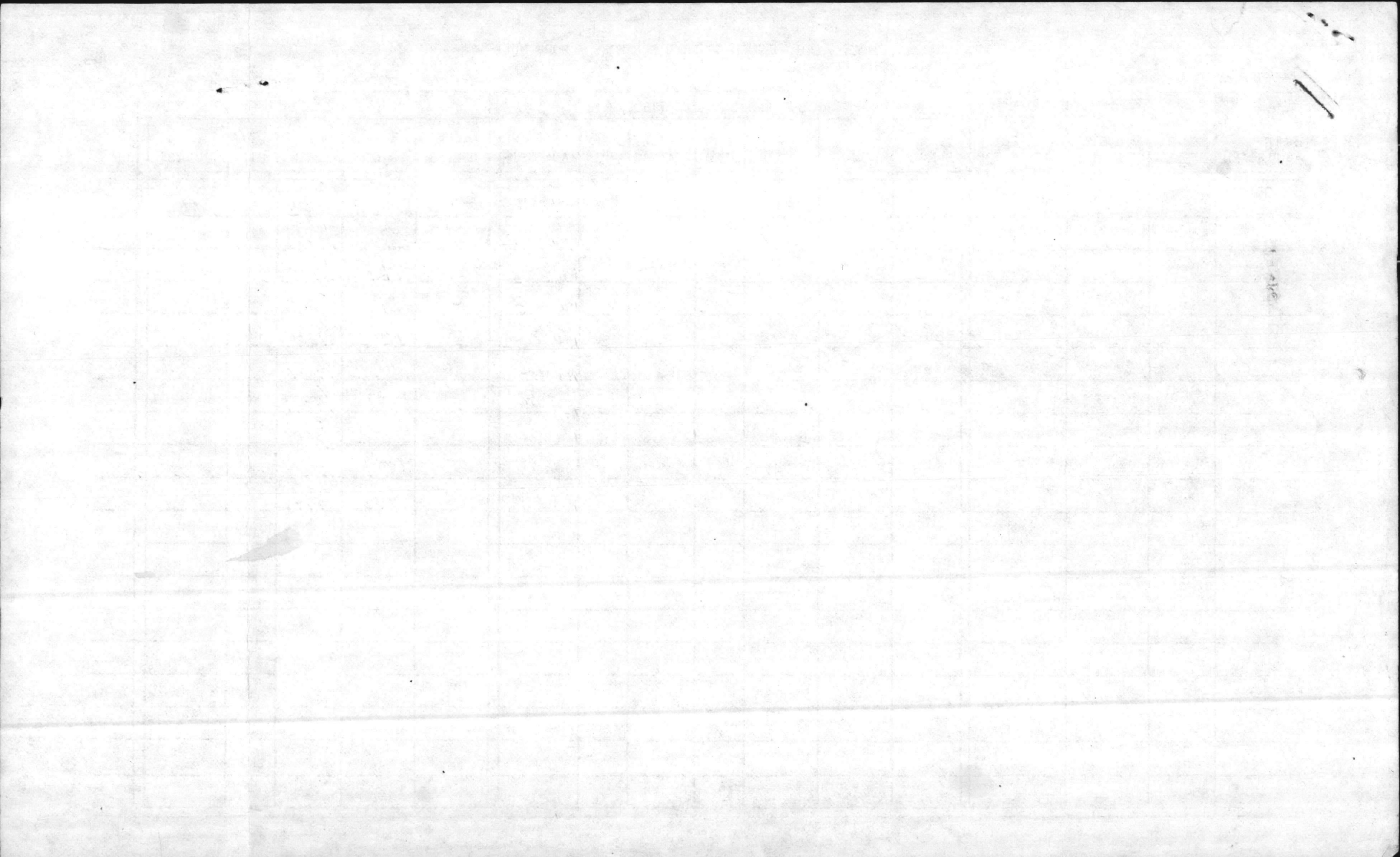
1.76212 Wesson
NOTOR o.i.L
1.9547

1.762
3524



10-1-1914





BIOLOGICAL ANALYSIS OF RIVER WATER

MOBCL 11330/6

DATE COLLECTED

14 Sept 1981

In service 0955
* Salinity

Meter windward

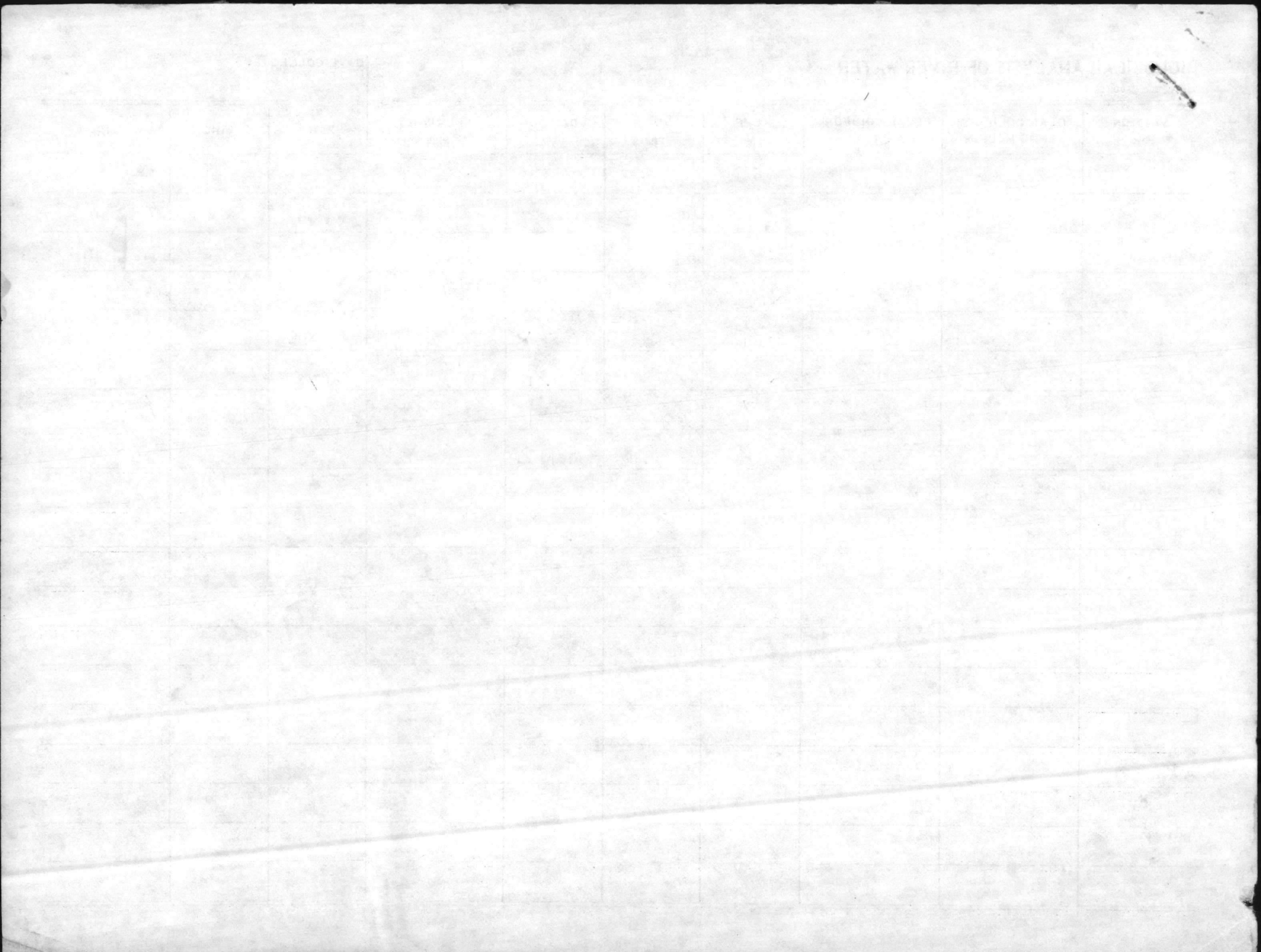
STATION NO.	TOTAL COLIFORM mENDO MEDIUM	FECAL COLIFORM m F C MEDIUM	TEMP C	DO ppm	5 DAY BOD ppm	CHLORIDES ppm	P. H.	WIND mph	TIDE
Rw-01	(1) 0 (25) 4	(1) 0 (25) 16	27	6.3	(4.1) 2.2	3 ± 0.2	6.6	5000	1035
Rw-02	(1) 0 (25) 16	(1) 0 (25) 0	27 ✓	6.1	(1.4) 4.7	7 ± 0.5	7.0	113000	1015
Rw-03	(1) 0 (25) 80	(1) 0 (25) 0	26.5 ✓	5.9	(0.9) 5.0	8 ± 0.5	7.0	14,500	1025
Rw-04	(50) 0	(50) 0	27	5.9	(2.5) 3.4	9 ± 0.6	7.2	16,000	1055
Rw-05	(50) 0	(50) 4	27	5.8	(3.0) 2.8	11 ± 0.7	7.3	19,500	1115
Rw-06	(50) 0	(50) 2	27	6.1	(4.1) 1.4	19 ± 1.0	7.7	31,000	1130 ebb
Rw-07	(50) 0	(50) 2	27	6.0	(4.9) 1.1	23 ± 1.1	7.8	37,000	1145 ebb
Rw-08	(50) 24	(50) 46	27	5.7	(4.5) 1.2	22.5 ± 1.1	7.8	36,500	1220 (NE) ebb
Rw-09	(50) 8	(50) 6	27	6.4	(4.8) 1.6	22.5 ± 1.1	7.9	36,500	1210
									Back to lab 1315
						* Read to nearest 0.5 - should read to nearest 0.2/100		** Calculated from chart (45.33)	
									Wind SW 18-12 switching to SE 10-15
									Monahan + Honeycutt

To use PROBE ON RIVER WATERS, MUST HAVE SALINITY

* Read to nearest 0.5 - should read to nearest 0.2/100
** Calculated from chart (45.33)

Wind SW 18-12 switching to SE 10-15

Monahan + Honeycutt



MCBCL 11345/7

QUALITY CONTROL LAB - STORM SEWER DISCHARGES - WORK SHEET

River N20
14 SEP 81

DATE COLLECTED	STORM SEWER NUMBER	FLOW RATE GALLONS PER DAY	SAMPLE COLLECTOR	TOTAL SUSPENDED SOLIDS (TSS)							OIL AND GREASE				pH		
				DISH NUMBER	ml SAMPLE	DISH & SOLID	DISH	WEIGHT GAIN	TSS mg/l	ANALYST	FLASK NUMBER	FLASK & OIL	FLASK	mg/l OIL		ANALYST	
	SD-										Rw-01	1	60 6629	60 6558	9.1		
	SD-										02	2	61 3279	61 1651	26.1		
	SD-										03	3	61 1216	61 1121	9.5		
	SD-										04	4	62 1224	62 9492	177.5		
	SD-										05	5	62 2070	62 1652	42		
	SD-										06	6	67 4105	67 4112	0		
	SD-										07	7	67 4999	67 4990	0.9		
	SD-										08	9	74 1062	74 1059	0.3		
	SD-										09	10	75 4738	76 4731	0.7		
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																

INVALID

(1-5)

Salt Crystals in flask
Salt Crystals in flask

11

HONEYCUT W LACHAPELLE

BIOLOGICAL ANALYSIS OF RIVER WATER

MCCL 11330/6

DATE COLLECTED

SALINITY 500 1981

STATION NO.	TOTAL COLIFORM mENDO MEDIUM	FECAL COLIFORM m F C MEDIUM	TEMP C	DO			CHLORIDES ppm	P. H.	WIND	TIDE
				ppm	ppm	ppm			CONDUCTIVITY	TIME
1	100	40	20	12.5	5.7	6.8	10	6.4	13000	1105
2	0	12	21	12.0	4.2	7.8	9.5	7.9	14,000	1121
3	24	0	20	7.6	3.7	3.9	11	7.7	14,200	1052
4	20	14	20	7.2	3.3	3.9	7.5	7.7	11,000	1030 ^{NE}
5	8	2	20	8.0	4.4	3.6	10	7.9	15,800	1141
6	8	0	20	8.5	5.4	3.1	11	8.0	17,000	1159
7	8	0	21	8.0	6.7	1.3	15	8.0	23,000	1227
8	2	0	21	7.0	6.0	1.0	22	8.0	33000	1313
9	6	0	22	6.9	6.2	0.7	21	8.1	32	1257

Winds SW 10-15 kts (8)



QUALITY CONTROL LAB - STORM SEWER DISCHARGES - WORK SHEET

MCBCL 11345/7

DATE COLLECTED	STORM SEWER NUMBER	FLOW RATE GALLONS PER DAY	SAMPLE COLLECTOR	TOTAL SUSPENDED SOLIDS (TSS)							OIL AND GREASE					pH	
				DISH NUMBER	ml SAMPLE	DISH & SOLID	DISH	WEIGHT GAIN	TSS mg/l	ANALYST	FLASK NUMBER	FLASK & OIL	FLASK	mg/l OIL	ANALYST		
10-5-81	RW SD -01					(20)						1	.5181	⁸⁰ .5152	2.9	0	6.4
	SD -02											2	.3808	⁷⁸ .3780	2.8	0	7.9
	SD -03											3	.2461	⁷⁸ .2430	3.1	0	7.7
	SD -04											4	.4767	.4696	7.1	1.9	7.7
	SD -05									water in flask		5	.1966	⁷⁹ .1936	3.0	0	7.9
	SD -06									substance in flask		6	.8927	.8813	1.4	0	8.0
	SD -07											7	.8919	⁷⁸ .8892	2.7	0	8.0
	SD -08											8	.12840	⁸¹ .12809	3.1	0	8.0
	SD -09											9	.1295	⁷⁸ .1240	5.5	0.3	8.1
	SD-									* Standard		10	.2989	⁸² .2653	33.6	28.2	-
	SD-									* Blank		11	.19263	⁷⁹ .19211	5.2		-
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																

96%

* 2ml of 15.663 mg/l motor oil

* New method

21

22

23

24

25

26

27

28

29

BIOLOGICAL ANALYSIS OF RIVER WATER

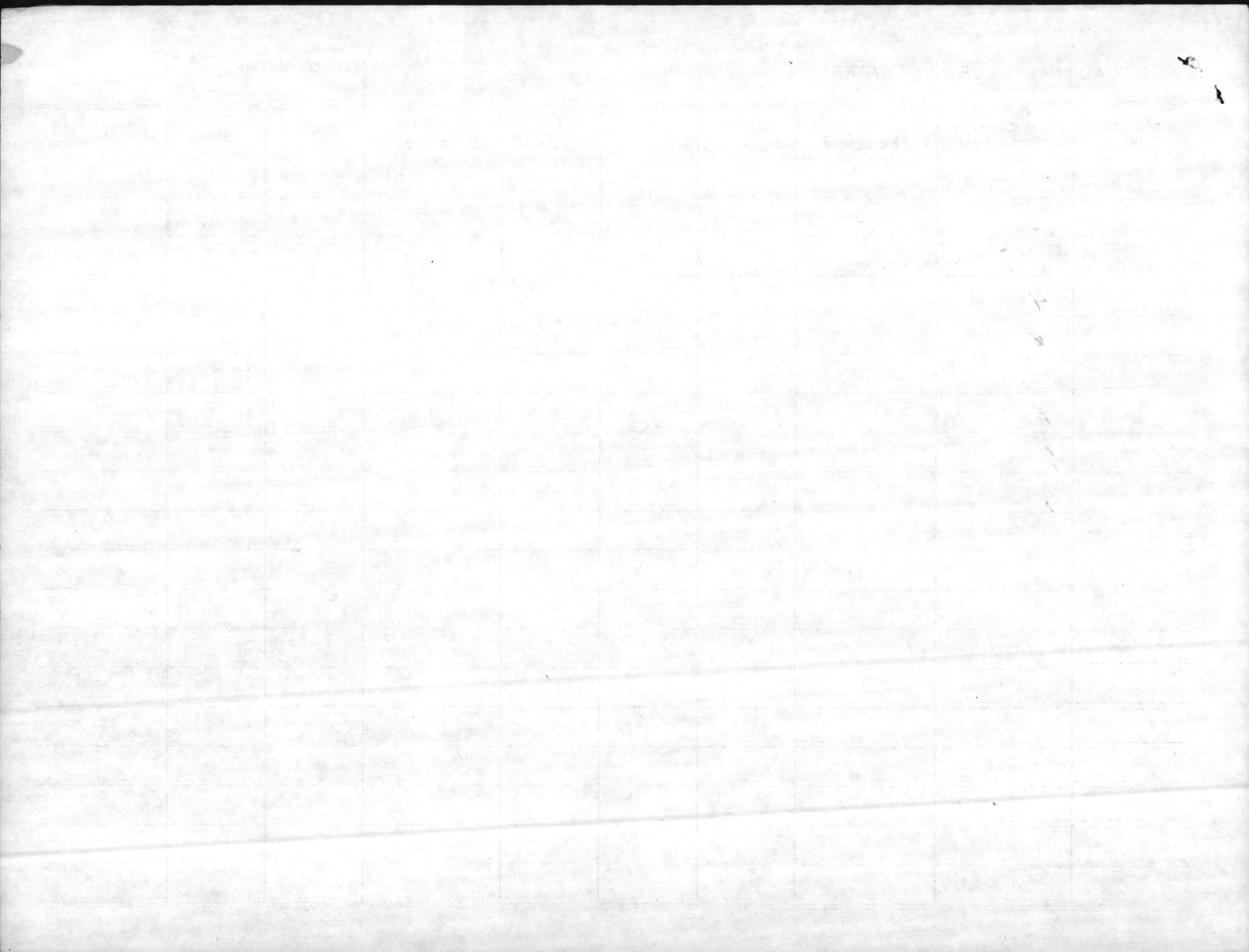
MCBCL 11330/6

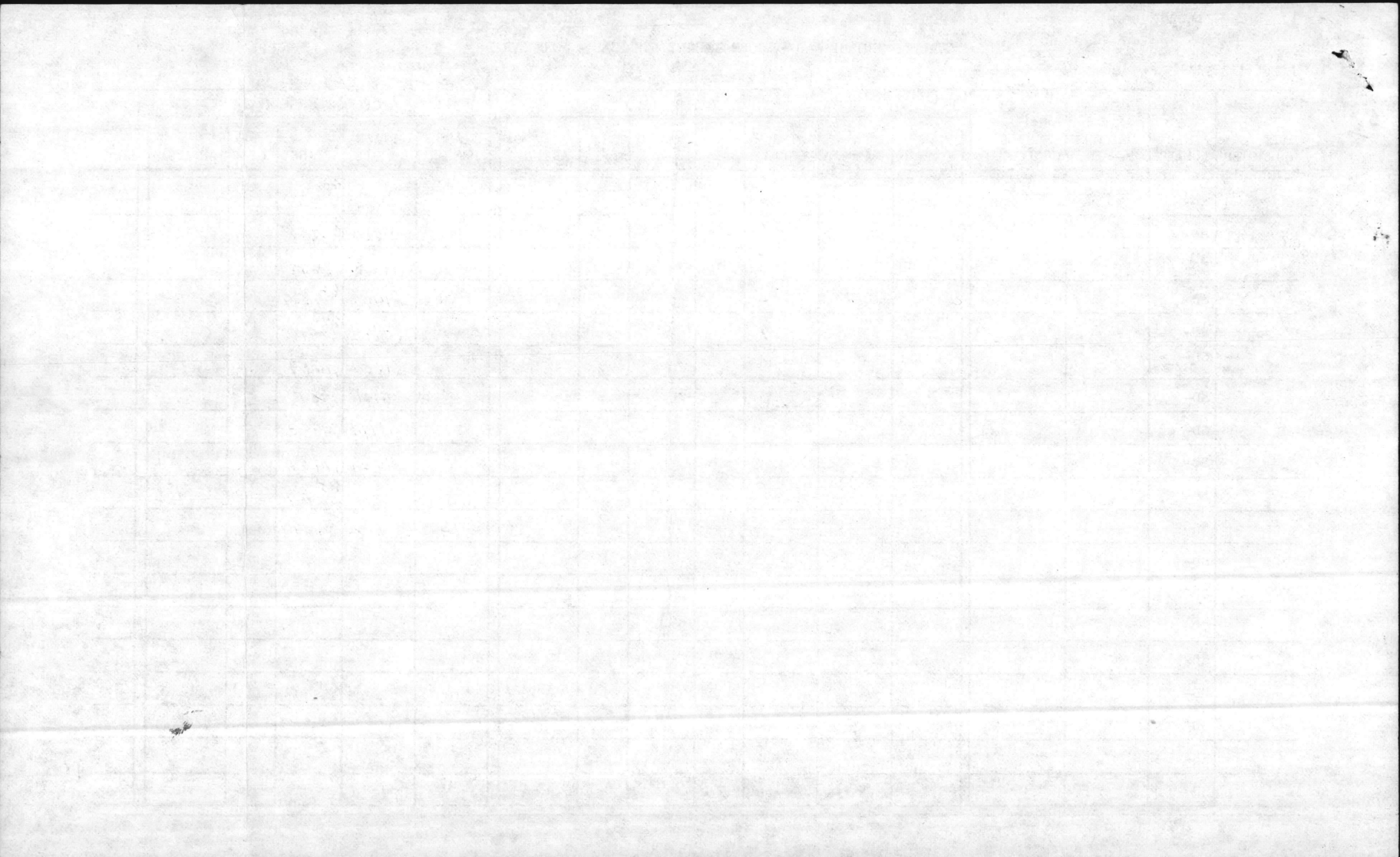
C - Cond. Meter
T - Thermometer

1005
DATE COLLECTED
16 Nov '81

STATION NO.	TOTAL COLIFORM mENDO MEDIUM	FECAL COLIFORM m F C MEDIUM	TEMP C	DO ppm	Salt % 5 DAY BOD ppm	Cond. CHLORIDES ppm	P. H.	WIND	TIDE
Rw 1	—	—	C- 11.5° T- 12.0°		52.7%	9000	7.5	1150 CALM	H/1000
2			C- 11.0 T- 12.0		9%	11500	7.1	1110	
3			C- 11.0 T- 12.0		10.5%	13,000	8.1		
4			C- 11.0 T		11.5%	14,200	8.1	SO 5	1128
5			12.0		12%	14,500	8.1		1135
6			12.2		14%	17,800	8.1		1150 (IN) ¹¹³⁹ (big tank)
7			13.0		16.2%	20,900	8.1		1155
8			14.0		17.0	22000	8.1		1210
9			13.0		16.5	21000	8.1		

Reported river junk 10/10
Cart Guard will pick up





BIOLOGICAL ANALYSIS OF RIVER WATER

MCBCL 11330/6

DATE COLLECTED

12-7-91

STATION NO.	TOTAL COLIFORM		FECAL COLIFORM		TEMP C	DO ppm	5 DAY BOD		SALINITY CHLORIDES		P. H.	WIND TIME	E/B/TIDE CONDUCTIVITY	
	m	ENDO MEDIUM	m	F C MEDIUM			ppm	ppm	ppm	ppm				
R1	25 1	20 0	25 1	9 0	10	9.9	0.5	9.4	2	2.5	7.6	0940	50 ^{x100}	5000
R2	25 1	32 0	25 1	0 0	8	9.8	5.9	3.9	6	6	6.6	0952	80 ^{x100}	8000
R3	25 1	4 0	25 1	4 0	8	9.8	6.5	3.3	7	7.2	8.0	1007	100 ^{x100}	10,000
R4	50	0	50	2	8	9.5	6.8	2.7	9	9	8.1	1018	110 ^{x100}	11,000
R5	50	0	50	0	8.5	9.2	6.4	2.8	13.5	14	8.0	1033	120	12,000
R6	50	0	50	0	8	9.1	7.5	1.6	13.5	14.2	8.1	1054	140	14,000
R7	50	0	50	0	9	8.8	7.2	0.9	26	28	8.1	1117	180	18,000
R8	50	0	50	0	10	8.8	7.7	1.1	15	15.1	8.1	1138	160	16,000
R9	50	2	50	2	8	8.9	7.3	1.1	21	22	8.1	1127	155	15,500

B

