

FROM: SUPERVISORY CHEMIST, QUALITY CONTROL LAB, ENVIR. BR.

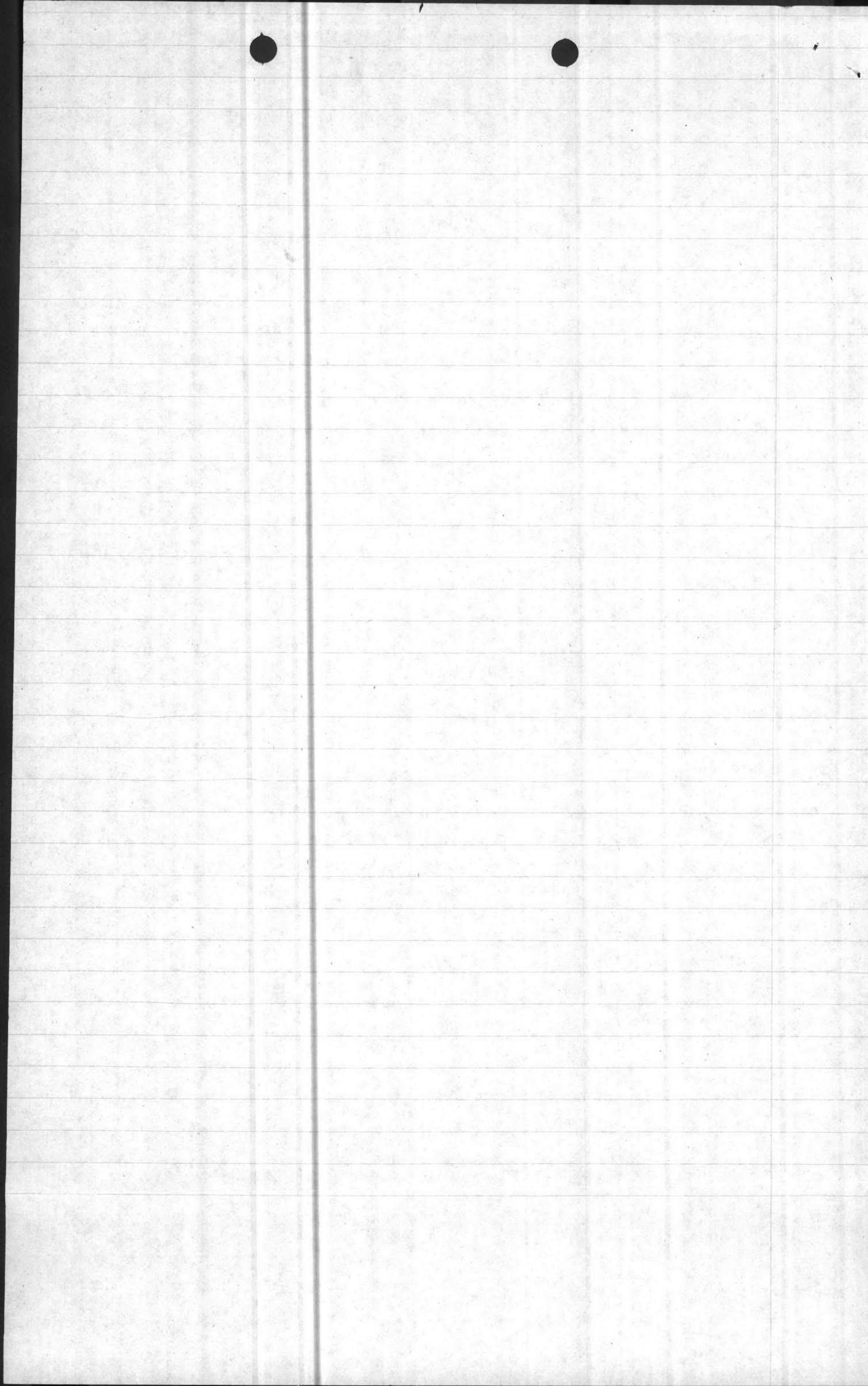
TO: SUPERVISORY ECOLOGIST, ENVIR. BR.

SUBJ: SEWAGE BYPASSES; REPORTING OF

REF: (a) 15 AUG 1983 LETTER TO BMO 11345 NREAD/DDS/TH

1. IN REFERENCE (a) WE REQUESTED THAT BASE MAINTENANCE NOTIFY US PERTINENT FACTS RELATIVE TO WASTEWATER BYPASSES. ONE FACT THEY HAVE FAILED TO TELL US OVER AND OVER, IS THE ROLE OF THE UMACS MONITORING SYSTEM IN BYPASSES AT LIFT STATIONS.
2. A SUMMARY OF THE BYPASSES IN 1982 AND 1983 SHOWS THE FOLLOWING INFORMATION. IN 1982, NINE BYPASS LETTERS RELATING ELEVEN BYPASSES WERE SENT, ONLY TWO WERE SENT WITHIN 5 DAYS. IN 1983, NINE BYPASS LETTERS RELATING TEN BYPASSES WERE SENT, ONLY TWO WERE SENT WITHIN 5 DAYS. TWO BYPASSES OCCURRED IN 1983 WERE NEVER REPORTED, TO MY KNOWLEDGE.
3. TO FACILITATE THE REPORTING OF BYPASSES, I WOULD FIND IT USEFUL TO HAVE UTILITIES LIST ALL THE LIFT STATIONS AND SEPARATORS UNDER THEIR MAINTENANCE PROGRAM. IF THEY WOULD IDENTIFY THEM BY BLDG #, WASTEWATER SYSTEM, UMACS, AND MEANS OF WASTEWATER EXIT (IE, MANHOLE COVER, BYPASS VALVE, UNDER DOORS, OVER SIDES, ETC.) IT WOULD BE HELPFUL. JUST A LIST OF BLDG # UNDER THEIR CONTROL WOULD HELP PREVENT THE RECENT CONFUSION IN THE 1800 AREA.

Elizabeth A. Betz



BY-TASS SUMMARY

- 15 APRIL 1982 (26 APRIL 1982)

TT-34, PUMP MISSING OTHER OVERHEATED.

NO ESTIMATE

- HIGHLEVEL UMACS

- FOUND BY OPERATOR @ 7:00 PM

- 22 ^{JULY} ~~JUNE~~ 1982 (30 JULY 1982)

S-47A (HP), AFTER EMERGENCY POWER SHUT DOWN - NO POWER

5,000 GAL

- HIGHLEVEL UMACS

- FOUND BY OPERATOR @ 9:00 PM

- 24, 28, 30 JULY 1982 (9 AUG 82)

HP SECONDARY FEED LINE BROKE

- NO UMACS

- 19 AUGUST 1982 (26 AUG 82)

TT-34, MECHANICAL FLOAT HUNG

50,000 GAL

- HIGHLEVEL UMACS

- FOUND BY OPERATOR @ 1445

- 23 AUGUST 1982 (3 SEP 82)

TT-32, OPERATOR ERROR @ 1000

100,000 GAL

- HIGHLEVEL UMACS

- FOUND ON (1600-2400)

- 5 NOVEMBER 1982 (16 NOV 82)

TT SEWAGE PLANT

- NO UMACS

- 17 NOVEMBER 1982 (26 NOV 82)

A-38 (CHB) FLOAT JAMMED

5,000 GAL

- HIGHLEVEL UMACS

- FOUND BY OPERATOR @ 1115

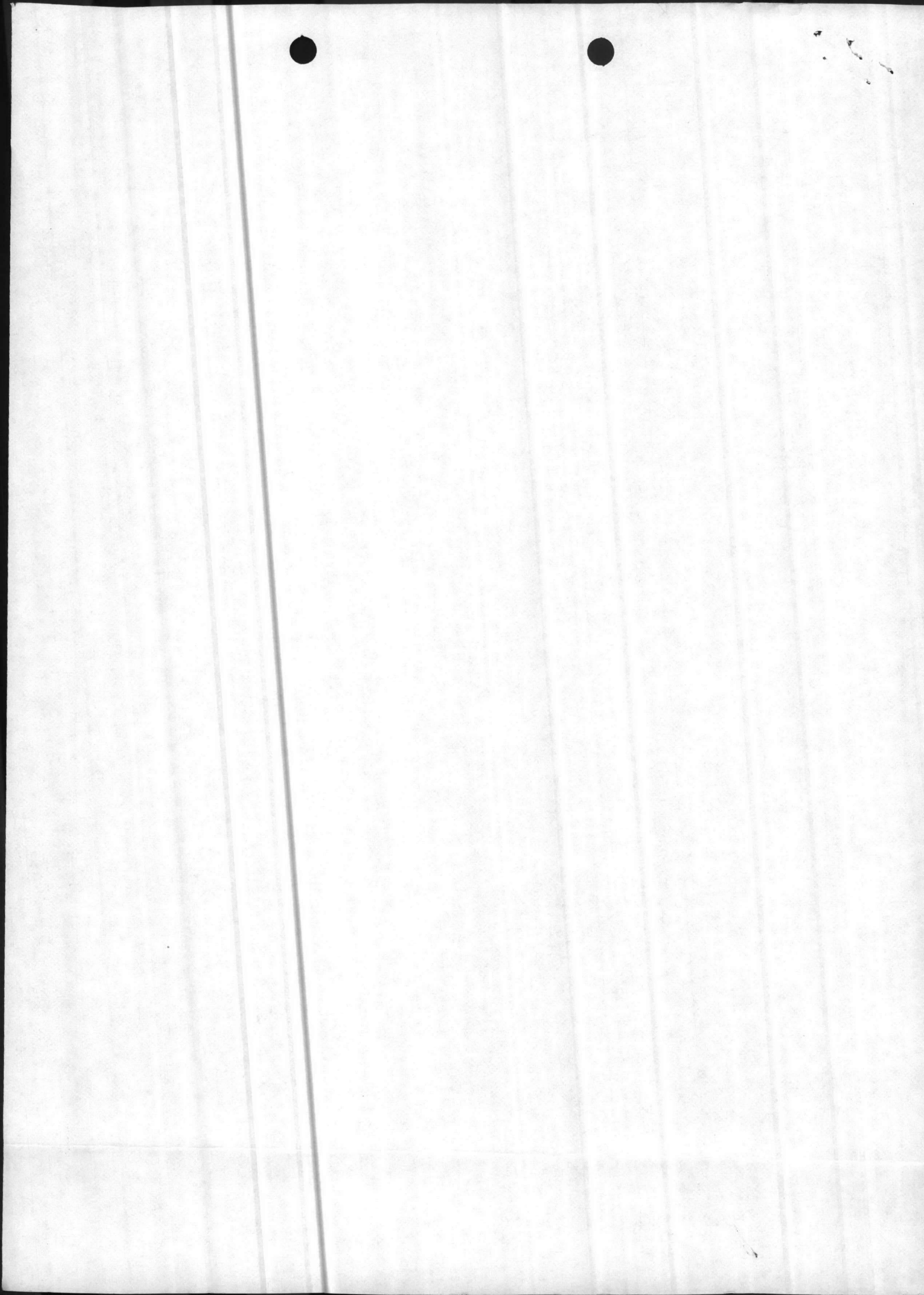
- 29 NOVEMBER 1982 (3 DEC 82)

TT-34, CONTROL MECHANISM MALFUNCTIONED

5,000 GAL

- HIGHLEVEL UMACS

- ?



- 1 DECEMBER 1982 (3 DEC 82)

TT SEWER LINE BREAK

- 1 JANUARY 1983 (7 JAN 83)

TT-34 AUTOFLOAT GEAR FAILED

20,000 GAL

- HIGH LEVEL UMACS

- FOUND @ 1430

- 8 FEBRUARY 1983 (14 FEB 83)

S-47A (HP) AUTOFLOAT MALFUNCTION

10,000 GAL

- HIGH LEVEL UMACS

- FOUND @ 1730

- 16 FEBRUARY 1983 (25 FEB 83)

STT-33 (TT), R SEWER LINE BREAK - SHUT DOWN LIFT STATION

1,000 GAL

- HIGH LEVEL UMACS ?

- 17+18 FEBRUARY 1983 (? NEVER SENT)

~~TC~~ NEAR TC-754 (CG) - 4" SEWER LINE RUPTURED

950 GALLONS

- 31 MARCH + 1 APRIL 1983 (5 APR 1983)

SA-38 (CHB) - PUMP FAILURE + BROKEN SHAFT IN PUMP

5,000 + 2,000 GAL

- HIGH LEVEL UMACS ?

- 28 MAY 1983 (3 JUN 1983)

TT-32 (TT) - CLOGGED PUMP DUE TO WATER CUT OFF

700 GAL

- HIGH LEVEL UMACS

- 22 JULY 1983 (28 JUL 1983)

TT-32 + 34 - HIGH FLOWS DUE TO RAINWATER INFILTRATION

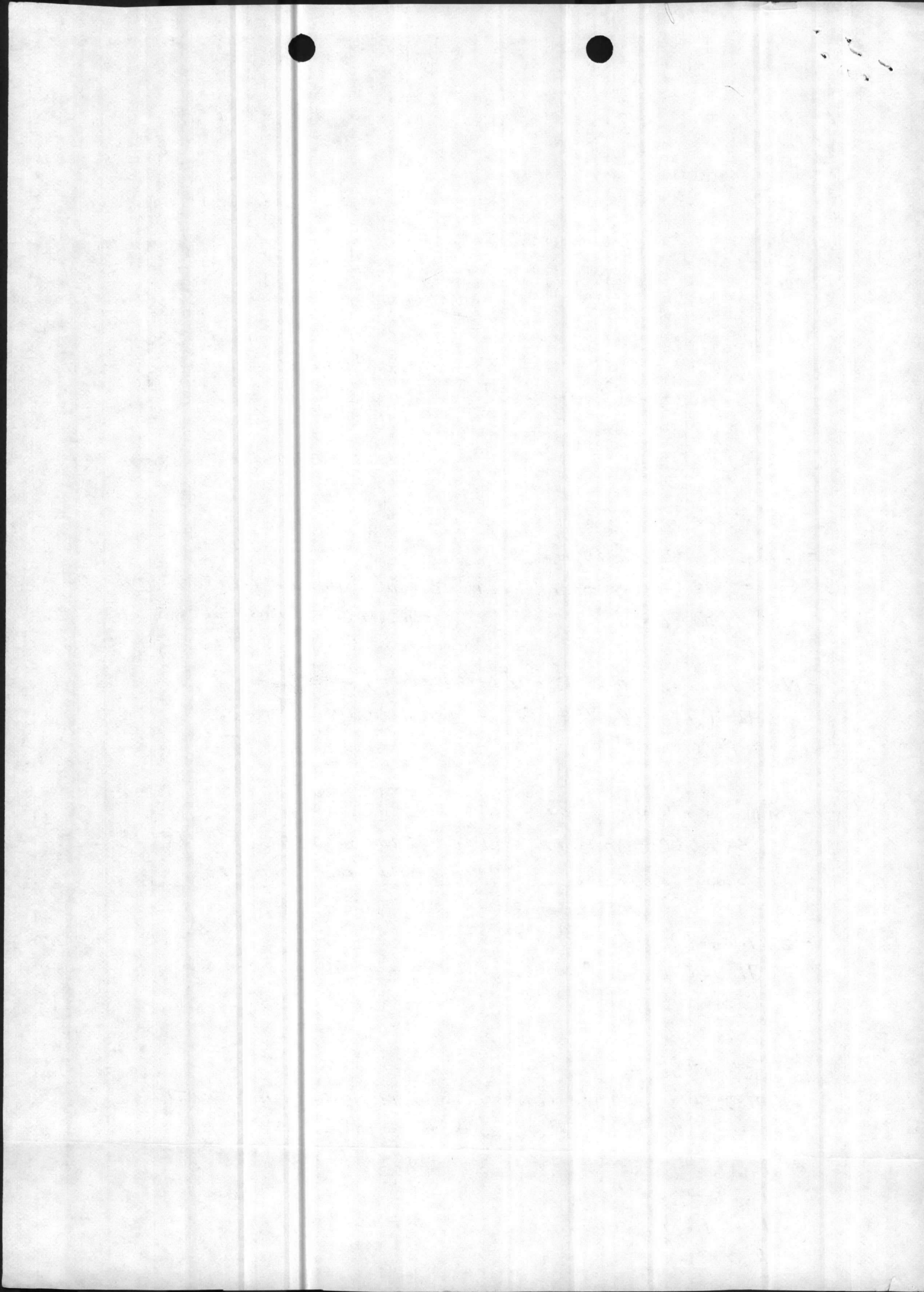
15,000 GAL @ 32, 5,000 GAL @ 34 - HIGH LEVEL UMACS

- 3 AUGUST 1983 (8 AUG 1983)

TT-34 - FAULTY HEATERS IN ONE PUMP, + RAIN INFILTRATION

10,000 GAL

- HIGH LEVEL UMACS



- 24 AUGUST 1983 (1 SEP 83)
SA-L6 (CHB W/D) - OVERHEATED MOTOR.
500 GAL - FOUND @ 1200

~~5 DECEMBER 1983 (13 DEC 83)~~
~~S-1776 (HP) - MALFUNCTION OF THE AUTOMATIC LEVEL CONTROL~~
~~200 GAL~~

- (? NEVER SENT - NEVER REC'D LETTER)
1800 AREA WATER/OIL SEPARATOR.
? GALLONS

- 5 DECEMBER 1983 (13 DEC 83)
S-1776 (HP) - MALFUNCTION OF THE AUTOMATIC LEVEL CONTROL
200 GAL.

- 4 JANUARY 1984
TI-35 (TT) - TIE-IN OF NEW GRIT CHANNEL - CONTRACTOR ERROR
75,000 GAL.

