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AUTOMATIC MONITOR DATA:

SAINT JOHN RIVER AT GRAND FALLS

Aug. 10/83 to Oct. 23/82



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ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9---ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 10 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |
|--------------|-----------|-----------|--------|----------|
|              | VALUE     | VALUE     |        | SAMPLES  |
|              | HOUR      | HOUR      |        |          |
| CONDUCTIVITY | * 144 13  | * 134 19  | * 139  | * 11     |
| PH           | * 7.15 14 | * 7 18    | * 7.1  | * 11     |
| D.O. %SAT.   | * 78.8 13 | * 78.8 13 | * 78.8 | * 11     |
| TEMPERATURE  | * 21.7 18 | * 19.9 23 | * 20.9 | * 11     |
| D.O. F.P.M.  | * 7 13    | * 7.2 13  | * 7.1  | * 11     |

ENVIRONMENT CANADA

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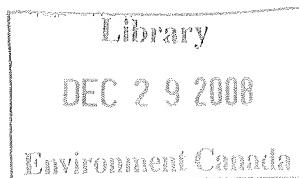
WATER QUALITY BRANCH (MONCTON)

STATION #9---ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 11 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |
|--------------|-----------|-----------|--------|----------|
|              | VALUE     | VALUE     |        | SAMPLES  |
|              | HOUR      | HOUR      |        |          |
| CONDUCTIVITY | * 134 0   | * 134 0   | * 134  | * 24     |
| PH           | * 7.15 0  | * 7.15 0  | * 7.2  | * 24     |
| D.O. %SAT.   | * 84.7 19 | * 75.9 3  | * 79.7 | * 24     |
| TEMPERATURE  | * 19.6 0  | * 17.2 8  | * 18.6 | * 24     |
| D.O. F.P.M.  | * 7.8 19  | * 7.3 3   | * 7.5  | * 24     |



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ENVIRONMENT CANADA

WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 12 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 134                | 0    | * 134                | 0    | * 134       | * 24                  | * |
| PH           | * 7.3                | 2    | * 7.15               | 0    | * 7.2       | * 24                  | * |
| D.O. %SAT.   | * 88.2               | 21   | * 79.4               | 9    | * 83.2      | * 24                  | * |
| TEMPERATURE  | * 19.6               | 18   | * 16.6               | 9    | * 18.3      | * 24                  | * |
| D.O. F.P.M.  | * 8.2                | 21   | * 7.8                | 9    | * 7.9       | * 24                  | * |

ENVIRONMENT CANADA

WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 13 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 136                | 19   | * 134                | 0    | * 134       | * 24                  | * |
| PH           | * 7.15               | 0    | * 7.15               | 0    | * 7.2       | * 24                  | * |
| D.O. %SAT.   | * 86.8               | 0    | * 80                 | 22   | * 82.7      | * 24                  | * |
| TEMPERATURE  | * 18.7               | 0    | * 16                 | 7    | * 17.0      | * 24                  | * |
| D.O. F.P.M.  | * 8.2                | 0    | * 7.9                | 22   | * 8         | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 14 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |        |      |
|--------------|-----------|-----------|--------|-----------|--------|------|
| * VALUE      | HOUR      | * VALUE   | HOUR   | * SAMPLES |        |      |
| CONDUCTIVITY | * 139     | 1         | * 136  | 23        | * 138  | * 24 |
| PH           | * 7.15    | 0         | * 7.15 | 0         | * 7.2  | * 24 |
| D.O. %SAT.   | * 80.6    | 0         | * 79.1 | 7         | * 80.0 | * 24 |
| TEMPERATURE  | * 19      | 18        | * 17.2 | 0         | * 17.8 | * 24 |
| D.O. P.P.M.  | * 7.5     | 0         | * 7.7  | 7         | * 7.7  | * 24 |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 15 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |        |      |
|--------------|-----------|-----------|--------|-----------|--------|------|
| * VALUE      | HOUR      | * VALUE   | HOUR   | * SAMPLES |        |      |
| CONDUCTIVITY | * 136     | 8         | * 132  | 23        | * 134  | * 24 |
| PH           | * 7.3     | 13        | * 7.15 | 0         | * 7.2  | * 24 |
| D.O. %SAT.   | * 79.7    | 17        | * 78.2 | 3         | * 78.7 | * 24 |
| TEMPERATURE  | * 20.4    | 20        | * 17.1 | 6         | * 18.4 | * 24 |
| D.O. P.P.M.  | * 7.3     | 17        | * 7.6  | 3         | * 7.4  | * 24 |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 16 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |
|--------------|-----------|-----------|--------|----------|
|              | VALUE     | VALUE     |        | SAMPLES  |
|              | HOUR      | HOUR      |        |          |
| CONDUCTIVITY | * 136 15  | * 129 2   | * 129  | * 24     |
| PH           | * 7.3 0   | * 7 12    | * 7.2  | * 24     |
| D.O. %SAT.   | * 87.2 17 | * 78.2 3  | * 81.6 | * 24     |
| TEMPERATURE  | * 22 19   | * 16.6 8  | * 19.2 | * 24     |
| D.O. P.P.M.  | * 7.7 17  | * 7.7 3   | * 7.6  | * 24     |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 17 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |
|--------------|-----------|-----------|--------|----------|
|              | VALUE     | VALUE     |        | SAMPLES  |
|              | HOUR      | HOUR      |        |          |
| CONDUCTIVITY | * 129 0   | * 127 2   | * 127  | * 24     |
| PH           | * 7.3 12  | * 7.02 0  | * 7.1  | * 24     |
| D.O. %SAT.   | * 84.8 0  | * 81.8 23 | * 83.5 | * 24     |
| TEMPERATURE  | * 20.8 0  | * 19.2 8  | * 19.8 | * 24     |
| D.O. P.P.M.  | * 7.7 0   | * 7.6 23  | * 7.7  | * 24     |

ENVIRONMENT CANADA

WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 18 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES * |
|--------------|----------------------|------|----------------------|------|-------------|-------------------------|
| CONDUCTIVITY | * 126                | 0    | * 124                | 1    | * 124       | * 24                    |
| PH           | * 7.3                | 7    | * 7.15               | 0    | * 7.3       | * 24                    |
| D.O. %SAT.   | * 84.8               | 15   | * 78.8               | 4    | * 81.6      | * 24                    |
| TEMPERATURE  | * 19.9               | 19   | * 15.4               | 9    | * 17.8      | * 24                    |
| D.O. F.P.M.  | * 7.8                | 15   | * 7.9                | 4    | * 7.8       | * 24                    |

ENVIRONMENT CANADA

WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 19 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES * |
|--------------|----------------------|------|----------------------|------|-------------|-------------------------|
| CONDUCTIVITY | * 134                | 23   | * 124                | 0    | * 124       | * 24                    |
| PH           | * 7.3                | 0    | * 7.02               | 23   | * 7.2       | * 24                    |
| D.O. %SAT.   | * 90.8               | 17   | * 81.5               | 6    | * 85.7      | * 24                    |
| TEMPERATURE  | * 20.4               | 19   | * 16.5               | 9    | * 18.4      | * 24                    |
| D.O. F.P.M.  | * 8.3                | 17   | * 8                  | 6    | * 8.1       | * 24                    |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9---ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 20 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |
|--------------|-----------|-----------|--------|----------|
|              | VALUE     | VALUE     |        | SAMPLES  |
|              | HOUR      | HOUR      |        |          |
| CONDUCTIVITY | * 134 0   | * 124 4   | * 126  | * 24     |
| PH           | * 7.15 10 | * 7.02 0  | * 7.1  | * 24     |
| D.O. %SAT.   | * 89 1    | * 83.6 23 | * 85.5 | * 24     |
| TEMPERATURE  | * 20.5 19 | * 18.4 7  | * 19.3 | * 24     |
| D.O. P.P.M.  | * 8.1 1   | * 7.9 23  | * 8    | * 24     |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9---ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 21 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |
|--------------|-----------|-----------|--------|----------|
|              | VALUE     | VALUE     |        | SAMPLES  |
|              | HOUR      | HOUR      |        |          |
| CONDUCTIVITY | * 127 8   | * 124 3   | * 126  | * 24     |
| PH           | * 7.15 0  | * 7 20    | * 7.1  | * 24     |
| D.O. %SAT.   | * 82 0    | * 81.3 4  | * 81.4 | * 24     |
| TEMPERATURE  | * 21 18   | * 15.7 9  | * 18.0 | * 24     |
| D.O. P.P.M.  | * 7.4 0   | * 8.1 4   | * 7.8  | * 24     |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9---ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 22 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 134                | 6    | * 34.4               | 21   | * 127       | * 24                  | * |
| PH           | * 7.3                | 16   | * 7.15               | 0    | * 7.2       | * 24                  | * |
| D.O. %SAT.   | * 81.3               | 0    | * 78.1               | 8    | * 79.5      | * 24                  | * |
| TEMPERATURE  | * 18.7               | 20   | * 15.3               | 6    | * 16.8      | * 24                  | * |
| D.O. P.P.M.  | * 7.6                | 0    | * 7.8                | 8    | * 7.8       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9---ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 23 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 133                | 0    | * 126                | 5    | * 127       | * 24                  | * |
| PH           | * 7.3                | 15   | * 7.15               | 0    | * 7.2       | * 23                  | * |
| D.O. %SAT.   | * 78.1               | 0    | * 77.3               | 6    | * 77.9      | * 24                  | * |
| TEMPERATURE  | * 18                 | 21   | * 14.2               | 7    | * 16.2      | * 24                  | * |
| D.O. P.P.M.  | * 7.4                | 0    | * 7.9                | 6    | * 7.7       | * 24                  | * |

ENVIRONMENT CANADA

WATER QUALITY BRANCH (MONCTON)

STATION #9---ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 24 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 129                | 0    | * 127                | 12   | * 128       | * 24                  | * |
| PH           | * 7.3                | 7    | * 7.15               | 0    | * 7.3       | * 24                  | * |
| D.O. %SAT.   | * 78.7               | 0    | * 75.6               | 13   | * 77.3      | * 24                  | * |
| TEMPERATURE  | * 18.4               | 19   | * 16.9               | 10   | * 17.5      | * 24                  | * |
| D.O. F.P.M.  | * 7.4                | 0    | * 7.4                | 13   | * 7.4       | * 24                  | * |

ENVIRONMENT CANADA

WATER QUALITY BRANCH (MONCTON)

STATION #9---ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 25 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 133                | 23   | * 129                | 0    | * 129       | * 24                  | * |
| PH           | * 7.3                | 0    | * 7.15               | 19   | * 7.3       | * 24                  | * |
| D.O. %SAT.   | * 81.6               | 18   | * 76.8               | 0    | * 78.2      | * 24                  | * |
| TEMPERATURE  | * 19                 | 19   | * 15.3               | 10   | * 17.0      | * 24                  | * |
| D.O. F.P.M.  | * 7.6                | 18   | * 7.7                | 0    | * 7.6       | * 24                  | * |

TEAD LOG AT LINE 9500

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 26 AUG 82

# SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |
|              | HOUR      | HOUR      |        |           |
| CONDUCTIVITY | * 134     | * 132     | * 132  | * 16      |
|              | 0         | 7         |        |           |
| PH           | * ???     | * ???     | * ???  | * ??      |
|              | ??        | ??        |        |           |
| D.O. %SAT.   | * 80.6    | * 80.6    | * 80.6 | * 24      |
|              | 0         | 0         |        |           |
| TEMPERATURE  | * 18.7    | * 16.6    | * 17.4 | * 24      |
|              | 20        | 6         |        |           |
| D.O. P.P.M.  | * 7.6     | * 7.9     | * 7.8  | * 24      |
|              | 0         | 0         |        |           |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 27 AUG 82

# SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |
|              | HOUR      | HOUR      |        |           |
| CONDUCTIVITY | * 133     | * 127     | * 131  | * 15      |
|              | 14        | 23        |        |           |
| PH           | * 7.15    | * 7.02    | * 7.1  | * 15      |
|              | 15        | 9         |        |           |
| D.O. %SAT.   | * 82.2    | * 79.7    | * 80.9 | * 24      |
|              | 17        | 20        |        |           |
| TEMPERATURE  | * 21      | * 15      | * 18.0 | * 24      |
|              | 18        | 8         |        |           |
| D.O. P.P.M.  | * 7.4     | * 8       | * 7.7  | * 24      |
|              | 17        | 20        |        |           |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 28 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 125                | 0    | * 100                | 23   | * 112       | * 24                  | * |
| PH           | * 7.02               | 0    | * 7.02               | 0    | * 7.0       | * 24                  | * |
| D.O. %SAT.   | * 84.7               | 19   | * 78                 | 0    | * 81.5      | * 24                  | * |
| TEMPERATURE  | * 18.6               | 0    | * 14.3               | 9    | * 16.1      | * 24                  | * |
| D.O. F.P.M.  | * 8                  | 19   | * 8                  | 0    | * 8.1       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 29 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 100                | 0    | * 76                 | 21   | * 85        | * 24                  | * |
| PH           | * 7.21               | 1    | * 7.02               | 4    | * 7.0       | * 24                  | * |
| D.O. %SAT.   | * 94.7               | 22   | * 84.7               | 0    | * 85.1      | * 24                  | * |
| TEMPERATURE  | * 16.6               | 19   | * 12.1               | 8    | * 14.4      | * 24                  | * |
| D.O. F.P.M.  | * 9.3                | 22   | * 9.1                | 0    | * 8.7       | * 24                  | * |

ENVIRONMENT CANADA  
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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 30 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 76                 | 0    | * 62                 | 15   | * 69        | * 24                  | * |
| PH           | * 7.15               | 0    | * 6.89               | 8    | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * 86.2               | 3    | * 82.8               | 17   | * 84.7      | * 24                  | * |
| TEMPERATURE  | * 17.8               | 18   | * 11.6               | 8    | * 14.4      | * 24                  | * |
| D.O. P.P.M.  | * 8.2                | 3    | * 9                  | 17   | * 8.7       | * 24                  | * |

ENVIRONMENT CANADA  
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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 31 AUG 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 72                 | 3    | * 62                 | 18   | * 68        | * 24                  | * |
| PH           | * 7.02               | 1    | * 6.89               | 0    | * 7.0       | * 24                  | * |
| D.O. %SAT.   | * 86.6               | 2    | * 84.5               | 0    | * 85.7      | * 24                  | * |
| TEMPERATURE  | * 18.6               | 18   | * 15.2               | 6    | * 16.6      | * 24                  | * |
| D.O. P.P.M.  | * 8.2                | 2    | * 8.5                | 0    | * 8.4       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 1 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 72                 | 1    | * 67                 | 14   | * 69        | * 23                  | * |
| PH           | * 7                  | 1    | * 6.8                | 5    | * 6.8       | * 23                  | * |
| D.O. %SAT.   | * 87.3               | 1    | * 83.6               | 16   | * 85.5      | * 23                  | * |
| TEMPERATURE  | * 16.7               | 18   | * 12.1               | 7    | * 14.1      | * 23                  | * |
| D.O. P.P.M.  | * 8.5                | 1    | * 9                  | 16   | * 8.8       | * 23                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 2 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 74                 | 22   | * 68                 | 0    | * 70        | * 24                  | * |
| PH           | * 6.9                | 0    | * 6.8                | 4    | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * 86.8               | 1    | * 83                 | 22   | * 85.4      | * 24                  | * |
| TEMPERATURE  | * 15.9               | 12   | * 14.1               | 2    | * 14.9      | * 23                  | * |
| D.O. P.P.M.  | * 8.6                | 1    | * 8.5                | 22   | * 8.6       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 3 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 79                 | 23   | * 74                 | 0    | * 76        | * 24                  | * |
| PH           | * 7                  | 22   | * 6.8                | 2    | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * 89                 | 1    | * 84                 | 18   | * 86.1      | * 24                  | * |
| TEMPERATURE  | * 18.6               | 12   | * 14.5               | 0    | * 16.1      | * 24                  | * |
| D.O. P.P.M.  | * 8.4                | 1    | * 8.6                | 18   | * 8.5       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 4 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 82                 | 0    | * 79                 | 17   | * 81        | * 24                  | * |
| PH           | * 7                  | 0    | * 6.8                | 3    | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * 85.7               | 1    | * 81.6               | 19   | * 83.7      | * 24                  | * |
| TEMPERATURE  | * 17.2               | 11   | * 13.5               | 23   | * 15.7      | * 24                  | * |
| D.O. P.P.M.  | * 8.3                | 1    | * 8.5                | 19   | * 8.3       | * 24                  | * |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 5 SEP 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |        |      |   |
|--------------|-----------|-----------|--------|-----------|--------|------|---|
| * VALUE      | HOUR      | * VALUE   | HOUR   | * SAMPLES |        |      |   |
| CONDUCTIVITY | * 82      | 2         | * 58   | 21        | * 72   | * 24 | * |
| PH           | * 7       | 0         | * 6.8  | 3         | * 6.9  | * 24 | * |
| D.O. %SAT.   | * 87.8    | 23        | * 83.7 | 0         | * 84.8 | * 24 | * |
| TEMPERATURE  | * 19.7    | 13        | * 12.6 | 2         | * 16.4 | * 24 | * |
| D.O. P.P.M.  | * 8.1     | 23        | * 8.9  | 0         | * 8.3  | * 24 | * |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 6 SEP 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |        |      |   |
|--------------|-----------|-----------|--------|-----------|--------|------|---|
| * VALUE      | HOUR      | * VALUE   | HOUR   | * SAMPLES |        |      |   |
| CONDUCTIVITY | * 58      | 0         | * 48   | 15        | * 51   | * 24 | * |
| PH           | * 7       | 0         | * 6.8  | 7         | * 6.8  | * 24 | * |
| D.O. %SAT.   | * 87.8    | 0         | * 85.7 | 6         | * 86.4 | * 24 | * |
| TEMPERATURE  | * 16      | 11        | * 14.1 | 23        | * 15.6 | * 24 | * |
| D.O. P.P.M.  | * 8.7     | 0         | * 8.8  | 6         | * 8.6  | * 24 | * |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 7 SEP 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |
|              | HOUR      | HOUR      |        |           |
| CONDUCTIVITY | * 53      | * 44      | * 48   | * 24      |
|              | 5         | 17        |        |           |
| PH           | * 6.8     | * 6.8     | * 6.8  | * 24      |
|              | 0         | 0         |        |           |
| D.O. %SAT.   | * 87.8    | * 85.4    | * 87.3 | * 24      |
|              | 0         | 21        |        |           |
| TEMPERATURE  | * 17.9    | * 11.7    | * 15.0 | * 24      |
|              | 12        | 23        |        |           |
| D.O. P.P.M.  | * 8.4     | * 9.2     | * 8.8  | * 24      |
|              | 0         | 21        |        |           |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 8 SEP 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |
|              | HOUR      | HOUR      |        |           |
| CONDUCTIVITY | * 55      | * 42      | * 48   | * 24      |
|              | 3         | 17        |        |           |
| PH           | * 6.8     | * 6.6     | * 6.6  | * 24      |
|              | 0         | 1         |        |           |
| D.O. %SAT.   | * 87.6    | * 85.4    | * 85.8 | * 24      |
|              | 0         | 3         |        |           |
| TEMPERATURE  | * 17.2    | * 10.7    | * 14.0 | * 24      |
|              | 13        | 2         |        |           |
| D.O. P.P.M.  | * 8.5     | * 9.4     | * 8.8  | * 24      |
|              | 0         | 3         |        |           |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 9 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 50                 | 23   | * 43                 | 0    | * 46        | * 24                  | * |
| PH           | * 6.8                | 0    | * 6.8                | 0    | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * 89.4               | 1    | * 85.1               | 10   | * 86.3      | * 24                  | * |
| TEMPERATURE  | * 17.4               | 14   | * 13.1               | 0    | * 14.9      | * 24                  | * |
| D.O. P.P.M.  | * 8.6                | 1    | * 8.9                | 10   | * 8.7       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 10 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 58                 | 8    | * 50                 | 0    | * 53        | * 22                  | * |
| PH           | * 6.8                | 0    | * 6.8                | 0    | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * 89.1               | 23   | * 87                 | 1    | * 87.1      | * 24                  | * |
| TEMPERATURE  | * 18.6               | 12   | * 12.9               | 2    | * 16.5      | * 24                  | * |
| D.O. P.P.M.  | * 8.4                | 23   | * 9.2                | 1    | * 8.5       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 11 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 53                 | 5    | * 48                 | 2    | * 51        | * 24                  | * |
| PH           | * 6.8                | 0    | * 6.8                | 0    | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * 89.1               | 0    | * 84.4               | 18   | * 86.5      | * 24                  | * |
| TEMPERATURE  | * 19                 | 12   | * 15.5               | 3    | * 16.9      | * 24                  | * |
| D.O. P.P.M.  | * 8.3                | 0    | * 8.4                | 18   | * 8.4       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 12 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 59                 | 5    | * 53                 | 0    | * 56        | * 24                  | * |
| PH           | * 6.8                | 0    | * 6.7                | 4    | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * 87                 | 23   | * 78.3               | 18   | * 81.2      | * 24                  | * |
| TEMPERATURE  | * 22.1               | 13   | * 15.2               | 1    | * 18.5      | * 24                  | * |
| D.O. P.P.M.  | * 7.7                | 23   | * 7.9                | 18   | * 7.7       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 13 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 62                 | 4    | * 55                 | 0    | * 60        | * 24                  | * |
| PH           | * 6.8                | 0    | * 6.8                | 0    | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * 87.8               | 9    | * 83.7               | 20   | * 85.8      | * 24                  | * |
| TEMPERATURE  | * 22.6               | 13   | * 16.7               | 1    | * 19.8      | * 24                  | * |
| D.O. P.P.M.  | * 7.7                | 9    | * 8.2                | 20   | * 7.9       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 14 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 72                 | 20   | * 62                 | 0    | * 69        | * 24                  | * |
| PH           | * 6.8                | 0    | * 6.5                | 9    | * 6.6       | * 24                  | * |
| D.O. %SAT.   | * 89                 | 1    | * 83.3               | 20   | * 85.2      | * 24                  | * |
| TEMPERATURE  | * 22.1               | 12   | * 18.3               | 1    | * 20.1      | * 24                  | * |
| D.O. P.P.M.  | * 7.9                | 1    | * 7.9                | 20   | * 7.8       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 15 SEP 82

SUMMARY REPORT

| PARAMETER    | *<br>* VALUE | MAXIMUM<br>HOUR | *<br>* VALUE | MINIMUM<br>HOUR | *<br>* MEAN | * NO. OF<br>* SAMPLES | * |
|--------------|--------------|-----------------|--------------|-----------------|-------------|-----------------------|---|
| CONDUCTIVITY | * 82         | 19              | * 72         | 0               | * 77        | * 24                  | * |
| PH           | * 6.6        | 0               | * 6.5        | 2               | * 6.5       | * 24                  | * |
| D.O. %SAT.   | * 86.4       | 1               | * 81.8       | 13              | * 83.8      | * 24                  | * |
| TEMPERATURE  | * 18.5       | 0               | * 15.5       | 23              | * 16.7      | * 24                  | * |
| D.O. P.P.M.  | * 8.2        | 1               | * 8.2        | 13              | * 8.2       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 16 SEP 82

SUMMARY REPORT

| PARAMETER    | *<br>* VALUE | MAXIMUM<br>HOUR | *<br>* VALUE | MINIMUM<br>HOUR | *<br>* MEAN | * NO. OF<br>* SAMPLES | * |
|--------------|--------------|-----------------|--------------|-----------------|-------------|-----------------------|---|
| CONDUCTIVITY | * 85         | 21              | * 82         | 0               | * 83        | * 24                  | * |
| PH           | * 6.7        | 21              | * 6.5        | 2               | * 6.5       | * 23                  | * |
| D.O. %SAT.   | * 83.7       | 1               | * 79.1       | 11              | * 80.9      | * 24                  | * |
| TEMPERATURE  | * 15.9       | 12              | * 14.5       | 3               | * 15.4      | * 24                  | * |
| D.O. P.P.M.  | * 8.3        | 1               | * 8.1        | 11              | * 8.1       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 17 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 91                 | 5    | * 85                 | 0    | * 90        | * 24                  | * |
| PH           | * 6.7                | 0    | * 6.6                | 3    | * 6.6       | * 24                  | * |
| D.O. %SAT.   | * 83.7               | 0    | * 79.1               | 8    | * 80.1      | * 24                  | * |
| TEMPERATURE  | * 17.2               | 12   | * 15.5               | 23   | * 16.4      | * 24                  | * |
| D.O. P.P.M.  | * 8.1                | 0    | * 7.9                | 8    | * 7.9       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 18 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 90                 | 0    | * 84                 | 19   | * 87        | * 24                  | * |
| PH           | * 6.7                | 22   | * 6.5                | 7    | * 6.6       | * 24                  | * |
| D.O. %SAT.   | * 79.1               | 0    | * 74.4               | 10   | * 76.4      | * 24                  | * |
| TEMPERATURE  | * 16.9               | 14   | * 14.5               | 4    | * 15.6      | * 24                  | * |
| D.O. P.P.M.  | * 7.7                | 0    | * 7.6                | 10   | * 7.6       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 19 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 86                 | 10   | * 77                 | 2    | * 82        | * 24                  | * |
| PH           | * 6.6                | 0    | * 6.5                | 11   | * 6.6       | * 24                  | * |
| D.O. %SAT.   | * 82.9               | 1    | * 79.1               | 0    | * 81.5      | * 24                  | * |
| TEMPERATURE  | * 16                 | 15   | * 12.4               | 23   | * 14.6      | * 24                  | * |
| D.O. P.P.M.  | * 8.2                | 1    | * 6.4                | 0    | * 8.3       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 20 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 83                 | 1    | * 77                 | 2    | * 81        | * 10                  | * |
| PH           | * 6.6                | 0    | * 6.6                | 0    | * 6.6       | * 10                  | * |
| D.O. %SAT.   | * 85.4               | 0    | * 82.9               | 2    | * 83.3      | * 24                  | * |
| TEMPERATURE  | * 13.1               | 1    | * 10.2               | 8    | * 11.3      | * 14                  | * |
| D.O. P.P.M.  | * 9                  | 0    | * 9.3                | 2    | * 9.1       | * 24                  | * |

READ LOG AT LINE 9500

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 21 SEP 82

### SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
| * VALUE      | HOUR      | * VALUE   | HOUR   | * SAMPLES |
| CONDUCTIVITY | * ???     | ??        | * ???  | * ??      |
| PH           | * ???     | ??        | * ???  | * ??      |
| D.O. %SAT.   | * 85.4    | 8         | * 82.9 | 0         |
| TEMPERATURE  | * ???     | ??        | * ???  | * ??      |
| D.O. P.P.M.  | * 9.6     | 8         | * 6.4  | 0         |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 22 SEP 82

### SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
| * VALUE      | HOUR      | * VALUE   | HOUR   | * SAMPLES |
| CONDUCTIVITY | * 80.4    | 12        | * 70.8 | 17        |
| PH           | * 6.9     | 16        | * 6.7  | 13        |
| D.O. %SAT.   | * 85.4    | 0         | * 82.9 | 2         |
| TEMPERATURE  | * 15.2    | 19        | * 13.2 | 12        |
| D.O. P.P.M.  | * 8.6     | 0         | * 8.7  | 2         |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 23 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 76.8               | 1    | * 74.4               | 0    | * 76        | * 24                  | * |
| PH           | * 6.9                | 0    | * 6.9                | 0    | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * 85.4               | 8    | * 82.9               | 0    | * 83.1      | * 24                  | * |
| TEMPERATURE  | * 16.2               | 19   | * 13.2               | 5    | * 14.5      | * 24                  | * |
| D.O. P.P.M.  | * 8.4                | 8    | * 8.7                | 0    | * 8.5       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 24 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 86.4               | 22   | * 75.6               | 17   | * 80        | * 24                  | * |
| PH           | * 6.9                | 0    | * 6.9                | 0    | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * 85.4               | 0    | * 82.9               | 2    | * 83.3      | * 24                  | * |
| TEMPERATURE  | * 17.8               | 20   | * 14.4               | 7    | * 15.6      | * 24                  | * |
| D.O. P.P.M.  | * 8.2                | 0    | * 8.5                | 2    | * 8.3       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 25 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 103                | 11   | * 91.2               | 0    | * 97        | * 24                  | * |
| PH           | * 6.9                | 0    | * 6.9                | 0    | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * 85.4               | 8    | * 82.9               | 0    | * 83.1      | * 24                  | * |
| TEMPERATURE  | * 15.9               | 0    | * 13.1               | 9    | * 14.4      | * 24                  | * |
| D.O. P.P.M.  | * 8.5                | 8    | * 8.7                | 0    | * 8.5       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 26 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 109                | 6    | * 96                 | 17   | * 104       | * 24                  | * |
| PH           | * 6.9                | 0    | * 6.9                | 0    | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * 85.4               | 0    | * 82.9               | 2    | * 83.3      | * 24                  | * |
| TEMPERATURE  | * 17.1               | 20   | * 13.2               | 6    | * 14.6      | * 24                  | * |
| D.O. P.P.M.  | * 8.3                | 0    | * 8.7                | 2    | * 8.5       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 27 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 115                | 19   | * 105                | 16   | * 111       | * 24                  | * |
| PH           | * 7                  | 12   | * 6.9                | 0    | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * 85.4               | 8    | * 82.9               | 0    | * 83.1      | * 24                  | * |
| TEMPERATURE  | * 15.9               | 0    | * 13.8               | 9    | * 14.8      | * 24                  | * |
| D.O. P.P.M.  | * 8.5                | 8    | * 8.6                | 0    | * 8.4       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 28 SEP 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 120                | 23   | * 108                | 1    | * 114       | * 24                  | * |
| PH           | * 7                  | 0    | * 6.9                | 20   | * 7.0       | * 24                  | * |
| D.O. %SAT.   | * 85.4               | 0    | * 82.9               | 2    | * 83.3      | * 24                  | * |
| TEMPERATURE  | * 15.6               | 15   | * 14.4               | 23   | * 15.0      | * 24                  | * |
| D.O. P.P.M.  | * 8.5                | 0    | * 8.5                | 2    | * 8.4       | * 24                  | * |

## WATER QUALITY BRANCH (MONCTON)

DATE OF REPORT: 29 SEP 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |
| CONDUCTIVITY | * 124     | * 120     | * 121  | * 24      |
| PH           | * 6.9     | * 6.9     | * 6.9  | * 24      |
| D.O. %SAT.   | * ???     | * ???     | * ???  | * ??      |
| TEMPERATURE  | * 15.6    | * 10.2    | * 12.8 | * 22      |
| D.O. P.P.M.  | * 5       | * 1.7     | * 0    | * ??      |

## WATER QUALITY BRANCH (MONCTON)

DATE OF REPORT: 30 SEP 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |
| CONDUCTIVITY | * 128     | * 115     | * 122  | * 20      |
| PH           | * 7       | * 6.9     | * 6.9  | * 20      |
| D.O. %SAT.   | * ???     | * ???     | * ???  | * ??      |
| TEMPERATURE  | * 17.1    | * 12      | * 13.6 | * 20      |
| D.O. P.P.M.  | * 4.8     | * 1.4     | * 0    | * ??      |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 1 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |        |      |
|--------------|-----------|-----------|--------|----------|--------|------|
| * VALUE      | HOUR      | VALUE     | HOUR   | SAMPLES  |        |      |
| CONDUCTIVITY | * 120     | 4         | * 114  | 14       | * 116  | * 23 |
| PH           | * 7       | 1         | * 7    | 1        | * 7.0  | * 23 |
| D.O. %SAT.   | * ???     | ??        | * ???  | ??       | * ???  | * ?? |
| TEMPERATURE  | * 16.2    | 1         | * 15   | 9        | * 15.7 | * 23 |
| D.O. P.P.M.  | * ???     | ???       | * ???  | ???      | * ???  | * ?? |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 2 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |        |      |
|--------------|-----------|-----------|--------|----------|--------|------|
| * VALUE      | HOUR      | VALUE     | HOUR   | SAMPLES  |        |      |
| CONDUCTIVITY | * 118     | 3         | * 115  | 0        | * 116  | * 24 |
| PH           | * 7       | 0         | * 7    | 0        | * 7.0  | * 24 |
| D.O. %SAT.   | * ???     | ??        | * ???  | ??       | * ???  | * ?? |
| TEMPERATURE  | * 15.4    | 19        | * 13.2 | 8        | * 14.2 | * 24 |
| D.O. P.P.M.  | * ???     | ???       | * ???  | ???      | * ???  | * ?? |

## ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 3 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |
|              | HOUR      | HOUR      |        |           |
| CONDUCTIVITY | * 115     | * 102     | * 110  | * 24      |
|              | 0         | 17        |        |           |
| PH           | * 7       | * 7       | * 7.0  | * 24      |
|              | 0         | 0         |        |           |
| D.O. %SAT.   | * ???     | * ???     | * ???  | * ??      |
|              | ??        | ??        |        |           |
| TEMPERATURE  | * 15      | * 9.9     | * 12.1 | * 24      |
|              | 19        | 9         |        |           |
| D.O. P.P.M.  | * ???     | * ???     | * ???  | * ??      |
|              | ???       | ???       |        |           |

## ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 4 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |
|              | HOUR      | HOUR      |        |           |
| CONDUCTIVITY | * 108     | * 91.2    | * 101  | * 24      |
|              | 8         | 19        |        |           |
| PH           | * 7       | * 7       | * 7.0  | * 24      |
|              | 0         | 0         |        |           |
| D.O. %SAT.   | * ???     | * ???     | * ???  | * ??      |
|              | ??        | ??        |        |           |
| TEMPERATURE  | * 15.9    | * 12.8    | * 13.9 | * 24      |
|              | 19        | 9         |        |           |
| D.O. P.P.M.  | * ???     | * ???     | * ???  | * ??      |
|              | ???       | ???       |        |           |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 5 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |        |      |
|--------------|-----------|-----------|--------|-----------|--------|------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |        |      |
|              |           | HOUR      | HOUR   |           |        |      |
| CONDUCTIVITY | * 110     | 7         | * 92.4 | 19        | * 104  | * 24 |
| PH           | * 7       | 0         | * 6.9  | 5         | * 7.0  | * 24 |
| D.O. %SAT.   | * ???     | ??        | * ???  | ??        | * ???  | * ?? |
| TEMPERATURE  | * 14.8    | 20        | * 9.3  | 10        | * 11.9 | * 24 |
| D.O. P.P.M.  | * ???     | ???       | * ???  | ???       | * ???  | * ?? |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 6 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |        |      |
|--------------|-----------|-----------|--------|-----------|--------|------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |        |      |
|              |           | HOUR      | HOUR   |           |        |      |
| CONDUCTIVITY | * 100     | 0         | * 79.2 | 22        | * 92   | * 24 |
| PH           | * 7       | 0         | * 6.9  | 21        | * 7.0  | * 24 |
| D.O. %SAT.   | * ???     | ??        | * ???  | ??        | * ???  | * ?? |
| TEMPERATURE  | * 16.2    | 19        | * 11.4 | 6         | * 13.2 | * 24 |
| D.O. P.P.M.  | * ???     | ???       | * ???  | ???       | * ???  | * ?? |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 7 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |        |      |
|--------------|-----------|-----------|--------|----------|--------|------|
| * VALUE      | HOUR      | VALUE     | HOUR   | SAMPLES  |        |      |
| CONDUCTIVITY | * 102     | 10        | * 87.6 | 0        | * 96   | * 24 |
| PH           | * 6.9     | 0         | * 6.9  | 0        | * 6.9  | * 24 |
| D.O. %SAT.   | * ???     | ??        | * ???  | ??       | * ???  | * ?? |
| TEMPERATURE  | * 14      | 0         | * 9.2  | 11       | * 11.8 | * 24 |
| D.O. P.P.M.  | * ???     | ???       | * ???  | ???      | * ???  | * ?? |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 8 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF |        |      |
|--------------|-----------|-----------|--------|----------|--------|------|
| * VALUE      | HOUR      | VALUE     | HOUR   | SAMPLES  |        |      |
| CONDUCTIVITY | * 98.4    | 3         | * 96   | 1        | * 97   | * 24 |
| PH           | * 6.9     | 0         | * 6.8  | 1        | * 6.8  | * 24 |
| D.O. %SAT.   | * ???     | ??        | * ???  | ??       | * ???  | * ?? |
| TEMPERATURE  | * 11.4    | 19        | * 9.6  | 4        | * 10.3 | * 24 |
| D.O. P.P.M.  | * ???     | ???       | * ???  | ???      | * ???  | * ?? |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 9 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 105                | 22   | * 98.4               | 0    | * 99        | * 24                  | * |
| PH           | * 6.9                | 1    | * 6.7                | 22   | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * ???                | ??   | * ???                | ??   | * ???       | * ??                  | * |
| TEMPERATURE  | * 12.3               | 19   | * 9.6                | 9    | * 10.6      | * 24                  | * |
| D.O. P.P.M.  | * ???                | ???  | * ???                | ???  | * ???       | * ??                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 10 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 110                | 9    | * 96                 | 18   | * 104       | * 24                  | * |
| PH           | * 6.9                | 6    | * 6.7                | 0    | * 6.8       | * 24                  | * |
| D.O. %SAT.   | * ???                | ??   | * ???                | ??   | * ???       | * ??                  | * |
| TEMPERATURE  | * 12.6               | 19   | * 6.2                | 10   | * 9.1       | * 24                  | * |
| D.O. P.P.M.  | * ???                | ???  | * ???                | ???  | * ???       | * ??                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 11 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 111                | 23   | * 97.2               | 17   | * 105       | * 24                  | * |
| PH           | * 6.9                | 0    | * 6.9                | 0    | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * ???                | ??   | * ???                | ??   | * ???       | * ??                  | * |
| TEMPERATURE  | * 12.6               | 19   | * 6                  | 9    | * 8.9       | * 24                  | * |
| D.O. P.P.M.  | * ???                | ???  | * ???                | ???  | * ???       | * ??                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 12 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 117                | 9    | * 100                | 17   | * 109       | * 24                  | * |
| PH           | * 6.9                | 0    | * 6.8                | 10   | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * ???                | ??   | * ???                | ??   | * ???       | * ??                  | * |
| TEMPERATURE  | * 13.2               | 18   | * 6                  | 8    | * 9.0       | * 24                  | * |
| D.O. P.P.M.  | * ???                | ???  | * ???                | ???  | * ???       | * ??                  | * |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 13 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |       |      |   |
|--------------|-----------|-----------|--------|-----------|-------|------|---|
|              | * VALUE   | * VALUE   |        | * SAMPLES |       |      |   |
|              |           | HOUR      | HOUR   |           |       |      |   |
| CONDUCTIVITY | * 103     | 5         | * 93.6 | 22        | * 98  | * 24 | * |
| PH           | * 6.9     | 0         | * 6.9  | 0         | * 6.9 | * 24 | * |
| D.O. %SAT.   | * ???     | ??        | * ???  | ??        | * ??? | * ?? | * |
| TEMPERATURE  | * 11.1    | 0         | * 8.4  | 11        | * 9.9 | * 24 | * |
| D.O. P.P.M.  | * ???     | ???       | * ???  | ???       | * ??? | * ?? | * |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 14 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |        |      |   |
|--------------|-----------|-----------|--------|-----------|--------|------|---|
|              | * VALUE   | * VALUE   |        | * SAMPLES |        |      |   |
|              |           | HOUR      | HOUR   |           |        |      |   |
| CONDUCTIVITY | * 93.6    | 0         | * 86.4 | 1         | * 90   | * 24 | * |
| PH           | * 7       | 0         | * 6.9  | 1         | * 6.9  | * 24 | * |
| D.O. %SAT.   | * 94      | 11        | * 87.6 | 22        | * 90.7 | * 13 | * |
| TEMPERATURE  | * 11.2    | 9         | * 9    | 23        | * 10.3 | * 24 | * |
| D.O. P.P.M.  | * 10.3    | 11        | * 10.1 | 22        | * 10.1 | * 13 | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 15 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 91.2               | 0    | * 91.2               | 0    | * 91        | * 24                  | * |
| PH           | * 7                  | 1    | * 6.9                | 0    | * 7.0       | * 24                  | * |
| D.O. %SAT.   | * 88.3               | 0    | * 79.8               | 13   | * 83.7      | * 24                  | * |
| TEMPERATURE  | * 8.8                | 0    | * 8                  | 9    | * 8.3       | * 24                  | * |
| D.O. P.P.M.  | * 10.2               | 0    | * 9.4                | 13   | * 9.8       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 16 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 98.4               | 4    | * 91.2               | 0    | * 97        | * 24                  | * |
| PH           | * 7                  | 0    | * 6.9                | 21   | * 7.0       | * 24                  | * |
| D.O. %SAT.   | * 81.9               | 0    | * 78.3               | 23   | * 79.5      | * 24                  | * |
| TEMPERATURE  | * 8.2                | 0    | * 7.2                | 9    | * 7.6       | * 24                  | * |
| D.O. P.P.M.  | * 9.6                | 0    | * 9.4                | 23   | * 9.4       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 17 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 110                | 15   | * 96                 | 0    | * 104       | * 24                  | * |
| PH           | * 7                  | 1    | * 6.9                | 0    | * 7.0       | * 23                  | * |
| D.O. %SAT.   | * 80.2               | 13   | * 77.8               | 18   | * 78.4      | * 24                  | * |
| TEMPERATURE  | * 7.8                | 18   | * 6.6                | 10   | * 7.3       | * 24                  | * |
| D.O. P.P.M.  | * 9.5                | 13   | * 9.4                | 18   | * 9.4       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 18 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 115                | 23   | * 105                | 0    | * 108       | * 24                  | * |
| PH           | * 7                  | 0    | * 6.9                | 10   | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * 77.8               | 0    | * 69.3               | 15   | * 73.2      | * 24                  | * |
| TEMPERATURE  | * 9                  | 20   | * 6.6                | 9    | * 7.6       | * 24                  | * |
| D.O. P.P.M.  | * 8.9                | 0    | * 8.4                | 15   | * 8.7       | * 24                  | * |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 19 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |        |      |   |
|--------------|-----------|-----------|--------|-----------|--------|------|---|
|              | * VALUE   | * VALUE   |        | * SAMPLES |        |      |   |
|              |           | HOUR      | HOUR   |           |        |      |   |
| CONDUCTIVITY | * 120     | 2         | * 103  | 15        | * 113  | * 24 | * |
| PH           | * 6.9     | 0         | * 6.9  | 0         | * 6.9  | * 24 | * |
| D.O. %SAT.   | * 70.1    | 1         | * 64.3 | 5         | * 66.8 | * 24 | * |
| TEMPERATURE  | * 10.1    | 18        | * 6.5  | 5         | * 7.9  | * 24 | * |
| D.O. P.P.M.  | * 7.8     | 1         | * 7.8  | 5         | * 7.9  | * 24 | * |

## ENVIRONMENT CANADA

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## WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 20 OCT 82

## SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |        |      |   |
|--------------|-----------|-----------|--------|-----------|--------|------|---|
|              | * VALUE   | * VALUE   |        | * SAMPLES |        |      |   |
|              |           | HOUR      | HOUR   |           |        |      |   |
| CONDUCTIVITY | * 110     | 10        | * 91.2 | 18        | * 101  | * 24 | * |
| PH           | * 6.9     | 0         | * 6.9  | 0         | * 6.9  | * 24 | * |
| D.O. %SAT.   | * 74.7    | 23        | * 68.8 | 0         | * 72.5 | * 24 | * |
| TEMPERATURE  | * 11.6    | 19        | * 7.8  | 11        | * 9.5  | * 24 | * |
| D.O. P.P.M.  | * 8.1     | 23        | * 8.1  | 0         | * 8.2  | * 24 | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 21 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 110                | 23   | * 96                 | 0    | * 104       | * 24                  | * |
| PH           | * 6.9                | 0    | * 6.9                | 0    | * 6.9       | * 23                  | * |
| D.O. %SAT.   | * 78                 | 14   | * 74.5               | 22   | * 75.6      | * 24                  | * |
| TEMPERATURE  | * 10.4               | 0    | * 7.8                | 22   | * 9.3       | * 24                  | * |
| D.O. P.P.M.  | * 8.7                | 14   | * 8.8                | 22   | * 8.6       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 22 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM<br>* VALUE | HOUR | * MINIMUM<br>* VALUE | HOUR | * MEAN<br>* | * NO. OF<br>* SAMPLES | * |
|--------------|----------------------|------|----------------------|------|-------------|-----------------------|---|
| CONDUCTIVITY | * 139                | 23   | * 110                | 0    | * 117       | * 24                  | * |
| PH           | * 6.9                | 0    | * 6.9                | 0    | * 6.9       | * 24                  | * |
| D.O. %SAT.   | * 76.3               | 0    | * 68.7               | 19   | * 71.9      | * 24                  | * |
| TEMPERATURE  | * 8.6                | 0    | * 6.6                | 23   | * 7.7       | * 24                  | * |
| D.O. P.P.M.  | * 8.8                | 0    | * 8.3                | 19   | * 8.5       | * 24                  | * |

ENVIRONMENT CANADA

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WATER QUALITY BRANCH (MONCTON)

STATION #9--ST. JOHN RIVER AT GRAND FALLS

DATE OF REPORT: 23 OCT 82

SUMMARY REPORT

| PARAMETER    | * MAXIMUM | * MINIMUM | * MEAN | * NO. OF  |
|--------------|-----------|-----------|--------|-----------|
|              | * VALUE   | * VALUE   |        | * SAMPLES |
|              | HOUR      | HOUR      |        |           |
| CONDUCTIVITY | * 139     | * 139     | * 139  | * 2       |
|              | 0         | 0         |        |           |
| PH           | * 6.9     | * 6.9     | * 6.9  | * 1       |
|              | 0         | 0         |        |           |
| D.O. %SAT.   | * 70.5    | * 68.7    | * 69.3 | * 13      |
|              | 0         | 1         |        |           |
| TEMPERATURE  | * 6.4     | * 4.6     | * 5.2  | * 13      |
|              | 1         | 9         |        |           |
| D.O. P.P.M.  | * 8.6     | * 8.8     | * 8.7  | * 13      |
|              | 0         | 1         |        |           |

NO DATA FOR 24 OCT