

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MAJOR (SUB 01)
F - FINAL
EFFLUENT

Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98

PERMITTEE NAME/ADDRESS/Include Facility name/Location if different)

NAME: JUNEAU, CITY AND BOROUGH OF
ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99801
ATT: Tom Trago WW Utilities Superintendent

AK-002295-1
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD
YR. 2010 MO 8 DAY 1 TO 2010 MO 8 DAY 28

*** NO DISCHARGE
NOTE: Read Instructions before completing this form.

| PARAMETER | QUANTITY OR LOADING | | QUALITY OR CONCENTRATION | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|-----------------------------|---------------------|-------|--------------------------|--------------------|--------|-----------------------|-------------|
| | VALUE | UNITS | VALUE | UNITS | | | |
| Turbidity | MEASUREMENT | ***** | ***** | 15.2 | 0 | | |
| 00070 1 0 Effluent Gross | PERMIT REQUIREMENT | ***** | ***** | Req. Mon. DAILY MX | | Continuous | RCOORD |
| Oxygen, dissolved (DO) | MEASUREMENT | ***** | ***** | 3.4 | 0 | | |
| 00300 1 0 Effluent Gross | PERMIT REQUIREMENT | ***** | ***** | Req. Mon. DAILY MN | | Once Per Month | GRAB |
| BOD, 5-Day, 20 deg. C | MEASUREMENT | 268.8 | 320.5 | 17.5 | 0 | | |
| 00310 1 0 Effluent Gross | PERMIT REQUIREMENT | 1226 | 2452 | 30 | | Twice Per Month | COMP24 |
| BOD, 5-Day, 20 deg. C | MEASUREMENT | 320.5 | ***** | 21.0 | 0 | | |
| 00310 W 0 See Comments | PERMIT REQUIREMENT | 1829 | ***** | 45 | | Twice Per Month | COMP24 |
| pH | MEASUREMENT | ***** | ***** | 6.6 | 0 | | |
| 00400 1 0 Effluent Gross | PERMIT REQUIREMENT | ***** | ***** | 6.3 | | Weekdays | GRAB |
| Alkalinity, total (asCaCo3) | MEASUREMENT | ***** | ***** | INST MIN | | | |
| 00410 1 7 Effluent Gross | PERMIT REQUIREMENT | ***** | ***** | Req. Mon. DAILY MX | | Quarterly | COMP24 |
| Solids, total suspended | MEASUREMENT | 238 | 275 | 15.5 | 0 | | |
| 00530 1 0 Effluent Gross | PERMIT REQUIREMENT | 1226 | 2452 | 30 | | Twice Per Month | COMP24 |

Nathan D. McCombs
 Digitally signed by Nathan D. McCombs
 DN: cn=Nathan D. McCombs, o=City of Juneau, ou=City Public Utilities, email=nathan_mccombs@juneauak.us, c=US
 Date: 2010.09.09 14:16:50 -0800

TELEPHONE: 907 586-0393
 AREA CODE: 907
 PHONE NUMBER: 586-0393
 DATE: 2010 9 9 10
 YEAR MO DAY

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Nathan D. McCombs
 Wastewater Utilities Superintendent

TYPED OR PRINTED
 NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Tom Trago
 Wastewater Utilities Superintendent

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 * Concentrating violations-please see attached. The reporting period was from 08/03/2010 through 09/28/2010.
 EPA Form 3520-1 (03-99) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MAJOR (SUB 01)
OMB No. 2040-0004
Approval Expires 05-31-98

Form Approved.
*** NO DISCHARGE ***

PERMITTEE NAME/ADDRESS/Include Facility name/Location if different

NAME: JUNEAU, CITY AND BOROUGH OF
ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99801
ATTN: Tom Tregoe WW Utilities Superintendent

AK-002295-1
PERMIT NUMBER

001 A
DISCHARGE NUMBER

NOTE: Read instructions before completing this form.

| MONITORING PERIOD | | YEAR | | MO | | DAY | |
|-------------------|----|------|------|----|-----|-----|----|
| YR | MO | DAY | YR | MO | DAY | YR | MO |
| 2010 | 8 | 1 | 2010 | 8 | 28 | | |

| PARAMETER | QUANTITY OR LOADING | | | UNITS | QUALITY OR CONCENTRATION | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--------------------------------|---------------------|--------------------|-------|------------------|--------------------------|-------|-------|--------|-----------------------|-------------|
| | VALUE | VALUE | UNITS | | VALUE | VALUE | UNITS | | | |
| Solids, total suspended | 275 | ***** | (26) | 18.0 | ***** | (19) | 0 | | | |
| 00530 W 0 | 1829 | ***** | b/d | 45 | ***** | 19 | | | Twice Per Month | COMP24 |
| See Comments | 215 | ***** | (26) | 14.0 | ***** | (19) | 0 | | | |
| Nitrogen, ammonia total (as N) | 1164 | 1963 | b/d | 28.5 | ***** | mg/L | 0 | | Once Per Month | COMP24 |
| 00610 1 0 | ***** | ***** | ***** | 63.5 | ***** | (19) | 0 | | | |
| Effluent Gross | ***** | ***** | ***** | Req. Mon. MO AVG | Req. Mon. DAILY MX | mg/L | 0 | | Twice Per Month | GRAB |
| Hardness, total (as CaCO3) | N/A | N/A | (26) | N/A | N/A | (28) | 0 | | | |
| 00900 1 6 | ***** | ***** | ***** | Req. Mon. MO AVG | Req. Mon. DAILY MX | mg/L | 0 | | | |
| Effluent Gross | N/A | N/A | (26) | N/A | N/A | (28) | 0 | | | |
| Silver, total recoverable | Req. Mon. MO AVG | Req. Mon. DAILY MX | b/d | Req. Mon. MO AVG | Req. Mon. DAILY MX | ug/L | 0 | | Three Per Year | COMP24 |
| 01079 1 0 | N/A | N/A | (26) | N/A | N/A | (28) | 0 | | | |
| Effluent Gross | Req. Mon. MO AVG | Req. Mon. DAILY MX | b/d | Req. Mon. MO AVG | Req. Mon. DAILY MX | ug/L | 0 | | Three Per Year | COMP24 |
| Zinc, total recoverable | N/A | N/A | (26) | N/A | N/A | (28) | 0 | | | |
| 01094 1 0 | Req. Mon. MO AVG | Req. Mon. DAILY MX | b/d | Req. Mon. MO AVG | Req. Mon. DAILY MX | ug/L | 0 | | | |
| Effluent Gross | N/A | N/A | (26) | N/A | N/A | (28) | 0 | | | |
| Lead, total recoverable | Req. Mon. MO AVG | Req. Mon. DAILY MX | b/d | Req. Mon. MO AVG | Req. Mon. DAILY MX | ug/L | 0 | | | |
| 01114 1 0 | 0.25 | 0.32 | (26) | 15.0 | ***** | (28) | 0 | | | |
| Effluent Gross | 1.82 | 3.92 | b/d | 44.5 | ***** | 28 | 0 | | Three Per Year | COMP24 |
| Copper, total recoverable | 1.82 | 3.92 | (26) | MO AVG | DAILY MX | ug/L | 0 | | Twice Per Month | COMP24 |
| 01119 1 0 | ***** | ***** | b/d | ***** | ***** | (28) | 0 | | | |
| Effluent Gross | ***** | ***** | b/d | ***** | ***** | (28) | 0 | | | |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Tom Tregoe
Wastewater Utilities Superintendent

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to ensure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.
D= <15>1, P= >15.1 and <30>1, R= >30.1 (O, P, and R used Nov 1-May 31 & T, Jun 1-Oct 31, Q, and S are never used *no chlorine*)

Digitally signed by Nathan D. McCombs
DN: cn=Nathan D. McCombs, ou=CJL, ou=CJL Public Utilities, email=nathan_mccombs@cpl.juneau.ak.us, c=US
Date: 2010.09.09 14:17:08 -0800

Nathan D. McCombs
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

2010 9 10
YEAR MO DAY

907 586-8393
AREA CODE PHONE NUMBER

TELEPHONE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MAJOR (SUB 01)
F - FINAL
EFFLUENT
*** NO DISCHARGE ***

Form Approved.
OMB No. 2040-0004
Approval Expires 05-31-98

PERMITTEE NAME/ADDRESS (Include Facility name/Location if different)

NAME: JUNEAU, CITY AND BOROUGH OF
ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99801
ATT: Tom Tregg WW Utilities Superintendent

PERMIT NUMBER: AK-002295-1
DISCHARGE NUMBER: 001 A

| MONITORING PERIOD | | | |
|-------------------|----|-----|----|
| YR | MO | DAY | TO |
| 2010 | 8 | 1 | |
| YR | MO | DAY | TO |
| 2010 | 8 | 8 | 28 |

| PARAMETER | QUANTITY OR LOADING | | | UNITS | QUALITY OR CONCENTRATION | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|---------------------|-------|-------|-------|--------------------------|--------------------|-------|--------|-----------------------|-------------|
| | VALUE | VALUE | VALUE | | VALUE | VALUE | UNITS | | | |
| Coliform, fecal - % sample exceeds limit | ***** | ***** | ***** | **** | ***** | ***** | 0 | 0 | | |
| 30500 O 0 See Comments | ***** | ***** | ***** | **** | ***** | DAILY MX | 10 | 0 | Twice Every Week | GRAB |
| Fecal coliform, MPN, EC med, 44.5 C | ***** | ***** | ***** | **** | N/A | N/A | N/A | 0 | | |
| 31615 O 0 See Comments | ***** | ***** | ***** | **** | ***** | Req. Mon. DAILY MX | 161 | 0 | Twice Every Week | GRAB |
| Fecal coliform, MPN, EC med, 44.5 C | ***** | ***** | ***** | **** | N/A | N/A | N/A | 0 | | |
| 31615 P 0 See Comments | ***** | ***** | ***** | **** | ***** | MO GEO DAILY MX | 200 | 0 | Twice Every Week | GRAB |
| Fecal coliform, MPN, EC med, 44.5 C | ***** | ***** | ***** | **** | N/A | N/A | N/A | 0 | | |
| 31615 Q 0 See Comments | ***** | ***** | ***** | **** | ***** | MO GEO DAILY MX | 200 | 0 | Twice Every Week | GRAB |
| Fecal coliform, MPN, EC med, 44.5 C | ***** | ***** | ***** | **** | N/A | N/A | N/A | 0 | | |
| 31615 R 0 See Comments | ***** | ***** | ***** | **** | ***** | MO GEO DAILY MX | 400 | 0 | Twice Every Week | GRAB |
| Floating solids or visible foam-visual | ***** | ***** | ***** | **** | N/A | N/A | N/A | 0 | | |
| 45613 1 0 Effluent Gross | ***** | ***** | ***** | **** | ***** | DAILY MX | 1700 | 0 | Once Per Month | VISUAL |
| Flow, in conduit or thru treatment plant | ***** | ***** | ***** | **** | ***** | DAILY MX | 0 | 0 | Twice Every Week | GRAB |
| 50050 1 0 Effluent Gross | ***** | ***** | ***** | **** | ***** | DAILY MX | 0 | 0 | Twice Every Week | GRAB |
| Flow, in conduit or thru treatment plant | ***** | ***** | ***** | **** | ***** | DAILY MX | 0 | 0 | Twice Every Week | GRAB |
| 50050 1 0 Effluent Gross | ***** | ***** | ***** | **** | ***** | DAILY MX | 0 | 0 | Twice Every Week | GRAB |
| Flow, in conduit or thru treatment plant | ***** | ***** | ***** | **** | ***** | DAILY MX | 0 | 0 | Twice Every Week | GRAB |

Nathan D. McCombs
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Digitally signed by Nathan D. McCombs
DN: cn=Nathan D. McCombs, o=CBI,
ou=CBI Public Utilities,
email=nathan_mccombs@cbi.juneauak.us, c=US
Date: 2010.09.09 14:17:32 -0600

TELEPHONE: 907 586-0393
AREA CODE: 907
PHONE NUMBER: 586-0393
DATE: 2010 9 9
MO: 9
DAY: 10

COMMENT AND EXPLANATION OF ANY VIOLATIONS: O = <15:1>P = >15:1 and <30:1, R = >30:1 (O,P and R used Nov 1-May 31 & T Jun 1-Oct 31, Q and S are never used "no chlorine")
EPA Form 3320-1 (03-99) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MAJOR (SUB 01)
F - FINAL
EFFLUENT
*** NO DISCHARGE
NOTE: Read instructions before completing this form.

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NAME: JUNEAU, CITY AND BOROUGH OF
ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99801
ATT: Tom Trego WW Utilities Superintendent

AK-002295-1
PERMIT NUMBER

001 A
DISCHARGE NUMBER

| MONITORING PERIOD | | | |
|-------------------|----|-----|----|
| YR | MO | DAY | TO |
| 2010 | 8 | 1 | |
| YR | MO | DAY | TO |
| 2010 | 8 | 8 | 28 |

| PARAMETER | QUANTITY OR LOADING | | QUALITY OR CONCENTRATION | | UNITS | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|---------------------|-------|--------------------------|-------------|-------|--------|-----------------------|-------------|
| | VALUE | UNITS | VALUE | UNITS | | | | |
| Chlorine, total residual | ***** | (26) | N/A | (28) | ***** | 0 | | |
| 50060 S 0 | 4.09 | lb/d | 100 | ug/l | ***** | 0 | QUARTERLY | COMP24 |
| See Comments | MO AVG | | MO AVG | | ***** | 0 | | |
| Dilution factor | ***** | **** | ***** | ug/L | ***** | 0 | | |
| 80093 1 0 | ***** | **** | Req. Mon. | | ***** | 0 | DAILY | MEASRD |
| Effluent Gross | ***** | **** | DAILY MN | | ***** | 0 | | |
| BOD, 5-day, percent removal | ***** | **** | 95.4 | (23) | ***** | 0 | | |
| 81010 K 0 | ***** | **** | 85 | 23 | ***** | 0 | Once Per Month | CALCTD |
| Percent Removal | ***** | **** | MIN % RMV | % | ***** | 0 | | |
| Solids, suspended percent removal | ***** | **** | 93.9 | (23) | ***** | 0 | | |
| 81011 K 0 0 | ***** | **** | 85 | 23 | ***** | 0 | Once Per Month | CALCTD |
| Percent Removal | ***** | **** | MIN % RMV | % | ***** | 0 | | |
| Chlorine usage | N/A | (26) | ***** | | ***** | 0 | | |
| 81400 X 0 | Req. Mon. | | ***** | | ***** | 0 | DAILY | MEASRD |
| End of Chlorine Contact Chamber | MO AVG | | ***** | | ***** | 0 | | |
| Oil and grease visual | ***** | **** | ***** | (93) | ***** | 0 | | |
| 84066 1 0 | ***** | **** | 0 | | ***** | 0 | Once Per Month | VISUAL |
| Effluent Gross | ***** | **** | Req. Mon. | | ***** | 0 | | |
| Toxicity, Chronic | ***** | **** | DAILY MX | occur/mo | ***** | 0 | | |
| TT000 1 8 | ***** | **** | N/A | (26) | ***** | 0 | | |
| Effluent Gross | ***** | **** | Req. Mon. | tax chronic | ***** | 0 | Semiannual | COMP24 |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | ***** | **** | ***** | | ***** | 0 | | |

Nathan D. McCombs
 Digitally signed by Nathan D. McCombs
 DN: cn=Nathan D. McCombs, o=CBI, ou=CBI Public Utilities, email=nathan_d_mccombs@cbl-juneau.ak.us, c=US
 Date: 2010.09.09 14:17:51 -0600

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 YEAR: 2010 MO: 9 DAY: 10
 TELEPHONE: 907 594-3393
 AREA CODE: PHONE NUMBER: DATE:
 COMMENT AND EXPLANATION OF ANY VIOLATIONS (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED).
 #REF!
 TYPED OR PRINTED
 I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation:
 O = <1.5, 1.P = >1.5:1 and <30:1, R = >30:1 (O,P and R used Nov 1-May 31 & 1 Jun 1-Oct 31, Q and S are never used "no chlorine")

MENDENHALL WASTEWATER TREATMENT FACILITY
Juneau, Alaska

EPA REPORT

August 2010

| DAY | DATE | FLOWS | | | | | INFLUENT | | | | | EFFLUENT | | | | | FECAL COLIFORM /100 ML | | | | | | | | |
|---------|------|------------------|------------------|------------------|-------------------------|---------------|----------|-----|-----------|-----------|-------------|------------|---------|--------|-----------|---------|------------------------|------|-----------|-----------------|----------|-------------|------------|-------|------|
| | | SBR INFLUENT MGD | Manad. River CFS | SBR PTL EFL. MGD | Receiving Water Divulca | SBR WASTE MGD | TEMP °C | pH | D.O. mg/L | S.S. mg/L | B.O.D. mg/L | B.O.D. LBS | Cu mg/L | Cu LBS | HARD mg/L | TEMP °C | | pH | D.O. mg/L | TURBID. MAX NTU | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | | |
| SUN | 1 | 2.13 | 2990 | 1.93 | 1002/1 | 0.1105 | 16.1 | 7.2 | 6.0 | | | | | | 17.7 | 7.0 | 6.2 | 7.2 | | | | | | | |
| MON | 2 | 2.05 | 2780 | 1.83 | 932/1 | 0.0889 | 17.1 | 7.2 | 5.8 | | | | | | 17.2 | 6.9 | 4.4 | 10.1 | | | | | | | |
| TUE | 3 | 1.97 | 3450 | 1.84 | 1212/1 | 0.0857 | 17.2 | 6.8 | 4.3 | | | | | | 15.7 | 7.1 | 4.9 | 15.2 | | | | | | | |
| WED | 4 | 1.99 | 3690 | 1.84 | 1293/1 | 0.0832 | 16.6 | 7.0 | 5.3 | 254 | 3877 | 420 | 6410 | 19.9 | 7.0 | 4.9 | 13.9 | 18.0 | 274.7 | 21.0 | 320.5 | 2.0 | | | |
| THU | 5 | 1.94 | 3620 | 1.83 | 1279/1 | 0.0844 | 16.6 | 7.0 | 5.3 | 254 | 3877 | 420 | 6410 | 19.9 | 7.0 | 4.9 | 13.9 | 18.0 | 274.7 | 21.0 | 320.5 | 2.0 | | | |
| FRI | 6 | 2.12 | 3790 | 1.92 | 1276/1 | 0.1235 | 14.9 | 6.8 | 5.3 | | | | | | 19.5 | 7.0 | 4.9 | 14.8 | | | | | | | |
| SAT | 7 | 2.10 | 2930 | 1.83 | 982/1 | 0.1227 | | | | | | | | | | | 9.9 | | | | | | | | |
| SUN | 8 | 2.05 | 3150 | 1.92 | 1061/1 | 0.0968 | | | | | | | | | | | 9.0 | | | | | | | | |
| MON | 9 | 2.05 | 3150 | 2.01 | 1013/1 | 0.0938 | 15.1 | 7.0 | 6.1 | | | | | | 16.7 | 6.8 | 5.1 | 7.3 | | | | | | | |
| TUE | 10 | 2.05 | 2650 | 1.94 | 893/1 | 0.0987 | 18.4 | 6.9 | 5.6 | | | | | | 17.3 | 6.7 | 4.8 | 7.2 | | | | | | | |
| WED | 11 | 1.99 | 3340 | 1.91 | 1131/1 | 0.0782 | 16.5 | 7.1 | 6.8 | | | | | | 17.7 | 6.8 | 4.1 | 7.6 | | | | | 17.0 | | |
| THU | 12 | 2.02 | 3490 | 1.96 | 1213/1 | 0.0824 | 16.7 | 7.7 | 6.6 | 254 | 3940 | 340 | 5274 | 11 | 0.18 | 63 | 19.9 | 6.9 | 5.1 | 8.4 | 13.0 | 201.7 | 14.0 | 217.2 | |
| FRI | 13 | 1.96 | 2870 | 1.89 | 982/1 | 0.0959 | 16.1 | 7.7 | 6.4 | | | | | | 19.7 | 6.6 | 5.3 | 8.2 | | | | | | | |
| SAT | 14 | 1.99 | 2640 | 1.77 | 865/1 | 0.1099 | | | | | | | | | | | 7.6 | | | | | | | | |
| SUN | 15 | 1.99 | 3000 | 1.85 | 1163/1 | 0.1037 | | | | | | | | | | | 7.4 | | | | | | | | |
| MON | 16 | 2.00 | 3920 | 1.98 | 1349/1 | 0.1090 | 17.7 | 6.9 | 4.7 | | | | | | 17.6 | 7.2 | 5.2 | 9.0 | | | | | | | |
| TUE | 17 | 1.97 | 3070 | 1.79 | 1109/1 | 0.0764 | 19.2 | 7.2 | 6.7 | | | | | | 18.2 | 6.9 | 5.9 | 7.8 | | | | | | | |
| WED | 18 | 2.14 | 4210 | 2.00 | 1361/1 | 0.0878 | 17.8 | 6.8 | 4.8 | | | | | | 16.7 | 7.2 | 6.1 | 8.8 | | | | | | | |
| THU | 19 | 2.08 | 5470 | 1.93 | 1832/1 | 0.1099 | 17.4 | 7.2 | 6.9 | | | | | | 17.3 | 6.9 | 4.4 | 10.3 | | | | | | 10 | |
| FRI | 20 | 2.06 | 4600 | 1.93 | 1541/1 | 0.0871 | 15.9 | 7.6 | 5.2 | | | | | | 17.9 | 7.0 | 4.1 | 9.2 | | | | | | | |
| SAT | 21 | 2.07 | 3300 | 1.87 | 1141/1 | 0.0964 | | | | | | | | | | | 6.0 | | | | | | | | |
| SUN | 22 | 2.06 | 2520 | 1.92 | 849/1 | 0.0798 | | | | | | | | | | | 7.9 | | | | | | | | |
| MON | 23 | 2.16 | 2410 | 2.00 | 779/1 | 0.0890 | 17.4 | 7.2 | 6.4 | | | | | | 18.4 | 6.9 | 5.2 | 7.6 | | | | | | | |
| TUE | 24 | 2.10 | 2410 | 2.00 | 779/1 | 0.0688 | 17.3 | 7.2 | 6.6 | | | | | | 18.0 | 7.1 | 7.0 | 9.7 | | | | | | | |
| WED | 25 | 2.13 | 2200 | 2.03 | 701/1 | 0.1086 | 16.5 | 6.8 | 5.4 | | | | | 18 | 0.32 | 64 | 18.1 | 6.8 | 4.5 | 11.1 | | | | 2.0 | |
| THU | 26 | 2.03 | 1840 | 1.94 | 614/1 | 0.0915 | 15.9 | 7.2 | 4.6 | | | | | | 19.3 | 6.7 | 4.0 | 10.8 | | | | | | | |
| FRI | 27 | 1.96 | 1730 | 1.84 | 609/1 | 0.0869 | 15.8 | 7.0 | 4.7 | | | | | | 17.3 | 6.7 | 3.4 | 9.0 | | | | | | | |
| SAT | 28 | 2.03 | 1290 | 1.89 | 432/1 | 0.1130 | | | | | | | | | | | 6.8 | | | | | | | | |
| TOTAL | | 57.21 | | 53.99 | | 2.6317 | | | | | | | | | | | | | | | | | | | |
| MAXIMUM | | 2.16 | 5470 | 2.03 | 1742/1 | 0.1236 | 19.2 | 7.7 | 6.9 | 254 | 3940 | 420 | 6410 | 18.0 | 0.317 | 64.0 | 19.9 | 7.2 | 7.0 | 15.2 | 18.0 | 274.7 | 21.0 | 320.5 | 17.0 |
| MINIMUM | | 1.94 | 1290 | 1.77 | 461/1 | 0.0688 | 14.9 | 6.8 | 4.3 | 254 | 3877 | 340 | 5274 | 11.0 | 0.178 | 63.0 | 15.7 | 6.6 | 3.4 | 6.2 | 13.0 | 201.7 | 14.0 | 217.2 | 2.0 |
| AVERAGE | | 2.04 | 3096 | 1.91 | 1051/1 | 0.0940 | 16.7 | 7.1 | 5.7 | 254 | 3908 | 390 | 5942 | 15.0 | 0.247 | 63.5 | 18.0 | 6.9 | 5.0 | 9.2 | 15.5 | 238.2 | 17.5 | 269.9 | 5.1 |

| WEEK | TEMP °C | pH | D.O. mg/L | S.S. mg/L | B.O.D. mg/L | Cu mg/L | Cu LBS | HARD mg/L | TEMP °C | pH | D.O. mg/L | TURBID. MAX NTU | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | FECAL COLIFORM /100 ML |
|------|---------|-----|-----------|-----------|-------------|---------|--------|-----------|---------|-----|-----------|-----------------|----------|-------------|------------|------------------------|
| 1 | 17.0 | 7.0 | 6.2 | | | | | | 17.7 | 7.0 | 6.2 | 7.2 | | | | |
| 2 | 15.7 | 7.1 | 4.9 | | | | | | 15.7 | 7.1 | 4.9 | 15.2 | | | | |
| 3 | 19.9 | 7.0 | 4.9 | 18.0 | 274.7 | 21.0 | 320.5 | | 19.9 | 7.0 | 4.9 | 13.9 | 18.0 | 274.7 | 21.0 | 320.5 |
| 4 | 19.5 | 7.0 | 4.9 | 14.8 | | | | | 19.5 | 7.0 | 4.9 | 14.8 | | | | |
| AVG | 17.5 | 6.8 | 5.3 | | | | | | 17.5 | 6.8 | 5.3 | 8.2 | | | | |
| MAX | 19.9 | 7.7 | 6.9 | 254 | 3940 | 420 | 6410 | 18.0 | 19.9 | 7.7 | 6.9 | 15.2 | 18.0 | 274.7 | 21.0 | 320.5 |

| WEEK | TEMP °C | pH | D.O. mg/L | S.S. mg/L | B.O.D. mg/L | Cu mg/L | Cu LBS | HARD mg/L | TEMP °C | pH | D.O. mg/L | TURBID. MAX NTU | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | FECAL COLIFORM /100 ML |
|------|---------|-----|-----------|-----------|-------------|---------|--------|-----------|---------|-----|-----------|-----------------|----------|-------------|------------|------------------------|
| 1 | 17.0 | 7.0 | 6.2 | | | | | | 17.7 | 7.0 | 6.2 | 7.2 | | | | |
| 2 | 15.7 | 7.1 | 4.9 | | | | | | 15.7 | 7.1 | 4.9 | 15.2 | | | | |
| 3 | 19.9 | 7.0 | 4.9 | 18.0 | 274.7 | 21.0 | 320.5 | | 19.9 | 7.0 | 4.9 | 13.9 | 18.0 | 274.7 | 21.0 | 320.5 |
| 4 | 19.5 | 7.0 | 4.9 | 14.8 | | | | | 19.5 | 7.0 | 4.9 | 14.8 | | | | |
| AVG | 17.5 | 6.8 | 5.3 | | | | | | 17.5 | 6.8 | 5.3 | 8.2 | | | | |
| MAX | 19.9 | 7.7 | 6.9 | 254 | 3940 | 420 | 6410 | 18.0 | 19.9 | 7.7 | 6.9 | 15.2 | 18.0 | 274.7 | 21.0 | 320.5 |

| WEEK | TEMP °C | pH | D.O. mg/L | S.S. mg/L | B.O.D. mg/L | Cu mg/L | Cu LBS | HARD mg/L | TEMP °C | pH | D.O. mg/L | TURBID. MAX NTU | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | FECAL COLIFORM /100 ML |
|------|---------|-----|-----------|-----------|-------------|---------|--------|-----------|---------|-----|-----------|-----------------|----------|-------------|------------|------------------------|
| 1 | 17.0 | 7.0 | 6.2 | | | | | | 17.7 | 7.0 | 6.2 | 7.2 | | | | |
| 2 | 15.7 | 7.1 | 4.9 | | | | | | 15.7 | 7.1 | 4.9 | 15.2 | | | | |
| 3 | 19.9 | 7.0 | 4.9 | 18.0 | 274.7 | 21.0 | 320.5 | | 19.9 | 7.0 | 4.9 | 13.9 | 18.0 | 274.7 | 21.0 | 320.5 |
| 4 | 19.5 | 7.0 | 4.9 | 14.8 | | | | | 19.5 | 7.0 | 4.9 | 14.8 | | | | |
| AVG | 17.5 | 6.8 | 5.3 | | | | | | 17.5 | 6.8 | 5.3 | 8.2 | | | | |
| MAX | 19.9 | 7.7 | 6.9 | 254 | 3940 | 420 | 6410 | 18.0 | 19.9 | 7.7 | 6.9 | 15.2 | 18.0 | 274.7 | 21.0 | 320.5 |

| WEEK | TEMP °C | pH | D.O. mg/L | S.S. mg/L | B.O.D. mg/L | Cu mg/L | Cu LBS | HARD mg/L | TEMP °C | pH | D.O. mg/L | TURBID. MAX NTU | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | FECAL COLIFORM /100 ML |
|------|---------|-----|-----------|-----------|-------------|---------|--------|-----------|---------|-----|-----------|-----------------|----------|-------------|------------|------------------------|
| 1 | 17.0 | 7.0 | 6.2 | | | | | | 17.7 | 7.0 | 6.2 | 7.2 | | | | |
| 2 | 15.7 | 7.1 | 4.9 | | | | | | 15.7 | 7.1 | 4.9 | 15.2 | | | | |
| 3 | 19.9 | 7.0 | 4.9 | 18.0 | 274.7 | 21.0 | 320.5 | | 19.9 | 7.0 | 4.9 | 13.9 | 18.0 | 274.7 | 21.0 | 320.5 |
| 4 | 19.5 | 7.0 | 4.9 | 14.8 | | | | | 19.5 | 7.0 | 4.9 | 14.8 | | | | |
| AVG | 17.5 | 6.8 | 5.3 | | | | | | 17.5 | 6.8 | 5.3 | 8.2 | | | | |
| MAX | 19.9 | 7.7 | 6.9 | 254 | 3940 | 420 | 6410 | 18.0 | 19.9 | 7.7 | 6.9 | 15.2 | 18.0 | 274.7 | 21.0 | 320.5 |

| WEEK | TEMP °C | pH | D.O. mg/L | S.S. mg/L | B.O.D. mg/L | Cu mg/L | Cu LBS | HARD mg/L | TEMP °C | pH | D.O. mg/L | TURBID. MAX NTU | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | FECAL COLIFORM /100 ML |
|------|---------|-----|-----------|-----------|-------------|---------|--------|-----------|---------|-----|-----------|-----------------|----------|-------------|------------|------------------------|
| 1 | 17.0 | 7.0 | 6.2 | | | | | | 17.7 | 7.0 | 6.2 | 7.2 | | | | |
| 2 | 15.7 | 7.1 | 4.9 | | | | | | 15.7 | 7.1 | 4.9 | 15.2 | | | | |
| 3 | 19.9 | 7.0 | 4.9 | 18.0 | 274.7 | 21.0 | 320.5 | | 19.9 | 7.0 | 4.9 | 13.9 | 18.0 | 274.7 | 21.0 | 320.5 |
| 4 | 19.5 | 7.0 | 4.9 | 14.8 | | | | | 19.5 | 7.0 | 4.9 | 14.8 | | | | |
| AVG | 17.5 | 6.8 | 5.3 | | | | | | 17.5 | 6.8 | 5.3 | 8.2 | | | | |
| MAX | 19.9 | 7.7 | 6.9 | 254 | 3940 | 420 | 6410 | 18.0 | 19.9 | 7.7 | 6.9 | 15.2 | 18.0 | 274.7 | 21.0 | 320.5 |

| WEEK | TEMP °C | pH | D.O. mg/L | S.S. mg/L | B.O.D. mg/L | Cu mg/L | Cu LBS | HARD mg/L | TEMP °C | pH | D.O. mg/L | TURBID. MAX NTU | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | FECAL COLIFORM /100 ML |
|------|---------|-----|-----------|-----------|-------------|---------|--------|-----------|---------|-----|-----------|-----------------|----------|-------------|------------|------------------------|
| 1 | 17.0 | 7.0 | 6.2 | | | | | | 17.7 | 7.0 | 6.2 | 7.2 | | | | |
| 2 | 15.7 | 7.1 | 4.9 | | | | | | 15.7 | 7.1 | 4.9 | 15.2 | | | | |
| 3 | 19.9 | 7.0 | 4.9 | 18.0 | 274.7 | 21.0 | 320.5 | | 19.9 | 7.0 | 4.9 | 13.9 | 18.0 | 274.7 | 21.0 | 320.5 |
| 4 | 19.5 | 7.0 | 4.9 | 14.8 | | | | | 19.5 | 7.0 | 4.9 | 14.8 | | | | |
| AVG | 17.5 | 6.8 | 5.3 | | | | | | 17.5 | 6.8 | 5.3 | 8.2 | | | | |
| MAX | 19.9 | 7.7 | 6.9 | 254 | 3940 | 420 | 6410 | 18.0 | 19.9 | 7.7 | 6.9 | 15.2 | 18.0 | 274.7 | 21.0 | 320.5 |

COMMENTS:

* GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM

| WEEK | TEMP °C | pH | D.O. mg/L | S.S. mg/L | B.O.D. mg/L | Cu mg/L | Cu LBS | HARD mg/L | TEMP °C | pH | D.O. mg/L | TURBID. MAX NTU | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | FECAL COLIFORM /100 ML |
|------|---------|-----|-----------|-----------|-------------|---------|--------|-----------|---------|-----|-----------|-----------------|----------|-------------|------------|------------------------|
| 1 | 17.0 | 7.0 | 6.2 | | | | | | 17.7 | 7.0 | 6.2 | 7.2 | | | | |
| 2 | 15.7 | 7.1 | 4.9 | | | | | | 15.7 | 7.1 | 4.9 | 15.2 | | | | |
| 3 | 19.9 | 7.0 | 4.9 | 18.0 | 274.7 | 21.0 | 320.5 | | 19.9 | 7.0 | 4.9 | 13.9 | 18.0 | 274.7 | | |