

EPA REPORT

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY  
Juneau, Alaska

December 2010

| DAY     | DATE | WEATHER |             |                |                  | INFLUENT  |          |             |            | EFFLUENT |      |           |           |          |             |            |                        |                              |                                 |
|---------|------|---------|-------------|----------------|------------------|-----------|----------|-------------|------------|----------|------|-----------|-----------|----------|-------------|------------|------------------------|------------------------------|---------------------------------|
|         |      | TEMP OF | RAIN INCHES | HIGH TIDE FEET | J-D TTL EFFL MGD | S.S. mg/L | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | TEMP °C  | pH   | D.O. mg/L | S.S. mg/L | S.S. LBS | B.O.D. mg/L | B.O.D. LBS | FECAL Coliform /100 ml | Ammonia as N mg/l 1/180 days | Ammonia as N lbs/day 1/180 days |
| SUN     | 28   | 34      | 0.73        | 14.7           | 1.4570           |           |          |             |            |          |      |           |           |          |             |            |                        |                              |                                 |
| MON     | 29   | 37      | 0.44        | 15.2           | 1.4480           |           |          |             |            | 13.1     | 6.7  | 5.2       |           |          |             |            |                        |                              | 0.0                             |
| TUE     | 30   | 30      | 0.51        | 15.9           | 0.9370           |           |          |             |            | 13.5     | 6.7  | 4.8       |           |          |             |            |                        |                              | 0.0                             |
| WED     | 1    | 25      | 0.01        | 16.8           | 0.8850           |           |          |             |            | 11.9     | 6.9  | 5.8       |           |          |             |            |                        |                              | 0.0                             |
| THU     | 2    | 23      | 0.00        | 17.7           | 0.9210           |           |          |             |            | 12.3     | 6.9  | 6.2       |           |          |             |            |                        |                              | 0.0                             |
| FRI     | 3    | 21      | 0.02        | 18.5           | 0.8340           |           |          |             |            | 12.1     | 6.9  | 5.7       |           |          |             |            |                        |                              | 0.0                             |
| SAT     | 4    | 36      | 0.46        | 19.0           | 1.7700           |           |          |             |            |          |      |           |           |          |             |            |                        |                              | 0.0                             |
| SUN     | 5    | 35      | 0.03        | 19.1           | 1.0530           |           |          |             |            |          |      |           |           |          |             |            |                        |                              | 0.0                             |
| MON     | 6    | 32      | 0.00        | 19.0           | 0.9250           |           |          |             |            | 15.2     | 6.7  | 5.1       |           |          |             |            |                        |                              | 0.0                             |
| TUE     | 7    | 37      | 0.00        | 18.4           | 0.9090           |           |          |             |            | 11.6     | 6.9  | 6.5       |           |          |             |            |                        |                              | 0.0                             |
| WED     | 8    | 36      | 0.00        | 17.6           | 0.8950           | 162       |          |             |            | 10.9     | 7.0  | 6.3       | 7         |          |             |            |                        |                              | 0.0                             |
| THU     | 9    | 28      | 0.00        | 16.6           | 0.8290           |           | 1211     | 250         | 1868       | 13.1     | 6.9  | 5.2       |           | 52       |             |            | 43                     |                              | 13.5                            |
| FRI     | 10   | 27      | 0.01        | 15.3           | 0.7980           |           |          |             |            | 11.4     | 7.0  | 6.0       |           |          |             |            |                        |                              | 0.0                             |
| SAT     | 11   | 31      | 0.07        | 14.3           | 0.6760           |           |          |             |            |          |      |           |           |          |             |            |                        |                              | 0.0                             |
| SUN     | 12   | 29      | 0.01        | 13.9           | 0.6860           |           |          |             |            |          |      |           |           |          |             |            |                        |                              | 0.0                             |
| MON     | 13   | 29      | 0.06        | 13.8           | 0.7200           |           |          |             |            | 12.0     | 7.1  | 5.1       |           |          |             |            |                        |                              | 0.0                             |
| TUE     | 14   | 24      | 0.00        | 13.8           | 0.7090           |           |          |             |            | 15.2     | 7.1  | 4.8       |           |          |             |            |                        |                              | 0.0                             |
| WED     | 15   | 27      | 0.00        | 14.2           | 0.6700           |           |          |             |            | 12.1     | 7.2  | 5.2       |           |          |             |            |                        |                              | 0.0                             |
| THU     | 16   | 27      | 0.00        | 14.7           | 0.6710           |           |          |             |            | 13.5     | 7.1  | 5.2       |           |          |             |            |                        |                              | 0.0                             |
| FRI     | 17   | 24      | 0.00        | 15.5           | 0.6830           |           |          |             |            | 12.5     | 7.2  | 5.0       |           |          |             |            |                        |                              | 0.0                             |
| SAT     | 18   | 20      | 0.00        | 16.3           | 0.6590           |           |          |             |            |          |      |           |           |          |             |            |                        |                              | 0.0                             |
| SUN     | 19   | 20      | 0.00        | 17.1           | 0.7040           |           |          |             |            |          |      |           |           |          |             |            |                        |                              | 0.0                             |
| MON     | 20   | 24      | 0.00        | 17.9           | 0.7970           |           |          |             |            | 9.2      | 6.5  | 5.4       |           |          |             |            |                        |                              | 0.0                             |
| TUE     | 21   | 17      | 0.00        | 18.4           | 0.8090           |           |          |             |            | 12.0     | 6.5  | 5.9       |           |          |             |            |                        |                              | 0.0                             |
| WED     | 22   | 29      | 0.00        | 18.7           | 0.8140           |           |          |             |            | 11.5     | 6.5  | 5.5       |           |          |             |            |                        |                              | 0.0                             |
| THU     | 23   | 27      | 0.00        | 18.5           | 0.8260           |           |          |             |            | 11.9     | 6.6  | 6.5       |           |          |             |            |                        |                              | 0.0                             |
| FRI     | 24   | 30      | 0.01        | 17.9           | 0.7700           |           |          |             |            | 11.8     | 6.3  | 5.9       |           |          |             |            |                        |                              | 0.0                             |
| SAT     | 25   | 29      | 0.02        | 16.8           | 0.5970           |           |          |             |            |          |      |           |           |          |             |            |                        |                              | 0.0                             |
| TOTAL   |      |         | 2.38        |                | 24.4530          |           |          |             |            |          |      |           |           |          |             |            |                        |                              | 0.0                             |
| MAXIMUM |      |         | 0.73        |                | 19.1             | 1.7700    | 162      | 1211        | 250        | 1868     | 15.2 | 7.2       | 6.5       | 7.0      | 52          | 6          | 43                     | 550                          | N/A                             |
| MINIMUM |      |         | 0.00        |                | 13.8             | 0.5970    | 162      | 1211        | 250        | 1868     | 9.2  | 6.3       | 4.8       | 7.0      | 52          | 6          | 43                     | 2                            | N/A                             |
| AVERAGE |      |         | 0.085       |                | 16.6             | 0.8733    | 162      | 1211        | 250        | 1868     | 12.3 | 6.8       | 5.6       | 7.0      | 52          | 6          | 43                     | 17                           | N/A                             |

| % REMOVAL |    |
|-----------|----|
| B.O.D.    | 98 |
| S.S.      | 96 |

|     | Copper | N/A | ug/L |
|-----|--------|-----|------|
| NH3 | 1.8    |     | mg/L |
| NH3 | 13.5   |     | lbs  |

| Weekly | TSS BOD |      | TSS |      | BOD |  | Weekly Coliform Geo. Mean |
|--------|---------|------|-----|------|-----|--|---------------------------|
|        | Aver.   | mg/l | lbs | mg/l | lbs |  |                           |
| WEEK1  |         |      |     |      |     |  | 18                        |
| WEEK2  |         |      |     |      |     |  | 2                         |
| WEEK3  |         |      |     |      |     |  | 550                       |
| WEEK4  |         |      |     |      |     |  | 4                         |

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

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

**NAME:** JUNEAU, CITY AND BOROUGH OF  
**ADDRESS:** 155 SOUTH SEWARD,  
 JUNEAU, ALASKA 99801  
**FACILITY:** JUNEAU-DOUGLAS TREATMENT PLANT  
**LOCATION:** JUNEAU, ALASKA 99801  
**ATT:** Tom Trego, WW Utilities Superintendent

FROM

**AK-002321-3**  
 PERMIT NUMBER

DMR Mailing ZIP CODE: 99801  
 MAJOR (SUB 01)  
 External Outfall  
 \*\*\* NO DISCHARGE \*\*\*

**001 A**  
 DISCHARGE NUMBER

**MONITORING PERIOD**

| YEAR | MO | DAY |
|------|----|-----|
| 2010 | 11 | 28  |
| 2011 | 12 | 25  |

| PARAMETER                              | SAMPLE MEASUREMENT PERMIT REQUIREMENT | QUANTITY OR LOADING |       |       | UNITS | VALUE | QUALITY OR CONCENTRATION |       |       | UNITS | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|---------------------------------------|---------------------|-------|-------|-------|-------|--------------------------|-------|-------|-------|--------|-----------------------|-------------|
|  |                                       | VALUE               | VALUE | VALUE |       |       | VALUE                    | VALUE | VALUE |       |        |                       |             |
| Temperature, water deg. C              | 00010 10                              | *****               | ***** | ***** | ****  | ***** | *****                    | ***** | ***** | 15.2  | 0      | WEEKDAYS              | GRAB        |
| Oxygen, dissolved (DO)                 | 00300 10                              | *****               | ***** | ***** | ****  | ***** | *****                    | ***** | ***** | 6.5   | 0      | WEEKDAYS              | GRAB        |
| BOD, 5-day, 20 deg. C                  | 00310 10                              | *****               | ***** | ***** | ***** | ***** | *****                    | ***** | ***** | 5.8   | 0      | WEEKLY                | GRAB        |
| BOD, 5-day, 20 deg. C                  | 00310 10                              | *****               | ***** | ***** | ***** | ***** | *****                    | ***** | ***** | 5.8   | 0      | WEEKLY                | GRAB        |
| Raw Sewage Influent                    | 00310 G 0                             | *****               | ***** | ***** | ***** | ***** | *****                    | ***** | ***** | 5.8   | 0      | MONTHLY               | COMP24      |
| BOD, 5-day, 20 deg. C                  | 00310 W 0                             | *****               | ***** | ***** | ***** | ***** | *****                    | ***** | ***** | 5.8   | 0      | MONTHLY               | COMP24      |
| See Comments                           | 00400 10                              | *****               | ***** | ***** | ***** | ***** | *****                    | ***** | ***** | 7.2   | 0      | MONTHLY               | COMP24      |
| Effluent Gross Solids, Total suspended | 00530 10                              | *****               | ***** | ***** | ***** | ***** | *****                    | ***** | ***** | 7     | 0      | WEEKDAYS              | GRAB        |
| Effluent Gross                         | 00530 10                              | *****               | ***** | ***** | ***** | ***** | *****                    | ***** | ***** | 7     | 0      | WEEKDAYS              | GRAB        |

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 assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person 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.

**Nathan D. McCombs**  
 Digitally signed by Nathan D. McCombs  
 DN: cn=Nathan D. McCombs, o=CBJ Public Utilities,  
 email=nathan\_mccombs@cityjuneau.ak.us, c=US  
 Date: 2011.01.06 15:33:18 -09'00'

**SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT**  
 AREA CODE: 907  
 TELEPHONE: 586-0393  
 PHONE NUMBER: \_\_\_\_\_  
 DATE: \_\_\_\_\_

TYPED OR PRINTED  
 NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Tom Trego  
 W/W Utilities Superintendent

COMMENT AND EXPLANATION OF ANY VIOLATIONS  
 The reporting period was from 11/28/2010 through 12/25/2010.

EPA Form 3320-1 (Rev.07/06) Previous editions may be used.

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

DMR Mailing ZIP CODE: 99801  
MAJOR (SUB 01) 4

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

External Outfall  
\*\*\* NO DISCHARGE

**NAME:** JUNEAU CITY AND BOROUGH OF  
**ADDRESS:** 155 SOUTH SEWARD,  
JUNEAU, ALASKA 99801  
**FACILITY:** JUNEAU-DOUGLAS TREATMENT PLANT  
**LOCATION:** JUNEAU, ALASKA 99801  
**ATT:** Tom Trego, WW Utilities Superintendent

**AK-002321-3**  
PERMIT NUMBER

**001A**  
DISCHARGE NUMBER

| MONITORING PERIOD |    |     |    |
|-------------------|----|-----|----|
| YR                | MO | DAY | TO |
| 2010              | 11 | 28  |    |
| 2010              | 12 | 12  | 25 |

| PARAMETER  | SAMPLE MEASUREMENT   | QUANTITY OR LOADING |                              | UNITS  | QUALITY OR CONCENTRATION |       |                | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|--|--|---------------------|------------------------------|--------|--------------------------|-------|----------------|--------|-----------------------|-------------|--|--|--|------|--|---|--|----|--|----------------------------------|--|------------------------------|--|----------------------|--|----------------|--|
|  |  | VALUE               | VALUE                        |        | VALUE                    | VALUE | UNITS          |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| Solids, Total suspended  | MEASUREMENT  | *****               | *****                        | *****  | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | PERMIT REQUIREMENT   | *****               | *****                        | *****  | *****                    | ***** | *****          |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| 00530 G 0 Raw Sewage Influent  | PERMIT REQUIREMENT   | *****               | *****                        | *****  | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | SAMPLE   | 52.3                | *****                        | *****  | *****                    | ***** | *****          |        | Monthly               | COMP24      |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| 00530 W 0 Solids, Total suspended  | MEASUREMENT  | 1035                | *****                        | lb/d   | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | PERMIT REQUIREMENT   | 13.5                | *****                        | *****  | *****                    | ***** | *****          |        | Monthly               | COMP24      |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| 00610 1 0 Effluent Gross   | PERMIT REQUIREMENT   | Req. Mon. MO AVG    | *****                        | lb/d   | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | SAMPLE   | *****               | *****                        | *****  | *****                    | ***** | *****          |        | Semi-annual           | COMP24      |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| 31616 1 0 Effluent Gross   | PERMIT REQUIREMENT   | *****               | *****                        | *****  | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | SAMPLE   | *****               | *****                        | *****  | *****                    | ***** | *****          |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| Coliform, fecal MF, broth 44.5 C   | PERMIT REQUIREMENT   | *****               | *****                        | *****  | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | SAMPLE   | *****               | *****                        | *****  | *****                    | ***** | *****          |        | Weekly                | GRAB        |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| 31616 W 0 See Comments   | PERMIT REQUIREMENT   | *****               | *****                        | *****  | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | SAMPLE   | 0.8733              | 1.7700                       | *****  | *****                    | ***** | *****          |        | Weekly                | GRAB        |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| Flow, in conduit or through treatment plant  | PERMIT REQUIREMENT   | 2.76                | 6.0                          | Mgal/d | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | SAMPLE   | *****               | *****                        | *****  | *****                    | ***** | *****          |        | Continuous            | RCORDR      |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| 50050 1 0 Effluent Gross   | PERMIT REQUIREMENT   | *****               | *****                        | *****  | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | SAMPLE   | *****               | *****                        | *****  | *****                    | ***** | *****          |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| BOD, 5-day percent removal   | PERMIT REQUIREMENT   | *****               | *****                        | *****  | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | SAMPLE   | *****               | *****                        | *****  | *****                    | ***** | *****          |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| 81010 K 0 Percent Removal  | PERMIT REQUIREMENT   | *****               | *****                        | *****  | *****                    | ***** | *****          | 0      |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | SAMPLE   | *****               | *****                        | *****  | *****                    | ***** | *****          |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER   |  |                     |                              |        |                          |       |                |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| 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 assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person 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.   |  |                     |                              |        |                          |       |                |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| <table border="0"> <tr> <td rowspan="2"> <b>Nathan D. McCombs</b><br/>                 Digitally signed by Nathan D. McCombs<br/>                 DN: cn=Nathan D. McCombs, o=CBJ, ou=CBJ Public Utilities, email=nathan_mccombs@juneau.ak.us, c=US<br/>                 Date: 2011.01.06 15:26:44 -0900'             </td> <td colspan="2">SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</td> <td colspan="2">2011</td> <td colspan="2">1</td> <td colspan="2">10</td> </tr> <tr> <td colspan="2">                 TELEPHONE<br/> <b>907 586-0393</b> </td> <td colspan="2">                 AREA CODE<br/> <b>586-0393</b> </td> <td colspan="2">                 PHONE NUMBER<br/>                 DATE             </td> <td colspan="2">                 YEAR<br/>                 MO DAY             </td> </tr> </table> |  |                     |                              |        |                          |       |                |        |                       |             | <b>Nathan D. McCombs</b><br>Digitally signed by Nathan D. McCombs<br>DN: cn=Nathan D. McCombs, o=CBJ, ou=CBJ Public Utilities, email=nathan_mccombs@juneau.ak.us, c=US<br>Date: 2011.01.06 15:26:44 -0900' | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT |  | 2011 |  | 1 |  | 10 |  | TELEPHONE<br><b>907 586-0393</b> |  | AREA CODE<br><b>586-0393</b> |  | PHONE NUMBER<br>DATE |  | YEAR<br>MO DAY |  |
| <b>Nathan D. McCombs</b><br>Digitally signed by Nathan D. McCombs<br>DN: cn=Nathan D. McCombs, o=CBJ, ou=CBJ Public Utilities, email=nathan_mccombs@juneau.ak.us, c=US<br>Date: 2011.01.06 15:26:44 -0900'   | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT |                     | 2011                         |        | 1                        |       | 10             |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
|  | TELEPHONE<br><b>907 586-0393</b>                             |                     | AREA CODE<br><b>586-0393</b> |        | PHONE NUMBER<br>DATE     |       | YEAR<br>MO DAY |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| TYPED OR PRINTED<br>Tom Trego<br>W/W Utilities Superintendent  |  |                     |                              |        |                          |       |                |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |
| COMMENT AND EXPLANATION OF ANY VIOLATIONS<br>The reporting period was from 11/28/2010 through 12/25/2010. (Reference all attachments here)   |  |                     |                              |        |                          |       |                |        |                       |             |  |  |  |      |  |   |  |    |  |                                  |  |                              |  |                      |  |                |  |



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

DMR Mailing ZIP CODE: 99801  
MAJOR (SUB 01) 4

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

External Outfall  
\*\*\* NO DISCHARGE \*\*\*

**NAME:** JUNEAU, CITY AND BOROUGH OF  
**ADDRESS:** 155 SOUTH SEWARD,  
JUNEAU, ALASKA 99801  
**FACILITY:** JUNEAU-DOUGLAS TREATMENT PLANT  
**LOCATION:** JUNEAU, ALASKA 99801  
**ATT:** Tom Trego, WW Utilities Superintendent

**AK-002321-3**  
PERMIT NUMBER

**001 A**  
DISCHARGE NUMBER

| MONITORING PERIOD |    |     |
|-------------------|----|-----|
| YR                | MO | DAY |
| 2010              | 11 | 28  |
| FROM              | TO | DAY |
|                   |    | 25  |

| PARAMETER   | SAMPLE MEASUREMENT PERMIT REQUIREMENT | QUANTITY OR LOADING |       |       | QUALITY OR CONCENTRATION |       |       | NO. EX    | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|---------------------------------------|---------------------|-------|-------|--------------------------|-------|-------|-----------|-----------------------|-------------|
|   |                                       | VALUE               | VALUE | UNITS | VALUE                    | VALUE | UNITS |           |                       |             |
| Solids, Total suspended percent removal<br>81011 K 0 0<br>Percent removal |                                       | *****               | ***** | ***** | 95.7                     | ***** | ***** | 0         | MONTHLY               | CALCTD      |
|   |                                       | *****               | ***** | ***** | 85 MN % RMV              | ***** | ***** | % PERCENT |                       |             |

**NAME/TITLE PRINCIPAL EXECUTIVE OFFICER**  
Tom Trego  
W/W 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 assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person 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.

**Nathan D. McCombs**  
Digitally signed by Nathan D. McCombs  
DN: cn=Nathan D. McCombs, o=CBI, ou=CBI Public Utilities, email=nathan\_mccombs@ci.juneau.ak.us, c=US  
Date: 2011.01.06 15:27:39 -09'00'

**907** TELEPHONE  
**586-0393**  
AREA CODE  
PHONE NUMBER  
DATE  
2011 YEAR 1 MO 10 DAY

**TYPED OR PRINTED**  
**COMMENT AND EXPLANATION OF ANY VIOLATIONS**  
The reporting period was from **11/28/2010** through **12/25/2010**.  
(Reference all attachments here)

EPA Form 3320-1 (03-99) Previous editions may be used.  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

DMR Mailing ZIP CODE: 99801  
 MAJOR \$  
 (SUB 01)

External Outfall  \*\*\*  
 \*\*\* NO DISCHARGE  
 (SUB 01)  
 UPSTREAM RECEIVING WATER  
 External Outfall  \*\*\*  
 \*\*\* NO DISCHARGE

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

**NAME:** JUNEAU, CITY AND BOROUGH OF  
**ADDRESS:** 155 SOUTH SEWARD,  
 JUNEAU, ALASKA 99801  
**FACILITY:** JUNEAU-DOUGLAS TREATMENT PLANT  
**LOCATION:** JUNEAU, ALASKA 99801  
**ATT:** Tom Trego, Ww Utilities Superintendent

**AK-002321-3**  
 PERMIT NUMBER

**REC-1**  
 DISCHARGE NUMBER

| MONITORING PERIOD |    |     |
|-------------------|----|-----|
| YR                | MO | DAY |
| 2010              | 11 | 28  |
| TO                |    |     |
| YEAR              | MO | DAY |
| 2010              | 12 | 25  |

| PARAMETER                        | SAMPLE MEASUREMENT PERMIT REQUIREMENT | QUANTITY OR LOADING |       |       | QUALITY OR CONCENTRATION |       |                     | NO. EX   | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|----------------------------------|---------------------------------------|---------------------|-------|-------|--------------------------|-------|---------------------|----------|-----------------------|-------------|
|                                  |                                       | VALUE               | VALUE | UNITS | VALUE                    | VALUE | UNITS               |          |                       |             |
| Coliform, fecal MF, broth 44 5 C |                                       | *****               | ***** |       | *****                    | ***** | 1.0                 | 0        |                       |             |
| 31616 10 Effluent Gross          |                                       | *****               | ***** |       | *****                    | ***** | Req. Mon. DAILY MAX | #/ ML100 | Monthly               | GRAB        |

**NAME/TITLE PRINCIPAL EXECUTIVE OFFICER**  
 Tom Trego  
 W/W 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 assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person 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.

**Signature:** Nathan D. McCombs  
**Title:** W/W Utilities Superintendent

**Signature:** Nathan D. McCombs  
**Title:** OFFICER OR AUTHORIZED AGENT

**Area Code:** 907  
**Phone Number:** 586-0393

**Date:** 2011 01 06 15:29:33 -0900

**Year:** 2011  
**Month:** 1  
**Day:** 10

**COMMENT AND EXPLANATION OF ANY VIOLATIONS:**  
 The reporting period was from 11/28/2010 through 12/25/2010.

*(Refer to all attachments here)*