CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd.

Juneau, AK 99801

FACILITY: MENDENHALL WW TREATMENT FACILITY

LOCATION: 2009 RADCLIFFE RD

Juneau, AK 99801

PERMIT NUMBER: AK0022951

MONITORING PERIOD: 1-Oct-14

TO

31-Oct-14

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER NO DISCHARGE:

| Parameter                           |                 | Quantity o              | or Loading            | Units   | Qua                     | lity or Concentra         | ation                   | Units No. |     | Frequency of | Sample Type     |
|-------------------------------------|-----------------|-------------------------|-----------------------|---------|-------------------------|---------------------------|-------------------------|-----------|-----|--------------|-----------------|
|                                     |                 | Average                 | Maximum               |         | Minimum                 | Average                   | Maximum                 |           | Ex. | Analysis     |                 |
| Temperature (C)                     | Sample meas.    | *****                   | *****                 |         | *****                   | 14.6                      | 15.2                    |           | 0   |              |                 |
| 1 - Final Effluent<br>00010         | remmi           | *****                   | *****                 |         | *****                   | Report<br>monthly average | Report<br>daily maximum | DEG.C     |     | 5X Weekly    | Grab            |
| Dissolved Oxygen                    | Sample<br>meas. | *****                   | *****                 |         | 2.1                     | *****                     | 4.2                     |           | 0   |              |                 |
| 1 - Final Effluent<br>00300         | remmit          | *****                   | *****                 |         | Report<br>daily minimum | *****                     | Report<br>daily maximum | mg/l      |     | Monthly      | Grab            |
| Biochemical Oxygen Demand (BOD5)    | Sample<br>meas. | 474.7                   | 666.5                 |         | *****                   | 24.9                      | 35.0                    |           | 0   |              |                 |
| 1 - Final Effluent<br>00310         | Leimic          | 1226<br>monthly average | 2452<br>daily maximum | lbs/day | *****                   | 30<br>monthly average     | 60<br>daily maximum     | mg/l      |     | 2X Monthly   | 24-Hr Composite |
| Biochemical Oxygen Demand (BOD5)    | Sample<br>meas. | *****                   | *****                 |         | *****                   | 317.5                     | *****                   |           | 0   |              |                 |
| G - Influent<br>00310               | reimit          | *****                   | *****                 |         | *****                   | Report<br>monthly average | *****                   | mg/l      |     | 2X Monthly   | 24-Hr Composite |
| Biochemical Oxygen Demand<br>(BOD5) | Sample<br>meas. | 498.1                   | *****                 |         | *****                   | 23.3                      | *****                   |           | 0   |              |                 |
| W - See Comments<br>00310           | I CI IIIIC      | 1839<br>weekly average  | *****                 | lbs/day | ****                    | 45<br>weekly average      | ****                    | mg/l      |     | 2X Monthly   | 24-Hr Composite |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I certify under penalty of law that this document and all attachments were   |                                  | TELEPHONE     | DATE       |
|--|--|----------------------------------|---------------|------------|
| GRIEKO TEMPEL                          | prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate      |                                  | 5/            | .          |
| SR. OPERATOR                           | the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for             |                                  | 967.506,0393  | 2014/11/10 |
| 31.01001-1                             | gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there | SIGNATURE OF PRINCIPAL EXECUTIVE |               |            |
| TYPED OR PRINTED                       | are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.               | OFFICER OR AUTHORIZED AGENT      | AREA   NUMBER | YIMID      |

CONTACT NAME: Samantha Stoughtenger

FACILITY: MENDENHALL WW TREATMENT FACILITY

MAILING ADDRESS: 2009 Radcliffe Rd.

LOCATION: 2009 RADCLIFFE RD

Juneau, AK 99801

Juneau, AK 99801

PERMIT NUMBER: AK0022951

MONITORING PERIOD: 1-Oct-14

TO

31-Oct-14

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

NO DISCHARGE:

| Parameter                    |                 | Quantity o              | or Loading            | Units   | Qua                             | lity or Concentra         | ation                           | Units | No. | Frequency of | Sample Type     |
|------------------------------|-----------------|-------------------------|-----------------------|---------|---------------------------------|---------------------------|---------------------------------|-------|-----|--------------|-----------------|
|                              |                 | Average                 | Maximum               |         | Minimum                         | Average                   | Maximum                         |       | Ex. | Analysis     |                 |
| рН                           | Sample<br>meas. | *****                   | *****                 |         | 6.9                             | *****                     | 7.4                             |       | 0   |              |                 |
| 1 - Final Effluent<br>00400  | rermit          | *****                   | ****                  |         | 6.3<br>instantaneous<br>minimum | *****                     | 8.5<br>instantaneous<br>maximum | S.U.  |     | 5X Weekly    | Grab            |
| Alkalinity, Total (as CaCO3) | Sample<br>meas. | *****                   | *****                 |         | *****                           | ****                      | ****                            |       | 0   |              |                 |
| 1 - Final Effluent<br>00410  | remmi           | ****                    | *****                 |         | ****                            | Report<br>monthly average | Report<br>daily maximum         | mg/l  |     | Quarterly    | 24-Hr Composite |
| Total Suspended Solids       | Sample<br>meas. | 336.4                   | 590.5                 |         | *****                           | 17.4                      | 30.0                            |       | 0   |              |                 |
| 1 - Final Effluent<br>00530  | reimit          | 1226<br>monthly average | 2452<br>daily maximum | lbs/day | *****                           | 30<br>monthly average     | 60<br>daily maximum             | mg/l  |     | 2X Monthly   | 24-Hr Composite |
| Total Suspended Solids       | Sample<br>meas. | *****                   | *****                 |         | *****                           | 194.3                     | *****                           |       | 0   |              |                 |
| G - Influent<br>00530        | reimit          | *****                   | *****                 |         | *****                           | Report<br>monthly average | *****                           | mg/l  |     | 2X Monthly   | 24-Hr Composite |
| Total Suspended Solids       | Sample<br>meas. | 392.8                   | *****                 |         | *****                           | 18.3                      | *****                           |       | 0   |              |                 |
| W - See Comments<br>00530    | I CI IIII       | 1839<br>weekly average  | *****                 | lbs/day | ****                            | 45<br>weekly average      | *****                           | mg/l  |     | 2X Monthly   | 24-Hr Composite |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I certify under penalty of law that this document and all attachments were   |                                  | TELEPHONE     | DATE    |
|--|--|----------------------------------|---------------|---------|
| GRIBUD TEMPEL<br>SIR. OPENCATOR        | prepared under my direction or supervision in accordance with a system designed to assure that 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 |                                  | 907.506.0393  | 2014/11 |
| 78.010.93772                           | gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there   | SIGNATURE OF PRINCIPAL EXECUTIVE |               |         |
| TYPED OR PRINTED                       | are significant penalties for submitting false information, including the<br>possibility of fine and imprisonment for knowing violations.  | OFFICER OR AUTHORIZED AGENT      | AREA   NUMBER | YIMID   |

CONTACT NAME: Samantha Stoughtenger

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

MAILING ADDRESS: 2009 Radcliffe Rd.

Juneau, AK 99801

FACILITY: MENDENHALL WW TREATMENT FACILITY

LOCATION: 2009 RADCLIFFE RD

Juneau, AK 99801

PERMIT NUMBER: AK0022951

MONITORING PERIOD: 1-Oct-14

TO 31-Oct-14

NO DISCHARGE:

| Parameter                   |                 | Quantity of | or Loading | Units | Qua     | lity or Concentra         | ation                   | Units | No. | Frequency of               | Sample Type     |
|-----------------------------|-----------------|-------------|------------|-------|---------|---------------------------|-------------------------|-------|-----|----------------------------|-----------------|
|                             |                 | Average     | Maximum    |       | Minimum | Average                   | Maximum                 |       | Ex. | Analysis                   |                 |
| Ammonia Nitrogen (as N)     | Sample<br>meas. | *****       | *****      |       | *****   | 17                        | 17                      |       | 0   |                            |                 |
| 1 - Final Effluent<br>00610 | I CI IIII L     | *****       | *****      |       | *****   | Report<br>monthly average | Report<br>daily maximum | mg/l  |     | Monthly                    | 24-Hr Composite |
| Hardness, Total (as CaCO3)  | Sample<br>meas. | *****       | *****      |       | *****   | 69.0                      | 69.0                    |       | 0   |                            |                 |
| 1 - Final Effluent<br>00900 | reimit          | *****       | ****       |       | *****   | Report<br>monthly average | Report<br>daily maximum | mg/l  |     | Monthly                    | 24-Hr Composite |
| Silver Total Recoverable    | Sample<br>meas. | *****       | *****      |       | *****   | ND                        | ND                      |       | 0   |                            |                 |
| 1 - Final Effluent<br>01079 | I CI IIII C     | *****       | *****      |       | *****   | Report<br>monthly average | Report<br>daily maximum | ug/l  |     | See Permit<br>Requirements | 24-Hr Composite |
| Zinc Total Recoverable      | Sample<br>meas. | *****       | *****      |       | *****   | ****                      | ****                    |       | 0   |                            |                 |
| 1 - Final Effluent<br>01094 | reimic          | *****       | *****      |       | *****   | Report<br>monthly average | Report<br>daily maximum | ug/l  |     | See Permit<br>Requirements | 24-Hr Composite |
| Lead Total Recoverable      | Sample<br>meas. | *****       | *****      |       | *****   | ND                        | ND                      |       | 0   |                            |                 |
| 1 - Final Effluent<br>01114 | reimit          | ****        | *****      |       | ****    | Report<br>monthly average | Report<br>daily maximum | ug/l  |     | See Permit<br>Requirements | 24-Hr Composite |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I certify under penalty of law that this document and all attachments were  |                                  | TELEPHONE     | DATE       |
|--|---|----------------------------------|---------------|------------|
| GRIBKO TEMPEL                          | prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons | 1                                | 907.506.6393  | 2/11/2     |
| SR. OPERATOR                           | 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 arn aware that there  | SIGNATURE OF PRINCIPAL EXECUTIVE | 1 / - /       | 2014/11/18 |
| TYPED OR PRINTED                       | are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.  | OFFICER OR AUTHORIZED AGENT      | AREA   NUMBER | YIMID      |

CONTACT NAME: Samantha Stoughtenger

FACILITY: MENDENHALL WW TREATMENT FACILITY

MAILING ADDRESS: 2009 Radcliffe Rd.

LOCATION: 2009 RADCLIFFE RD

Juneau, AK 99801

Juneau, AK 99801

PERMIT NUMBER: AK0022951

MONITORING PERIOD: 1-Oct-14

TO

31-Oct-14

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

NO DISCHARGE:

| Parameter                                     |                 | Quantity of               | or Loading            | Units   | Qua     | lity or Concentra                | ation                   | Units      | No. | Frequency of               | Sample Type     |
|---|-----------------|---------------------------|-----------------------|---------|---------|----------------------------------|-------------------------|------------|-----|----------------------------|-----------------|
|   |                 | Average                   | Maximum               |         | Minimum | Average                          | Maximum                 | 1          | Ex. | Analysis                   |                 |
| Copper Total Recoverable                      | Sample<br>meas. | 0.366                     | 0.366                 |         | *****   | 21.0                             | 21.0                    |            | 0   |                            |                 |
| 1 - Final Efflue<br>011                       | reimit          | 1.82<br>monthly average   | 3.92<br>daily maximum | lbs/day | *****   | 44.5<br>monthly average          | 95.8<br>daily maximum   | ug/l       |     | Monthly                    | 24-Hr Composite |
| Chronic Toxicity                              | Sample meas.    | *****                     | *****                 |         | *****   | ****                             | ****                    |            | 0   |                            |                 |
| 1 - Final Efflue<br>TTO                       | I CI IIII       | *****                     | *****                 |         | *****   | Report<br>monthly average        | Report<br>daily maximum | TUC        | •   | See Permit<br>Requirements | 24-Hr Composite |
| Floating solids, waste or visible foam-visual | Sample meas.    | *****                     | *****                 |         | *****   | *****                            | Р                       |            | 0   |                            |                 |
| 1 - Final Efflue<br>456                       | reimit          | *****                     | *****                 |         | *****   | *****                            | Report<br>value         | pass/fail  |     | Monthly                    | Visual          |
| Flow  | Sample<br>meas. | 2.3                       | 3.3                   |         | *****   | *****                            | *****                   |            | 0   |                            |                 |
| 1 - Final Efflue<br>500                       | 1 CI IIII       | Report<br>monthly average | 4.9<br>daily maximum  | MGD     | *****   | *****                            | *****                   |            |     | Continuous                 | Recorded        |
| Fecal Coliform                                | Sample<br>meas. | *****                     | *****                 |         | *****   | 50.5                             | 390.0                   |            | 1   |                            |                 |
| 1 - Final Efflue<br>740                       | I CI IIII       | ****                      | *****                 |         | ****    | 200<br>monthly<br>geometric mean | 800<br>daily maximum    | cts/100 ml |     | Weekly                     | Grab            |

|  | I certify under penalty of law that this document and all attachments were   |                                  | TELEPHONE     | DATE       |   |
|--|--|----------------------------------|---------------|------------|---|
| GRIBKO TEMPEL  | prepared under my direction or supervision in accordance with a system designed to assure that 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 |                                  | 907.56,0393   | 2214/11/16 | 2 |
| the second of th | gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there   | SIGNATURE OF PRINCIPAL EXECUTIVE |               |            |   |
| TYPED OF PRINTED   | are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.   | OFFICER OR AUTHORIZED AGENT      | AREA   NUMBER | YIMID      |   |

CONTACT NAME: Samantha Stoughtenger

FACILITY: MENDENHALL WW TREATMENT FACILITY

MAILING ADDRESS: 2009 Radcliffe Rd.

LOCATION: 2009 RADCLIFFE RD

Juneau, AK 99801

Juneau, AK 99801

PERMIT NUMBER: AK0022951

MONITORING PERIOD: 1-Oct-14

31-Oct-14

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

TO NO DISCHARGE:

| Parameter                                   |                 | Quantity o | or Loading | Units | Qua           | lity or Concentra               | ition   | Units      | No. | Frequency of | Sample Type |
|---|-----------------|------------|------------|-------|---------------|---------------------------------|---------|------------|-----|--------------|-------------|
|   |                 | Average    | Maximum    |       | Minimum       | Average                         | Maximum |            | Ex. | Analysis     |             |
| Fecal Coliform                              | Sample<br>meas. | *****      | *****      |       | *****         | 41.4                            | *****   |            | 0   |              |             |
| W - See Comments<br>74055                   | reimit          | *****      | *****      |       | *****         | 400<br>weekly geometric<br>mean | *****   | cts/100 ml |     | Weekly       | Grab        |
| BOD5 Minimum % Removal                      | Sample<br>meas. | *****      | *****      |       | 92.2          | *****                           | *****   |            | 0   |              |             |
| K - Percent Removal<br>81010                | 1 Clinic        | ****       | *****      |       | 85<br>minimum | *****                           | *****   | %          |     | Monthly      | Calculation |
| Total Suspended Solids Minimum<br>% Removal | Sample<br>meas. | *****      | *****      |       | 92.2          | *****                           | *****   |            | 0   |              |             |
| K - Percent Removal<br>81011                | 1 CI IIIIC      | *****      | *****      |       | 85<br>minimum | *****                           | *****   | %          |     | Monthly      | Calculation |

| COMMENTS:                    |  | <br>de transition de milita e c |
|------------------------------|--|---------------------------------|
| COMMENTS: W = Weekly Limits; |  |                                 |
|                              |  |                                 |
|                              |  |                                 |

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617 Attach an explanation of any violations. Reference all attachments below.

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I certify under penalty of law that this document and all attachments were  |                                  | TELEPHONE     | DATE     | ]  |
|--|---|----------------------------------|---------------|----------|----|
| GRIEKO TEMPEL<br>SP. OPECATOR          | prepared under my direction or supervision in accordance with a system designed to assure that 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 | SIGNATURE OF PRINCIPAL EXECUTIVE | 907,506.0393  | 2014/11/ | 10 |
| TYPED OR PRINTED                       | knowledge and belief, true, accurate, and complete. I am aware that there<br>are significant penalties for submitting false information, including the<br>possibility of fine and imprisonment for knowing violations.  | OFFICER OR AUTHORIZED AGENT      | AREA   NUMBER | YIMID    |    |

#### MENDENHALL WASTEWATER TREATMENT FACILITY

|         |            |                        |        |                       |                     |        |            |              |   | uneau,           |                |                       | Oc                 | tober 20          | 014                |                   |              |            |              |             |                |                |                |                              |     |
|---------|------------|------------------------|--------|-----------------------|---------------------|--------|------------|--------------|---|------------------|----------------|-----------------------|--------------------|-------------------|--------------------|-------------------|--------------|------------|--------------|-------------|----------------|----------------|----------------|------------------------------|-----|
|         |            | FLOWS                  |        |                       |                     |        |            |              |   | NFLUEN           | T              |                       |                    |                   |                    |                   |              |            |              |             | Effluer        | nt             |                |                              |     |
| AY      | DATE       | SBR<br>INFLUENT<br>MGD | precip | SBR<br>ToT EFF<br>MGD | SBR<br>WASTE<br>MGD | TEMP.  | pΗ         | D.O.<br>mg/L | TSS<br>mg/L   | TSS<br>LBS       | B.O.D.         | B.O.D.<br>LBS         | JPS<br>TSS<br>mg/L | IPS<br>TSS<br>LBS | IPS<br>BOD<br>mg/L | IPS<br>BOD<br>LBS | TEMP<br>°C   | pH:        | D.O.<br>mg/L | TSS<br>mg/L | LBS            | B.O.D.<br>mg/L | B.O.D.         | FEGAL<br>COLIFORM<br>/100 ml |     |
| JN      | 28         | 2.80                   | 0.83   | 2.70                  | 0.0578              |        |            |              |   |                  |                |                       |                    | Server Sure       |                    |                   |              |            |              |             |                |                |                |                              |     |
| NC      | 29         | 2.70                   | 0.13   | 2.55                  | 0.0625              | 13.7   | 7.3        | 3.1          | 116.0   | 2612.1           | 130.0          | 2927.3                | 224.0              | 5044.0            | 210.0              | 4728.8            | 15.0         | 7.0        | 4.1          | 12.0        | 255.2          | 16.0           | 340.3          | 13.0                         |     |
| JE<br>D | 30         | 2.84                   | 0.72   | 2.64                  | 0.0508<br>0.0546    | 14.0   | 7.3<br>7.3 | 2.7          | 208.0   | 4926.6           | 230.0          | 5447.7<br>5944.8      | 244.0<br>330.0     | 5779.3            | 280.0              | 6632.0            | 15.2         | 7.0        | 3.4          | 11.0        | 242.2<br>345.9 | 15.0<br>19.0   | 330.3<br>386.6 | 20.0                         |     |
| U       | 2          | 2.43                   | 0.00   | 2.44                  | 0.0546              | 14.8   | 7.0        | 2.9          | 220.0   | 4843.9<br>4458.6 | 270.0<br>310.0 | 6282.5                | 350.0              | 7265.8<br>7093.2  | 320.0              | 7045.6<br>6687.8  | 14.8<br>14.8 | 7.0<br>7.0 | 3.0          | 17.0        | 390.3          | 21.0           | 409.8          |                              |     |
| 1       | 3          | 2.43                   | 0.13   | 2.34                  | 0.0568              | 14.5   | 7.5        | 2.8          | 350.0   | 7531.0           | 310.0          | 6670.3                | 490.0              | 10543.4           | 460.0              | 9897.9            | 15.0         | 7.0        | 2.7          | 30.0        | 590.5          | 28.0           | 551.1          |                              |     |
| T       | 4          | 3.61                   | 0.13   | 2.43                  | 0.0386              | 14.0   | 7.5        | 2.0          | 330,0   | 7551.0           | 310.0          | 0070.3                | 490.0              | 10040.4           | 400.0              | 9097.9            | 15.0         | 7.0        | 2.1          | 30.0        | 380.3          | 20.0           | 331.1          |                              |     |
| N       | 5          | 2.52                   | 0.14   | 2.43                  | 0.0796              | 3 -    |            |              |   |                  |                |                       |                    |                   |                    |                   |              |            |              |             |                |                |                |                              |     |
| N       | 6          | 2.60                   | 0.43   | 2.31                  | 0.0580              | 14.1   | 7.2        | 2.5          | 150.0   | 3252.6           | 220.0          | 4770.5                | 300.0              | 6505.2            | 280.0              | 6071.5            | 14.4         | 7.0        | 3.0          | 11.0        | 211.9          | 19.0           | 366.0          | 15.0                         |     |
| Ě       | 7          | 2.53                   | 0.19   | 2.31                  | 0.0508              | 13.9   | 7.8        | 2.6          | 180.0   | 3798.0           | 250.0          | 5275.1                | 300.0              | 6330.1            | 310.0              | 6541.1            | 14.8         | 7.0        | 2.9          | 11.0        | 211.9          | 19.0           | 366.0          | 33.0                         |     |
| D       | 8          | 2.37                   | 0.01   | 2.09                  | 0.0591              | 14.1   | 7.0        | 2.5          | 230.0   | 4546.1           | 330.0          | 6522.7                | 300.0              | 5929.7            | 420.0              | 8301.6            | 14.9         | 7.0        | 3.0          | 13.0        | 226.6          | 20.0           | 348.6          | 78.0                         |     |
|         | 9          | 2.47                   | 1.04   | 2.18                  | 0.0853              | 14.8   | 6.9        | 2.3          | 208.0   | 4284.8           | 410.0          | 8445.9                | 300.0              | 6179.9            | 540.0              | 11123.9           | 15.2         | 7.0        | 2.1          | 16.0        | 290.9          | 20.0           | 363.6          | 70.0                         |     |
| il      | 10         | 3.16                   | 0.74   | 3.33                  | 0.0593              | 13.6   | 7.2        | 3.4          | 168.0   | 4427.5           | 470.0          | 12386.6               | 300.0              | 7906.3            | 640.0              | 16866.8           | 14.9         | 6.9        | 2.5          | 19.0        | 527.7          | 24.0           | 666.5          |                              |     |
| T       | 11         | 2.87                   | 0.29   | 2.83                  | 0.0705              | 10.0   |            |              | 100.0   | 1127.5           | 1, 0.0         | 12000.0               | 000.0              | 1000.0            | 0,0.0              | .0000.0           | 1.1.0        |            |              | 10.0        | 027.7          | 20             |                |                              |     |
| N       | 12         | 2.73                   | 0.27   | 2.64                  | 0.0520              |        |            |              |   |                  |                |                       |                    |                   |                    |                   |              |            |              |             |                |                |                |                              |     |
| N       | 13         | 3.01                   | 0.40   | 2.81                  | 0.0651              | 13.5   | 7.2        | 2.8          | 124.0   | 3112.8           | 180.0          | 4518.6                | 245.0              | 6150.3            | 230.0              | 5773.8            | 14.0         | 7.0        | 3.0          | 15.0        | 351.5          | 22.0           | 515.6          | 12.0                         |     |
| Ť       | 14         | 2.72                   | 0.00   | 2.48                  | 0.0532              | 13,6   | 7.1        | 3.1          | 168.0   | 3811.0           | 220.0          | 4990.7                | 625.0              | 14178.0           | 280.0              | 6351.7            | 14.0         | 7.0        | 3.1          | 14.0        | 289.6          | 21.0           | 434.3          | 12.0                         |     |
| D       | 15         | 2.51                   | 0.01   | 2.27                  | 0.0495              | 13.7   | 7.3        | 2.6          | 168.0   | 3516.8           | 270.0          | 5652.0                | 570.0              | 11932.0           | 320.0              | 6698.7            | 14.6         | 7.0        | 2.7          | 11.0        | 208.2          | 23.0           | 435.4          |                              |     |
| i       | 16         | 2.62                   | 0.04   | 2.18                  | 0.0501              | 14.2   | 7.5        | 2.8          | 100.0   | 0010.0           | 210.0          |                       | 070.0              | 11002.0           | 020.0              | 0000.1            | 14.4         | 7.1        | 2.7          | 71.0        | LUGIL          |                |                |                              |     |
| 1       | 17         | 2.23                   | 0.03   | 2.11                  | 0.0560              | 13.6   | 7.3        | 3.5          | 200.0   | 3719.6           | 330.0          | 6137.4                | 430.0              | 7997.2            | 530.0              | 9857.0            | 14.2         | 7.1        | 3.2          | 20.0        | 351.9          | 26.0           | 457.5          |                              |     |
| +       | 18         | 2.19                   | 0.41   | 2.06                  | 0.0543              | 10.0   | 1,0        | 0.0          | 200.0   | 07 10.0          | 000.0          | 0101.4                | 100.0              | 1001.2            | 000.0              | 0001.0            | 1-7120       | - ' - '    | 0,2          | 20.0        |                | 20.0           | 107.10         |                              |     |
| V       | 19         | 2.39                   | 0.81   | 2.17                  | 0.0547              |        |            |              |   |                  |                |                       |                    |                   |                    |                   |              |            |              |             |                |                |                |                              |     |
| N       | 20         | 2.93                   | 0.35   | 2.77                  | 0.0548              | 13.0   | 7.4        | 2.9          | 196.0   | 4789.5           | 210.0          | 5131.6                | 391.0              | 9554.6            | 310.0              | 7575.2            | 14.2         | 7.0        | 3.0          | 23.0        | 531.3          | 25.0           | 577.5          | 22.0                         |     |
|         | 21         | 2.73                   | 0.02   | 2.56                  | 0.0559              | 13.3   | 7.0        | 3.1          | 164.0   | 3734.0           | 270.0          | 6147.4                | 496.0              | 11293.0           | 310.0              | 7058.1            | 14.1         | 6.9        | 2.8          | 14.0        | 298.9          | 23.0           | 491.1          | 78.0                         |     |
| D       | 22         | 2.42                   | 0.15   | 2.32                  | 0.0523              | 14.3   | 7.1        | 2.8          | 204.0   | 4117.3           | 320.0          | 6458.5                | 512.0              | 10333.6           | 400.0              | 8073.1            | 14.4         | 7.0        | 3.0          | 18.0        | 348.3          | 22.0           | 425.7          |                              |     |
| U       | 23         | 2.26                   | 0.07   | 2.03                  | 0.0442              | 13.3   | 7.0        | 3.2          |   |                  |                |                       |                    |                   |                    | THE RESERVE       | 15.2         | 7.0        | 4.2          |             |                |                |                |                              |     |
| i       | 24         | 2.26                   | 0.01   | 2.12                  | 0.0446              | 13.5   | 7.2        | 3.5          |   |                  |                |                       | 1 -                |                   | III III II         |                   | 14.4         | 6.9        | 2.7          |             |                |                |                |                              |     |
| Т       | 25         | 2.19                   | 0.01   | 1.99                  | 0.0795              | 1010   |            |              | -   |                  |                |                       |                    |                   |                    |                   | 14.6         | 7.0        | 2.5          |             |                |                |                |                              |     |
| N       | 26         | 2.10                   | 0.04   | 1.88                  | 0.0392              | 1      |            |              | La company  |                  |                |                       |                    |                   |                    |                   |              |            |              |             |                |                |                |                              |     |
| N       | 27         | 2.08                   | 0.16   | 1.97                  | 0.0457              | 14.4   | 7.2        | 3.0          | 168.0   | 2914.3           | 380.0          | 6591.9                | 1700.0             | 29490.2           | 370.0              | 6418.5            | 14.6         | 7.0        | 2.5          | 21.0        | 345.0          | 35.0           | 575.0          | 390.0                        |     |
| E       | 28         | 2.10                   | 0.04   | 1.94                  | 0.0757              | 13.8   | 7.2        | 2.3          | 200.0   | 3502.8           | 490.0          | 8581.9                |                    |                   |                    |                   | 14.6         | 7.0        | 3.2          | 21.0        | 339.8          | 32.0           | 517.7          | 72.0                         |     |
| D       | 29         | 1.99                   | 0.01   | 1.87                  | 0.0946              | 14.4   | 7.2        | 2.3          | 160.0   | 2655.5           | 400.0          | 6638.6                | 380.0              | 6306.7            | 790.0              | 13111.3           | 14.7         | 7.0        | 2.7          | 18.0        | 280.7          | 32.0           | 499.1          | 210                          |     |
| J       | 30         | 2.03                   | 0.30   | 1.99                  | 0.0708              | 14.4   | 7.1        | 2.9          | 212.0   | 3589.2           | 380.0          | 6433.5                | 505.0              | 8549.8            | 510.0              | 8634.4            | 14.9         | 6.9        | 3.3          | 19.0        | 315.3          | 33.0           | 547.7          |                              |     |
| I       | 31         | 2.19                   | 0.31   | 2.03                  | 0.1105              | 14.1   | 7.3        | 2.6          | 196.0   | 3579.9           | 330.0          | 6027.3                | 452.0              | 8255.6            | 610.0              | 11141.4           | 14.6         | 7.4        | 2.3          | 16.0        | 270.9          | 33.0           | 558.7          | 97                           |     |
| AL      |            | 77.46                  | 7.41   | 71.08                 | 1.92                | 100000 | 0000000    | 363130       | CONTRACTOR OF THE PARTY OF THE | 9313333          | SHALL          | BEST STREET,          | 0.556/0.556/0.5    | ********          |                    |                   |              | 160,38     |              |             |                | Marie .        |                |                              |     |
| ΛUI     | M          | 3.61                   | 1.04   | 3.33                  | 0.11                | 14.8   | 7.8        | 3.5          | 350.0   | 7531.02          | 490.0          | 12386.6               | 1700.0             | 29490.2           | 790.0              | 16866.8           | 15.2         | 7.4        | 4.2          | 30.0        | 590.5          | 35.0           | 666.5          | 390.0                        |     |
| IUN     | M          | 1.99                   | 0.00   | 1.87                  | 0.04                | 13.0   | 6.9        | 2.3          | 124.0   | 2655.46          | 180.0          | 4518.61               | 245.0              | 5929.74           | 230.0              | 5773.8            | 14.0         | 6.9        | 2.1          | 11.0        | 208.2          | 19.0           | 348.6          | 12.0                         |     |
| GE      | E.         | 2.50                   | 0.24   | 2.29                  | 0.06                | 14.0   |            | 2.8          | 194.3   | 4009.3           | 317.5          | 6480.4                | 472.4              | 9568.1            | 418.9              | 8591.0            | 14.6         | 1000       | 2.9          | 17.4        | 336.4          | 24.9           | 474.7          | 50.5                         |     |
| -       | of Analysi |                        | 31     | 31                    | 31                  | 23     | 23         | 23           | 20  | 20               | 20             | 20                    | 19                 | 19                | 19                 | 19                | 24           | 24         | 24           | 20          | 20             | 20             | 20             | 11                           |     |
| -       |            |                        |        | 01                    |                     |        |            | 014          |   | 0000000          | 2014           | and the second second | 10                 | NAME OF TAXABLE   |                    | FF WEEKLY         |              |            |              |             | YAVERA         |                | WEEKLY         | % REM                        |     |
| To      | Comments:  |                        |        |                       |                     | 7      | Hrd. mg/l  |              | 10/8/2014   |                  | ug/L           | LBS                   |                    | WEEK              |                    | BOD               | TS           |            |              | BOD         | TS             |                | COLIFORM       | B.O.D.                       | 9   |
| ď       |            |                        |        |                       |                     |        | Hrd. mg/l  | 00.0         | .0.0.2014   | Copper           | 21.0           | 0.366                 | 10/8/2014          |                   | rng/l              | lbs               | mg/l         | lbs        | mg/l         | lbs         | mg/l           | lbs            | Geo. Mean      | TSS                          | 9   |
|         |            |                        |        |                       |                     |        | Alk. mg/l  | -            | -   | Copper           | 21.0           | 0.000                 | 10.0.2014          | 1                 | 20                 | 404               | 18           | 365        | 320          | 6998        | 328            | 7145           | 16             | Floating                     | _   |
| L       |            |                        |        |                       |                     |        | D.O.mg/l   | 2.9          | -   | Lead             | ND             | ND                    | -                  | 2                 | 20                 | 422               | 14           | 294        | 438          | 9781        | 300            | 6570           | 34             | Waste, o                     |     |
|         |            |                        |        |                       |                     |        |            | 2.5          | -   | Silver           | ND             | ND                    | -                  | 3                 | -                  |                   | 15           | 300        | 340          | 7170        | 468            | 10064          | 12             | Pass/Fail                    | roa |
|         |            |                        |        |                       |                     |        | Tox. Tuc   |              |   |                  |                |                       | -                  |                   | 23                 | 461               |              |            |              |             |                |                | 41             | rass/rall                    | _   |
|         |            |                        |        |                       |                     |        |            |              |   | Zinc             | 18.0           | 0.314                 | _                  | 4                 | 23                 | 498               | 18           | 393        | 340          | 7569        | 466            | 10394          | 41             |                              |     |
|         |            |                        |        |                       |                     |        |            |              |   |                  |                |                       | 7                  | 5                 |                    |                   |              |            |              |             | 100            | 1000:          |                |                              |     |
|         |            |                        |        |                       |                     |        |            |              |   | ***NH3 mg/L      | 17             | 296.53                | 10/8/2014          | MAX               | 23                 | 498               | 18           | 393        | 438          | 9781        | 468            | 10394          | 41             |                              |     |



# Alaska Department of Environmental Conservation Division of Water, Compliance and Enforcement Program

555 Cordova Street Anchorage, Alaska 99501

Nationwide Toll Free: 1(877) 569-4114 Anchorage/International: (907) 269-4114 Fax: (907) 269-4604 E-mail address: dec-wqreporting@alaska.gov.

### NONCOMPLIANCE NOTIFICATION

| GENERAL INFORMATION   | N  | PERMIT# (if any): AK  | 002295-1   |                        |                                    |                                 |  |  |
|---|--|---|--|------------------------|------------------------------------|---------------------------------|--|--|
| Owner or Operator:  |  | Facility Name:  |  |                        | Facility Location:                 |                                 |  |  |
| City and Borough of Juneau  |  | Mendenhall WWTF   |  |                        | Juneau, AK                         |                                 |  |  |
| Person Reporting:   |  | Phone Numbers of Person Reporting:  |  |                        | Reported How? (e.g. by phone):     |                                 |  |  |
| Jim Westcott  |  | 907-586-0393  |  |                        | Compliance hot line (877) 569-4114 |                                 |  |  |
| Date/Time Event was Noticed:  |  | Date/Time Reported:   |  |                        | Name of DEC Staff Contacted:       |                                 |  |  |
| 10/28/2014 1549 hrs   |  | 10/29/2014 1115 hrs.  |  |                        | Compliance hot-line                |                                 |  |  |
| VERBAL NOTIFICATION   | MUST BE M  | IADE TO ADEC WITH   | IN 24 HOURS OF DI  | SCOVI                  | ERY OF N                           | ONCOMPL                         | IANCE  |  |
| INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)   |  |   |  |                        |                                    |                                 |  |  |
| Period of Noncompliance   |  | Time (exact): 10/27/2014 at 0845 AM End Date/Time (exact): 10/27/2014 at 0845 AM  |  |                        |                                    |                                 |  |  |
| If noncompliance has not bee N/A  | en corrected,  | provide a statement reg   | arding the anticipated   | d time t               | he noncon                          | npliance is ex                  | pected to continue:  |  |
| Estimated Quantity involved (volume or weight):   |  |   |  |                        |                                    |                                 |  |  |
| Unknown   |  |   |  |                        |                                    |                                 |  |  |
| Description of the noncompliance and its cause (be specific):   |  |   |  |                        |                                    |                                 |  |  |
| Fecal coliform grab sample on 10/27/2014 was 390 col/100ml which is over the daily limit of 224 col/100ml. At the time of sampling, the facility was discharging 22.8 NTU. The UV disinfection system was operating properly. The cause of the non-compliance is unknown. |  |   |  |                        |                                    |                                 |  |  |
| Actions taken to reduce, elim<br>(describe in detail) (e.g. Supp<br>notice)   | ninate, and probled drinking                           | revent reoccurrence of n<br>g water to nearby well ov   | oncompliance and Ac<br>wners and informed v  | tual/Po<br>vell owr    | tential Im<br>ners not to          | pact on Envi<br>drink from v    | ronmental Health<br>wells until further  |  |
| No change has been made to the facility operation.  |  |   |  |                        |                                    |                                 |  |  |
| •   |  |   |  |                        |                                    |                                 |  |  |
| Permit Condition Deviation  | (Identify each   | h normit condition aveca  | dad during the event   | 1                      | - 9-0                              |                                 | HAMMAN AND AND AND AND AND AND AND AND AND A   |  |
| Parameter (e.g. BOD pH)   |  | nit Limit   | Exceedance (samp   |                        | t)                                 | Sample Da                       | ite  |  |
| Fecal coliform  |  | 224 col/100ml daily   |  |                        |                                    | 10/27/2014                      |  |  |
| recar comorn  |  | ximum   | 390 col/100ml  |                        | 10/21/20                           |                                 | J14  |  |
|   | 1110   | XIIII   | 1 Skinter  |                        |                                    |                                 |  |  |
|   |  |   | The state of the s |                        |                                    | 20402                           | Contract Con |  |
| Corrective Actions (Attach a chances of recurrence.)  | description  | of corrective actions take  | en to restore the syste  | m to no                | rmal oper                          | ation and to                    | minimize or eliminate  |  |
| No change has been  | made to  | the facility operati  | ion.   |                        |                                    |                                 |  |  |
|   |  |   |  |                        |                                    |                                 |  |  |
| Environmental Damage: (if   |  | details heless)   |  | Г                      | T.                                 |                                 | 201  |  |
|   |  |   | Yes  |                        | No                                 |                                 | Unknown  |  |
| Actual /Potential Impact on l   | Environment  | Public Health (describe   | in detail)   |                        |                                    |                                 |  |  |
| Unknown   |  |   |  |                        |                                    |                                 |  |  |
| I certify under penalty of law that to assure that qualified personne system, or those persons directly accurate, and complete. I am aw knowing violations.   | l properly gath<br>responsible for<br>are that there a | ner and evaluate the information gathering the information are significant penalties for significant penalties for significant penalties. | ntion submitted. Based on, the information submi   | n my ind<br>tted is to | quiry of the o the best ø          | person or pers<br>f my knowledg | ons who manage the ge and belief, true,  |  |
| Name: Jim Westcott  | Title:   | Senior Operator   | Signature:   | phe                    | 1                                  | Г                               | Date: 10/29/2014   |  |
|   |  | T TO ADEC WITHIN I  |  | OMIN                   | GAWAR                              |                                 |  |  |
|   |  |   |  |                        |                                    |                                 |  |  |