

|                                |                        |                        |  |
|--------------------------------|------------------------|------------------------|--|
| Permit number: AKG-57-1000-013 | Expires: July 20, 2009 | Submit this report to: | ADEC and EPA to the addresses on Part III B of the NPDES general permit. |
| ADEC File number: 1513.45.009  |                        |                        |  |

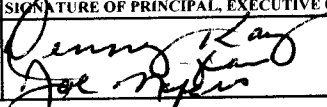
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|--|--|
| Applicant Name: City and Borough of Juneau       | Responsible party: Joe Myers/WW Utilities Superintendent |
| Address: 155 South Seward, Juneau, AK 99801      | Phone / email: (907)586-0393                             |
| Facility: Auke Bay Wastewater Treatment Facility | Onsite Contact: Cort Franklin                            |
| Location: Auke Bay, AK                           | Phone: (907)586-0393                                     |

|                                      |  |       |           |
|--------------------------------------|--|-------|-----------|
| Required Reporting Frequency Monthly | Discharge: Secondary treated wastewater discharged into Auke Bay | From: | 3/4/2007  |
|                                      |  | To:   | 3/31/2007 |

**Outfall 001**

| Parameter                            | Min. Value | Monthly Average | Weekly Average | Max. Value | Number of Analyses | Number of Violations | Units      | Frequency of Analysis | Sample Method     |
|--------------------------------------|------------|-----------------|----------------|------------|--------------------|----------------------|------------|-----------------------|-------------------|
| Dissolved Oxygen (effluent)          | Results    | 2.4             |                |            | 20                 | 0                    | mg/l       | 1/month               | Grab              |
|                                      | Limits     | 2.0             | N/A            | N/A        | report             | report               |            |                       |                   |
| Biochemical Oxygen Demand (influent) | Results    |                 | 331            | 331        | 331                | 1                    | mg/l       | 1/month               | Grab or Composite |
|                                      | Limits     | N/A             | report         | report     | report             | report               |            |                       |                   |
| Biochemical Oxygen Demand (effluent) | Results    |                 | 5.9            | 5.9        | 5.9                | 1                    | lbs/day    | 1/month               | Grab or Composite |
|                                      | Limits     | N/A             | 40             | 60         | 80.1               | report               |            |                       |                   |
| Biochemical Oxygen Demand (effluent) | Results    |                 | 11.0           | 11.0       | 11.0               | 1                    | mg/l       | 1/month               | Grab or Composite |
|                                      | Limits     | N/A             | 30             | 45         | 60                 | report               |            |                       |                   |
| pH (influent)                        | Results    | 6.6             |                |            | 7.3                | 20                   | Std. Units | 3/week                | Grab              |
|                                      | Limits     | 6.0             | N/A            | N/A        | 9.0                | report               |            |                       |                   |
| Total Suspended Solids (influent)    | Results    |                 | 332            | 332        | 332                | 1                    | mg/l       | 1/month               | Grab or Composite |
|                                      | Limits     | N/A             | report         | report     | report             | report               |            |                       |                   |
| Total Suspended Solids (effluent)    | Results    |                 | 4.8            | 4.8        | 4.8                | 1                    | lbs/day    | 1/month               | Grab or Composite |
|                                      | Limits     | N/A             | 40             | 60         | 80.1               | report               |            |                       |                   |
| Total Suspended Solids (effluent)    | Results    |                 | 9.0            | 9.0        | 9.0                | 1                    | mg/l       | 1/month               | Grab or Composite |
|                                      | Limits     | N/A             | 30             | 45         | 60                 | report               |            |                       |                   |
| Fecal Coliform Bacteria (effluent)   | Results    |                 | 1.0            | 1.0        | 1.0                | 1                    | #/100 ml   | 1/month               | Grab              |
|                                      | Limits     | N/A             | 200            | 400        | 800                | report               |            |                       |                   |
| Flow Rate (effluent or inflow)       | Results    |                 | 0.0626         | 0.0637     | 0.0858             | 28                   | mgd        | Daily 5/week          | Measured/recorded |
|                                      | Limits     | N/A             | report         | report     | 0.16               | report               |            |                       |                   |
| Total Residual Chlorine (effluent)   | Results    |                 | 0.07           | 0.16       | 0.28               | 13                   | mg/l       | 3/week                | Grab              |
|                                      | Limits     | N/A             | 0.50           | N/A        | 1.0                | report               |            |                       |                   |
| Biochemical Oxygen Demand % removal  | Results    | 96.7            |                |            |                    |                      | %          | 1/month               | Calculated        |
|                                      | Limits     | 85%             | N/A            | N/A        | N/A                | report               |            |                       |                   |
| Total Suspended Solids % removal     | Results    | 97.3            |                |            |                    |                      | %          | 1/month               | Calculated        |
|                                      | Limits     | 85%             | N/A            | N/A        | N/A                | report               |            |                       |                   |

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE 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 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.

|  |  |
|--|--|
| NAME, TITLE OF PRINCIPAL EXECUTIVE OFFICER | SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT                        |
| Joe Myers, WW Superintendent               |  |
|  | DATE: 4/9/10   |
|  | TELEPHONE: (907) 586-0393  |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENT HERE)

CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD

EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY  
Juneau, Alaska

March 2010

| FLOWS          |      |                 |                        |           |     |              |            |            |             | INFLUENT  |     |              |            |            | EFFLUENT    |                             |                  |             |                | MISCELLANEOUS |  |  |
|----------------|------|-----------------|------------------------|-----------|-----|--------------|------------|------------|-------------|-----------|-----|--------------|------------|------------|-------------|-----------------------------|------------------|-------------|----------------|---------------|--|--|
| DAY            | DATE | INFLUENT<br>MGD | WASTE<br>SLUDGE<br>MGD | TEMP<br>F | pH  | D.O.<br>mg/L | SS<br>mg/L | BOD<br>LBS | BOD<br>mg/L | TEMP<br>C | pH  | D.O.<br>mg/L | SS<br>mg/L | BOD<br>LBS | BOD<br>mg/L | FECAL<br>COLIFORM<br>100 ml | RESIDUAL<br>mg/L | USED<br>LBS | NA2S2O3<br>LBS |               |  |  |
| SUN            | 28   | 0.04828         | 0.0030                 |           |     |              |            |            |             | 10.2      | 6.8 | 2.4          |            |            |             |                             | 0.00             | 2.86        | 2.17           |               |  |  |
| TUE            | 2    | 0.05544         | 0.0045                 |           |     |              |            |            |             | 10.1      | 6.8 | 3.0          |            |            |             |                             | 0.02             | 1.34        | 2.48           |               |  |  |
| WED            | 3    | 0.06422         | 0.0030                 | 8.8       | 6.9 | 8.1          | 332        | 178        | 331         | 9.9       | 6.8 | 3.2          | 9.0        | 5          | 11.0        | 6                           | 2.01             | 2.01        | 2.48           |               |  |  |
| THU            | 4    | 0.06900         | 0.0045                 |           |     |              |            |            |             | 9.7       | 6.8 | 3.2          |            |            |             |                             | 0.03             | 2.01        | 2.79           |               |  |  |
| FRI            | 5    | 0.08027         | 0.0030                 |           |     |              |            |            |             | 10.3      | 7.3 | 5.4          |            |            |             |                             |                  | 2.01        | 2.79           |               |  |  |
| SAT            | 6    | 0.08328         | 0.0030                 |           |     |              |            |            |             |           |     |              |            |            |             |                             |                  | 2.01        | 2.79           |               |  |  |
| SUN            | 7    | 0.05421         | 0.0030                 |           |     |              |            |            |             | 9.5       | 6.8 | 3.9          |            |            |             |                             | 0.02             | 1.34        | 2.48           |               |  |  |
| MON            | 8    | 0.06155         | 0.0015                 |           |     |              |            |            |             | 9.4       | 7.0 | 2.7          |            |            |             |                             |                  | 1.34        | 2.48           |               |  |  |
| TUE            | 9    | 0.06456         | 0.0030                 |           |     |              |            |            |             | 9.4       | 6.7 | 2.5          |            |            |             |                             | 0.00             | 1.34        | 3.10           |               |  |  |
| WED            | 10   | 0.06142         | 0.0045                 |           |     |              |            |            |             | 9.4       | 6.7 | 2.7          |            |            |             |                             | 0.00             | 1.34        | 3.10           |               |  |  |
| THU            | 11   | 0.06187         | 0.0045                 |           |     |              |            |            |             | 9.8       | 6.9 | 2.7          |            |            |             |                             | 0.03             | 6.70        | 4.34           |               |  |  |
| FRI            | 12   | 0.06105         | 0.0030                 |           |     |              |            |            |             | 10.3      | 7.2 | 5.0          |            |            |             |                             |                  | 6.70        | 4.34           |               |  |  |
| SAT            | 13   | 0.06097         | 0.0030                 |           |     |              |            |            |             |           |     |              |            |            |             |                             |                  | 8.04        | 2.17           |               |  |  |
| SUN            | 14   | 0.06006         | 0.0030                 |           |     |              |            |            |             |           |     |              |            |            |             |                             |                  | 8.04        | 2.17           |               |  |  |
| MON            | 15   | 0.06500         | 0.0030                 |           |     |              |            |            |             | 9.7       | 6.9 | 2.8          |            |            |             |                             | 0.07             | 6.03        | 3.10           |               |  |  |
| TUE            | 16   | 0.05790         | 0.0030                 |           |     |              |            |            |             | 9.7       | 6.8 | 2.5          |            |            |             |                             | 0.14             | 6.70        | 3.10           |               |  |  |
| WED            | 17   | 0.06034         | 0.0045                 |           |     |              |            |            |             | 10.2      | 7.2 | 2.7          |            |            |             |                             |                  | 5.36        | 2.48           |               |  |  |
| THU            | 18   | 0.06370         | 0.0030                 |           |     |              |            |            |             | 9.8       | 6.7 | 2.6          |            |            |             |                             |                  | 3.35        | 3.10           |               |  |  |
| FRI            | 19   | 0.06550         | 0.0030                 |           |     |              |            |            |             | 9.9       | 6.8 | 2.8          |            |            |             |                             |                  | 0.67        | 3.10           |               |  |  |
| SAT            | 20   | 0.06524         | 0.0030                 |           |     |              |            |            |             |           |     |              |            |            |             |                             |                  | 1.34        | 3.10           |               |  |  |
| SUN            | 21   | 0.05852         | 0.0030                 |           |     |              |            |            |             | 9.9       | 6.8 | 2.7          |            |            |             |                             |                  | 1.34        | 3.10           |               |  |  |
| MON            | 22   | 0.03885         | 0.0030                 |           |     |              |            |            |             | 9.9       | 6.8 | 2.7          |            |            |             |                             |                  | 0.67        | 2.48           |               |  |  |
| TUE            | 23   | 0.07705         | 0.0030                 |           |     |              |            |            |             | 10.7      | 6.6 | 3.2          |            |            |             |                             | 0.28             | 1.34        | 2.17           |               |  |  |
| WED            | 24   | 0.06560         | 0.0048                 |           |     |              |            |            |             | 9.7       | 7.2 | 3.0          |            |            |             |                             | 0.18             | 2.01        | 2.17           |               |  |  |
| THU            | 25   | 0.07800         | 0.0030                 |           |     |              |            |            |             | 10.1      | 6.9 | 2.8          |            |            |             |                             |                  | 1.34        | 3.72           |               |  |  |
| FRI            | 26   | 0.04202         | 0.0030                 |           |     |              |            |            |             | 10.2      | 7.1 | 2.7          |            |            |             |                             |                  | 2.01        | 3.10           |               |  |  |
| SAT            | 27   | 0.06782         | 0.0030                 |           |     |              |            |            |             |           |     |              |            |            |             |                             |                  | 2.01        | 3.10           |               |  |  |
| TOTAL          |      | 1.75238         | 0.09175                |           |     |              |            |            |             |           |     |              |            |            |             |                             |                  | 77.05       |                |               |  |  |
| MAXIMUM        |      | 0.08560         | 0.00475                |           | 8.8 | 6.9          | 8.1        | 332        | 178         | 10.7      | 7.3 | 5.4          | 9          | 5          | 11          | 6                           | 0.28             | 8.04        | 4.34           |               |  |  |
| MINIMUM        |      | 0.03995         | 0.00150                |           | 8.8 | 6.9          | 8.1        | 332        | 178         | 9.4       | 6.6 | 2.4          | 9          | 5          | 11          | 6                           | 0.00             | 0.67        | 2.17           |               |  |  |
| AVERAGE        |      | 0.06259         | 0.00328                |           | 8.8 | 6.9          | 8.1        | 332        | 178         | 9.9       | 6.9 | 3.1          | 9          | 5          | 11          | 6                           | 0.07             | 2.75        | 2.87           |               |  |  |
| NO OF ANALYSIS |      | 28              |                        |           |     |              | 1          | 1          | 1           |           | 20  | 20           | 1          | 1          | 1           | 1                           | 13               |             |                |               |  |  |

| WEEKLY AVERAGE |         |      |      |          |          |          |      |         |      | % REMOVAL |     |    |
|----------------|---------|------|------|----------|----------|----------|------|---------|------|-----------|-----|----|
| WEEK           | FLOW    | BOD  | TSS  | CHLORINE | COLIFORM | RESIDUAL | USED | NA2S2O3 | BOD  | SS        | BOD | SS |
| 1              | 0.06325 | 11.0 | 5.9  | 9.0      | 4.8      | 0.02     | 1.9  | 1.0     | 96.7 | 97.3      |     |    |
| 2              | 0.06132 |      |      |          |          | 0.02     | 3.1  |         |      |           |     |    |
| 3              | 0.06203 |      |      |          |          | 0.07     | 4.5  |         |      |           |     |    |
| 4              | 0.06374 |      |      |          |          | 0.16     | 1.5  |         |      |           |     |    |
| MAX            | 0.06374 | 11.0 | 5.99 | 9.0      | 4.8      | 0.16     | 4.5  | 1.0     |      |           |     |    |

COMMENTS:  
\*GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES