

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments**Attachments**

No attachments.

Report Last Saved By**AUKE BAY WWTF**

User: KASEWELL
Name: karen sewell
E-Mail: karen.sewell@juneau.org
Date/Time: 2017-10-06 13:25 (Time Zone:-08:00)

Report Last Signed By

User: CBJWASTEWATER
Name: Randall Brown
E-Mail: randall.brown@juneau.org
Date/Time: 2017-10-10 12:44 (Time Zone:-08:00)

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Parameter		NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3			
			Req Mon MO AVG	<=.16 DAILY MX	03 - MGD					05/WK - Five Per Week	MS - MEASRD
NODI: -		NODI									
50060	Chlorine, total residual	Smpl.				=0.01	=0.04	19 - mg/L	0	03/07 - Three Per Week	GR - GRAB
1 - Effluent Gross											
Season: 0		Req.				<=.5 MO AVG	<=1 DAILY MX	19 - mg/L		03/07 - Three Per Week	GR - GRAB
NODI: -		NODI									
61211	Enterococci	Smpl.					=720	13 - #/100mL	0	09/99 - See Permit	GR - GRAB
1 - Effluent Gross											
Season: 0		Req.					Req Mon DAILY MX	13 - #/100mL		09/99 - See Permit	GR - GRAB
NODI: -		NODI									
74055	Coliform, fecal general	Smpl.				=8	=430	13 - #/100mL	0	01/30 - Monthly	GR - GRAB
1 - Effluent Gross											
Season: 0		Req.				<=200 MO GEOMN	<=800 DAILY MX	13 - #/100mL		01/30 - Monthly	GR - GRAB
NODI: -		NODI									
81010	BOD, 5-day, percent removal	Smpl.			=96			23 - %	0	01/30 - Monthly	CA - CALCTD
K - Percent Removal											
Season: 0		Req.			>=85 MO MIN			23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		NODI									
81011	Solids, suspended percent removal	Smpl.			=99			23 - %	0	01/30 - Monthly	CA - CALCTD
K - Percent Removal											
Season: 0		Req.			>=85 MO MIN			23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		NODI									

Parameter		NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3			
00300	Oxygen, dissolved [DO]										
		Smpl.			=3.3			19 - mg/L	0	01/30 - Monthly	GR - GRAB
1 - Effluent Gross											
Season: 0		Req.			>=2 DAILY MN			19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C										
		Smpl.	=6	=12	26 - lb/d	=10	=15	19 - mg/L	0	01/30 - Monthly	CG - CMPGRB
1 - Effluent Gross											
Season: 0		Req.	<=40 MO AVG	<=80 DAILY MX	26 - lb/d	<=30 MO AVG	<=60 DAILY MX	19 - mg/L		01/30 - Monthly	CG - CMPGRB
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C										
		Smpl.				=233		19 - mg/L	0	01/30 - Monthly	CG - CMPGRB
G - Raw Sewage Influent											
Season: 0		Req.				Req Mon MO AVG		19 - mg/L		01/30 - Monthly	CG - CMPGRB
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C										
		Smpl.	=8		26 - lb/d	=13		19 - mg/L	0	01/30 - Monthly	CG - CMPGRB
W - See Comments											
Season: 0		Req.	<=60 WKLY AVG		26 - lb/d	<=45 WKLY AVG		19 - mg/L		01/30 - Monthly	CG - CMPGRB
NODI: -		NODI									
00400	pH										
		Smpl.			=7.1		=7.2	12 - SU	0	01/30 - Monthly	GR - GRAB
1 - Effluent Gross											
Season: 0		Req.				>=6 INST MIN	<=9 INST MAX	12 - SU		01/30 - Monthly	GR - GRAB
NODI: -		NODI									
00530	Solids, total suspended										
		Smpl.	=1	=5	26 - lb/d	=2	=7	19 - mg/L	0	01/30 - Monthly	CG - CMPGRB
1 - Effluent Gross											
Season: 0		Req.	<=40 MO AVG	<=80 DAILY MX	26 - lb/d	<=30 MO AVG	<=60 DAILY MX	19 - mg/L		01/30 - Monthly	CG - CMPGRB
NODI: -		NODI									
00530	Solids, total suspended										
		Smpl.				=189		19 - mg/L	0	01/30 - Monthly	CG - CMPGRB
G - Raw Sewage Influent											
Season: 0		Req.				Req Mon MO AVG		19 - mg/L		01/30 - Monthly	CG - CMPGRB
NODI: -		NODI									
00530	Solids, total suspended										
		Smpl.	=3		26 - lb/d	=4		19 - mg/L	0	01/30 - Monthly	CG - CMPGRB
W - See Comments											
Season: 0		Req.	<=60 WKLY AVG		26 - lb/d	<=45 WKLY AVG		19 - mg/L		01/30 - Monthly	CG - CMPGRB
NODI: -		NODI									
50050	Flow, in conduit or thru treatment plant										
		Smpl.	=0.07	=0.1	03 - MGD				0	05/WK - Five Per Week	MS - MEASRD
1 - Effluent Gross											
Season: 0		Req.									

Permit

Permit ID: AKG572004
Permittee: AUKE BAY WWTF
Facility: AUKE BAY WASTEWATER TREATMENT FACILITY

Major:
Permittee Address: 2009 RADCLIFFE
 JUNEAU , AK99801
Facility Location: 11825 GLACIER HIGHWAY
 CITY AND BOROUGH OF JUNEAU
 AUKE BAY , AK99801
Discharge: 001-A - DISCHARGE TO AUKE BAY

Permitted Feature: 001 - External Outfall

Report Dates & Status

Monitoring Period: From 09/01/17 to 09/30/17
Status: **NetDMR Validated**

DMR Due Date: 10/15/17

Considerations for Form Completion

"W" = WEEKLY AVERAGE

Principal Executive Officer

First Name: Randall
Title: Wastewater Treatment Plant Supervisor

Last Name: Brown
Telephone: 907-586-0393

No Data Indicator (NODI)

Form NODI: -

Parameter		NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3			

User: CBJWASTEWATER, Permittee User



[View Certification](#) | [Download COR](#)

DMR Copy of Submission

AUKE BAY WASTEWATER TREATMENT FACILITY- JUNEAU, ALASKA
 Juneau, Alaska
 September 2017

DAY	INFLUENT										EFFLUENT										MISCELLANEOUS				
	DATE	INFLUENT MGD	WASTE SLUDGE MGD	TEMP °C	PH	D.O. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	FOG mg/L	NH3	TEMP °C	PH	D.O. mg/L	S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	FOG mg/L	Ethero /100 ml	FECAL COLIFORM /100 ml	CL RESIDUAL mg/L	Mg2SO3 USED LBS		
FRI	1	0.09435	0.00250	14.6	7.8	6.2						15.1	7.2	4.0								0.03	2.00	7.75	
SAT	2	0.07727	0.00200																				2.00	6.20	
SUN	3	0.06763	0.00200																				2.00	5.89	
MON	4	0.08991	0.00300	14.0	7.6	6.3						15.8	7.2	3.6								0.01	2.00	5.58	
TUE	5	0.07347	0.00250	14.8	7.8	5.3	260	159	260	159	260	15.9	7.2	3.3	1	0.6	7	4		720	5	0.02	2.00	5.58	
WED	6	0.07186	0.00250	13.9	7.5	5.7	185	144	240	144	240	15.9	7.2	3.7	1	0.6	9	5				0.02	2.00	5.89	
THU	7	0.07502	0.00250	15.5	8.0	5.0						16.3	7.2	3.5								0.00	2.00	5.58	
FRI	8	0.08632	0.00250	14.1	7.5	6.8						16.4	7.2	3.4								0.01	1.00	6.20	
SAT	9	0.09897	0.00200																			2.00	5.27		
SUN	10	0.08325	0.00200																			2.00	7.13		
MON	11	0.07474	0.00250	16.2	7.6	5.9						16.1	7.2	3.9								0.01	2.00	7.44	
TUE	12	0.06331	0.00300	14.9	7.5	6.1	264	139	270	143	264	15.9	7.1	3.8	1	0.5	10	5		1	0.01	1.00	5.89		
WED	13	0.06011	0.00300	16.1	8.0	6.1	196	98	290	145	196	16.4	7.1	3.8	1	0.5	10	5			0.00	2.00	5.58		
THU	14	0.05619	0.00300	15.7	7.6	5.2						16.5	7.1	4.1								0.00	2.00	5.27	
FRI	15	0.06017	0.00300	15.6	7.7	5.2						16.7	7.1	3.8								0.00	2.00	5.58	
SAT	16	0.05527	0.00200																			3.00	5.89		
SUN	17	0.05460	0.00200																			3.00	4.96		
MON	18	0.05631	0.00350	15.4	7.9	5.4						15.9	7.1	3.9								0.00	2.00	4.65	
TUE	19	0.05637	0.00200	15.7	8.2	5.6	147	69	220	103	147	15.9	7.1	3.7	1	0.5	7	3		430	0.04	2.00	5.27		
WED	20	0.05462	0.00200	15.0	7.9	5.6	164	75	230	105	164	15.9	7.1	3.7	1	0.5	12	5			0.04	2.00	5.89		
THU	21	0.05732	0.00238	15.9	7.7	5.9						16.2	7.1	4.0								0.00	2.00	6.20	
FRI	22	0.06328	0.00300	14.8	7.8	5.1						16.1	7.1	3.8								0.01	2.00	4.65	
SAT	23	0.06599	0.00150																			2.00	5.27		
SUN	24	0.06793	0.00150																			2.00	5.58		
MON	25	0.06516	0.00300	14.7	7.9	5.7						15.3	7.1	3.6								0.01	2.00	5.89	
TUE	26	0.06393	0.00300	14.5	7.6	7.0	114	61	160	85	114	15.1	7.1	3.7	1	0.5	10	5			0.00	2.00	5.89		
WED	27	0.09273	0.00250	14.0	7.7	5.9	182	141	190	147	182	15.2	7.1	3.9	7	5.3	15	12		2	0.00	3.00	7.13		
THU	28	0.08873	0.00283	14.2	7.7	6.4						14.8	7.1	3.7								0.00	2.00	7.75	
FRI	29	0.06351	0.00267	15.6	8.0	6.3						14.5	7.1	3.8								0.00	3.00	7.13	
SAT	30	0.06035	0.00200																			2.00	7.13		
TOTAL		2.09869	0.07387									16.7	7.2	4.1	7	5.3	15	12			720	62.00			
MAXIMUM		0.09897	0.00350	16.2	8.2	7.0	264	159	290	159	264	16.7	7.2	4.1	7	5.3	15	12			430	0.0	3	7.8	
MINIMUM		0.05460	0.00150	13.9	7.5	5.0	114	61	160	85	114	14.5	7.1	3.3	1	0.5	7	3			720	0.0	1	4.7	
AVERAGE		0.06996	0.00246	15.0	7.8	5.8	189	107	233	129	189	15.8	7.2	3.7	2	1.1	10	6			720	0.0	2	5.9	
NO. OF ANALYSIS		30	30	21	21	21	8	8	8	8	8	21	21	21	8	8	8	8	8	0	1	4	21	30	30

% REMOVAL	
B.O.D.	95.7
S.S.	99.1

WEEK	BOD			TSS			CHLORINE			WEEKLY AVERAGE		WEEKLY COLIFORM	
	mg/l	lbs	mg/l	mg/l	lbs	mg/l	Gal	mg/l	Gal	Geo. Mean	Geo. Mean		
1	7.8	4.7	1.0	0.6	0.0120	2	5						
2	10.0	5.1	1.0	0.5	0.0040	2	1						
3	9.4	4.3	1.0	0.5	0.0180	2	430						
4	12.5	8.5	3.9	2.9	0.0020	2.3	2.0						
MAX.	12.5	8.5	3.9	2.9	0.0180	2.3	430.0						

Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Catherine Carlson
 MAILING ADDRESS: 2009 Radcliffe
 Juneau, AK 99801

FACILITY: Auke Bay WWTF
 LOCATION: 11825 GLACIER HWY
 Juneau, AK 99801

PERMIT NUMBER: AKG572004

OUTFALL / MONITORING POINT: 001A Discharge into Auke Bay

MONITORING PERIOD: 9/1/2017

TO 9/30/2017

NO DISCHARGE:

Parameter	Sample meas. Permit reqmt.	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Dissolved Oxygen 1 - Final Effluent 00300	Sample meas.	*****	*****		3.3	*****	*****	0			
	Permit reqmt.	*****	*****		2.0 daily minimum	*****	*****	0		Monthly	Grab
Biochemical Oxygen Demand (BOD5)	Sample meas.	6	12		*****	10	15	0			
	Permit reqmt.	40 monthly average	80 daily maximum	lbs/day	*****	30 monthly average	60 daily maximum	0		Monthly	Grab-Composite
Biochemical Oxygen Demand (BOD5) G - Influent 00310	Sample meas.	*****	*****		*****	233	*****	0			
	Permit reqmt.	*****	*****		*****	Report monthly average	*****	0		Monthly	Grab-Composite
Biochemical Oxygen Demand (BOD5) W - See Comments 00310	Sample meas.	8	*****		*****	13	*****	0			
	Permit reqmt.	60 weekly average	*****	lbs/day	*****	45 weekly average	*****	0		Monthly	Grab-Composite
pH	Sample meas.	*****	*****		7.1	*****	7.2				
	Permit reqmt.	*****	*****		6.0 daily minimum	*****	9.0 daily maximum			3X Weekly	Grab
Total Suspended Solids 1 - Final Effluent 00530	Sample meas.	1	5		*****	2	7	0			
	Permit reqmt.	40 monthly average	80 daily maximum	lbs/day	*****	30 monthly average	60 daily maximum	0		Monthly	Grab-Composite
Total Suspended Solids G - Influent 00530	Sample meas.	*****	*****		*****	189	*****	0			
	Permit reqmt.	*****	*****		*****	Report monthly average	*****	0		Monthly	Grab-Composite

Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Catherine Carlson
 MAILING ADDRESS: 2009 Radcliffe
 Juneau, AK 99801

FACILITY: Auke Bay WWTF
 LOCATION: 11825 GLACIER HWY
 Juneau, AK 99801

PERMIT NUMBER: AKG572004
 OUTFALL / MONITORING POINT: 001A Discharge into Auke Bay
 MONITORING PERIOD: 9/1/2017 TO 9/30/2017
 NO DISCHARGE:

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Maximum				
Total Suspended Solids W - See Comments 00530	Sample meas. 3	*****		*****	*****		0		
	Permit reqmt. 60 weekly average	*****	lbs/day	*****	*****	mg/l		Monthly	Grab-Composite
Flow 1 - Final Effluent 50050	Sample meas. 0.07	0.10		*****	*****		0		
	Permit reqmt. Report monthly average	0.16 daily maximum	MGD	*****	*****			5X Weekly	Measured
Total Residual Chlorine 1 - Final Effluent 50060	Sample meas. *****	*****		*****	0.04		0		
	Permit reqmt. *****	*****		*****	1.0 daily maximum	mg/l		3X Weekly	Grab
Enterococci 1 - Final Effluent 61211	Sample meas. *****	*****		*****	720		0		
	Permit reqmt. *****	*****		*****	Report daily maximum	cts/100 ml		See Permit Requirements	Grab
Fecal Coliform 1 - Final Effluent 74055	Sample meas. *****	*****		*****	430		0		
	Permit reqmt. *****	*****		*****	800 daily maximum	cts/100 ml		Monthly	Grab
BOD5 Minimum % Removal K - Percent Removal 81010	Sample meas. *****	*****		96	*****		0		
	Permit reqmt. *****	*****		85 minimum percent removal	*****	%		Monthly	Calculation
Total Suspended Solids Minimum % Removal K - Percent Removal 81011	Sample meas. *****	*****		99	*****		0		
	Permit reqmt. *****	*****		85 minimum percent removal	*****	%		Monthly	Calculation

Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Catherine Carlson
 MAILING ADDRESS: 2009 Radcliffe
 Juneau, AK 99801

FACILITY: Auke Bay WWTF
 LOCATION: 11825 GLACIER HWY
 Juneau, AK 99801

PERMIT NUMBER: AKG572004

OUTFALL / MONITORING POINT: 001A Discharge into Auke Bay

MONITORING PERIOD: 9/1/2017

TO 9/30/2017
 NO DISCHARGE:

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Average				
COMMENTS: W = Average Weekly Effluent Limits; For Enterococci Bacteria monitoring requirements see Section 2.4 of the permit									

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 PRINCIPLE EXECUTIVE OFFICE CATHERINE CARLSON/Wastewater Treatment Plant Operator TYPED OR PRINTED	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 evaluated 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.	TELEPHONE 907 586-0393 AREA/NUMBER	DATE YY/MM/DD
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			