

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

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-Feb-15

TO 28-Feb-15

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

NO DISCHARGE:

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Temperature (C) 1 - Final Effluent 00010	Sample meas.	*****	*****		*****	11.99	13.20		0		
	Permit reqmt.	*****	*****		*****	Report monthly average	Report daily maximum	DEG.C		5X Weekly	Grab
Dissolved Oxygen 1 - Final Effluent 00300	Sample meas.	*****	*****		1.91	*****	3.97		0		
	Permit reqmt.	*****	*****		Report daily minimum	*****	Report daily maximum	mg/l		Monthly	Grab
Biochemical Oxygen Demand (BOD5) 1 - Final Effluent 00310	Sample meas.	898.15	1484.52		*****	58.15	100.00		10		
	Permit reqmt.	1226 monthly average	2452 daily maximum	lbs/day	*****	30 monthly average	60 daily maximum	mg/l		2X Monthly	24-Hr Composite
Biochemical Oxygen Demand (BOD5) G - Influent 00310	Sample meas.	*****	*****		*****	342.80	*****		0		
	Permit reqmt.	*****	*****		*****	Report monthly average	*****	mg/l		2X Monthly	24-Hr Composite
Biochemical Oxygen Demand (BOD5) W - See Comments 00310	Sample meas.	1111.64	*****		*****	67.80	*****		3		
	Permit reqmt.	1839 weekly average	*****	lbs/day	*****	45 weekly average	*****	mg/l		2X Monthly	24-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GRIEBO TEMPEL	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.	TELEPHONE 907.586.0393	DATE 15/03/11
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D

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

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-Feb-15

TO 28-Feb-15

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

NO DISCHARGE:

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
pH	Sample meas.	*****	*****		6.65	*****	6.89		0		
	1 - Final Effluent 00400 Permit reqmt.	*****	*****		6.3 instantaneous minimum	*****	8.5 instantaneous maximum	S.U.		5X Weekly	Grab
Alkalinity, Total (as CaCO3)	Sample meas.	*****	*****		*****	NA	NA		0		
	1 - Final Effluent 00410 Permit reqmt.	*****	*****		*****	Report monthly average	Report daily maximum	mg/l		Quarterly	24-Hr Composite
Total Suspended Solids	Sample meas.	1067.50	2672.14		*****	69.70	180.00		12		
	1 - Final Effluent 00530 Permit reqmt.	1226 monthly average	2452 daily maximum	lbs/day	*****	30 monthly average	60 daily maximum	mg/l		2X Monthly	24-Hr Composite
Total Suspended Solids	Sample meas.	*****	*****		*****	191.10	*****		0		
	G - Influent 00530 Permit reqmt.	*****	*****		*****	Report monthly average	*****	mg/l		2X Monthly	24-Hr Composite
Total Suspended Solids	Sample meas.	1693.70	*****		*****	116.20	*****		4		
	W - See Comments 00530 Permit reqmt.	1839 weekly average	*****	lbs/day	*****	45 weekly average	*****	mg/l		2X Monthly	24-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GRIEKO TEMPEL	I certify under penalty of law that this document and all attachments were prepared under my direct on 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.	TELEPHONE 907-586-0395	DATE 10/02/15
			AREA NUMBER
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		

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

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-Feb-15

TO 28-Feb-15

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

NO DISCHARGE:

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Ammonia Nitrogen (as N) 1 - Final Effluent 00610	Sample meas.	211.57	211.57	lbs/day	*****	15.00	15.00	mg/l	0	Monthly	24-Hr Composite
	Permit reqmt.	Report monthly average	Report daily maximum		*****	Report monthly average	Report daily maximum				
Hardness, Total (as CaCO3) 1 - Final Effluent 00900	Sample meas.	*****	*****		*****	74.00	74.00	mg/l	0	Monthly	24-Hr Composite
	Permit reqmt.	*****	*****		*****	Report monthly average	Report daily maximum				
Silver Total Recoverable 1 - Final Effluent 01079	Sample meas.	*****	*****		*****	NA	NA	ug/l	0	See Permit Requirements	24-Hr Composite
	Permit reqmt.	*****	*****		*****	Report monthly average	Report daily maximum				
Zinc Total Recoverable 1 - Final Effluent 01094	Sample meas.	*****	*****		*****	NA	NA	ug/l	0	See Permit Requirements	24-Hr Composite
	Permit reqmt.	*****	*****		*****	Report monthly average	Report daily maximum				
Lead Total Recoverable 1 - Final Effluent 01114	Sample meas.	*****	*****		*****	NA	NA	ug/l	0	See Permit Requirements	24-Hr Composite
	Permit reqmt.	*****	*****		*****	Report monthly average	Report daily maximum				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GRIEKO TEMPEL	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.	TELEPHONE 907.586.0293	DATE 15/03/11
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D

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

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-Feb-15

TO 28-Feb-15

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

NO DISCHARGE:

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Copper Total Recoverable 1 - Final Effluent 01119	Sample meas.	0.00048	0.00048		*****	0.03	0.03		0		
	Permit reqmt.	1.82 monthly average	3.92 daily maximum	lbs/day	*****	44.5 monthly average	95.8 daily maximum	ug/l		Monthly	24-Hr Composite
Chronic Toxicity 1 - Final Effluent TTOO	Sample meas.	*****	*****		*****	NA	NA		0		
	Permit reqmt.	*****	*****		*****	Report monthly average	Report daily maximum	TUC		See Permit Requirements	24-Hr Composite
Floating solids, waste or visible foam-visual 1 - Final Effluent 45613	Sample meas.	*****	*****		*****	*****	P		0		
	Permit reqmt.	*****	*****		*****	*****	Report value	pass/fail		Monthly	Visual
Flow 1 - Final Effluent 50050	Sample meas.	1.84	2.24		*****	*****	*****		0		
	Permit reqmt.	Report monthly average	4.9 daily maximum	MGD	*****	*****	*****			Continuous	Recorded
Fecal Coliform 1 - Final Effluent 74055	Sample meas.	*****	*****		*****	157.20	20000.00		4		
	Permit reqmt.	*****	*****		*****	112 monthly geometric mean	224 daily maximum	cts/100 ml		Weekly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GRIEKO TEMPEL	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.	TELEPHONE 907-586-0393	DATE 1/15/03/11
			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
TYPED OR PRINTED			

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

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-Feb-15

TO 28-Feb-15

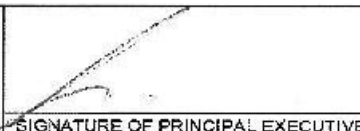
OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

NO DISCHARGE:

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Fecal Coliform W - See Comments 74055	Sample meas.	*****	*****		*****	1722.35	*****	cts/100 ml	1	Weekly	Grab
	Permit reqmt.	*****	*****	*****	168 weekly geometric mean	*****					
BOD5 Minimum % Removal K - Percent Removal 81010	Sample meas.	*****	*****		83.04	*****	*****	%	1	Monthly	Calculation
	Permit reqmt.	*****	*****	85 minimum	*****	*****					
Total Suspended Solids Minimum % Removal K - Percent Removal 81011	Sample meas.	*****	*****		63.53	*****	*****	%	1	Monthly	Calculation
	Permit reqmt.	*****	*****	85 minimum	*****	*****					

COMMENTS:

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 prepared under my direction or supervision in accordance with a system designed to assure that qualified persons 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 OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			907.586.0393	15/03/11
TYPED OR PRINTED			AREA NUMBER	Y M D



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		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK 99801
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Via this notification
Date/Time Event was Noticed: 2/17/2015	Date/Time Reported: 03/10/2015	Name of DEC Staff Contacted: N/A

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 02/01/2015	End Date/Time (exact): 02/07/2015
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A		
Estimated Quantity involved (volume or weight): 13.12 MG (effluent flow discharged 02/1/2015 through 02/07/2015)		
Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system.. Chemical dosage of the inventory showed little or no improvement. of settleability		
Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)		
Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.		

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD p11)	Permit Limit	Exceedance (sample result)	Sample Date
TSS weekly avg. concentration	45 mg/l	53.2 mg/l	02/01/2015 through 02/07/2015 (week 1)

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)


Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)

Unknown

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: Grieko Tempel Title: Senior Operator Signature:  Date: 03/10/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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		PERMIT# (if any): AK-0022951	
Owner or Operator: City and Borough of Juneau		Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK 99801
Person Reporting: Grieko Tempel		Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Via this notification
Date/Time Event was Noticed: 03/05/2015		Date/Time Reported: 03/10/2015	Name of DEC Staff Contacted: N/A
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE			
INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)			
Period of Noncompliance	Start Date/Time (exact): 02/01/2015	End Date/Time (exact): 02/28/2015	
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A			
Estimated Quantity involved (volume or weight): 51.62 MG (effluent flow discharged 02/01/2015 through 02/28/2015)			
Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability			
Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.			
Permit Condition Deviation (Identify each permit condition exceeded during the event.)			
Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
TSS weekly avg. concentration	30 mg/l	69.7 mg/l	02/01/2015 through 02/28/2015
BOD weekly avg. concentration	30 mg/l	58.2 mg/l	
Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.			
Environmental Damage: (if yes, provide details below) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown			
Actual /Potential Impact on Environment/Public Health (describe in detail) Unknown			
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: Grieko Tempel	Title: Senior Operator	Signature:	Date: 03/10/2015
FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.			



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		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK 99801
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Via this notification
Date/Time Event was Noticed: 03/05/2015	Date/Time Reported: 03/10/2015	Name of DEC Staff Contacted: N/A

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance **Start Date/Time (exact):**02/01/2015 **End Date/Time (exact):**02/28/2015

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):
51.62 MG (effluent flow discharged 02/01/2015 through 02/28/2015)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.

Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced from 12 days to 11 days and we are wasting to meet that target.

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
TSS percentage removal	85 %	63.5 %	02/01/2015 through 02/28/2015
BOD percentage removal	85 %	83.0 %	

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)


Operational strategies have been revised. The SRT has been reduced from 12 days to 11 days and we are wasting to meet that target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)

Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:**  **Date:** 03/10/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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		PERMIT# (if any): AK-0022951	
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK	
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Compliance hot-line 1(877)-569-4114	
Date/Time Event was Noticed: 2/17/15 at 1000 AM	Date/Time Reported: 2/17/15 at 1430 hrs	Name of DEC Staff Contacted: Compliance Hot-line 1(877)-569-4114	
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE			
INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)			
Period of Noncompliance	Start Date/Time (exact): 2/5/15 at 0850 AM	End Date/Time (exact): 2/6/15 at 0845 AM	
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A			
Estimated Quantity involved (volume or weight): 1.77 MG (estimate, effluent volume discharged on 2/6/15)			
Description of the noncompliance and its cause (be specific): <small>The Mendenhall WWTP (MWWTP) is currently experiencing a loss of solids via the effluent. The MWWTP is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days to increase the system inventory in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.</small>			
Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.			
Permit Condition Deviation (Identify each permit condition exceeded during the event.)			
Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
Total Suspended Solids	60 mg/l daily max.	90 mg/l	2/5/15 at 0850 AM through 2/6/2015 at 0845 AM
Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.			
Environmental Damage: (if yes, provide details below) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown			
Actual/Potential Impact on Environment/Public Health (describe in detail) Unknown			
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: Grieko Tempel	Title: Senior Operator	Signature:	Date: 2/17/2015
FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.			



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-wrreporting@alaska.gov

NONCOMPLIANCE NOTIFICATION

GENERAL INFORMATION		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK
Person Reporting: Jim Westcott	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Non-compl. hot-line 1(877)-569-4114
Date/Time Event was Noticed: 2/19/2015 at 1330 hrs	Date/Time Reported: 2/20/2015 at 1125 hrs	Name of DEC Staff Contacted: Non-compl. hot-line 1(877)-569-4114

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 2/8/2015 at 0830 AM	End Date/Time (exact): 2/9/2015 at 0930 AM
--------------------------------	---	---

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):
1.78 MG (estimate, effluent flow discharged on 2/9/2015)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system.. Chemical dosage of the inventory showed little or no improvement. of settleability.

Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
TSS daily max. concentration	60 mg/l	180 mg/l	2/9/2015
TSS daily max. loading	2452 lbs/day	2672 lbs/day	2/9/2015
BOD daily max. concentration	60 mg/l	100 mg/l	2/9/2015
Fecal coliform daily max	224 col/100ml	20,000 col/100ml	2/9/2015

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)

Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:** **Date:** 2/23/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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		PERMIT# (if any): AK-0022951	
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK 99801	
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Via this notification	
Date/Time Event was Noticed: 2/19/2015	Date/Time Reported: 03/10/2015	Name of DEC Staff Contacted: N/A	

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 02/08/2015	End Date/Time (exact): 02/14/2015
--------------------------------	--	--

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):
12.51 MG (effluent flow discharged 02/08/2015 through 02/14/2015)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.

Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
TSS weekly avg. concentration	45 mg/l	116.2 mg/l	02/08/2015 through 02/14/2015
BOD weekly avg. concentration	45 mg/l	67.8 mg/l	(week 2)
Fecal coliform weekly geo. mean	168 col/100ml	1722.35 col/100ml	

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)


Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)

Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:**  **Date:** 03/10/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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-wqrcporting@alaska.gov

NONCOMPLIANCE NOTIFICATION

GENERAL INFORMATION		PERMIT# (if any): AK-0022951	
Owner or Operator: City and Borough of Juneau		Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK
Person Reporting: Jim Westcott		Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Non-compl. hot-line 1(877)-569-4114
Date/Time Event was Noticed: 2/19/2015 at 1330 hrs		Date/Time Reported: 2/20/2015 at 1125 hrs	Name of DEC Staff Contacted: Non-compl. hot-line 1(877)-569-4114
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE			
INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)			
Period of Noncompliance		Start Date/Time (exact): 2/9/2015 0920 AM	End Date/Time (exact): 2/10/2015 0910 AM
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A			
Estimated Quantity involved (volume or weight): 1.70 MG (estimate, effluent flow discharged on 2/10/2015)			
Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system.. Chemical dosage of the inventory showed little or no improvement. of settleability.			
Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.			
Permit Condition Deviation (Identify each permit condition exceeded during the event.)			
<u>Parameter (e.g. BOD pH)</u>	<u>Permit Limit</u>	<u>Exceedance (sample result)</u>	<u>Sample Date</u>
TSS daily max. concentration	60 mg/l	82 mg/l	2/10/2015
Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.			
Environmental Damage: (If yes, provide details below) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown			
Actual /Potential Impact on Environment/Public Health (describe in detail) Unknown			
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: Grieko Tempel	Title: Senior Operator	Signature:	Date: 2/23/2015
FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.			



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		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK 99501
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Via this notification
Date/Time Event was Noticed: 03/05/2015	Date/Time Reported: 03/10/2015	Name of DEC Staff Contacted: N/A

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 02/09/2015 at 0930 AM	End Date/Time (exact): 02/16/2015 at 0900 AM
--------------------------------	---	---

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):

10.83 MG (estimate, effluent flow discharged 02/09/2015 through 02/16/2015 minus flow discharged on 02/10/2015 @ 1.70 MG, fecal coliform was 100 col/100ml that day).

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.

Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced from 12 days to 11 days and we are wasting to meet that target.

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
Footnote k, page 5: not more than 10% of samples may exceed the daily maximum limit	10% of samples	30% (3 out of ten samples)	02/09/2015 through 02/16/2015, except 02/10/2015

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)

Operational strategies have been revised. The SRT has been reduced from 12 days to 11 days and we are wasting to meet target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)

Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:**  **Date:** 03/10/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK
Person Reporting: Jim Westcott	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Non-compl. hot-line 1(877)-569-4114
Date/Time Event was Noticed: 2/19/2015 at 1330 hrs	Date/Time Reported: 2/20/2015 at 1125 hrs	Name of DEC Staff Contacted: Non-compl.hot-line 1(877)-569-4114

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 2/10/2015 0930 AM	End Date/Time (exact): 2/11/2015 at 0915 AM
--------------------------------	---	--

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):
1.66 MG (estimate, effluent flow discharged on 2/11/2015)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system.. Chemical dosage of the inventory showed little or no improvement. of settleability.

Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
TSS daily max. concentration	60 mg/l	160 mg/l	2/11/2015
Fecal coliform daily max.	224 col/100ml	800 col/100ml	2/11/2015

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)

Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:**  **Date:** 2/23/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK
Person Reporting: Jim Westcott	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Non-compl. hot-line 1(877)-569-4114
Date/Time Event was Noticed: 2/19/2015 at 1330 hrs	Date/Time Reported: 2/20/2015 at 1125 hrs	Name of DEC Staff Contacted: Non-compl.hot-line 1(877)-569-4114

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 2/11/2015 0915 AM	End Date/Time (exact): 2/12/2015 at 0925 AM
--------------------------------	---	--

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):
1.69 MG (estimate, effluent flow discharged on 2/12/2015)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system.. Chemical dosage of the inventory showed little or no improvement. of settleability.

Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
BOD daily max. concentration	60 mg/l	67 mg/l	2/12/2015
TSS daily max. concentration	60 mg/l	88 mg/l	2/12/2012
Fecal coliform daily max.	224 col/100ml	5500 col/100ml	2/12/2015

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)

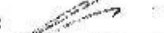
Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)

Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:**  **Date:** 2/23/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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		PERMIT# (if any): AK-0022951	
Owner or Operator: City and Borough of Juneau		Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK
Person Reporting: Jim Westcott		Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Non-compl. hot-line 1(877)-569-4114
Date/Time Event was Noticed: 2/19/2015 at 1330 hrs		Date/Time Reported: 2/20/2015 at 1125 hrs	Name of DEC Staff Contacted: Non-compl.hot-line 1(877)-569-4114
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE			
INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)			
Period of Noncompliance		Start Date/Time (exact): 2/12/2015 0940 AM	End Date/Time (exact): 2/13/2015 at 0925 AM
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A			
Estimated Quantity involved (volume or weight): 1.99 MG (estimate, effluent flow discharged on 2/13/2015)			
Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system.. Chemical dosage of the inventory showed little or no improvement. of settleability.			
Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.			
Permit Condition Deviation (Identify each permit condition exceeded during the event.)			
<u>Parameter (e.g. BOD pH)</u>	<u>Permit Limit</u>	<u>Exceedance (sample result)</u>	<u>Sample Date</u>
TSS daily max. concentration	60 mg/l	71 mg/l	2/13/2015
BOD daily max. concentration	60 mg/l	63 mg/l	2/13/2015
Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.			
Environmental Damage: (if yes, provide details below) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown			
Actual /Potential Impact on Environment/Public Health (describe in detail) Unknown			
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: Grieko Tempel	Title: Senior Operator	Signature:	Date: 2/23/2015
FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.			



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		PERMIT# (if any):	
Owner or Operator: City and Borough of Juneau		Facility Name: Mendenhall WWTP	
Person Reporting: Grieko Tempel		Facility Location: Juneau, AK	
Date/Time Event was Noticed: 02/25/2015 at 1023 AM		Phone Numbers of Person Reporting: 907-586-0393	
Date/Time Reported: 02/25/2015 at 1530 hrs		Reported How? (e.g. by phone): Compliance hot-line 1-877-569-4114	
Name of DEC Staff Contacted: Compliance hot-line 1-877-569-4114			
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE			
INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)			
Period of Noncompliance	Start Date/Time (exact): 1/15/2015 at 0835 AM	End Date/Time (exact): 1/16/2015 at 0840 AM	
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A			
Estimated Quantity Involved (volume or weight): 1.83 MG (estimate, effluent flow discharged on 1/16/2015)			
Description of the noncompliance and its cause (be specific): The Mendenhall WWTP (MWWTP) is currently experiencing a loss of solids via the effluent. The MWWTP is operating under an operations plan that utilizes a moving Solids Retention Time (SRT) . In early December the SRT was increased from 11 days to 12 days to increase the system inventory in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.			
Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.			
Permit Condition Deviation (Identify each permit condition exceeded during the event.)			
Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
BOD	60 mg/l daily max.	64 mg/l	2-16-2015
Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.			
Environmental Damage: (if yes, provide details below) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown			
Actual /Potential Impact on Environment/Public Health (describe in detail) Unknown			
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: Jim Westcott	Title: Senior Operator	Signature:	Date: 2-27-2015



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-wrreporting@alaska.gov

NONCOMPLIANCE NOTIFICATION

GENERAL INFORMATION		PERMIT# (if any): AK-0022951	
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK 99801	
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Via this notification	
Date/Time Event was Noticed: 2/26/2015	Date/Time Reported: 03/10/2015	Name of DEC Staff Contacted: N/A	
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE			
INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)			
Period of Noncompliance	Start Date/Time (exact): 02/15/2015	End Date/Time (exact): 02/21/2015	
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A			
Estimated Quantity involved (volume or weight): 12.18 MG (effluent flow discharged 02/15/2015 through 02/21/2015)			
Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.			
Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)			
Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.			
Permit Condition Deviation (Identify each permit condition exceeded during the event.)			
<u>Parameter (e.g. BOD pH)</u>	<u>Permit Limit</u>	<u>Exceedance (sample result)</u>	<u>Sample Date</u>
TSS weekly avg. concentration	45 mg/l	55.2 mg/l	02/15/2015 through 02/21/2015
BOD weekly avg. concentration	45 mg/l	61.4 mg/l	(week 3)
Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)			
Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.			
Environmental Damage: (if yes, provide details below)		<input type="checkbox"/> Yes	<input type="checkbox"/> No
		<input checked="" type="checkbox"/> Unknown	
Actual/Potential Impact on Environment/Public Health (describe in detail)			
Unknown			
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: Grieko Tempel	Title: Senior Operator	Signature:	Date: 03/10/2015
FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.			



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		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Compliance hot-line 1(877)-569-4114
Date/Time Event was Noticed: 2/25/2015 at 1300 hrs	Date/Time Reported: 2/25/2015 at 1530 hrs	Name of DEC Staff Contacted: Compliance hot-line 1(877)-569-4114

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 2/16/2015 at 0855 AM	End Date/Time (exact): 2/17/2015 at 0900 AM
--------------------------------	--	--

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):
1.94 MG(estimate, effluent flow discharged on 2/17/2015)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.

Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
TSS	60 mg/l	72 mg/l	2/17/2015

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)

Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:**  **Date:** 2/26/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Compliance hot line 1-877-569-4114
Date/Time Event was Noticed: 3/2/15 at 1330 hrs	Date/Time Reported: 3/2/15 at 1515 hrs	Name of DEC Staff Contacted: Compliance hot-line 1-877-569-4114

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 2/18/15 at 0855 AM	End Date/Time (exact): 2/19/15 at 0905 AM
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A		

Estimated Quantity involved (volume or weight):
1.78 MG (estimate, effluent flow discharged on 2/19/15)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little to no improvement of settleability.

Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
BOD concentration	60 mg/l	74 mg/l	2/19/15

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual/Potential Impact on Environment/Public Health (describe in detail)

Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:**  **Date:** 3/3/15

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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		PERMIT# (if any): AK-0022951	
Owner or Operator: City and Borough of Juneau		Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK
Person Reporting: Grieko Tempel		Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Compliance hot line 1-877-569-4114
Date/Time Event was Noticed: 3/2/15 at 1330 hrs		Date/Time Reported: 3/2/15 at 1515 hrs	Name of DEC Staff Contacted: Compliance hot-line 1-877-569-4114
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE			
INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)			
Period of Noncompliance		Start Date/Time (exact): 2/19/15 at 0905 AM	End Date/Time (exact): 2/20/15 at 0900 AM
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A			
Estimated Quantity involved (volume or weight): 1.68 MG (estimate, effluent flow discharged on 2/20/15)			
Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little to no improvement of settleability.			
Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)			
Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.			
Permit Condition Deviation (Identify each permit condition exceeded during the event.)			
<u>Parameter (e.g. BOD pH)</u>	<u>Permit Limit</u>	<u>Exceedance (sample result)</u>	<u>Sample Date</u>
BOD concentration	60 mg/l	76 mg/l	2/20/15
TSS concentration	60 mg/l	61 mg/l	2/20/15
Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)			
Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target.			
Environmental Damage: (if yes, provide details below) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown			
Actual /Potential Impact on Environment/Public Health (describe in detail)			
Unknown			
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: Grieko Tempel	Title: Senior Operator	Signature:	Date: 3/3/15
FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.			



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		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Compliance hot-line 1-877-569-4114
Date/Time Event was Noticed: 03/05/2015 at 0830 AM	Date/Time Reported: 03/05/2015 0920 AM	Name of DEC Staff Contacted: Compliance hot-line 1-877-569-4114

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 02/22/2015 at 0830AM	End Date/Time (exact): 02/23/2015 at 0845 AM
--------------------------------	--	---

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):
2.24 MG (estimate, effluent flow discharged on 02/23/2015)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.

Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
BOD concentration	60 mg/l	76 mg/l	02/23/2015
TSS concentration	60 mg/l	100 mg/l	02/23/2015

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)
Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:** _____ **Date:** 03/05/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.



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		PERMIT# (if any): AK-0022951	
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK 99801	
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Via this notification	
Date/Time Event was Noticed: 03/05/2015	Date/Time Reported: 03/10/2015	Name of DEC Staff Contacted: N/A	

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 02/22/2015	End Date/Time (exact): 02/28/2015
--------------------------------	--	--

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):
13.71 MG (effluent flow discharged 02/22/2015 through 02/28/2015)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.

Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

<u>Parameter (e.g. BOD pH)</u>	<u>Permit Limit</u>	<u>Exceedance (sample result)</u>	<u>Sample Date</u>
TSS weekly avg. concentration	45 mg/l	89.0 mg/l	02/22/2015 through 02/28/2015
BOD weekly avg. concentration	45 mg/l	63.8 mg/l	(week 4)

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)

Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet that target.

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)
Unknown

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: Grieko Tempel **Title:** Senior Operator **Signature:**  **Date:** 03/10/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.

 0022951	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		PERMIT# (if any): AK-0022951
Owner or Operator: City and Borough	Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK-0022951
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Compliance hot-line 1-877-569-4114
Date/Time Event was Noticed: 03/06/2015 at 1330 hrs	Date/Time Reported: 03/06/2015 at 1455 hrs	Name of DEC Staff Contacted: Compliance hot-line 1-877-569-4114

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 02/25/2015 at 0845 AM	End Date/Time (exact): 02/26/2015 at 0905 AM
-------------------------	--	--

If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue:
N/A

Estimated Quantity involved (volume or weight):
1.84 MG (estimate, effluent discharged on 2/26/2015)

Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.

Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)
Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
BOD concentration mg/l	60 mg/l	72 mg/l	02/26/2015

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)
Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)
Unknown

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: Grieko Tempel Title: Senior Operator Signature: _____ Date: 03/07/2015

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.

AK-



0022951

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		PERMIT# (if any): AK-0022951	
Owner or Operator: City and Borough		Facility Name: Mendenhall WWTF	Facility Location: Juneau, AK-0022951
Person Reporting: Gricko Tempel		Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): Compliance hot-line 1-877-569-4114
Date/Time Event was Noticed: 03/06/2015 at 1330 hrs		Date/Time Reported: 03/06/2015 at 1455 hrs	Name of DEC Staff Contacted: Compliance hot-line 1-877-569-4114
VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE.			
INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)			
Period of Noncompliance	Start Date/Time (exact): 02/26/2015 at 0905 AM	End Date/Time (exact): 02/27/2015 at 0925 AM	
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A			
Estimated Quantity involved (volume or weight): 1.86 MG (estimate, effluent discharged on 2/27/2015)			
Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is currently experiencing a loss of solids via the effluent. The MWWTF is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). In early December the SRT was increased from 11 days to 12 days in an attempt to better treat incoming organic loading. This appeared to be working for a short period. However, inventory built under the 12 day SRT to the point that it became difficult to contain it within the system. Chemical dosage of the inventory showed little or no improvement of settleability.			
Actions taken to reduce, eliminate, and prevent recurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target			
Permit Condition Deviation (Identify each permit condition exceeded during the event.)			
Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample result)	Sample Date
BOD concentration mg/l	60 mg/l	71 mg/l	02/27/2015
TSS concentration mg/l	60 mg/l	65 mg/l	02/27/2015
Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.) Operational strategies have been revised. The SRT has been reduced to 11 days and we are wasting to meet target			
Environmental Damage: (if yes, provide details below)		<input type="checkbox"/> Yes	<input type="checkbox"/> No
		<input checked="" type="checkbox"/> Unknown	
Actual/Potential Impact on Environment/Public Health (describe in detail) Unknown			
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: Gricko Tempel	Title: Senior Operator	Signature:	Date: 03/07/2015
FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.			