ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT FOR STORM WATER DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS

FINAL - PERMIT

Permit Number: AKS-053406

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Wastewater Discharge Authorization Program
555 Cordova Street
Anchorage, AK 99501

In compliance with the provisions of the Clean Water Act (CWA), 33 U.S.C. §1251 *et seq.*, as amended by the Water Quality Act of 1987, P.L. 100-4; this permit is issued under provisions of Alaska Statutes 46.03; the Alaska Administrative Code (AAC) as amended; and other State laws and regulations. The

City of Fairbanks,
City of North Pole,
University of Alaska – Fairbanks, and
Alaska Department of Transportation and Public Facilities – Northern Regional Office
(hereinafter "co-permittees")

are authorized to discharge from all municipal separate storm sewer system (MS4) outfalls existing as of the effective date of this permit to receiving waters, which include Beaver Springs, Chena River, Chena Slough, Noyes Slough, and other associated waters of the United States within the Fairbanks Urbanized Area in accordance with the conditions and requirements set forth herein.

This permit shall become effective **August 1, 2013**.

This permit and the authorization to discharge shall expire after, **July 31, 2018**.

The co-permittees must reapply for permit reissuance on or before **February 1, 2018**, 180 days before the expiration of this permit if the co-permittees intend to continue operation and discharges from the MS4s beyond the term of this permit.

Wade Strickland

Signature	June 10, 2013 Date
Wade Strickland Printed Name	Program Manager Title

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SCHEDULE OF SUBMISSIONS

The Schedule of Submissions summarizes some of the required submissions and activities the co-permittees must complete and submit to the Alaska Department of Environmental Conservation (the Department or DEC) during the term of this permit. The co-permittees are responsible for all submissions and activities even if they are not summarized below.

Table 1: Schedule of Submissions – Storm Water Management Program

Part of Permit	Storm Water Management Program Component	Compliance Date	Responsibility
General Requirements			
1.5.3	Submit to DEC a copy of the updated intergovernmental Cooperative Agreement signed by all four co-permittees.	Within three months of the effective date of this permit.	Each co-permittee must sign this agreement.
Storm Water Management Program Requirements (40 CFR §122.34)			
2.0	Develop, implement, and enforce a Storm Water Management Program (SWMP) document as implemented within each jurisdiction, and included in the Annual Report.	Within one year of the effective date of this permit, annual revisions thereafter.	All co-permittees shall work together to accomplish.
Public Education and Outreach (40 CFR §122.34(b)(1))			
3.1	Continue current public education program for local communities. (3.1.1)	Ongoing, with documented outreach at least once per year.	All co-permittees shall work together to accomplish these tasks.
	Distribute storm water educational materials to target audiences. (3.1.2)	Ongoing, with documented outreach at least once per year.	
	Prepare and distribute outreach material to local print and broadcast media. (3.1.3)	Ongoing, with documented outreach at least once per year.	
	Document the SWMP information related to the control measure in the Annual Report. (3.1.4)	Annually.	
Public Involvement and Participation (40 CFR §122.34(b)(2))			
3.2	Convene a Storm Water Advisory Committee to coordinate and advise SWMP activities on a regularly scheduled basis (3.2.3)	Ongoing.	Each co-permittee shall contribute to these joint projects.
	Continue to implement a storm drain stenciling program. (3.2.4)	Ongoing.	
	Organize and host one “Stream Clean Up Day” event. (3.2.5)	Annually.	Fairbanks, North Pole (University of Alaska – Fairbanks, and the Alaska Department of Transportation and Public Facilities will assist).
	Organize and coordinate an on-going Volunteer Monitoring Program and Adopt-a-Stream Program. (3.2.6)	Annually.	Each co-permittee shall contribute to these joint projects.
	Continue public knowledge and attitude survey work. (3.2.7)	Ongoing.	
	Submit a brief review of prior knowledge and attitude survey work with proposed modifications. (3.2.7.1)	Within the first year of the effective date of this permit.	
	Report summary of survey results to DEC. (3.2.7.3)	Third year of the effective date of this permit.	
3.2	Document the SWMP information related to the control measure in the Annual Report. (3.2.8)	Annually.	Each co-permittee will contribute to these joint projects.

Table 1: Schedule of Submissions – Storm Water Management Program

Part of Permit	Storm Water Management Program Component	Compliance Date	Responsibility
Illicit Discharge Detection and Elimination (40 CFR §122.34 (b)(3))			
3.3	Update program to detect and address illicit discharges to the MS4(s) in SWMP documentation. Describe system for tracking information on illicit discharge discovery and response in SWMP documentation. (3.3.1)	Within two years of the effective date of this permit.	Each co-permittee responsible for planning, sampling, and tracking information in its jurisdiction.
	Review and update inventory and map of industrial facilities and activities. (3.3.2)	Within three years of the effective date of this permit.	Each co-permittee responsible within its jurisdiction.
	Review effectiveness of ordinance or other control measure to prohibit illicit discharges to the MS4s, prohibit any specific non-storm water discharge, if necessary. (3.3.3 & 3.3.4)	Within four years of the effective date of this permit.	Each co-permittee responsible for their ordinance or procedure.
	Inform the public, et al, of the hazards associated with illegal discharges and improper waste disposal to the MS4. (3.3.5)	Annually.	Each co-permittee responsible within its jurisdiction.
	Update a comprehensive storm sewer map. (3.3.6)	Within three years of the effective date of this permit.	Each co-permittee is responsible within its jurisdiction.
	Complete dry weather field screening for non-storm water from 100% of all outfalls (3.3.7)	Within five years of the effective date of this permit	Each co-permittee is responsible for screening their outfalls.
	Document the SWMP information related to the control measure in the Annual Report. (3.3.8)	Annually.	Each co-permittee shall contribute to this joint project.
Construction Site Storm Water Runoff (40 CFR §122.34(b)(4))			
3.4	Review and revise construction site runoff control program for sites disturbing one or more acres of land. (3.4.1)	Ongoing.	Each co-permittee responsible within its jurisdiction.
	Maintain an ordinance or other control measure to require construction site operators to practice erosion, sediment and waste control. (3.4.3)		Each co-permittee responsible for adoption and implementation within its jurisdiction.
	Publish and distribute written requirements for construction site best management practices. (3.4.4)		Each co-permittee (Co-permittees may develop joint documents).
	Review and revise procedures for reviewing site plans and receiving public comment. (3.4.5)		Each co-permittee.
	Review and revise procedures for site inspection and enforcement. (3.4.6)		Each co-permittee.
	Conduct training for contractors / developers /engineers on the construction ordinance(s) and BMP requirements. (Part 3.4.7)		Each co-permittee responsible for participating in the training.
3.4	Document SWMP information related to the control measure in the Annual Report. (3.4.8)	Annually.	Each co-permittee will contribute to this joint project.
Post-Construction Storm Water Management (40 CFR §122.34(b)(5))			
3.5	Review and revise a program to address post-construction runoff from new development and redevelopment. (3.5.1)	Within two years of the effective date of this permit.	Each co-permittee is responsible for the development and implementation.
	Conduct a workshop for developers and engineers. (3.5.5)	Biennially.	Each co-permittee shall contribute to this joint project.
3.5	Promote Green Infrastructure/low impact development strategy and report on Projects.(3.5.6)	Within three years of the effective date.	Each co-permittee shall contribute to this joint project.
	Document SWMP information related to the control measure in the Annual Report.(3.5.7)	Annually.	Each co-permittee will contribute to this joint project.

Table 1: Schedule of Submissions – Storm Water Management Program

Part of Permit	Storm Water Management Program Component	Compliance Date	Responsibility
Pollution Prevention/Good Housekeeping (40 CFR §122.34(b)(6))			
3.6	Implement an operation and maintenance program to prevent pollutant runoff from municipal activities. (3.6.1)	Ongoing.	Each co-permittee is responsible for evaluating their own practices, developing guidance for operational effectiveness and conveying that information to their maintenance personnel. Co-permittees may work together to accomplish these objectives.
	Maintain appropriate training for municipal personnel provided annually after initial offering. (3.6.2),	Annually.	
	Evaluate other municipal activities/flood management projects for potential storm water impacts on water quality, make changes if necessary (3.6.3)	Ongoing.	
	Document SWMP information related to the control measure in the Annual Report. (3.6.4)	Annually.	Each co-permittee shall contribute to this joint project.
MONITORING, EVALUATION, RECORD KEEPING, AND REPORTING REQUIREMENTS			
4.1.2	Provide monitoring results with the Annual Report.	Annually.	Each co-permittee shall contribute to this joint project.
4.1.3	Submit a current Monitoring Program Plan that includes a Quality Assurance Project Plan (QAPP) for all analytical monitoring to be conducted.	Within 180 days of the effective date of the permit.	
4.1.5	Conduct storm water outfall monitoring.	Within the first year of the permit.	
4.2	Conduct a SWMP overall program effectiveness assessment and document in the Annual Report.	Annually.	
4.3	Submit an Annual Report comprised of a summary annual report and a detailed annual report.	Annually.	

1.0 APPLICABLITY

1.1 Introduction

The City of Fairbanks, City of North Pole, University of Alaska Fairbanks, and Alaska Department of Transportation and Public Facilities (co-permittees) were issued a Phase II National Pollutant Discharge Elimination System (NPDES) permit #AKS-053406 from the U.S. Environmental Protection Agency (EPA) on June 1, 2005. Since this inception date the co-permittees are authorized to discharge storm water to Beaver Springs, Chena River, Chena Slough, Noyes Slough, and other associated waters of the United States as defined in Part 1.2 *Permit Coverage Area* from Part 1.3 *Discharges Authorized Under this Permit*.

1.2 Permit Coverage Area

This permit covers all areas within the boundaries of the Fairbanks Urbanized Area, which are served by the MS4 owned or operated by the co-permittees.

1.3 Discharges Authorized Under this Permit

During the effective term of this permit, the co-permittees are authorized to discharge storm water to waters of the United States from: (1) all portions of the MS4s owned and operated by the City of Fairbanks, City of North Pole, the University of Alaska–Fairbanks, and (2) the portions of the MS4 with State of Alaska rights-of-way located within the boundaries of the Fairbanks Urbanized Area, which are owned or operated by the Alaska Department of Transportation and Public Facilities, subject to the conditions set forth herein. This permit also authorizes the discharge of storm water commingled with flows contributed by process wastewater, non-process wastewater, and storm water associated with industrial activity, provided that the storm water in these flows is only commingled with those categories of allowable non-storm water discharges set forth in Part 1.4 of this permit.

1.4 Limitations on Permit Coverage

1.4.1 **Non-Storm Water Discharges**. Co-permittees are not authorized to discharge non–storm water, except where such discharges satisfy one of the following three conditions:

1.4.1.1 The non-storm water discharges are in compliance with a separate Alaska Pollutant Discharge Elimination System (APDES) permit; or

1.4.1.2 The non–storm water discharges result from a spill and:

1.4.1.2.1 Are the result of an unforeseen weather event where reasonable and prudent measures have been taken to minimize the impact of such discharge; or

1.4.1.2.2 Consist of emergency discharges required to prevent imminent threat to human health or severe property damage, provided that reasonable and prudent measures have been taken to minimize the impact of such discharges; or

1.4.1.3 The non-storm water discharges satisfy each of the following two conditions:

1.4.1.3.1 The discharges consist of uncontaminated water line flushing, landscape irrigation, diverted stream flows, rising ground waters, uncontaminated ground water infiltration (as defined at 40 CFR§ 35.2005(20)), uncontaminated pumped ground water, discharges from potable water sources, foundation drains, air conditioning condensate, irrigation water, springs, water from crawlspace pumps, footing drains, lawn watering, individual residential car washing, flows from riparian habitats and wetlands, dechlorinated swimming pool discharges, street wash water, residential building wash waters without detergents, and flows from emergency firefighting activities; and

1.4.1.3.2 The discharges are not sources of pollution to waters of the United States. A discharge is considered a source of pollution to waters of the United States if it:

1.4.1.3.2.1 Causes excessive foam in the receiving waters or contains floating and/or settleable solids in amounts sufficient to make the water unsafe or unfit for providing water supply or other beneficial uses;

1.4.1.3.2.2 Contains oil or other substances in amounts sufficient to create a visible film or sheen on the receiving waters;

1.4.1.3.2.3 Contains substances that are in amounts sufficient to be unsightly or deleterious or which produce color, odor, or other conditions to such a degree as to create a nuisance;

1.4.1.3.2.4 Contains any substance or combination of substances in amounts sufficient to be acutely toxic to, or to otherwise severely injure or kill, aquatic life, other animals, plants or humans; or

1.4.1.3.2.5 Contains any substances or combination of substances that will cause or contribute to the growth of aquatic plants or algae to such degree as to create a nuisance, be unsightly, or otherwise impair the designated use.

1.4.2 **Discharges Threatening Water Quality**. Co-permittees are not authorized to discharge storm water that the DEC determines will cause or have the reasonable potential to cause or contribute to violations of water quality standards (WQS, 18 AAC 70).

1.4.3 **Snow Disposal to Receiving Waters**

1.4.3.1 Co-permittees are not authorized to dispose of snow directly to waters of the United States, or directly to the MS4(s). Discharges from the co-permittee's snow disposal and snow management practices are authorized under this permit when such practices are operated using appropriate BMPs required in Part 3.6. BMPs may include detention basins, dikes, berms, ditches, and vegetative buffers. BMPs shall be designed, operated, and maintained to prevent and reduce pollutants in the discharges to the maximum extent practicable so as to avoid excursions above WQS.

1.4.4 **Discharges to Water Quality-Impaired Receiving Waters**

1.4.4.1 For the purposes of this Permit, the CWA §303(d) listed water bodies are those cited in the Final DEC 2010 Integrated Report - the Noyes Slough, Chena River, and Chena Slough. "Pollutant(s) of concern" refer to the pollutant(s) identified as causing or contributing to the water quality impairment. Pollutants of concern for the purposes of this Permit are: residues (in the form of debris), petroleum hydrocarbons, oil and grease, and sediment.

1.4.4.2 The co-permittees must conduct a storm water discharge monitoring program as required in Part 4.0.

1.4.4.3 The co-permittees' SWMP documentation must include a description of how the activities of each minimum control measure in Part 3.0 are implemented by the co-permittees to control the discharge of pollutants of concern and ensure that the MS4 discharges will not cause or contribute to an excursion above applicable WQS. This discussion must specifically identify how the co-permittees evaluates and measures the effectiveness of the SWMP to control the pollutants of concern. For those activities identified in Part 3.0 requiring multiple years to develop and implement, the co-permittee must provide interim updates on progress to date. Consistent with Part 2.1, the co-permittees must update and submit this description of the SWMP implementation to DEC as part of the Annual Report required in Part 4.2, and must update its description annually in subsequent Annual Reports.

1.5 Co-Permittees' Responsibilities

1.5.1 Each co-permittee is individually responsible for permit compliance related only to portions of the MS4 owned or operated solely by that co-permittee, and where this permit directs action or inaction by that named co-permittee.

1.5.2 Each co-permittee is jointly responsible for permit compliance:

1.5.2.1 Related to portions of the MS4 where operational or storm water management program implementation authority has been transferred from one co-permittee to another in accordance with an enforceable intergovernmental cooperative agreement;

1.5.2.2 Related to portions of the MS4 where co-permittees jointly own or operate a portion of the MS4; and

1.5.2.3 Related to the submission of plans, reports, strategies, and assessments required by Parts 2.0, 3.0 and 4.0 of this permit.

1.5.3 The co-permittees must maintain an intergovernmental agreement describing each organization's respective roles and responsibilities related to this Permit. Any previously signed agreement may be updated, as necessary, to comply with this requirement. An updated intergovernmental agreement must be completed within 180 days from the effective date of this permit. A copy of the updated intergovernmental agreement must be submitted to the DEC with the 1st Year Annual Report.

2.0 STORM WATER MANAGEMENT PROGRAM REQUIREMENTS

2.1 Storm Water Management Program Document

The co-permittees shall prepare a joint SWMP document that reflects each co-permittee's unique program implementation.

2.1.1 No later than one year from the effective date of the permit, the co-permittees shall review, and revise as necessary their written documentation of the SWMP as implemented within their jurisdiction. The SWMP documentation must be organized according to the program components in Parts 3.0 and 4.0 of this permit. At a minimum, each co-permittee must include the following information:

2.1.1.1 Ordinances or other regulatory mechanisms, providing the legal authority necessary to implement and enforce the requirements of this permit.

2.1.1.2 A written outline describing how the co-permittees will implement the requirements of Parts 3.0 and 4.0 of this permit.

2.1.2 Each co-permittee must track the annual number of inspections, official enforcement actions, and types of public education activities and outcomes, as stipulated by the respective program requirement. Information summarizing these activities during the previous reporting period must be included in the Annual Report.

2.1.3 The SWMP document must be reviewed and updated at least annually and submitted with the Annual Report. The co-permittees shall provide one cohesive Annual Report that includes the SWMP actions and activities for each co-permittee referenced in the Annual Report.

2.2 General Requirements

2.2.1 **Reduce pollutants to the maximum extent practicable**. Co-permittees must implement and enforce a SWMP designed to reduce the discharge of pollutants from their MS4 to the maximum extent practicable to protect water quality in the receiving waters. The SWMP must include BMPs, control techniques, system design, engineering methods, and other provisions appropriate to control and minimize the discharge of pollutants from the MS4s.

2.2.2 The SWMP developed by the co-permittees and submitted to DEC covers the term of this permit and must be updated as necessary or as required by the Department to ensure compliance with Section 402(p)(3)(B) of the CWA, 33 U.S.C. §1342(p)(3)(B). Modifications to the SWMP must be made in accordance with Part 2.3 of this permit. The SWMP submitted to DEC by the co-permittees, and all approved updates made in accordance with Part 2.3 of this permit, are hereby incorporated by reference. All components and requirements of the SWMP are enforceable as conditions of this permit.

2.2.3 Co-permittees must submit any plan revisions or documents, which require review and approval by DEC to the address listed in Part 4.5, and in accordance with Parts 2.3 and/or 4.0 of this permit. Within 60 days of receipt of such plans or documents, DEC shall have the right to disapprove or require modifications to the plans or documents for approval.

2.2.4 **SWMP Elements**. The SWMP actions and activities are outlined through the minimum control measures in Part 3.0 and the assessment/monitoring requirements described in Part 4.1. Each co-permittee must implement their respective sections of the SWMP that provides:

2.2.4.1 BMPs that are selected, implemented, maintained and updated to ensure that storm water discharges do not cause or contribute to an exceedance of an applicable numeric or narrative WQS; and

2.2.4.2 Measurable goals, including interim milestones, for each BMP.

2.2.5 **Shared Implementation with Outside Entities**. Implementation of one or more of the minimum measures may be shared with another entity who is not subject to this permit, or the entity may fully take over the measure. A co-permittee may rely on another entity only if:

2.2.5.1 The other entity, in fact, implements the control measure;

2.2.5.2 The control measure, or component of that measure, is at least as stringent as the corresponding permit requirement; and

2.2.5.3 The other entity agrees to implement the control measure on the co-permittee's behalf. A legally binding written acceptance of this obligation is required. The co-permittee must maintain this obligation as part of the SWMP description. If the other entity agrees to report on the minimum measure, the co-permittee must supply the other entity with the reporting requirements in Part 4.3 of this permit. The co-permittee remains responsible for compliance with the permit obligations.

2.3 Reviewing and Updating the Storm Water Management Program

2.3.1 Co-permittees must annually review the SWMP as part of the preparation of the Annual Report required under Part 4.3.

2.3.2 Co-permittees may request changes to any SWMP action or activity specified in this permit according to the following procedures:

2.3.2.1 Changes to delete or replace an action or activity specifically identified in this permit with an alternate action or activity may be requested at any time. Modification requests to DEC must include:

2.3.2.1.1 An analysis of why the original action or activity is ineffective, infeasible, or cost prohibitive;

2.3.2.1.2 Expectations on the effectiveness of the replacement action or activity; and

2.3.2.1.3 An analysis of why the replacement action or activity is expected to better achieve the SWMP requirements.

2.3.2.2 Change requests or notifications must be made in writing and signed by all co-permittees in accordance with Appendix A, Part 1.12.

2.3.2.3 Documentation of the actions or activities as required by this permit must be submitted to DEC upon request. DEC may review and subsequently notify the co-permittees that changes to the SWMP are necessary to:

2.3.2.3.1 Address discharges from the MS4 that are causing or contributing to water quality impacts;

2.3.2.3.2 Include more stringent requirements necessary to comply with new federal or state statutory or regulatory requirements;

2.3.2.3.3 Include other conditions deemed necessary by DEC to comply with water quality standards, or other goals and requirements of the CWA; or

2.3.2.3.4 Address the SWMP requirements of the permit, if DEC determines that the co-permittees' current SWMP does not meet permit requirements.

2.3.2.4 If DEC notifies the co-permittees that changes are necessary, the notification will offer the co-permittees an opportunity to propose alternative program changes to meet the objectives of the requested modification. Following this opportunity, the co-permittees must implement any required changes according to the schedule set by DEC.

2.4 Transfer of Ownership, Operational Authority, or Responsibility for SWMP Implementation

2.4.1 Transfer of ownership, operational authority, or responsibility for SWMP implementation requires submittal of all corrected documentation to DEC for a 60-day review before implementation of transfer.

2.4.2 Co-permittees must implement the SWMP in all new areas added or transferred to the co-permittees' MS4s (or for which the co-permittee becomes responsible for implementation of storm water quality controls) as expeditiously as practicable, but no later than one year from the date upon which the new areas are added. Such additions and schedules for implementation must be documented in the next Annual Report following the transfer.

2.5 Storm Water Management Program Resources

Co-permittees must continue to provide adequate finances, staff, equipment, and other support capabilities to implement their SWMP actions and activities outlined in this permit.

3.0 MINIMUM CONTROL MEASURES

The six minimum control measures that must be included in the SWMP are:

3.1 Public Education and Outreach

3.1.1 Co-permittees must maintain a public education program to educate the community about the impacts of storm water discharges on water bodies and the steps that citizens and businesses can take to reduce pollutants in storm water runoff.

3.1.2 At least annually, the co-permittees must distribute storm water educational materials to target audiences that encourages the public to improve water quality.

3.1.3 At least annually, the co-permittees must prepare and distribute appropriate information that encourages the public to improve water quality to local media outlets.

3.1.4 Co-permittees must document the following information related to public education and outreach in each Annual Report:

3.1.4.1 Describe the public education program and outreach activities accomplished during the previous calendar year, including at least one copy of each educational material distributed;

3.1.4.2 Describe the methods and frequency of disseminating information;

3.1.4.3 Describe the target audiences and pollutants / sources that are addressed by the program and how they were selected;

3.1.4.4 Estimate the number of people reached by the program over the previous twelve month period;

3.1.4.5 List the measurable goals for the public education and outreach program over the next calendar year;

3.1.4.6 List the dates by which the measurable goals will be achieved; and

3.1.4.7 Identify the person(s) responsible for implementing and coordinating the education activities.

3.2 Public Involvement and Participation

3.2.1 Co-permittees must comply with applicable state and local public notice requirements when implementing a public involvement/participation program.

3.2.2 Co-permittees must continue to make the SWMP and all Annual Reports available to the public through the municipal library system, a co-permittee-maintained website, or other easily accessible location. Public outreach should include location information whenever appropriate.

3.2.3 Co-permittees must continue the Storm Water Advisory Committee. The Storm Water Advisory Committee meeting schedule must be made known to the public and DEC through direct mail or e-mail notification, if possible, and other locally appropriate means.

3.2.4 Co-permittees must continue to implement a storm drain stenciling program.

3.2.5 At least annually, co-permittees must continue to host a community Stream Clean Up Day.

3.2.6 Co-permittees must continue an ongoing volunteer monitoring program and an Adopt-a-Stream program.

3.2.7 Co-permittees must continue public knowledge and attitude survey work related to storm water management in the greater Fairbanks Urbanized Area.

3.2.7.1 Within the first year of the effective date of this permit, co-permittees will submit a brief review of prior public knowledge and attitude survey work with proposed modifications.

3.2.7.2 Within the second year of the effective date of this permit, co-permittees must conduct a public knowledge and attitudes survey related to storm water.

3.2.7.3 Within the third year of the effective date of this permit, co-permittees will provide analysis and narrative summary of public knowledge and attitude survey work to be included in the corresponding year's Annual Report.

3.2.8 Co-permittees must document the following information related to public involvement/participation in each Annual Report:

3.2.8.1 Describe the activities and target audiences for public involvement that the program accomplished for the preceding twelve-month period, including any monitoring and/or survey results, number of storm drains stenciled, etc.;

3.2.8.2 Describe the procedure(s) for receiving and reviewing public comments;

3.2.8.3 Describe the measurable goals for the public involvement/participation program over the next twelve-month period;

3.2.8.4 List the dates by which the co-permittees will accomplish each of the upcoming measurable goals; and

3.2.8.5 Identify the person(s) responsible for implementing and coordinating the public involvement/participation activities.

3.3 Illicit Discharge Detection and Elimination

An illicit discharge is any discharge to an MS4 that is not composed entirely of storm water. Exceptions are described in Part 1.4 of this permit. At the Storm Water Advisory Committee meetings (Part 3.2.3), co-permittees shall discuss illicit discharge detection and elimination.

3.3.1 The co-permittees shall review and revise as necessary, the program to detect and eliminate illicit discharges.. The co-permittees must, as part of this activity, maintain an information management system to track illicit discharges.

3.3.2 No later than three years from the effective date of this permit, the co-permittees must review and update an inventory and map of industrial facilities and activities that are covered by the APDES Multi–Sector General Permit (MSGP) AKR050000, and that discharge directly to their MS4. At a minimum, the inventory must include the facility name and address, nature of the business or activity, Standard Industrial Classification code(s) or the newer North American Industry Classification System code(s) that best

reflect the facility product or service, the receiving water body, and type of pollutants that may be discharged by the facility or activity.

3.3.3 No later than four years from the effective date of this permit, all co-permittees must review the effectiveness and revise, as necessary, ordinances or procedures that effectively prohibit non-storm water discharges into their MS4s. Co-permittees must implement appropriate enforcement procedures and actions, including enforcement escalation procedures for recalcitrant or repeat offenders.

3.3.4 Co-permittees must prohibit any of the non-storm water flows listed in Part 1.4.1.3 through ordinance if such flows are identified by DEC or the co-permittees as a source of pollutants to the MS4. Co-permittees must document any existing local controls or conditions placed on such discharges.

3.3.5 Annually the co-permittees must inform users of the MS4 and the general public of hazards associated with illegal discharges and improper disposal of waste.

3.3.6 No later than three years from the effective date of this permit, the co-permittees must update, as necessary, the comprehensive MS4 map developed during the previous permit cycle. At a minimum, the map must show jurisdictional boundaries, the location of all inlets and outfalls, names and locations of all waters that receive discharges from those outfalls, and locations of all municipally-owned and operated facilities, including public snow disposal sites. If available, locations of all privately operated snow disposal sites must also be indicated on the comprehensive map. A copy of the completed map must be submitted to DEC as part of the Annual Report.

3.3.7 Co-permittees must continue dry weather field screening for non-storm water flows from all outfalls. By no later than the expiration date of this permit, all of the co-permittees' outfalls within the permit area must be screened for dry weather flows. The screening should include field tests of selected chemical parameters as indicators of discharge sources where sufficient flow is found at an outfall to allow for monitoring. Screening level tests may utilize less expensive "field test kits" using test methods not approved by EPA under 40 CFR Part 136 (adopted by reference at 18 AAC 83.010), provided the manufacturer's published detection ranges are adequate for the illicit discharge detection purposes. The co-permittees must investigate any illicit discharge within 15 days of its detection and must take action to eliminate the source of the discharge within 45 days of its detection. Raw data and narrative review of screening and mapping shall be included in the following year's Annual Report from the year the data was collected.

3.3.8 Co-permittees must document the following information related to illicit discharge detection and elimination in the Annual Report:

3.3.8.1 A description of the criteria used to prioritize investigations in areas suspected of having illicit discharges, for example: targeting older areas of the city, areas of high public complaints, and areas of high recreational value or high environmental value, such as beaches and drinking water sources;

3.3.8.2 A description of procedures used to locate and remove illicit discharges, including detection methods;

3.3.8.3 A summary of all dry weather testing conducted to date and of the co-permittees' activity to remove any illicit discharge(s) identified;

3.3.8.4 A copy of the established ordinance or other regulatory mechanism used to prohibit illicit discharges into the MS4s;

3.3.8.5 A description of enforcement policy and jurisdiction. The program must include procedures for coordination with adjacent municipalities and/or state or federal regulatory agencies to address situations where investigations indicate the illicit discharge originates outside the co-permittees' jurisdiction. Where a co-permittee lacks legal authority to establish enforceable rules or if an illicit discharger fails to comply with procedures or policies established by the co-permittee, the program must include procedures for notifying DEC for assistance in enforcement of this provision of the permit;

3.3.8.6 A description of the methods used over the previous twelve-month period to inform the public and train public employees about illicit discharges and the improper disposal of waste;

3.3.8.7 A list of measurable goals for the illicit discharge detection and elimination program for the next twelve-month period and the dates by which the co-permittees will achieve each of the measurable goals; and

3.3.8.8 The name and title of the person(s) responsible for coordination and implementation of the illicit discharge detection and elimination program.

3.4 Construction Site Storm Water Runoff Control

3.4.1 The co-permittees must annually review and revise the development, implementation, and enforcement of their existing program that reduces pollutants in any storm water runoff to the MS4 from construction activities consistent with this permit and the current version of the APDES General Permit for Storm Water Discharges from Large and Small Construction Activities in Alaska Permit #: AKR100000 (Alaska Construction General Permit or ACGP). The co-permittees must discuss revisions, planned improvements, and schedule in the Annual Report.

3.4.2 If DEC waives the permit requirements for storm water discharges associated with a specific small construction activity (i.e., a single project) in accordance with 40 CFR §122.26(b)(15)(i)(A) or (B), the co-permittee is not required to develop, implement, or enforce the program to reduce pollutant discharges from that particular site.

3.4.3 The co-permittees must maintain and update as necessary, an ordinance or other regulatory mechanism to be consistent with this Permit and with the current version of the ACGP. This ordinance or regulatory mechanism must include sanctions to ensure compliance.

3.4.4 Co-permittees must continue to publish and distribute requirements for construction site operators to implement appropriate erosion and sediment control BMPs and to control waste such as discarded building materials, concrete truck washout, chemicals, litter and sanitary waste at the construction site that may cause adverse impacts to water quality.

3.4.5 Co-permittees must review, and revise as necessary procedures for reviewing all site plans as required in Part 3.4.1for potential water quality impacts, including erosion and sediment control, control of other wastes, and any other impacts that must be examined according to the requirements of the law, ordinance, or other enforceable mechanism of Part 3.4.3. These procedures must include provisions for receipt and consideration of information submitted by the public.

3.4.6 Co-permittees must review and revise as necessary, procedures for site inspection and enforcement of control measures established as required in Parts 3.4.3 and 3.4.4, including enforcement escalation procedures for recalcitrant or repeat offenders. The co-permittees shall inspect all construction activities as required in Part 3.4.1 in their jurisdictions for appropriate erosion, sediment, and waste control at least once per year.

3.4.7 Co-permittees must conduct a biennial training session for the local construction, design, and engineering audiences related to the construction ordinance and BMP requirements referenced in Parts 3.4.3 and 3.4.4.

3.4.8 The Annual Reports will document data, actions, and analysis on data and program elements. The Annual Report must document the following SWMP information related to construction site runoff control:

3.4.8.1 A copy of the established ordinance or other regulatory mechanism used to require erosion, sediment and waste controls at construction sites as referenced in Part 3.4.3;

3.4.8.2 A copy of the written requirements for appropriate erosion, sediment and waste control BMPs at construction sites;

3.4.8.3 A summary of the number of sanctions and enforcement actions taken by the co-permittees to ensure compliance with the construction site ordinance during the previous twelve–month period. To the extent allowable under the legal authority of each co-permittee, sanctions may include both monetary and non-monetary penalties;

3.4.8.4 A summary of the number of site plan reviews conducted by each co-permittee;

3.4.8.5 A description of the procedures for receipt and consideration of information submitted by the public;

3.4.8.6 A summary of the number of sites inspected during the previous twelve–month period, including a description of the site inspection procedures, how sites will be prioritized for inspection, when and how often a site will be inspected;

3.4.8.7 A list of measurable goals for the construction site runoff control program, including dates by which the co-permittees will achieve each of the measurable goals; and

3.4.8.8 The name and title of the person(s) responsible for coordination and implementation of the construction site runoff control program.

3.5 Post–Construction Storm Water Management in New Development and Redevelopment

3.5.1 Co-permittees must continue the implementation and enforcement of a program to address post-construction storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale that disturb one acre or more, that discharge into the MS4. The program must ensure that controls are in place that would prevent or minimize water quality impacts.

3.5.2 Co-permittees must review the effectiveness and revise, as necessary, ordinances or other regulatory mechanisms to the extent allowable under state or local law to address post-construction runoff from new development and redevelopment projects. Co-permittees must implement appropriate enforcement procedures and actions, including enforcement escalation procedures for recalcitrant or repeat offenders.

3.5.3 Co-permittees must review and revise, as necessary, the publishing and distribution of a BMP design manual for post-construction storm water management, which includes a list of strategies reflecting a combination of structural and non-structural BMPs appropriate to the MS4s.

3.5.4 Co-permittees must ensure proper long-term operation and maintenance of post-construction BMPs.

3.5.5 Co-permittees must continue to conduct biennial training for local construction, design, and engineering audiences.

3.5.6 Green Infrastructure/Low Impact Development (LID) Incentive Strategy and Pilot Project

3.5.6.1 Co-permittees shall incorporate into their education materials information about green infrastructure strategies, such as green roofs, rain gardens, rain barrels, bioswales, permeable piping, dry wells, and permeable pavement that mimic natural processes and direct storm water to areas where it can be infiltrated, evapotranspirated, or reused. The information must discuss the benefits and costs of such strategies and provide guidance to the public on how to implement them.

3.5.6.2 No later than three years from the effective date of this permit, the co-permittees must develop a strategy to provide incentives for the increased use of LID techniques in private and public sector development projects. The strategy must reference methods of evaluating at least one Green Infrastructure/LID pilot project as described below. Co-permittees must implement the Green Infrastructure/LID incentive strategy, and complete an effectiveness evaluation of at least one pilot project, prior to the expiration date of this Permit.

3.5.6.2.1 As part of the 3rd Year Annual Report, the co-permittees must submit the written Green Infrastructure/LID incentive strategy, the project, and a narrative report on the progress to evaluate the effectiveness of each selected LID technique(s) or practice(s) used for on-site control of water quality and/or quantity. The pilot project must involve at least one or more of the following characteristics:

3.5.6.2.1.1 The project manages runoff from at least 10,000 square feet of impervious surface;

3.5.6.2.1.2 The project involves transportation related location(s) (including parking lots);

3.5.6.2.1.3 The project involves mitigation of existing storm water discharges to one or more water bodies identified in Part 1.4.4.

3.5.6.2.2 The co-permittees must evaluate the performance of LID technique(s) or practice(s) of the pilot project, and include a progress report on overall strategy implementation by the 4th Year Annual Report. Final pilot project evaluation must be submitted by the 5th Year Annual Report. The co-permittees must monitor, calculate, or model runoff quantities for the pilot project site in the following manner:

3.5.6.2.2.1 For a retrofit project, changes in runoff quantities shall be calculated as a percentage of 100% pervious surface before and after implementation of the LID technique(s) or practice(s).

3.5.6.2.2.2 For new construction projects, changes in runoff quantities shall be calculated for development scenarios both with LID technique(s) or practice(s) and without LID technique(s) or practice(s).

3.5.6.2.2.3 The co-permittees must measure runoff flow rate and subsequently prepare runoff hydrographs to characterize peak runoff rates and volumes, discharge rates and volumes, and duration of discharge volumes. The evaluation must include quantification and description of each type of land cover contributing to surface runoff for the pilot project, including area, slope, vegetation type and condition for pervious surfaces, and the nature of impervious surfaces.

3.5.6.2.2.4 The co-permittees must use these runoff values to evaluate overall effectiveness of various LID technique(s) or practice(s) and to develop recommendations for future adoption of LID technique(s) or practice(s) that address appropriate use, design, type, size, soil type and operation and maintenance practices.

3.5.7 The Annual Report must document the following SWMP information related to post-construction storm water management:

3.5.7.1 A copy of the BMP design manual containing structural and non-structural BMPs that will be used to manage post-construction runoff from new development and redevelopment projects within the MS4s. List any specific priority areas for this program;

3.5.7.2 An explanation of the design and performance features of the chosen BMPs that are intended to minimize water quality impacts;

3.5.7.3 A copy of the established ordinance or other regulatory mechanism used to address post-construction runoff control;

3.5.7.4 A description of how long-term operation and maintenance of the selected BMPs is ensured, including the organizations responsible and their expected operation and maintenance schedule;

3.5.7.5 A description of the plans to inform and educate developers and the public about appropriate project designs that minimize water quality impacts;

3.5.7.6 A list of measurable goals for the post-construction runoff control program, including dates by which the co-permittee will achieve each of the measurable goals; and

3.5.7.7 The name and/or title of the person(s) responsible for coordination and implementation of the post-construction SWMP.

3.6 Pollution Prevention and Good Housekeeping

3.6.1 Co-permittees must continue to maintain and implement an operation and maintenance program intended to prevent or reduce pollutant runoff from municipal activities. This program must:

3.6.1.1 Include an employee training component;

3.6.1.2 Address the following activities at a minimum:

3.6.1.2.1 Park and open space maintenance,

3.6.1.2.2 Fleet and building maintenance,

3.6.1.2.3 New construction and land disturbances,

3.6.1.2.4 Storm water system maintenance, and

3.6.1.2.5 Snow disposal site operation and maintenance.

3.6.2 Annually, co-permittees must continue appropriate training for municipal personnel related to optimum maintenance practices for the protection of water quality.

3.6.3 Co-permittees must continue to ensure that new flood management projects are assessed for impacts on water quality and existing projects are assessed for incorporation of additional water quality protection devices or practices.

3.6.4 The Annual Report must document the co-permittees' efforts during the previous twelve-month period to prevent or reduce pollutant runoff from the municipal operations through the operation and maintenance program, including:

3.6.4.1 A description of the activities, maintenance schedules, and long-term inspection procedures for controls to reduce floatables and other pollutants to the MS4s;

3.6.4.2 A description of the employee training program used to prevent and reduce storm water pollution, including the targeted department personnel, frequency of such training, and a copy of training materials;

3.6.4.3 A summary description of the controls for reducing or eliminating the discharge of pollutants from areas owned or operated by the co-permittees, including but not limited to, streets, roads, and highways; municipal parking lots; maintenance and storage yards; waste transfer stations; fleet or maintenance shops with outdoor storage areas; salt/sand storage locations; and snow disposal sites operated by the co-permittees;

3.6.4.4 A description of procedures to ensure proper disposal of waste removed from the MS4s and the MS4s operations including dredge spoil, accumulated sediments, floatables, and other debris;

3.6.4.5 A description of procedures to ensure that new flood management projects are assessed for impacts on water quality and existing projects are assessed for incorporation of additional water quality protection devices or practices;

3.6.4.6 A list of all industrial facilities owned or operated by the co-permittees that discharge to the MS4, including industrial facilities that are subject to the MSGP or APDES individual permits for discharges of storm water associated with industrial activity. Include the DEC permit tracking number or a copy of the Industrial Notice of Intent (NOI) form for each facility, as appropriate;

3.6.4.7 A list of measurable goals for the pollution prevention and good housekeeping program, including dates by which the co-permittees will achieve each of the measurable goals; and

3.6.4.8 The name and title of the person(s) responsible for coordination and implementation of the operation and maintenance program.

4.0 MONITORING, EVALUATION, REPORTING, AND RECORD KEEPING REQUIREMENTS

4.1 Monitoring Program Plan

4.1.1 The co-permittees must continue to implement, and revise as necessary, a comprehensive Monitoring Program Plan. A description of this program must be included in the SWMP document. The Monitoring Program Plan must be designed to meet the following objectives:

4.1.1.1 Assess compliance with this permit;

4.1.1.2 Measure the effectiveness of the co-permittee's SWMP;

4.1.1.3 Measure the chemical, physical, and biological impacts to receiving waters resulting from storm water discharges;

4.1.1.4 Characterize storm water discharges;

4.1.1.5 Identify sources of specific pollutants;

4.1.1.6 Detect and eliminate illicit discharges and illegal connections to the MS4.

4.1.2 When the co-permittees conduct water quality monitoring, the co-permittees must comply with the following:

4.1.2.1 **Representative monitoring**: All samples and measurements must be representative of the monitored activity;

4.1.2.2 **Test Procedures**. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136 (adopted by reference at 18 AAC 83.010), unless otherwise specified; and

4.1.2.3 **Discharge Monitoring Report**: Monitoring results must be recorded on a Discharge Monitoring Report (DMR) form (EPA No. 3320-1) or equivalent, and submitted annually for the previous twelve-month period along with the Annual Report.

4.1.3 **Monitoring Program Plan including Quality Assurance Requirements**: Within 180 days of the effective date of this permit, the co-permittees must submit a current Monitoring Program Plan that includes a Quality Assurance Project Plan (QAPP) for all analytical monitoring to be conducted, including but not limited, to discharge detection and elimination activities described in Parts 3.2 and 3.3. The Monitoring Program Plan must be submitted to the address listed in Part 4.5.

4.1.3.1 The Monitoring Program Plan must include a list of at least 15 outfalls prioritized to identify “high” and “medium” priority monitoring locations. The co-permittees must select a subset of at least 8 outfall locations to monitor throughout the permit term. The outfalls selected by the co-permittees must be representative of major land uses within the permit coverage area as defined in Part 1.2.

4.1.3.2 The QAPP must be designed to assist in planning for the collection and analysis of water samples in support of the SWMP.

4.1.3.3 Throughout all sample collection and analysis activities, the co-permittees must use the EPA-approved Quality Assurance/Quality Control (QA/QC) and chain-of-custody procedures described in *Requirements for Quality Assurance Project Plans* (EPA/QA/R-5), *Guidance for Quality Assurance Project Plans* (EPA/QA/G-5) and the DEC Quality Assurance Plan Checklist. The QAPP must be formatted as specified in these documents.

4.1.3.4 At a minimum, the QAPP must include the following:

4.1.3.4.1 Details on the number of samples, type of sample containers, preservation of samples, holding times, analytical methods, analytical detection, and quantitation limits for each target compound; type and number of quality assurance field samples; precision and accuracy requirements; sample preparation requirements; sample shipping methods; and laboratory data delivery requirements.

4.1.3.4.2 Map(s) indicating the location(s) of each sampling point.

4.1.3.4.3 Qualification and training of personnel.

4.1.3.4.4 Name(s), address(es) and telephone number(s) of the laboratories used by or proposed to be used by the co-permittees.

4.1.3.5 Annually, co-permittees must review the adequacy of the QAPP based on permit compliance activities and sampling results. The co-permittees must amend this Monitoring Program Plan and QAPP whenever there is a modification in the sample collection, sample analysis, or other conditions or requirements of the plan.

4.1.4 Copies of the Monitoring Program Plan and QAPP must made available to DEC upon request.

4.1.5 Within one year of the effective date of this permit, the co-permittees must begin monitoring the identified storm water outfalls in Part 4.1.3.1 during wet weather events at least two times per year. The monitoring requirements are listed in Table 2: Outfall Monitoring Requirements.

Table 2: Outfall Monitoring Requirements

Effluent Characteristics	**Monitoring Requirements**			
Parameter	**Units**	**Sample Location [a]**	**Sample Frequency [b]**	**Sample Type [c]**
Dissolved Oxygen	mg/L		2 times/year	Grab or Recording
pH	SU		2 times/year	Grab or Recording
Temperature	˚ C		2 times/year	Grab or Recording
Turbidity	NTU		2 times/year	Grab or Recording
Flow	cfs		2 times/year	Grab or Recording, or guage
Total Suspended Solids (TSS)	mg/L		2 times/year	Grab
Conductivity	µS/cm		2 times/year	Grab or Recording
Chloride	mg/L		2 times/year	Grab
Oil and Grease [d]	sheen	Noyes Slough	Monthly	Visual

Notes:
a. Sample locations must be defined in the co-permittees' Monitoring Program Plan.
b. A minimum of two (2) samples must be collected in calendar year (spring and late summer) assuming the presence of storm events sufficient to produce a discharge.
c. Co-permittees may use other sample types as long as previously identified in the Monitoring Program Plan. Grab samples may be taken manually or with an automatic water sampler.
d. Monthly observations during open water season during periods of both wet and dry weather, with potential identification of source of sheen on Noyes Slough if present.

4.1.6 Records of monitoring information must include:

4.1.6.1 The date, exact place, and time the samples or measurements were taken;
4.1.6.2 The names(s) of the individual(s) who performed the sampling or measurements;
4.1.6.3 The date(s) upon which analysis of each sample was performed;
4.1.6.4 The names of the individuals who performed each analysis;
4.1.6.5 The analytical techniques or methods used; and
4.1.6.6 The results of each analysis.

4.1.7 If any of the co-permittees monitors more frequently than required by this permit using test procedures approved under 40 CFR Part 136 (adopted by reference at 18 AAC 83.010), or as otherwise specified by this permit, the results of this monitoring must be included with the data submitted as part of the Annual Report.

4.2 Evaluation of Overall Program Effectiveness

Annual Effectiveness Assessment – At least annually, each co-permittee must evaluate its compliance with the permit conditions, the appropriateness of identified BMPs, and progress toward achieving identified measurable goals for each of the minimum control measures in Part 3.0. This evaluation of program compliance must be documented in the Annual Report. The annual effectiveness assessment must:

4.2.1 Use the monitoring and assessment data described in Part 4.1 to specifically assess the effectiveness of each of the following:

4.2.1.1 Each significant activity/control measures or type of activity/control measure implemented;

4.2.1.2 Implementation of each major component of the SWMP (Public Education/Involvement, Illicit Discharges, Construction, Post-Construction, Pollution Prevention and Good Housekeeping); and

4.2.1.3 Implementation of the SWMP as a whole.

4.2.2 Identify and use measurable goals, assessment indicators, and assessment methods for each of the items listed in Part 4.2.1.

4.2.3 Document the co-permittees' compliance with permit conditions.

4.2.4 Based on the results of the effectiveness assessment, the co-permittees must annually review their activities or control measures to identify modifications and improvements needed to maximize SWMP effectiveness, as necessary to achieve compliance with this permit. The co-permittees must develop and implement a plan and schedule to address the identified modifications and improvements. Municipal activities/control measures that are ineffective or less effective than other comparable municipal activities/control measures must be replaced or improved upon by implementation of more effective municipal activities/control measures.

4.3 Annual Reports

4.3.1 According to the schedule in Table 3: Submission Deadlines for Annual Reports, and annually thereafter, the co-permittees must submit an Annual Report for the previous twelve months to DEC at the address in Part 4.5. The Annual Report must clearly refer to the permit requirements and describe in quantifiable terms the status of activities undertaken to comply with each requirement. In addition, copies of all Annual Reports must be available to the public through the municipal library system, a co-permittee-maintained website, or other easily accessible location.

Table 3: Submission Deadlines for Annual Reports

Reporting Period	Submission Deadline
1st year Annual Report (permit issuance date – December 2014)	February 1, 2015
2nd year Annual Report (January 1, 2015 – December 31, 2015)	February 1, 2016
3rd year Annual Report (January 1, 2016 – December 31, 2016)	February 1, 2017
4th year Annual Report (January 1, 2017 – December 31, 2017)	February 1, 2018
5th year Annual Report (January 1, 2018 – permit expiration date[1])	February 1, 2019

Note:
1. Unless the permit is extended to or past December 31, 2018; in which case December 31, 2018. Subsequent reporting periods will follow similar format for the calendar year with submission deadline of February 1st the following year.

4.3.2 **Summary Annual Report** – The co-permittees must use the MS4 – Summary Annual Report template in Appendix D to document a summary of the past year's activities. All of the information required on this form must be submitted.

4.3.3 **Detailed Annual Report** – The co-permittees must also submit a detailed Annual Report that addresses the activities described in the SWMP document required in Part 2.0. The Annual Report must include, at a minimum:

4.3.3.1 An updated SWMP document as required in Part 2.0.

4.3.3.2 A description of the effectiveness of each SWMP program component or activity (see Part 4.2).

4.3.3.3 Planned activities and changes for the next reporting period for each SWMP program component or activity.

4.3.3.4 An evaluation of compliance with the requirements of this permit, the appropriateness of identified BMPs, and progress toward achieving identified measurable goals of the SWMP for each minimum control measure.

4.3.3.5 Results of any information collected and analyzed during the previous -twelve month reporting period, including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the maximum extent practicable.

4.3.3.6 A summary of the activities the co-permittees' plan to undertake during the next reporting cycle (including an implementation schedule) for each minimum control measure.

4.3.3.7 Proposed changes and completed changes to the SWMP, including changes to any BMPs or any identified measurable goals for any minimum control measures.

4.3.3.8 Description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable water quality standards.

4.3.3.9 Notice if the co-permittees are relying on another entity to satisfy some of the permit obligations, if applicable.

4.4 Record Keeping

4.4.1 **Retention of Records**: Co-permittees must retain records and copies of all information (including all monitoring, calibration and maintenance records and all original strip chart recordings for any continuous monitoring instrumentation, copies of all reports required by this permit, copies of DMRs, a copy of the NPDES permit, and records of all data used to complete the application for this permit) for a period of at least five years from the date of the sample, measurement, report or application, or for the term of this permit, whichever is longer. This period may be extended at the request of DEC at any time. Records include all information used in the development of the SWMP, all monitoring data, copies of all reports, and all data used in the development of the permit application.

4.4.2 **Availability of Records**: Co-permittees must retain the SWMP required by this permit (including a copy of the permit language and all Annual Reports) at a location accessible to DEC. The co-permittees must make records, including the permit application and the SWMP, available to the public if requested to do so in writing and make those records available for view during normal business hours.

4.5 Address

Submittals required by this permit must be made to the following address:

Alaska Department of Environmental Conservation
Wastewater Discharge Authorization - Storm Water Program
555 Cordova Street
Anchorage, Alaska 99501
Telephone (907) 269-6285
Email: dec-wqreporting@alaska.gov

5.0 TERMINATION OF COVERAGE FOR A SINGLE CO-PERMITTEE.

Permit coverage may be terminated, in accordance with the provisions of 40 CFR §122.64 and §124.5, for a single co-permittee without terminating coverage for other co-permittees.