

3. Public Education and Public Participation

- A. Is your public education program targeting specific pollutants and sources of those pollutants? Yes No
- B. If yes, what are the specific sources and/or pollutants addressed by your public education program?
Bacteria from domestic animal waste, residential car washing, residential pesticide use, proper disposal of household hazardous waste, residential de-icers
- C. Note specific successful outcome(s) (e.g., quantified reduction in fertilizer use; NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period.
Compared to the 2010 survey, the 2014 Public Education Survey indicates an increased concern/awareness of the impacts of domestic fertilizer and pesticide use
- D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your storm water program? Yes No

4. Construction

- A. Do you have an ordinance or other regulatory mechanism stipulating:
 - Erosion and sediment control requirements? Yes No
 - Other construction waste control requirements? Yes No
 - Requirement to submit construction plans for review? Yes No
 - MS4 enforcement authority? Yes No
- B. Do you have written procedures for:
 - Reviewing construction plans? Yes No
 - Performing inspections? Yes No
 - Responding to violations? Yes No
- C. Identify the total number of active construction sites ≥ 1 acre in operation in your jurisdiction during the reporting period. 72
- D. How many of the sites identified in 4.C did you inspect during this reporting period? 72
- E. Describe, on average, the frequency with which your program conducts construction site inspections.
Based on Table 3-2, Municipal Inspection Frequency, in MOA Storm Water Treatment Plan Review Guidance Manual, 3rd Edition
- F. Do you prioritize certain construction sites for more frequent inspections?
 If Yes, based on what criteria? Yes No
Based on the MOA- Handout AG.21 -Storm Water Treatment Plan Review for New and redevelopment Project , Checklist # 3
- G. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

<input checked="" type="checkbox"/> Yes	Notice Of Violation	#	<u>None</u>		No Authority <input type="checkbox"/>
<input checked="" type="checkbox"/> Yes	Administrative Fines	#	<u>None</u>		No Authority <input type="checkbox"/>
<input checked="" type="checkbox"/> Yes	Stop Work Orders	#	<u>None</u>		No Authority <input type="checkbox"/>
<input checked="" type="checkbox"/> Yes	Civil Penalties	#	<u>None</u>		No Authority <input type="checkbox"/>
<input type="checkbox"/> Yes	Criminal Actions	#	<u></u>		No Authority <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Yes	Administrative Orders	#	<u>None</u>		No Authority <input type="checkbox"/>
<input checked="" type="checkbox"/> Yes	Other		<u>Corrective Action Notice for Reinspection</u>	#	<u>3</u>
- H. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions of active construction sites in your jurisdiction? Yes No
- I. What are the 3 most common types of violations documented during this reporting period?
a. Road or site entrance needs to be swept b. BMPs not installed or improperly installed c. Inspection reports and logs need to be filled out as per SWPPP
- J. How often do municipal employees receive training on the construction program?
Yearly, special topics and AKCESCL every 3 years

5. Illicit Discharge Elimination

- A. Have you completed a map of all outfalls and receiving waters of your storm sewer system? Yes No
- B. Have you completed a map of all storm drain pipes and other conveyances in the storm sewer system? Yes No
- C. Identify the number of outfalls in your storm sewer system. 231 Major, 494 Minor
- D. Do you have documented procedures, including frequency, for screening outfalls? Yes No
- E. Of the outfalls identified in 5.C, how many were screened for dry weather discharges during this reporting period? 63
- F. Of the outfalls identified in 5.C, how many have been screened for dry weather discharges at any time since you obtained MS4 permit coverage? 375
- G. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type. Rotate through a minimum of 3 watersheds per year from which annual screening looks at more than 30 outfalls to find 15 from which to sample flow every year Annually
- H. Do you have an ordinance or other regulatory mechanism that effectively prohibits illicit discharges? Yes No
- I. Do you have an ordinance or other regulatory mechanism that provides authority for you to take enforcement action and/or recover costs for addressing illicit discharges? Yes No
- J. During this reporting period, how many illicit discharges/illegal connections have you discovered? 25
- K. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated? 25
- L. How often do municipal employees receive training on the illicit discharge program? Annually

6. Storm Water Management for Municipal Operations

- A. Have storm water pollution prevention plans (or an equivalent plan) been developed for:
 - All public parks, ball fields, other recreational facilities and other open spaces Yes No
 - All municipal fleet and building maintenance activities Yes No
 - All municipal construction activities, including those disturbing greater than 1 acre Yes No
 - All municipal storm water system maintenance Yes No
 - All municipal snow disposal site operation and maintenance activities Yes No
 - Other Road maintenance materials storage yards (traction sand, etc.)
- B. Are storm water inspections conducted at these facilities? Yes No
- C. If Yes, at what frequency are inspections conducted? Quarterly, unless otherwise specified in the facility SWPPP
- D. List activities for which operating procedures or management practices specific to storm water management have been developed (e.g., road repairs, catch basin cleaning).
SOPs have been developed for all maintenance activities performed by the various entities responsible for maintenance on the Anchorage MS4. Copies of these SOPs are found in the 2015 Annual Report
- E. Do you prioritize certain municipal activities and/or facilities for more frequent inspection? Yes No
- F. If Yes, which activities and/or facilities receive most frequent inspections? As outlined in the APDES Permit
- G. Do all municipal employees and contractors overseeing planning and implementation of storm water-related activities receive comprehensive training on storm water management? Yes No
- H. If yes, do you also provide regular updates and refreshers? Yes No

I. If so, how frequently and/or under what circumstances? Semi-annual training, monthly co-permittee meetings

7. Long-term (Post-Construction) Storm Water Measures

- A. Do you have an ordinance or other regulatory mechanism to require:
- Site plan reviews for storm water/water quality of all new and re-development projects? Yes No
 - Long-term operation and maintenance of storm water management controls? Yes No
 - Retrofitting to incorporate long-term storm water management controls? Yes No

B. If you have retrofit requirements, what are the circumstances/criteria?
Projects involving 10,000 feet of ground disturbing activity must manage the first 1/2 inch of rainfall

C. What are your criteria for determining which new/re-development storm water plans you will review (e.g., all projects, projects disturbing greater than one acre, etc.)
All projects which require a building or landuse permit from the MOA are reviewed

D. Do you require water quality or quantity design standards or performance standards, either directly or by reference to a state or other standard, be met for new development and re-development? Yes No

- E. Do these performance or design standards require that pre-development hydrology be met for:
- Flow volumes Yes No
 - Peak discharge rates Yes No
 - Discharge frequency Yes No
 - Flow duration Yes No

F. Please provide the URL/reference where all post-construction storm water management standards can be found.
Please see item #8, Additional Information

G. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection? 47

H. How many of the plans identified in 7.G were approved? 47

I. How many privately owned permanent storm water management practices/facilities were inspected during the reporting period? 2

J. How many of the practices/facilities identified in 7.I were found to have inadequate maintenance? 0

K. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections?
30 days, subject to seasonal conditions and concerns

L. Do you have authority to take enforcement action for failure to properly operate and maintain storm water practices/facilities? Yes No

M. How many formal enforcement actions (i.e., more than a verbal or written warning) were taken for failure to adequately operate and/or maintain storm water management practices? None

N. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? Yes

O. Do all municipal departments and/or staff (as relevant) have access to this tracking system? Yes No

P. How often do municipal employees receive training on the post-construction program? Yearly

8. Additional Information

Please include any additional information on the performance of your MS4 program. If providing clarification to any of the questions on this form, please provide the question number (e.g., 2C) in your response.

Question 2.E: The Municipality participates with other interest groups on management of seasonal and year-round waterfowl populations.

Question 7.F:

Anchorage Design Criteria Manual:

http://www.muni.org/Departments/project_management/Design%20Criteria%20Manual/DCM%20Chap2%202009%20clean.pdf

Anchorage Drainage Design Guidelines:

http://www.muni.org/Departments/project_management/Publications/2009%20Drainage%20Design%20Guidelines-clean.pdf

Please see the attached 2015 APDES Annual Report for greater detail on all items contained in this form.

Certification Statement and Signature

Yes 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.

Per Appendix A, Part 1.12.2 This report to be signed as follows: **For a municipal, State, Federal, or other public facility:** by either a principal executive or ranking elected official; **for a corporation,** a responsible corporate officer.

Signature

J.W. Hansen, Director, Project Mgt. & Engineering

Date

Signature

Date