



Alaska Department of Environmental Conservation MSGP Annual Reporting Form

Section I. General Information			
Facility Name <p style="text-align: center;">Juneau International Airport</p>		APDES Permit Tracking Number <p style="text-align: center;">AKR06AD42</p>	
<i>Facility Physical Address</i>			
Street <p style="text-align: center;">1873 Shell Simmons Dr. Suite 200</p>	City <p style="text-align: center;">Juneau</p>	State <p style="text-align: center;">Alaska</p>	Zip Code <p style="text-align: center;">99801</p>
Contact Person <p style="text-align: center;">Patricia K Wahto</p>	Title <p style="text-align: center;">Airport Manager</p>	Phone <p style="text-align: center;">907-789-7821</p>	Email <p style="text-align: center;">patty.wahto@jnuairport.com</p>
Lead Inspector's Name <p style="text-align: center;">Christopher O'Brien</p>	Additional Inspector's Name	Additional Inspector's Name	Inspection Date

Section II. General Inspection Findings	
<p>1. As part of this comprehensive site inspection, did you inspect all potential pollutant sources, including areas where industrial activity may be exposed to storm water? If NO, describe why not:</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Note: Complete Section III of this form for each industrial activity area inspected and included in your SWPPP or as newly defined, in Section II parts 2 and 3 below, where pollutants may be exposed to storm water.

<p>2. Did this inspection identify any storm water or non-storm water outfalls not previously identified in your SWPPP? If YES, for each location, describe the sources of those storm water and non-storm water discharges and any associated control measures in place:</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<p>3. Did this inspection identify any sources of storm water or non-storm water discharges not previously identified in your SWPPP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If YES, describe these sources of storm water or non-storm water pollutants expected to be present in these discharges, and any control measures in place:</p>
<p>4. Did you review storm water monitoring data as part of this inspection to identify potential pollutant hotspots? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA, no monitoring performed</p> <p>If YES, summarize the findings of that review and describe any additional inspection activities resulting from this review:</p> <p>November 24, 2020 monitoring at outfalls at #3, #6, #9, #10, #11 and #16; only site #16 discharge at float pond/river area showed concentrations of BOD and COD only. All other locations and values were within benchmark/concentration limits.</p>
<p>5. Describe any evidence of pollutants entering the drainage system or discharging to surface waters, and the condition of and around outfalls, including flow dissipation measure to prevent scouring:</p> <p>No evidence of pollution or additional discharge. The Taxiway A Rehabilitation and infield drainage construction project is monitored under SWPPP #AKR10GE96 (construction), with co-permittee, SECON Construction (through 2021)</p>
<p>6. Have you taken or do you plan to take corrective actions, as specified in Part 8 of the permit, since your last annual report submission (or since you received authorization to discharge under this permit if this is your first annual report), including any corrective actions identified as a result of this annual comprehensive site inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If YES, how many conditions requiring review for corrective action as specified in Parts 8.1 and 8.2 of the MSGP were addressed by these corrective actions?</p>
<p>Note: Complete the attached Corrective Action Form (Section IV) for each condition identified, including any conditions identified as a result of this comprehensive storm water inspection.</p>

Section III. Industrial Activity Area Specific Findings

Complete one block for each industrial activity area where pollutants may be exposed to storm water. Copy this page for additional industrial activity areas.
 In reviewing each area, you should consider:

- Industrial materials, residue, or trash that may have or could come into contact with storm water;
- Leaks or spills from industrial equipment, drums, tanks, and other containers;
- Offsite tracking of industrial or waste materials from areas of no exposure to exposed areas; and
- Tracking or blowing of raw, final, or waste material from areas of no exposure to exposed areas.

Industrial Activity Area: All areas are on Airport; aviation activity.

1. Brief Description:

Main Ramp:

Airport terminal, aircraft parking west and south of terminal, and air cargo west of the main ramp.

2. Are any control measures in need of maintenance or repair? Yes No

3. Have any control measures failed and require replacement? Yes No

4. Are any additional/revised control measures necessary in this area? Yes No

If YES, to any of these three questions, provide a description of the problem: *(Any necessary corrective actions should be described on the attached Corrective Action Form.)*

Industrial Activity Area:

1. Brief Description:

Parking Lots:

Public side of airport (north and east of airport terminal) which include public parking, employee parking and rental care parking lot; additionally, commercial ground transportation pickup and drop-off, and staging.

2. Are any control measures in need of maintenance or repair? Yes No

3. Have any control measures failed and require replacement? Yes No

4. Are any additional/revised control measures necessary in this area? Yes No

If YES, to any of these three questions, provide a description of the problem: *(Any necessary corrective actions should be described on the attached Corrective Action Form.)*

Industrial Activity Area:			
1. Brief Description:			
Runway and Taxiway: Paved airport runway and parallel taxiway, and runway-taxiway links, south of the main terminal.			
Float Pond/water runway: Waterway for float plane activity (seasonal when not frozen), parallel and south of the runway.			
2. Are any control measures in need of maintenance or repair?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
3. Have any control measures failed and require replacement?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
4. Are any additional/ revised control measures necessary in this area?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
If YES, to any of these three questions, provide a description of the problem: <i>(Any necessary corrective actions should be described on the attached Corrective Action Form.)</i>			
Taxiway A, D-1 and E under construction through 2021 under own construction SWPPP AKR10GE95 (with SECON construction). Some infield drainage plans will be modified by this work and updated in the permit upon completion. Note: Outfall 7 (TWY E, F infield West) and Outfall 8 (TWY E infield East) no longer exist due to realignment and changes in outfalls from construction (per 2007 EIS ROD). These outfalls will be updated in the next program update in 2021.			
Industrial Activity Area:			
1. Brief Description:			
West Ramp: West and South of Alex Holden Drive (air cargo); including Aero Services (FBO), NorthStar Trekking, UPS, Civil Air Patrol, Snow Removal Equipment Facility, Sand/Chemical/Fueling Facility (airport snow/ice control and equipment storage), and private hangars and small aircraft tiedowns.			
2. Are any control measures in need of maintenance or repair?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
3. Have any control measures failed and require replacement?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
4. Are any additional/ revised control measures necessary in this area?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If YES, to any of these three questions, provide a description of the problem: <i>(Any necessary corrective actions should be described on the attached Corrective Action Form.)</i>			

Section III. Industrial Activity Area Specific Findings

Complete one block for each industrial activity area where pollutants may be exposed to storm water. Copy this page for additional industrial activity areas.
 In reviewing each area, you should consider:

- Industrial materials, residue, or trash that may have or could come into contact with storm water;
- Leaks or spills from industrial equipment, drums, tanks, and other containers;
- Offsite tracking of industrial or waste materials from areas of no exposure to exposed areas; and
- Tracking or blowing of raw, final, or waste material from areas of no exposure to exposed areas.

Industrial Activity Area: All areas are on Airport; aviation activity.

1. Brief Description:

Bulk Fuel Storage:

Five 20,000 to 30,000 gallon above ground tanks, and one small tank; used to store aviation fuel. Located north of west ramp in segregated fuel tank farm.

2. Are any control measures in need of maintenance or repair? Yes No

3. Have any control measures failed and require replacement? Yes No

4. Are any additional/revised control measures necessary in this area? Yes No

If YES, to any of these three questions, provide a description of the problem: *(Any necessary corrective actions should be described on the attached Corrective Action Form.)*

Industrial Activity Area:

1. Brief Description:

FAA Flight Service Station:

FAA automated flight service station, Aero Services spill response warehouse, maintenance building, Alaska Communications Systems (ACS) and Budget Rent-a-car shop. Located north of the main ramp.

2. Are any control measures in need of maintenance or repair? Yes No

3. Have any control measures failed and require replacement? Yes No

4. Are any additional/revised control measures necessary in this area? Yes No

If YES, to any of these three questions, provide a description of the problem: *(Any necessary corrective actions should be described on the attached Corrective Action Form.)*

Industrial Activity Area:			
1. Brief Description: East Ramp: Coastal Helicopters, abandoned sand/chemical building (currently under demolition), Ward Air, Alaska Seaplanes hangars, mix of commercial and private hangars. East of the terminal.			
2. Are any control measures in need of maintenance or repair?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
3. Have any control measures failed and require replacement?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
4. Are any additional/revised control measures necessary in this area?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If YES, to any of these three questions, provide a description of the problem: <i>(Any necessary corrective actions should be described on the attached Corrective Action Form.)</i>			
Industrial Activity Area:			
1. Brief Description: National Guard Ramp: Glacier Valley Fire Station (Aircraft Rescue and Fire Fighting apparatus bays) and landside fire/rescue, Airlift Northwest medevac, National Guard hangar, Guardian Flight medevac, Wings Airways and LifeMed medevac hangars. East of terminal and east ramp.			
2. Are any control measures in need of maintenance or repair?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
3. Have any control measures failed and require replacement?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
4. Are any additional/revised control measures necessary in this area?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If YES, to any of these three questions, provide a description of the problem: <i>(Any necessary corrective actions should be described on the attached Corrective Action Form.)</i>			

Section III. Industrial Activity Area Specific Findings	
<p>Complete one block for each industrial activity area where pollutants may be exposed to storm water. Copy this page for additional industrial activity areas. In reviewing each area, you should consider:</p> <ul style="list-style-type: none"> • Industrial materials, residue, or trash that may have or could come into contact with storm water; • Leaks or spills from industrial equipment, drums, tanks, and other containers; • Offsite tracking of industrial or waste materials from areas of no exposure to exposed areas; and • Tracking or blowing of raw, final, or waste material from areas of no exposure to exposed areas. 	
Industrial Activity Area:	All areas are on Airport; aviation activity.
1. Brief Description:	
<p>E-1 Ramp East and West: Transient parking for larger private jets. South of the National Guard Ramp and medevacs; on either side of Taxiway E-1</p>	
2. Are any control measures in need of maintenance or repair?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Have any control measures failed and require replacement?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Are any additional/revised control measures necessary in this area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>If YES, to any of these three questions, provide a description of the problem: <i>(Any necessary corrective actions should be described on the attached Corrective Action Form.)</i></p> <p>There is a separate SWPPP for construction (AKR10GE96) for a portion of this area being used as a temporary asphalt batch plant.</p>	
Industrial Activity Area:	
1. Brief Description:	
<p>TEMSCO Helicopter Ramp: Helicopter ramp for flight tours, charters, search/rescue and maintenance facility. East of E-1 East ramp</p>	
2. Are any control measures in need of maintenance or repair?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Have any control measures failed and require replacement?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Are any additional/revised control measures necessary in this area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>If YES, to any of these three questions, provide a description of the problem: <i>(Any necessary corrective actions should be described on the attached Corrective Action Form.)</i></p>	

Industrial Activity Area:			
1. Brief Description: Drainage Areas Along Public Roads: Roadways, curb, gutter, catch drains, vegetated ditches and culverts that collect, treat and discharge stormwater runoff from portions of Shell Simmons Drive, Yandukin Drive, Cessna Drive, Alex Holden Way and Livingston Way.			
2. Are any control measures in need of maintenance or repair?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
3. Have any control measures failed and require replacement?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
4. Are any additional/revised control measures necessary in this area?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If YES, to any of these three questions, provide a description of the problem: <i>(Any necessary corrective actions should be described on the attached Corrective Action Form.)</i>			
Industrial Activity Area:			
1. Brief Description: N/A			
2. Are any control measures in need of maintenance or repair?	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
3. Have any control measures failed and require replacement?	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
4. Are any additional/revised control measures necessary in this area?	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
If YES, to any of these three questions, provide a description of the problem: <i>(Any necessary corrective actions should be described on the attached Corrective Action Form.)</i>			

Section IV. Corrective Actions

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in the comprehensive storm water inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # **1** of **2** for this reporting period.

2. Is this corrective action:

- An update on a corrective action from a previous annual report; or
- A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- Unauthorized release of discharge
- Numeric effluent limitation exceedance
- Control measures inadequate to meet applicable water quality standards
- Control measures inadequate to meet non-numeric effluent limitations
- Control measures not properly operated or maintained
- Change in facility operations necessitated change in control measures
- Average benchmark value exceedance
- Other (describe):

4. Briefly describe the nature of the problem identified:

Outfall 7 (TWY E, F infield West) and Outfall 8 (TWY E infield East) no longer exist due to realignment and changes in outfalls from construction (per 2007 EIS ROD). These outfalls will be updated in the next program update in 2021.

5. Date problem identified: **November 29, 2020**

6. How problem was identified:

- Comprehensive site inspection
- Quarterly visual assessment
- Routine facility inspection
- Notification by EPA or DEC
- Other (describe):

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analysis to be conducted, etc.) or if no modification is needed, basis for that determination.

SWPPP/MSGP map and program will be updated in 2021 (when construction closes out) to note the changes in the outfalls.

8. Did/will this corrective action require modification of your SWPPP?

Yes

No

9. Date corrective action initiated: **November 29, 2020**

10. Date corrective action completed: _____ Or expected to be completed: **September 30, 2021**

11. If corrective action not yet completed, provide the status of the corrective action as the time of the comprehensive site inspections and describe any remaining steps (including timeframes associated with each step) necessary to complete the corrective action:

Requires program update once construction is complete.

Section V. Annual Report Certification

Compliance Certification

Do you certify that your annual inspection has met the requirements of Part 6.3 of the permit, and that, based upon the results of this inspection, to the best of your knowledge, you are in compliance with the permit?



Yes



No

If NO, summarize why you are not in compliance with the permit:

Annual Report Certification **continued on next page**

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 person directly responsible for gathering 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.

continued on next page

Name of Authorized Representative

Title

Email

Signature

Date Signed

Section IV. Corrective Actions

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in the comprehensive storm water inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # **2** of **2** for this reporting period.

2. Is this corrective action:

- An update on a corrective action from a previous annual report; or
- A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- Unauthorized release of discharge
- Numeric effluent limitation exceedance
- Control measures inadequate to meet applicable water quality standards
- Control measures inadequate to meet non-numeric effluent limitations
- Control measures not properly operated or maintained
- Change in facility operations necessitated change in control measures
- Average benchmark value exceedance
- Other (describe):

4. Briefly describe the nature of the problem identified:

Outfall #16 exceeded limits for concentration of BOD and COD

5. Date problem identified: **December 4, 2020**

6. How problem was identified:

- Comprehensive site inspection
- Quarterly visual assessment
- Routine facility inspection
- Notification by EPA or DEC
- Other (describe):

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analysis to be conducted, etc.) or if no modification is needed, basis for that determination.

Continued monitoring and testing; look at best practices could prevent the exceeded limits at Outfall #16. Previously Outfall 6 (terminal drainage) exceeded limits for BOD and COD, but now within limits.

8. Did/will this corrective action require modification of your SWPPP?

- Yes No

9. Date corrective action initiated:

10. Date corrective action completed:

Or expected to be completed:

11. If corrective action not yet completed, provide the status of the corrective action as the time of the comprehensive site inspections and describe any remaining steps (including timeframes associated with each step) necessary to complete the corrective action:

Section V. Annual Report Certification**Compliance Certification**

Do you certify that your annual inspection has met the requirements of Part 6.3 of the permit, and that, based upon the results of this inspection, to the best of your knowledge, you are in compliance with the permit?



Yes



No

If NO, summarize why you are not in compliance with the permit:

Annual Report Certification

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 person directly responsible for gathering 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.

Patricia K Wahto**Airport Manager****patty.wahto@jnuairport.com**

Name of Authorized Representative

Title

Email

Patricia K Wahto

Signature

December 7, 2020

Date Signed