Department of Environmental Conservation





DIVISION of Water Anchorage

555 Cordova Street Anchorage, AK 99501 Main: 907.269.6285 Fax: 907.334.2415 www.dec.alaska.gov

5/27/2022

Todd Porter, General Manager Colaska, Inc. dba QAP 240 W. 68th Ave Anchorage AK 99518

Wolfgang Junge, Regional Director AKDOT&PF PO Box 196900 Anchorage, AK 99519

SUBJECT: APDES Inspection of ANC Taxilanes E1, E3 and E&G Reconstruction, Authorization Number AKR10GP78, AKR10GP79

Dear Mr. Porter and Mr. Junge:

Per the Alaska Pollutant Discharge Elimination System, an inspection of ANC Taxilanes E1, E3 and E&G Reconstruction project was conducted on May 20, 2022. We would like to provide you with a copy of the inspection report for your records. Thank you for your cooperation and assistance regarding this inspection and for your efforts in protecting human health and the environment.

Sincerely,

Andrea for

Andrew Mohrmann, Environmental Program Specialist III

Credential No. R-0103

Check One: () Personally Served (X) Sent by Email

on the 27th day of May, 2022

Enclosure: AKR10GP78, AKR10GP79 2022 Inspection Report

cc: DEC.Water.APDESData@alaska.gov Katrina Chambon, DEC Jon Wendel, DEC



APDES INSPECTION REPORT

Alaska Department of Environmental Conservation Division of Water 555 Cordova Street, Anchorage, AK 99501

Section 1: General Data				
Authorization Number	Announced / Unannounced	R	eceiving Waters	Inspection Date
AKR10GP78 (QAP) AKR10GP79 (AKDOT&PF)	. 1	L	ake Hood, Lake	Date: 5/20/2022
Effective: 4/4/2022	Announced		enard, Cook Inlet	Entry Time: 9:00am
Expiration: 1/31/2026				Exit Time: 11:00am
	Sect	tion 2:	Facility Data	
Name of Facility: ANC Taxila	anes E1, E3 and I	E&G Ro	econstruction	
On-Site Representative/Physical Address: AKR10GP78: Colaska, Inc. dba QAP		Responsible Party/Mailing Address: AKR10GP78: Colaska, Inc. dba QAP		
Name: Brandon Parsons Title: SWPPP Manager Address: Ted Stevens International Airport Phone: (907) 250-9435 Email: <u>bparsons@colaska.com</u>		Name: Todd Porter Title: General Manager Address: 240 W. 68 th Ave, Anchorage AK 99518 Phone: (907) 522-2211 Email: <u>cortega@colaska.com</u>		
On-Site Representative/Physical Address: AKR10GP79: AKDOT&PF		Responsible Party/ AKR10GP79: AKD		
Name: Jay Smith Title: SWPPP Inspector Address: Ted Stevens International Airport Phone: (907) 802-1129 Email: jay@emcalaska.com		Name: Wolfgang Junge Title: Regional Director Address: PO Box 196900, Anchorage, AK 99519 Phone: (907) 269-0770 Email: <u>wolfgang.junge@alaska.gov</u>		
Additional Inspection Participants: Jim Rasi, Project Engineer, EMC Alaska Bradley Brian, Project Superintendent, QAP Josh James, DOT Advisor, AKDOT&PF James Lombardo, DOT Advisor, AKDOT&PF		For internal use only: Off-Site Compliance Evaluation: NAICS: 237990 - Other Heavy and Civil Engineering Construction		
Section 3: Findings				
Background/Regulatory Status/Compliance History				
The Alaska Department of Transportation and Public Facilities (AKDOT&PF) and Colaska, Inc. dba Quality Asphalt and Pavement (QAP) are authorized to discharge storm water per the Alaska Pollutant Discharge Elimination System (APDES) Construction General Permit (AKR100000), authorization numbers AKR10GP79 and AKR10GP78, respectively.				

DOT contracted QAP with repair and reconstruct Taxiways E1, E3 and the taxiway E&G intersection. The project is broken up into several phases to minimize the amount of disturbance to air traffic. There are several storms drains on the airfield that direct storm water into the Anchorage Municipal Separate Storm Sewer System (MS4).

This is the first inspection by the Department of Environmental Conservation (DEC). The inspection covers the time period from April 4, 2022, through May 20, 2022, the date of authorization to the date of inspection.

The compliance monitoring review and a review of Environmental Compliance History Online (ECHO) and Integrated Compliance Information System (ICIS) has shown that this facility is not in significant noncompliance for the period of this evaluation.

Field Inspection

Upon arrival at ANC taxilanes E1, E3 and E&G intersection reconstruction project, introductions were exchanged and inspector credentials were presented. Document review was done at the project office at 4891 W. 50th Avenue.

The following information was provided verbally by onsite representatives:

- Construction activities commenced on April 26, 2022. The first storm water pollution prevention plan (SWPPP) inspection was performed on April 26 and signed on May 5.
- The estimated completion date is September 30, 2022. The project is still on schedule to meet that date.
- The project consists of milling and repaving with E1 and E3 taxilanes and pouring a new concrete intersection of the E&G taxiways. The project is broken into several phases to minimize disruption to air traffic. The total estimated land disturbance is 24.3 acres.
- The project is currently in phase three and consists of seven different staged phases. Work on phase four will begin on May 24 and includes concrete pouring on the E&G intersection. That work should continue to approximately August 1. Phase six has to be completed in August and will take roughly seven days start to finish. It is a six-inch mill and pave back. Phase five and seven will start end of August and September depending on aircraft traffic. Phase seven has a start date after Labor Day.
- Bradley Brian is the Project Superintendent and has been delegated to by QAP responsible party (RP), Todd Porter, to sign the SWPPP inspection reports.
- Jim Rasi is the Project Engineer and has been delegated to by AKDOT&PF RP, Wolfgang Junge, to sign the SWPPP inspection reports.
- SWPPP inspections are performed weekly by QAP SWPPP Manager Brandon Parsons and SWPPP Inspector Jay Smith, who works for EMC Alaska but is contracted by AKDOT&PF.
- Best management practices (BMPs) currently used include witches' hats and boars' hair mats used for storm water drain inlet protection, composite socks used for sediment transport minimization in the employee parking lot and drainage ditch banks. Additionally, water trucks and street sweepers are used when large vehicles are active to avoid any debris being kicked up into jet turbines.
- Brandon Parsons of QAP is responsible for maintenance of BMPs.
- Phases 1 and 2 are in final stabilization currently.
- There is a staging area for equipment on the airfield, located next to the airport's snow dump. Access is highly restricted by airport security.
- There are material and debris stockpiles are located next to the snow dump.
- No concrete work has been performed thus far but will be in the upcoming phases. A concrete washout will be brought in at that time.
- Large concrete and steel debris were located in a stockpile at the time of inspection. Typically the majority of debris is removed from the site after it is generated.

- There have been no reportable spills or leaks thus far on the project site.
- There are no fixed fueling sites on the project site. All fueling is done off-site.
- No equipment washing takes place on the project site or staging area.
- There is no entrance/exit stabilization as the entrance is paved.
- There will be areas that will require hydroseeding by the conclusion of the project, but no seeding has been required as of the date of inspection.
- There are no excavation/dewatering activities that necessitate an AKG002000 authorization.
- There is a public water system adjacent to the airport (Clitheroe Center) but none that cross onto the boundary of the project.

The following observations were made by DEC inspectors:

- All records were up to date and well organized in the SWPPP binder.
- AK-CESCL certifications were up to date for all inspection personnel.
- The SWPPP notification board was clearly visible at the entrance of the site.
- Sediment controls were placed at all possible entrances of storm water into the MS4 system.
- No oil staining was observed under any parked equipment.
- Composite socks were installed properly.
- Water trucks were on-site to be available for sweeping if truck traffic was present.

Spill kits were on-site and available inside a connex box.

Sampling	YES	NO	\boxtimes

No sampling took place.

Records Review

The following records were reviewed as part of the inspection and are considered complete:

- SWPPP
- SWPPP Certification Pages
- SWPPP Delegations of Signature Authority
- SWPPP Amendment Log
- SWPPP Inspections
- AKR100000 General Permit
- Notices of Intent
- Authorizations to Discharge
- NOI Modification
- Training Records
- Rainfall Log
- Grading and Stabilization Log
- Site Maps
- AK-CESCL Certification Cards

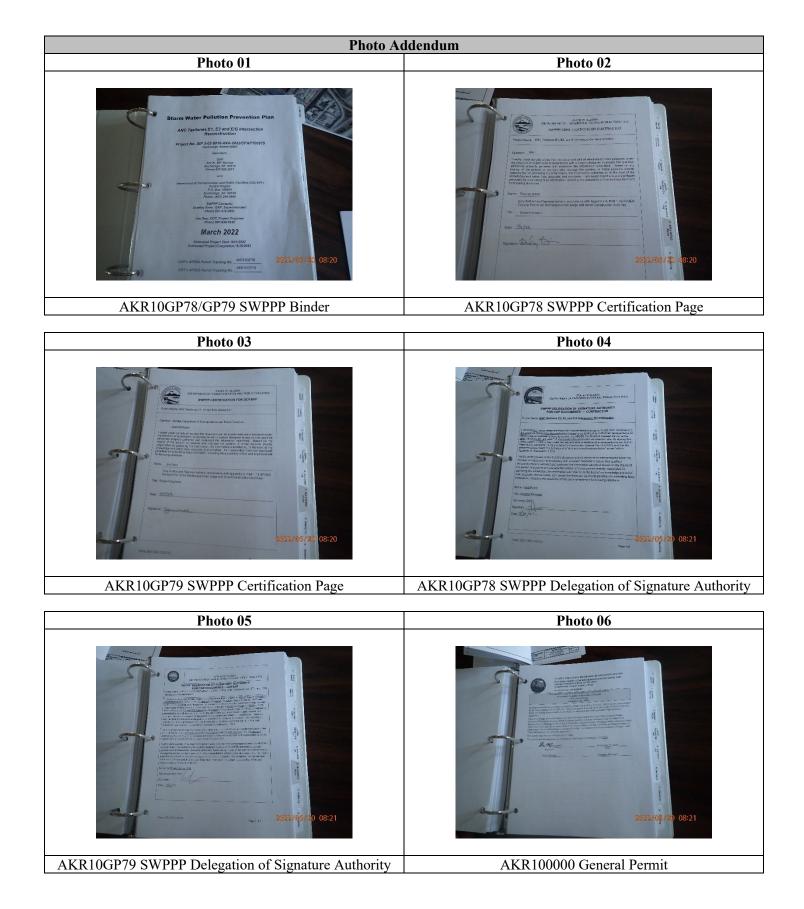
Closing Conference

The following participants were present during the closing conference:

- Jim Rasi
- Josh James

Upon completion of inspection at the ANC taxilanes E1, E3 and E&G intersection reconstruction project, a closing conference was held. The DEC inspector provided the facility with preliminary inspection

findings. The inspector requested a summary of the upcoming phases of construction and discussed			
follow-up procedures.			
Section 4: Complia	nce		
Violations			
There were no violations found during this inspection.			
Section 5: Appendi	xes		
1. Photo Addendum			
Signature			
 Inspector – Andrew Mohrmann Credential Number: R-0103 Phone: (907) 269-8117 E-mail: andrew.mohrmann@alaska.gov Reviewed By – Natasha Knight on behalf of Katrina Chambon Credential Number: R-0538 Phone: (907)269-7440 E-mail: natasha.knight@alaska.gov 	Andrayok Date: Click here to enter a date. Matasha Knight Date: 5/24/2022		



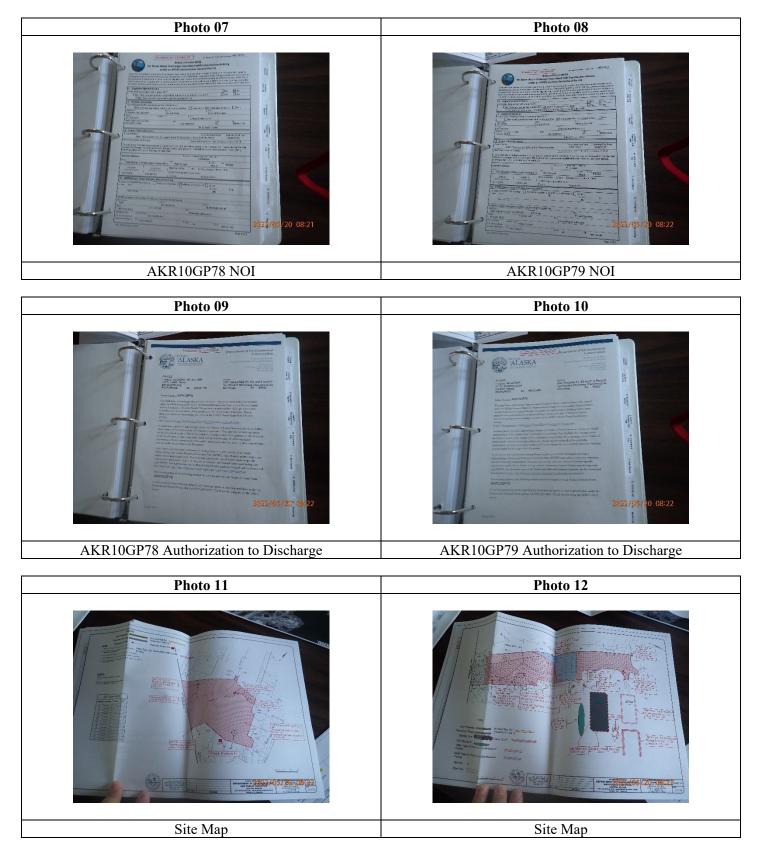


Photo Addendum

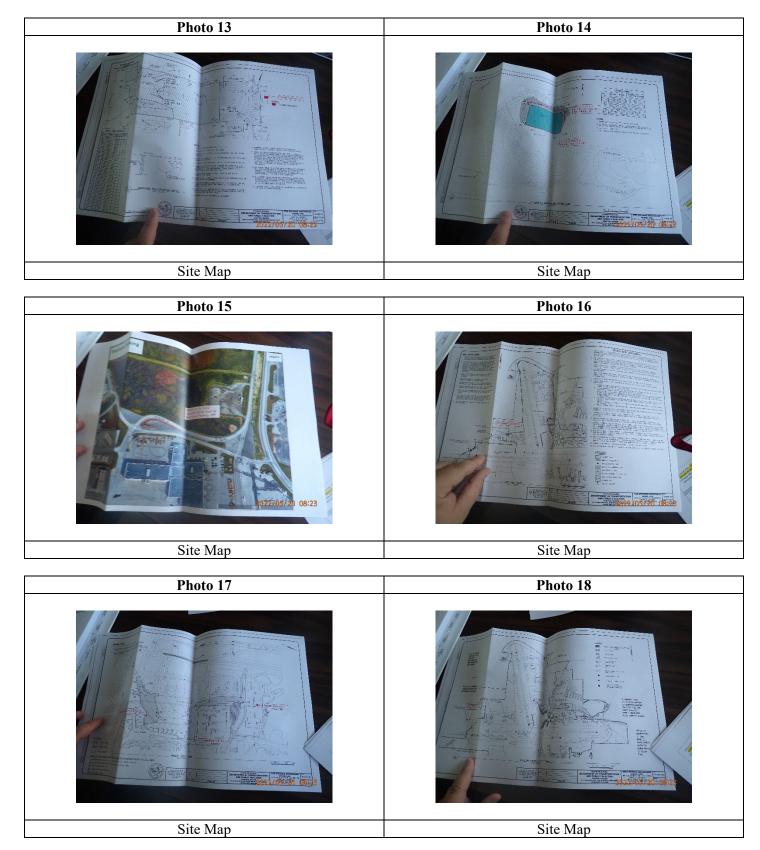
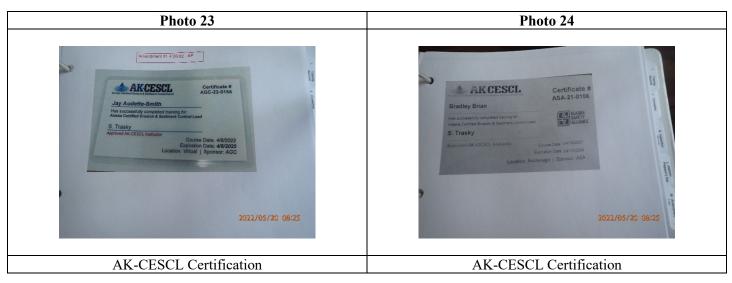


Photo 19

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SWPPP Amendment Log	Corrective Action Log
Photo 21	Photo 22
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Grading and Stabilization Log	SWPPP Training Log





Rainfall Log

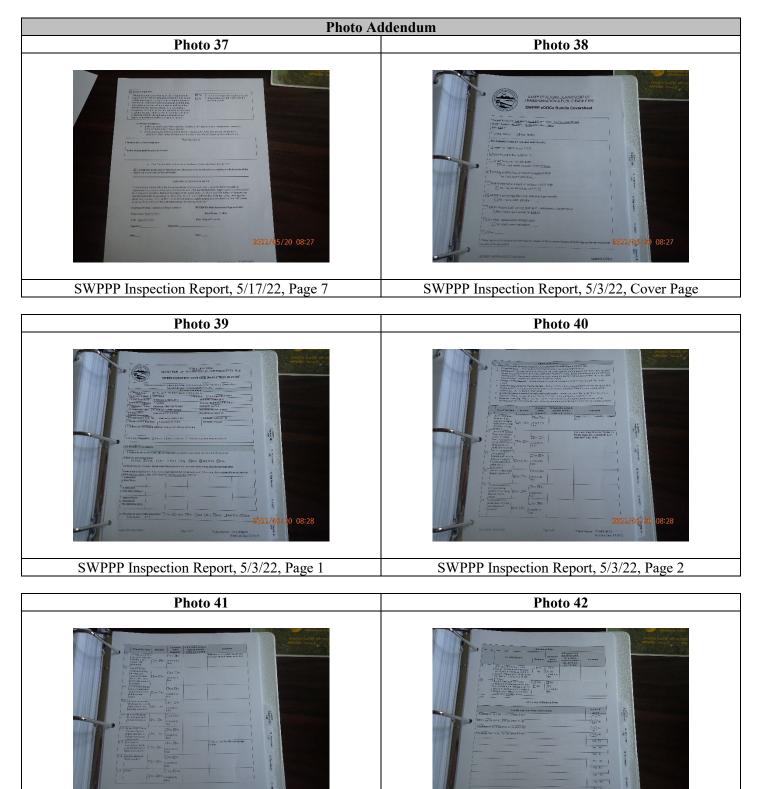
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Rainfall Log

Photo Addendum		
Photo 31	Photo 32	
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SWPPP Inspection Report, 5/17/22, Page 1	SWPPP Inspection Report, 5/17/22, Page 2	
Photo 33	Photo 34	
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SWPPP Inspection Report, 5/17/22, Page 3	SWPPP Inspection Report, 5/17/22, Page 4	
Photo 35	Photo 36	

SWPPP Inspection Report, 5/17/22, Page 5

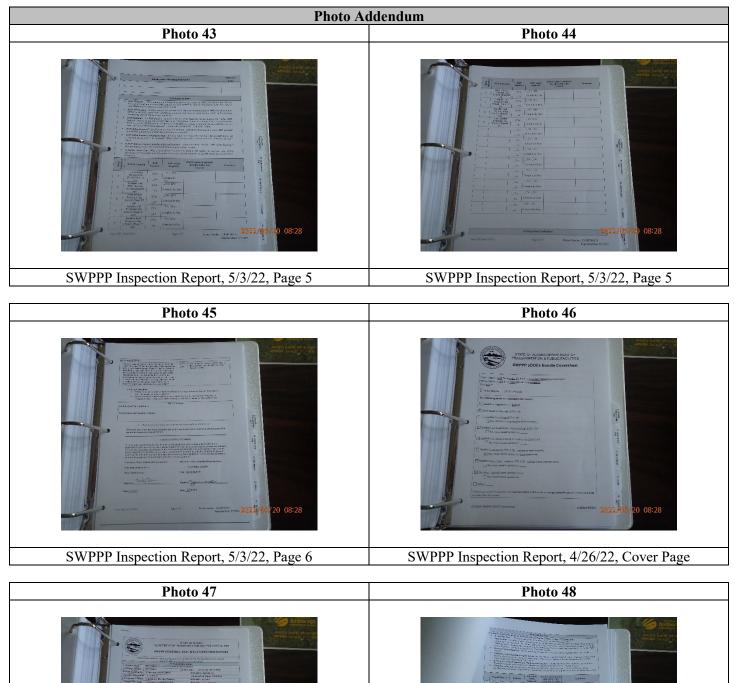
SWPPP Inspection Report, 5/17/22, Page 6



SWPPP Inspection Report, 5/3/22, Page 3

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SWPPP Inspection Report, 5/3/22, Page 4



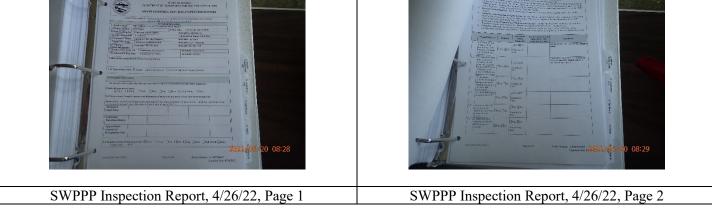


Photo 49

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SWPPP Inspection Report, 4/26/22, Page 3	SWPPP Inspection Report, 4/26/22, Page 4
Photo 51	Photo 52
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SWPPP Inspection Report, 4/26/22, Page 5	SWPPP Inspection Report, 4/26/22, Page 6
Photo 59	Photo 60
	SWPPP INFORMATION

Photo Addendum

Photo 50

NOI Modification

SWPPP Information Board

Photo Addendum			
Photo 61	Photo 62		
Comp Sock in Employee Parking	Comp Sock in Employee Parking		
Photo 63	Photo 64		
2022/05//20 (%)2			
Dumpster for Debris	Comp Sock in Employee Parking		



Photo Addendum			
Photo 67	Photo 68		
Airport Snow Storage Pile	Debris Pile		
Photo 69	Photo 70		
Paqualad Asphalt Devenant (DAD) Dila	Stacing Area		
Recycled Asphalt Pavement (RAP) Pile	Staging Area		
Photo 71	Photo 72		

Composite Sock Around Ditch Line

Spill Kits

Photo Addendum			
Photo 73	Photo 74		
Spill Kits	Composite Sock Around Ditch Line		
Photo 75	Photo 76		
Boars Hair Inlet Protection	Witches Hat in Storm Water Grate		



Photo Addendum			
Photo 79	Photo 80		
2022/05/20 (9:21)			
Witches Hat in Storm Water Grate	Port-A-Potty Strapped Down		
Photo 81	Photo 82		
Current Phase of Punway Percentruction	Next Phase of Dunway Deconstruction		

Current Phase of Runway Reconstruction

Next Phase of Runway Reconstruction

Photo 83	Photo 84		
Current Phase of Runway Reconstruction	Lighting Cutout		

Department of Environmental Conservation





DIVISION of Water Anchorage

555 Cordova Street Anchorage, AK 99501 Main: 907.269.6285 Fax: 907.334.2415 www.dec.alaska.gov

6/15/2022

Chuck York, Civil Manager Operator Neeser Constriction Inc. 2501 Blueberry Rd Anchorage AK 99503

Wolfgang Junge, Regional Director Alaska Department of Transportation and Public Facilities PO Box 196900 Anchorage, AK 99519

SUBJECT: APDES Inspection of Lake Hood Seaplane Base LHD Runway 14 32 Rehab CGP, Authorization Numbers AKR10GP59, AKR10GP63

Dear Mr. York and Mr. Junge:

Per the Alaska Pollutant Discharge Elimination System, an inspection of the Lake Hood Seaplane Base LHD Runway 14 32 Rehab CGP was conducted on May 18, 2022. We would like to provide you with a copy of the inspection report for your records. Thank you for your cooperation and assistance regarding this inspection and for your efforts in protecting human health and the environment.

Sincerely,

ncharlos

Andrew Mohrmann, Environmental Program Specialist III

Credential No. R-0103

Check One: () Personally Served (X) Sent by Email

on the 15th day of June, 2022

Enclosure: AKR10GP59, GP63 2022 Inspection Report

cc: DEC.Water.APDESData@alaska.gov Katrina Chambon, DEC Jon Wendel, DEC



APDES INSPECTION REPORT

Alaska Department of Environmental Conservation Division of Water 555 Cordova Street, Anchorage, AK 99501

Section 1: General Data				
Authorization Number	Announced / Unannounced	R	eceiving Waters	Inspection Date
AKR10GP59 (Neeser) AKR10GP63 (AKDOT&PF)	Announced	T de He d		Date: 5/18/2022
Effective: 3/24/2022	Announced		Lake Hood	Entry Time: 1:00 pm
Expiration: 1/31/2026				Exit Time: 3:00 pm
	Sect	ion 2:	Facility Data	
Name of Facility: Lake Hood	Seaplane Base L	HD Ru	nway 14 32 Rehab	
On-Site Representative/Physic	al Address:		Responsible Party/Mailing Address:	
AKR10GP59: Neeser Constric	tion Inc.		AKR10GP59: Nees	er Constriction Inc.
Name: Stephanie Lewinski Title: SWPPP Manager Address: Lake Hood Seaplane Base Phone: (907) 276-1052 Email: <u>slewinski@neeserinc.com</u> On-Site Representative/Physical Address: AKR10GP63: AKDOT&PF Name: Hannah Counter Title: Project Engineer Address: Lake Hood Seaplane Base Phone: (907) 310-3010 Email: <u>hannah.counter@alaska.gov</u>		Name: Chuck York Title: Civil Manager Operator Address: 2501 Blueberry Rd, Anchorage AK 99503 Phone: (907) 276-1058 Email: chuck@neeserinc.com Responsible Party/Mailing Address: AKR10GP63: AKDOT&PF Name: Wolfgang Junge Title: Regional Director Address: PO Box 196900, Anchorage, AK 99519 Phone: (907) 269-0770 Email: wolfgang.junge@alaska.gov		
Additional Inspection Participants: Dominic Proefrock, EMC Alaska Jessica Guzauskas, EMC Alaska Jim Rasi, EMC Alaska Josh James, AKDOT&PF James Lombardo, AKDOT&PF		For internal use only: Off-Site Compliance Evaluation : NAICS: 237310 - Highway, Street, and Bridge Construction		
Section 3: Findings				
Background/Regulatory Status/Compliance History				
The Alaska Department of Transportation and Public Facilities (AKDOT&PF) and Neeser Constriction Inc. are authorized to discharge storm water per the Alaska Pollutant Discharge Elimination System (APDES) Construction General Permit (AKR100000), authorization numbers AKR10GP63 and AKR10GP59, respectively.				

AKDOT&PF contracted Neeser Constriction Inc. with the rehabilitation for the Lake Hood Seaplane Base runway, including removing 12 inches of gravel and replacing it, as well as grading the ditch along the edge of the runway.

This is the first inspection by the Department of Environmental Conservation (DEC). The inspection covers the time period from March 24, 2022, through May 18, 2022, the date of authorization to the date of inspection.

The compliance monitoring review and a review of Environmental Compliance History Online (ECHO) and Integrated Compliance Information System (ICIS) has shown that this facility is not in significant noncompliance for the period of this evaluation.

Field Inspection

Upon arrival at Lake Hood Seaplane Base LHD Runway 14 32 Rehab project, introductions were exchanged and inspector credentials were presented. Document review was done at the project office at 4891 W. 50th Avenue.

The following information was provided verbally by onsite representatives:

- Construction activities commenced on May 2, 2022. The first storm water pollution prevention plan (SWPPP) inspection was performed on May 3, 3033 and was signed on May 13, 2022.
- The estimated completion date is September 1, 2022. The project is on schedule to meet that date.
- The project consists of removing and replacing one foot of gravel on the entire runway and grading the ditch line adjacent to the runway.
- The project is in the final stabilization phase, waiting for hydroseed to grow.
- Larry Donahue is the Civil Superintendent and has been delegated to by Neeser responsible party (RP), Chuck York, to sign the SWPPP inspection reports.
- Hannah Counter is the Project Engineer and is delegated by AKDOT&PF RP, Wolfgang Junge, to sign the SWPPP inspection reports.
- SWPPP inspections are performed weekly by Stephanie Lewinski and Dominic Proefrock, who works for EMC Alaska but is contracted by AKDOT&PF
- Best management practices (BMPs) being used on site include maintaining the vegetative buffer, use of a straw wattle as inlet protection for a culvert and hydroseed to stabilize disturbed area.
- Stephanie Lewinski is responsible for maintenance of BMPs.
- There was no staging area or stockpiles at the project site at the time on inspection.
- There have been no reportable spills or leaks thus far on the project site.
- There are no fixed fueling sites on the project site. All fueling is done off-site.
- No equipment washing takes place on the project site or staging area.
- There is no entrance/exit stabilization as the entrance is paved.
- There are no excavation/dewatering activities that necessitate an AKG002000 authorization.
- There is a public water system adjacent to the airport (Clitheroe Center) but none that cross onto the boundary of the project.

The following observations were made by DEC inspectors:

- All records were up to date and well organized in the SWPPP binder.
- AK-CESCL certifications were up to date for all inspection personnel.
- The SWPPP notification board was clearly visible at the entrance of the site.
- No oil staining was observed under any parked equipment.
- Site was in final stabilization phase, remaining BMPs were minimal. Project was short term, only took two weeks of dirt work.

Sampling YES NO Image: NO No sampling took place. Image: NO Image: NO
No sampling took place. Records Review The following records were reviewed as part of the inspection and are considered complete: SWPPP SWPPP Certification Pages SWPPP Delegations of Signature Authority SWPPP Amendment Log SWPPP Inspections AKR100000 General Permit Notices of Intent Authorizations to Discharge NOI Modification
 The following records were reviewed as part of the inspection and are considered complete: SWPPP SWPPP Certification Pages SWPPP Delegations of Signature Authority SWPPP Amendment Log SWPPP Inspections AKR100000 General Permit Notices of Intent Authorizations to Discharge NOI Modification
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Authorizations to DischargeNOI Modification
NOI Modification
Training Records
Rainfall Log
Grading and Stabilization Log
• Site Maps
AK-CESCL Certification Cards
Closing Conference
The following participants were present during the closing conference:
 Josh James
 Stephanie Lewinski
 Dominic Proefrock
Upon completion of inspection at Lake Hood Seaplane Base LHD Runway 14 32 Rehab project, a closing conference was held. The DEC inspector provided the facility with preliminary inspection findings. The inspector discussed follow-up procedures.
Section 4: Compliance
Violations
No violations were identified at the time of the inspection
Section 5: Appendixes
1. Photo Addendum

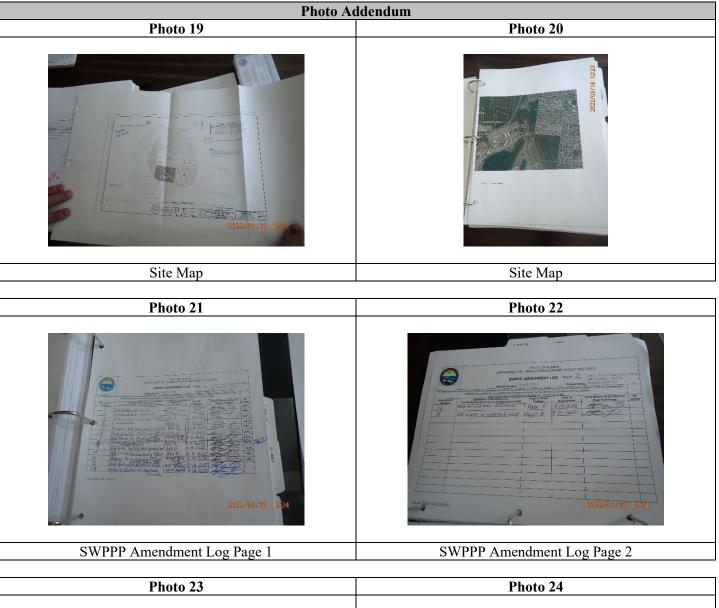
Signature		
Inspector – Andrew Mohrmann Credential Number: R-0103 Phone: (907) 269-8117 E-mail: <u>andrew.mohrmann@alaska.gov</u>	Andra-Joh Date: 6/14/2022	
Reviewed By – Katrina Chambon Credential Number: R-0187 Phone: (907) 269-7550 E-mail: <u>katrina.chambon@alaska.gov</u>	Kttinalhundon Date: 6/14/2022	

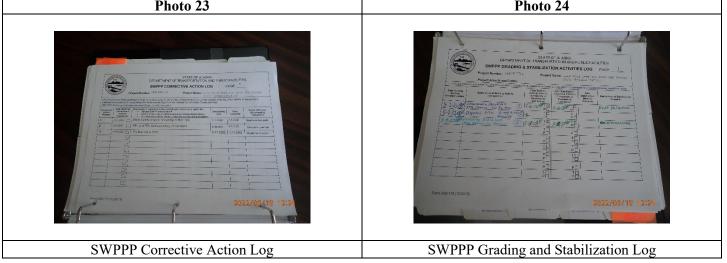
Photo Addendum				
Photo 01	Photo 02			
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AKR10GP59/GP63 SWPPP Binder	AKR10GP63 SWPPP Certification Page			
Photo 03	Photo 04			
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AKR10GP59 SWPPP Certification Page	AKR10GP59 SWPPP Delegation of Signature Authority			
Photo 05	Photo 06			
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AKR10GP63 SWPPP Delegation of Signature Authority	AKR10GP59 NOI			

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Photo Addendum				
Photo 07	Photo 08			
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AKR10GP63 NOI Modification	AKR10GP59 Authorization to Discharge			
Photo 11	Photo 12			
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AKR10GP63 Authorization to Discharge	Site Map			

Photo A	ddendum
Photo 13	Photo 14
Site Map	Site Map
Photo 15	Photo 16
	Despersed asea Descriptions
Site Map	Site Map
Photo 17	Photo 18
Site Map	Site Map





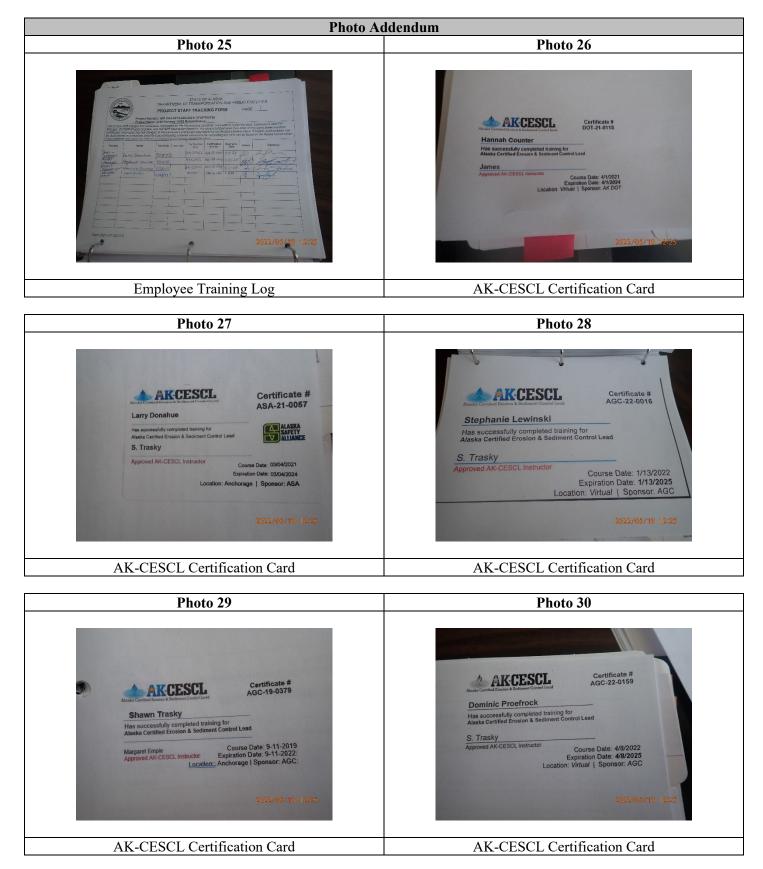


Photo Addendum			
Photo 31	Photo 32		
SWPPP Rainfall Log Page 1	SWPPP Rainfall Log Page 2		
Photo 33	<section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header>		
SWPPP Inspection Report, 5/3/2022, Page 1	SWPPP Inspection Report, 5/3/2022, Signature Page		
Photo 35	Photo 36		

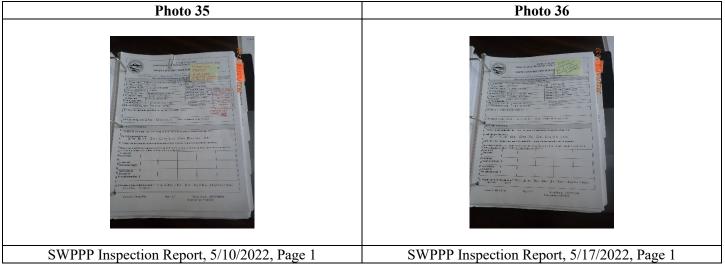


Photo Addendum				
Photo 37	Photo 38			
	Ka 11 2022/05/18 12:42			
SWPPP Information Board	Finished Runway Rehabilitation Project			
Photo 39	Photo 40			
Finished Runway Rehabilitation Project	Spare BMPs			



Department of Environmental Conservation





DIVISION of Water Anchorage

555 Cordova Street Anchorage, AK 99501 Main: 907.269.6285 Fax: 907.334.2415 www.dec.alaska.gov

7/28/2022

Wolfgang Junge Department of Transportation & Public Facilities PO Box 196900 Anchorage, AK 99519

SUBJECT: APDES Inspection of the Dowling Rd. Seward Hwy Interchange Reconstruction project, Authorization Number AKR10GP87

Dear Mr. Junge:

Per the Alaska Pollutant Discharge Elimination System, an inspection of the Dowling Rd. Seward Hwy Interchange Reconstruction project was conducted on June 28, 2022. We would like to provide you with a copy of the inspection report for your records. Thank you for your cooperation and assistance regarding this inspection and for your efforts in protecting human health and the environment.

Sincerely,

Natasha Knight

Natasha Knight, EPS III

Credential No. R-0538

Enclosure: AKR10GP87 Inspection Report 2022

cc: DEC.Water.APDESData@alaska.gov Katrina Chambon, DEC Jon Wendel, DEC



APDES INSPECTION REPORT

Alaska Department of Environmental Conservation Division of Water 555 Cordova Street, Anchorage, AK 99501

Anchorage, AK 99518

Off-Site Compliance Evaluation: \Box *Yes* \boxtimes *No*

NAICS: 237310 – Highway, Street, and Bridge

Phone: (907) 522-2211

For internal use only:

Construction

Email: cortega@colaska.com

Section 1: General Data				
Authorization Number	Announced / Unannounced	Receiving Waters		Inspection Date
Number: AKR10GP87 AKR10GP98		Campbell Creek and unnamed wetlands		Date: 6/28/2022
Effective: 4/18/2022 4/11/2022	Announced			Entry Time: 1:00pm
Expiration: 1/31/2026 1/31/2026				Exit Time: 3:35pm
	Sect	tion 2:	Facility Data	
Name of Facility: Dowling Rd. Seward Hwy Interchan On-Site Representative/Physical Address: Name: Chong Kim Title: Project Engineer Address: Dowling Rd. & Seward Hwy Interchange Anchorage, AK 99518 Phone: (907) 770-2612 Email: chong.kim@alaska.gov		ge Reconstruction_2 Responsible Party/Mailing Address: Name: Wolfgang Junge Title: Regional Director Address: PO Box 196900 Anchorage, AK 99519 Phone: (907) 269-0770 Email: wolfgang.junge@alaska.gov		
Name of Facility: Dowling Rd. Seward Hwy Interchange Reconstruction_1On-Site Representative/Physical Address:Responsible Party/Mailing Address:Name: Tom MonaghanName: Todd PorterTitle: SWPPP ManagerTitle: General ManagerAddress: Dowling Rd. & Seward Hwy InterchangeAddress: 240 W 68 th Ave.				

Anchorage, AK 99518

Email: tmonaghan@colaska.com

Additional Inspection Participants:

Phone: (907) 602-0943

Greg Garney, DOT

Joshua James, DOT

Michael Doud, QAP

Tess Porter, QAP

Section 3: Findings

Background/Regulatory Status/Compliance History

The Department of Transportation (DOT) and COLASKA, Inc. dba QAP (QAP) are dually permitted respectively as owner / operator on the Dowling Rd. Seward Hwy Interchange Reconstruction project. This project is authorized to discharge storm water per the Alaska Pollutant Discharge Elimination System (APDES) Construction General Permit, authorization numbers AKR10GP87 and AKR10GP98.

The purpose of this project is to reconstruct the Dowling Rd. and Seward Hwy interchange and bridge. Work includes bridge replacement, grading, paving, drainage improvements, constructing retaining walls, signing, striping, and lighting. Construction began in April 2022 and is expected to be completed in September 2023. The project discharges into the Municipality of Anchorage (MOA) MS4 and eventually into wetlands and Campbell Creek. Campbell Creek is listed as a 303(d) impaired waterbody for fecal coliform bacteria with an approved Total Maximum Daily Load (TMDL). Fecal coliform bacteria are not present in the project's discharge.

This is the first inspection by the Department of Environmental Conservation (DEC). The inspection covers the period from the authorization's effective dates (4/11/2022 - QAP, 4/18/2022 - DOT) to the date of the inspection on 6/28/2022, as this project has not previously been inspected.

The compliance monitoring review and a review of Environmental Compliance History Online (ECHO) and Integrated Compliance Information System (ICIS) has shown that this project is not in significant noncompliance for the period of this evaluation.

Field Inspection

Upon arrival at the Dowling Rd. Seward Hwy Interchange Reconstruction project, introductions were exchanged, and inspector credentials were presented.

The following information was provided verbally by onsite representatives:

- Chong Kim is DOT's Project Engineer. Mr. Kim is responsible for managing the project and overall compliance with the CGP authorization.
- Tom Monaghan is QAP's Storm Water Pollution Prevention Plan (SWPPP) Manager. Mr. Monaghan is responsible for managing and maintaining SWPPP compliance and on-site Best Management Practices (BMPs).
- Construction on the site began in April of 2022 and is expected to be completed by September 2023.
- Major work during the project includes removing and replacing the existing roundabout, roadway, and drainage improvements, and replacing the Seward Hwy bridge over Dowling Rd.
- Dewatering activities are needed during excavation to address accumulated rainwater and groundwater. QAP has obtained a General Permit for Excavation Dewatering authorization number AKG002248.
- Work is being completed in phases across the site to limit the road closures and traffic flow as much as possible. There are four planned phases; the Seward Hwy bridge, West Dowling Rd., East Dowling Rd., and 2023 work.
- There are approximately 13 subcontractors working on the site.
- Currently, workers are driving piling for the new bridge, electricians are replacing utilities on the East side of the project, and improvements are being made on the West side of Dowling Rd. At present, the roundabouts have been removed and Seward Hwy has been diverted. The plan is to have the bridge reopened in October 2022 and the roundabout functional by the end of 2022.
- Work in 2023 will include finalizing the bridge, constructing the finalized highway ramps and roundabout, and stabilizing the site.

- At the completion of the project, the bridge will be approximately 44 feet longer and 7 feet wider than the original.
- The site, road closures, and diversions are delineated using fencing, cones, and signage. In addition, large message display boards are stationed along the roadways and public outreach notices are made frequently.
- BMPs being used on-site include, but are not limited to, straw wattles, witches hats, compost socks, silt fencing, mud mats at entrances/exits, and plastic around stockpiles. During upcoming work there will also be hydro mulch for stabilization, rip rap, and rock drains.
- QAP staff is responsible for maintaining the BMPs.
- Permanent BMPs to be installed in 2023 include settling ponds around the roundabout and an oil grit separator.
- Drainage on-site is typically a sheet flow into the curbed inlets that discharge in various locations into the MS4.
- Equipment and materials are staged in a lot on the west side of the project and in the raised area in the bridge construction area.
- Soil testing and calculations provide locations for where the pilings will be placed. Operators are utilizing a metal template in the excavation to line up each piling. Pilings are driven into the ground by dropping hammer equipment on them until a specific soil resistance is met. During the inspection, operators were switching to a larger hammer in order to move the pilings through a more resistant soil structure.
- The multiple stockpiles on-site are primarily from material removed during excavations and are planned to be used on-site when stabilizing. There is one short-term, inactive stockpile that will be hauled off and disposed of.
- Water lines and storm drains are being placed and connected on the east side of the project.
- Mud mats are placed at high traffic entrance and exit locations.
- A third-party fueling service comes on-site and fuels equipment in place as needed.
- There are spill kits located around the site.
- There have not been any reportable spills or leaks on-site.
- There are two, 15-cubic yard dumpsters on-site on end side of the project. They are emptied as needed.
- Hazardous waste is not stored anywhere on-site.
- There is no equipment or vehicle washing performed on-site.
- There are multiple porta potties on-site away from waterbodies and run off areas.
- Two street sweepers cover the site each night and on an as needed basis.
- Fertilizer will be used during final seeding. Staff will receive job hazard training prior to handling fertilizers.
- Concrete washouts will be used during future work on the project.
- Site inspections are being performed on a weekly basis. Ms. Porter, Mr. Garney, and Mr. Doud are responsible for conducting the site inspections. Tabor Hayes, the QAP General Manager, and Mr. Kim sign the inspection reports.
- The site is projected to go into winter shutdown at the end of October 2022. The site will be temporarily stabilized using topsoil and hydroseed or capped with non-erodible material. Stockpiles on-site will be removed, and ditch lines stabilized.

The following observations were made by DEC inspectors:

- It was sunny and clear during the inspection.
- The site was actively being worked and pilings installation work was observed during the inspection.
- BMPs on-site were in good condition.

• Spill kits were easily accessible throughout the site.				
 The site and road closures/diversions were well delineated with ample signage. 				
• Staff was very knowledgeable about the project and permit requirements.				
• The site was free of excess trash and debris.				
• Paperwork was well organized in binders and easily accessible.				
• A water truck was actively spraying the site for dust control.				
• Downslopes throughout the site were tracked walked.				
Sampling	YES		NO	\boxtimes
No sampling was conducted as a part of this inspection.				
Records Review				
The following records were reviewed as part of the inspection and are cons	idered compl	ete:		
Unless stated otherwise, the documents were on-site for both DOT and QA	P.			
• Notice of Intent (NOI)				
DEC Authorization Letter				
• Copy of the permit				
Delegation of Signatory Authority Forms				
• Stormwater Pollution Prevention Plan (SWPPP)				
• SWPPP pre-construction site visit documentation				
• SWPPP owner & contractor certifications				
SWPPP Amendment Log				
Inspection Reports				
Corrective Action Log				
Grading and Stabilization Log				
• Site Maps				
Best Management Practices Plan (BMP Plan)				
CESCL Certificates				
CESIC Certification				
Employee Training				
Rainfall Tracking Log				
Closing Conference				
The following participants were present during the closing conference:				
Natasha Knight, DEC				
 Chong Kim, DOT 				
 Tom Monaghan, QAP 				
 Joshua James, DOT 				
 Gary Gurney, DOT 				
 Tess Porter, QAP 				
 Daniel Doud, DOT 				
Upon completion of inspection at the Dowling Rd. Seward Hwy Interchange Reconstruction project, a				
closing conference was held. The DEC inspector provided the facility with preliminary inspection				
findings. The inspector described deficiencies found, identified areas of c				
that were not available during the inspection, and discussed follow-up proc	-			
Section 4: Compliance				

Violations

No violations were determined as a part of this compliance review period.

Areas of Concern

N/A

Section 5: Appendixes

1. Photo Addendum

Signature	
Inspector – Natasha Knight Credential Number: R-0538 Phone: (907) 269-7440 E-mail: natasha.knight@alaska.gov	Matasha Knight
Reviewed By – Katrina Chambon Credential Number: R-0187 Phone: (907) 269-7550 E-mail: <u>katrina.chambon@alaska.gov</u>	Date: 7/28/2022 KtilinaChumbon
	Date: 7/28/2022

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DOT discharge authorization	Copy of the permit	
Photo 05	Photo 06	

SWPPP

SWPPP Certification - QAP

Photo Addendum		
Photo 07	Photo 08	
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SWPPP Certification - DOT	SWPPP Amendment Log	
Photo 09	Photo 10	
SWPPP Training Roster 5/2022	SWPPP Pre-Construction Site Visit	
Photo 11	Photo 12	

Delegation of Signatory Authority - QAP

Delegation of Signatory Authority - DOT

Photo Addendum		
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Corrective Actions Log

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Grading and Stabilization Log

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Photo 25	Photo 26
Excavation bridge pilings installation area	Pilings metal template
Photo 27	Photo 28
Crane lowering in pilings to template Photo 29	Water hoses from excavation area Photo 30

1 11000 25	1 1000 50
Hammer equipment used to drive pilings	Spill kit near excavation area

Photo A	ddendum
Photo 31	Photo 32
Stockpile of reusable material	Staged pilings
Photo 33	Photo 34
Mud mats near bridge exit	Mud mats in staging area
Photo 35	Photo 36
Water truck	Filoto 30 Filoto 30 Secured porta potties

Photo Ac	ddendum
Photo 37	Photo 38
Storm drain system connection work	Traffic delineation and watered roadway
Photo 39	Photo 40
Compost socks around stockpile	Utility work
Photo 41 Image: Constraint of the state of t	

Department of Environmental Conservation





DIVISION of Water Anchorage

555 Cordova Street Anchorage, AK 99501 Main: 907.269.6285 Fax: 907.334.2415 www.dec.alaska.gov

11/23/2022

Todd Porter, General Manager Colaska, Inc. dba QAP 240 W. 68th Ave Anchorage AK 99518

Wolfgang Junge, Regional Director AKDOT&PF PO Box 196900 Anchorage, AK 99519

SUBJECT: APDES Inspection of AMATS O'Malley Rd Reconstruction, Ph 2, Authorization Numbers AKR10GO53 and AKR10GO71

Dear Dear Mr. Porter and Mr. Junge:

Per the Alaska Pollutant Discharge Elimination System, an inspection of the AMATS O'Malley Rd Reconstruction, Ph 2 was conducted on October 6, 2022. We would like to provide you with a copy of the inspection report for your records. Thank you for your cooperation and assistance regarding this inspection and for your efforts in protecting human health and the environment.

Sincerely,

Indrasta

Andrew Mohrmann, Environmental Program Specialist III

Credential No. R-0103

Check One: () Personally Served (X) Sent by Email

on the 23 day of November, 2022

Enclosure: AKR10GO53, AKR10GO71 2022 Inspection Report

cc: DEC.Water.APDESData@alaska.gov Katrina Chambon, DEC Jon Wendel, DEC



APDES INSPECTION REPORT

Alaska Department of Environmental Conservation Division of Water 555 Cordova Street, Anchorage, AK 99501

Section 1: General Data				
Authorization Number	Announced / Unannounced	R	eceiving Waters	Inspection Date
Number: AKR10GO53, AKR10GO71	A 1	Furrow Creek, Little Campbell Creek,		Date: 10/6/2022
Effective: 9/29/2021	Announced			Entry Time: 9:30am
Expiration: 1/31/2026			Hideaway Lake	Exit Time: 11:30am
	Sect	ion 2:	Facility Data	
Name of Facility: AMATS O'	Malley Rd Reco	nstructi	on, Ph 2	
On-Site Representative: Colasl	ka (AKR10GO53	3)	Responsible Party:	Colaska (AKR10GO53)
Title: SuperintendentTitleAddress: 240 W. 68 th Avenue, Anchorage AK 99518AddPhone: (907) 317-2123Pho		Name: Todd Porter Title: General Manager Address: 240 W. 68 th Avenue, Anchorage AK 99518 Phone: (907) 522-2211 Email: <u>cortega@colaska.com</u>		
On-Site Representative: AKDO (AKR10GO71)	DT&PF		Responsible Party: Name: Wolfgang Ju	AKDOT&PF (AKR10GO71)
Name: Frank Lee Title: Project Engineer Address: PO Box 196900 Anchorage, AK 99519 Phone: (907) 644-3989		Title: Regional Dire	ector 96900 Anchorage, AK 99519	
Email: <u>frank.lee@alaska.gov</u>		Email: Wolfgang.junge@alaska.gov		
Latitude/Longitude at the outfa 61.12306, -148.78409 (as listed				
Additional Inspection Participants: Joshua James, AKDOT&PF Connor Wright, QAP Spencer Wright, AKDOT&PF		For internal use only: Off-Site Compliance Evaluation: NAICS: 237310 - Highway, Street, and Bridge Construction		
Section 3: Findings				
Background/Regulatory Status/Compliance History				
The Alaska Department of Transportation and Public Facilities (AKDOT&PF) and Colaska, Inc. dba Quality Asphalt and Pavement (QAP) are authorized to discharge storm water per the Alaska Pollutant Discharge Elimination System (APDES) Construction General Permit (AKR100000), authorization numbers AKR10GO71 and AKR10GO53, respectively.				

AKDOT&PF contracted QAP to reconstruct O'Malley Road from Livingston Street to Hillside Drive in Anchorage, AK. Project work includes relocating existing utilities, grading, paving, pathways, signing, striping, signalization and illumination. The project is currently in the second phase after having initial work done prior to this authorization.

This is the first inspection by the Department of Environmental Conservation (DEC). The inspection covers the time period from September 29, 2021, through October 6, 2022, the date of authorization to the date of inspection.

The compliance monitoring review and a review of Environmental Compliance History Online and Integrated Compliance Information System has shown that this facility is not in significant noncompliance for the period of this evaluation.

Field Inspection

Upon arrival at the AMATS O'Malley Rd Reconstruction, Ph 2, introductions were exchanged, and inspector credentials were presented. Document review was done at the project office at 1301 Huffman Road prior to the on-site inspection.

The following information was provided verbally by onsite representatives:

- The project scope is the widening of O'Malley Rd to include a center lane and bike path from Lake Otis Parkway through Hillside Drive.
- The current authorization is for Phase 2 work which includes utilities relocates, grading, pathways, signing, striping, signalization and illumination.
- The effective date of the authorization was September 29, 2021. The first day of dirt work was October 12, 2021 according to the grading and stabilization log, and the first storm water pollution prevention plan (SWPPP) inspection was conducted on October 13, 2021.
- Inspections are conducted weekly jointly by Conner Wright of QAP and Spencer Wright of the Alaska AKDOT&PF.
- The responsible party (RP) for QAP is Todd Porter. The project superintendent is Alex Prestegard, and he has been delegated signature authority for reports.
- The RP for AKDOT&PF is Wolfgang Junge. The project engineer is Frank Lee, and he has been delegated signature authority for reports.
- Best management practices (BMPs) currently used include straw wattles for culvert inlet protection and ditch line velocity dissipation, silt fence for sediment retention, sandbags and straps to secure porta-potties, rock lined ditches for velocity dissipation, drain guards, track walking, hydroseeding, retention of vegetative buffers, and infiltration basins.
- QAP is responsible for maintenance of BMPs.
- There is a staging area for equipment in a baseball field complex. Stationary equipment have drip pans underneath.
- There have been no reportable spills or leaks thus far on the project site.
- There are no fixed fueling sites on the project site. All fueling is done off-site.
- No equipment washing takes place on the project site or staging area.
- There is no entrance/exit stabilization. Street sweepers routinely clean the staging area entrance.
- The project is broken up into sections starting at the Lake Otis end of O'Malley Road and working uphill. At the time of inspection there were sections that had been begun stabilization and other sections that were actively being worked on.
- There are no excavation/dewatering activities that necessitate an AKG002000 authorization.

The project planned to go into winter shutdown in early November. All stockpiles will be removed, and bonded fiber matrix (BMF) will laid down where piles were kept. A concrete washout section is occasionally brought on the site but is pulled after shifts. Street sweepers frequently the entrance/exit area and water trucks run when it is not raining. Storm water either infiltrates or continues downhill through ditches and culverts. • The following observations were made by DEC inspectors: All records were up to date and well organized in the SWPPP binder. • Alaska Certified Erosion and Sediment Control Lead (AK-CESCL) certifications were up to date for • all inspection personnel. The SWPPP notification board was clearly visible at the entrance of the site. No oil staining was observed on the project site. • Boundary controls all appeared to be properly installed and functioning correctly. ٠ Water trucks were on-site and watering down active dirt work areas. • The concrete washout was not on site at the time of inspection. Sampling YES NO \boxtimes No sampling took place. **Records Review** The following records were reviewed as part of the inspection and are considered complete: SWPPP • SWPPP Certification Pages • SWPPP Delegations of Signature Authority ٠ SWPPP Amendment Log • SWPPP Corrective Action Log ٠ **SWPPP** Inspections • AKR100000 General Permit • Notices of Intent • Authorizations to Discharge ٠ **NOI** Modification • • Training Records • Rainfall Log Grading and Stabilization Log Site Maps • **AK-CESCL** Certification Cards **Closing Conference** The following participants were present during the closing conference: Alex Prestegard • Frank Lee Joshua James • Connor Wright Spencer Wright

Upon completion of inspection along O'Malley Road, a closing conference was held. The DEC inspector provided the facility with preliminary inspection findings. The inspector discussed follow-up procedures.

Section 4: Compliance

Violations

There were no violations found during this inspection.

Areas of Concern

- It was noted during the inspection that a port-a-potty had not been strapped down to prevent tipping. It was remedied after the inspection, and a photo was submitted to show the correction.
- It was noted that a section of dirt work along the bank of a stream looked as if it could potentially partially erode under heavy rains and send sedimentation down the stream. However, no sedimentation or sediment transport was observed during the inspection. The section was stabilized to prevent potential issues.

Section 5: Appendixes

1. Photo Addendum

Signature

Inspector – Andrew Mohrmann Credential Number: R-0103 Phone: (907) 269-8117 E-mail: <u>andrew.mohrmann@alaska.gov</u>

Reviewed By – Katrina Chambon Credential Number: R-0187 Phone: (907)269-7550 E-mail: katrina.chambon@alaska.gov

Andreagah

Date: Click here to enter a date.

KatinaChumbon

Date: 11/23/2022

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AK-CESCL Card – Alex Prestegard	AK-CESCL Card – Connor Wright
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AK-CESCL Card – Frank Lee	AK-CESCL Card – Spencer Wright

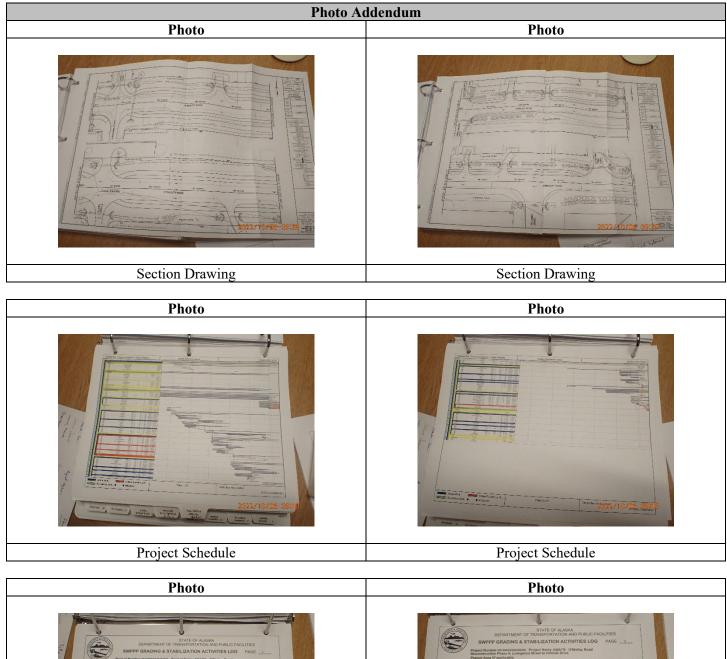
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AK-CESCL Card – Konaa Tallman	AKR100000 General Permit	
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Section Drawing

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Section Drawing

AMATS O'Malley Rd Reconstruction, Ph 2



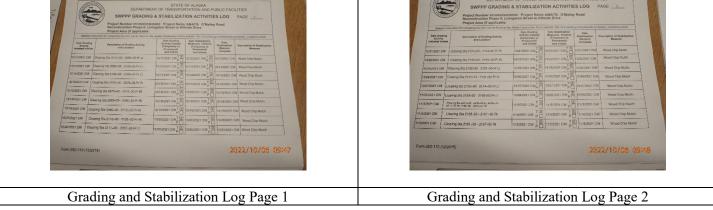


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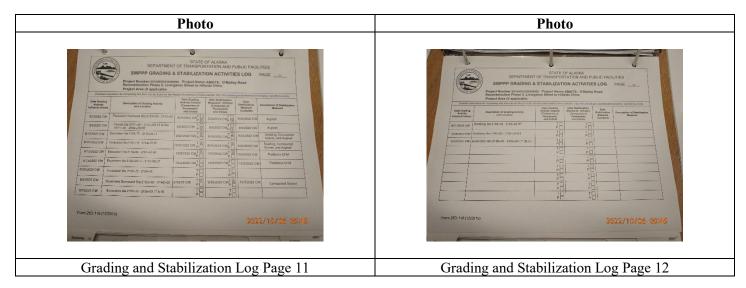


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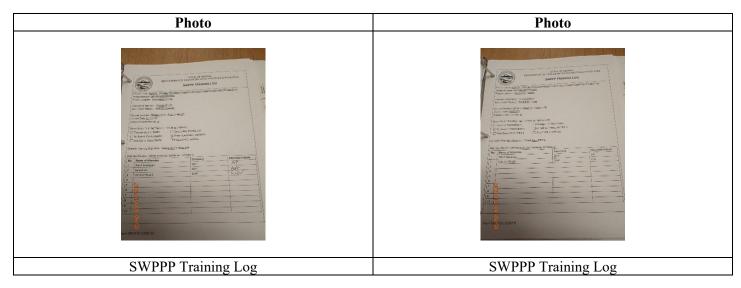


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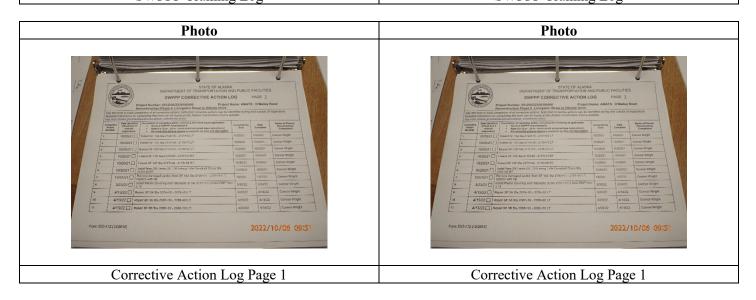


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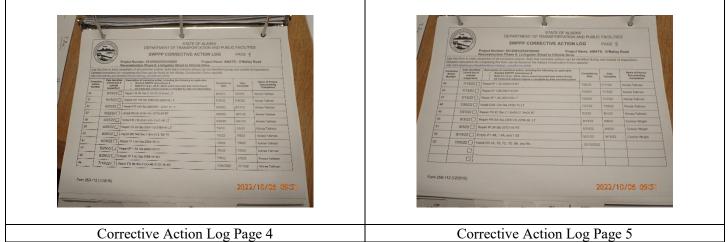


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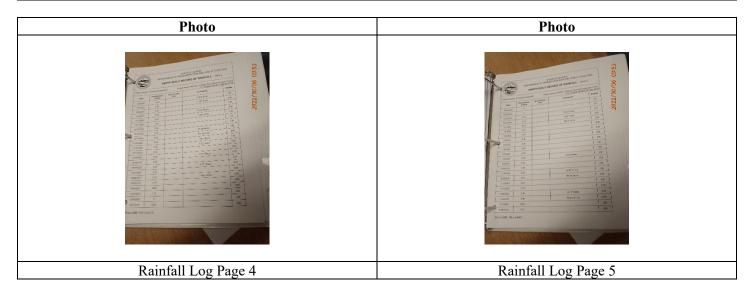


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Rainfall Log Page 12	Rainfall Log Page 13
Photo	Photo
Rainfall Log Page 14	Image: State of the state

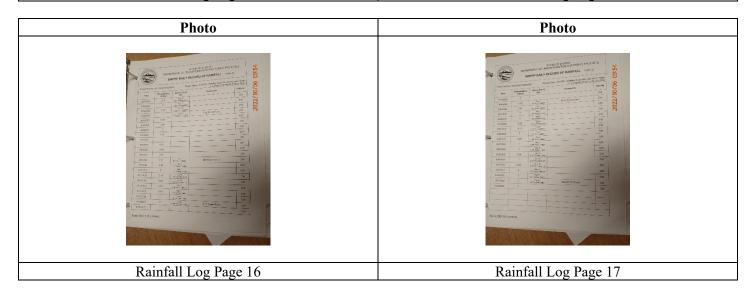


Photo Addendum	
Photo	Photo
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10/13/2021 Inspection Report Page 1	10/13/2021 Inspection Report Page 2
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10/13/2021 Inspection Report Page 3	10/13/2021 Inspection Report Page 4

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10/13/2021 Inspection Report Page 5	10/13/2021 Inspection Report Page 6

Photo Addendum	
Photo	Photo
	Image: margine state stat
10/13/2021 Inspection Report Page 7	10/13/2021 Inspection Report Page 8
Photo	Photo

Description Description	
10/13/2021 Inspection Report Page 9	10/05/2022 Inspection Report Page 1



	ddendum
Photo	Photo
Culvert And Other Project Materials	Drip Pans Under Stationary Equipment
Photo	Photo



Photo A	ddendum
Photo	Photo
2022/10/06 10:26	
Straw Wattles At Culvert Entrances	Stream Crossing
Photo	Photo
Stream Crossing Unser Road	Silt Fencing
Photo	Photo
2022/iD/06_10:35	2022/10/06 10:35
Velocity Dissipation Rocks	Cross Ditch Straw Wattles

Photo Addendum	
Photo	Photo
Active Dirt work Section	Hydroseeding
Photo	Photo
Hydroseeding	Secured Port-A-Potty



Photo Addendum	
Photo	Photo
Incorrect Track Walking, Vertical Not Horizontal	Unsecured Port-A-Potty