



THE STATE  
of **ALASKA**  
GOVERNOR MIKE DUNLEAVY

## 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](http://www.dec.alaska.gov)

5/31/2023

Steven Lewis, P.E.  
MLP & Associates, LLC  
721 Depot Drive  
Anchorage, AK 99501

SUBJECT: APDES Inspection of HISP Highway Rockfall Mitigation, Authorization Numbers AKR10GI41 and AKR10GI51.

Dear Mr. Lewis:

Per the Alaska Pollutant Discharge Elimination System, an inspection of HISP Highway Rockfall Mitigation was conducted on May 1, 2023. 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,

Karolina Pavic, Environmental Program Specialist

Credential No. R-0518

Check One:

- Personally Served  
 Sent by Certified Mail  
 Sent via e-mail  
on the 31st day of May 2023

Enclosure: Inspection Report

cc:

[DEC.Water.APDESData@alaska.gov](mailto:DEC.Water.APDESData@alaska.gov)

Jon Wendel, DEC

Natasha Knight, DEC

A115 5/31/2023 SEL



# 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	Receiving Waters	Inspection Date
Numbers: AKR10GI41 AKR10GI51	Announced	Cook Inlet	Date: 6/1/2023
Effective: 8/19/2020 Effective: 8/26/2020			Entry Time: 10AM
Expiration: 1/31/2026			Exit Time: 2PM

## Section 2: Facility Data

Name of Facility: HSIP Highway Rockfall Mitigation

### Responsible Party/Mailing Address

Name: Jeremy Ingram  
Title: President, HI-TECH Rockfall Construction, Inc  
Address: P.O. Box 674, 2328 Hawthorne Street,  
Forest Grove, OR 97116  
Phone: (503)357-6508  
Email: [estimating@hitechrockfall.com](mailto:estimating@hitechrockfall.com)

### On-Site Representative/Physical Address:

Name: Ryan Brown  
Title: Project Superintendent, HI-TECH Rockfall  
Construction, Inc  
Address: P.O. Box 674, 2328 Hawthorne Street,  
Forest Grove, OR 97116  
Phone: (503)357-6508  
Email: [rbrown@hi-techrockfallconstruction.com](mailto:rbrown@hi-techrockfallconstruction.com)

### Responsible Party/Mailing Address:

Name: Wolfgang Junge  
Title: Regional Director, ADOT&PF  
Address: PO Box 196900, Anchorage, AK 99519  
Phone: (907)269-0770  
Email: [wolfgang.junge@alaska.gov](mailto:wolfgang.junge@alaska.gov)

### On-Site Representative/Physical Address:

Name: Jonathan Tague  
Title: Project Engineer, DOT&PF  
Address: PO Box 196900, Anchorage, AK 99519  
Phone: (907)267-2706  
Email: [jonathan.tague@alaska.gov](mailto:jonathan.tague@alaska.gov)

### Additional Inspection Participants:

Rachel Newell, DEC  
Steven Lewis, SWPPP Manager, MLP Associates  
Jenette Daniel, SWPPP Manager, MLP Associates  
Trent White, Storm Water Inspector, AKDOT&PF

*For internal use only:*

*Off-Site Compliance Evaluation:  Yes  No  
NAICS: 237310 Highway, Street and Bridge  
Construction*

## Section 3: Findings

### Background/Regulatory Status/Compliance History

The HSIP Highway Rockfall Mitigation project is authorized by the Alaska Department of Environmental Conservation (DEC) to discharge storm water associated with construction activities per the Alaska Pollutant Discharge Elimination System (APDES) Construction General Permit (CGP), AKR100000, under authorization

numbers AKR10GI41 and AKR10GI51. The project is a joint venture by the Alaska Department of Transportation and Public Facilities (ADOT&PF) and HI-TECH Rockfall Construction, Inc. The project aim is to improve safety, reduce maintenance demands and mitigate rockfall risk along a portion of the Seward Highway. The receiving waterbody for the project has been identified as the marine waters of Cook Inlet, located within the Turnagain Arm waterway of the Gulf of Alaska. Cook Inlet is not considered an impaired water under the Clean Water Act, Section 303. An area map of the project is shown in Figure 1.

The purpose of the routine inspection conducted on May 1<sup>st</sup>, 2023, was to determine facility compliance with the CGP. The authorizations first became effective on August 19<sup>th</sup>, 2020 and August 26<sup>th</sup>, 2020, respectively. The last modifications were submitted to DEC and became effective on May 1<sup>st</sup>, 2023 and October 13<sup>th</sup>, 2022. The authorizations will expire on January 31<sup>st</sup>, 2026. This is the first inspection of the project by DEC and covers a period starting August 19<sup>th</sup>, 2020, the date of first authorization to the date of inspection, May 1<sup>st</sup>, 2023.

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

### **Field Inspection**

Upon arrival to the project site, introductions were exchanged, and inspector credentials were presented. The inspection began with a records review and interview session followed by a project site walk-through. Prior to the inspection, a thorough review of the Storm Water Pollution Prevention Plan (SWPPP) was conducted by DEC Compliance personnel.

The following information was provided verbally by onsite representatives or obtained through a review of records:

- The project began in August of 2022. The estimated completion date for the project is end of June 2023,
- The project does not discharge to any piped drains belonging to a Municipal Separate Storm Sewer System (MS4); however, it is located within the MS4 of the Municipality of Anchorage Permit No. AKS052558,
- Stormwater discharges from the project site are either routed to existing culverts or percolate through vegetation or the ground and discharge to Cook Inlet,
- DOT and MLP representatives stated that minor spills from equipment have occurred at the site since the project started and all were properly reported and cleaned. The last spill occurred in September 2022,
- The total project area is 30 acres in size with only 9 acres of disturbance,
- The work schedule has varied by season; some months included day shift only, others were a combination of both. The implemented work schedule is 12-hour shifts, 5 days a week,
- The project has pre-scheduled non-working days according to major holiday travel on the Seward Highway for safety, as the two-lane highway is the only means of vehicle travel connecting the Kenai Peninsula to the rest of the state highway system,
- The project has a combined staff of approximately 20 individuals including all contractors,
- Project staff reported only minor disruptions to schedule due to COVID-19 and supply chain shortages,
- Due to location of the project site and nature of activities requiring anchoring and rappelling from the cliffside, as well as flagging activities, weather delays for crew safety have been cited every season. Project staff reported up to 12 days during the inspection; and work was delayed on the day of inspection due to high winds. The project is still expected to finish with only a minor extension period,
- Winter shutdown occurred typically in late October to November. This year, the project area in

Turnagain arm experienced several winter conditions during the months of April and May as the project resumed,

- This year, SWPPP inspections are done by MLP staff once a week on Mondays. A SWPPP inspection was performed on the day of DEC inspection, May 1<sup>st</sup>, 2023,
- Training is conducted as required for HI-TECH staff, and on a regular basis for AKDOT&PF and MLP staff,
- Blasting activities were conducted at the site in 2021 and included advanced notice and highway closures; additional blasting is not planned,
- Concrete wash-out waste was deposited in a lined truck bed and disposed of appropriately,
- SWPPP inspection records are stored digitally after review and signature requirements are met; hard copy records are stored by AKDOT&PF,
- The major elements of the project include: removal of rock and trees, installation of rock bolts, dowels and wire mesh for catchment and repairing sections of highway where rockfall damage occurred. At the time of inspection, crew were working on removal of rock and trees and installation of rock bolts and dowels,
- Cook Inlet, the receiving waterbody, is an Essential Fish Habitat and designated as critical habitat for the endangered Cook Inlet Beluga. The areas are managed by the National Oceanic and Atmospheric Administration (NOAA). The project zones are not expected to impact those areas and monitoring for Belugas, other wildlife and migratory birds is conducted by staff,
- The project zones do not intersect Public Drinking Water Areas and are not within 1,500 feet of any contaminated sites,
- Both MLP and AKDOT&PF monitor Best Management Practices (BMPs) throughout the site,
- Rainfall monitoring data is collected from the Glen Alps and Indian areas near the project site.

The following observations were made by DEC inspectors:

- At the time of inspection, BMPs observed on site included: use of existing vegetative buffers, spill kits, duck ponds, stabilized entrance/exit for staging areas, road safety barriers, flagging, culvert inlet protection, fiber rolls, secondary containment, covered waste disposal area,
- Although the primary visual inspection of the project site took place on May 1<sup>st</sup>, 2023, the construction area was observed twice daily from the start of the project in August 2020 and will be continuously observed as the area is within DEC inspectors' office and home commute. Daily observations have not yielded any areas of concern,
- The project site is concentrated on the northbound lane of the Seward Highway between mile posts 113.6 and 104.7,
- Construction equipment and material, vehicles, and one staff trailer were staged at a pre-existing pull-out on the Seward Highway; the designated staging areas employed temporary BMP's,
- A separate staging area with a trailer and flagging equipment was utilized at a separate pre-existing pull-out for the flagger/highway control company, Tlingit Traffic Control Professionals, LLC,
- A water truck utilized to control dust at the project site was stored in the staging area,
- No evidence of spills or equipment leaks were observed in the staging areas at the time of inspection,
- Spill kits were located throughout the project site; spill kits were also stored in construction equipment,
- Secondary containment was utilized for spillable materials,
- Waste material was stored in a covered dumpster in the staging area,
- Fuel storage on site was limited to 5-gallon fuel jugs used for the trailer generator; equipment fueling was conducted via mobile fuel truck,
- SWPPP signs were observed at either end of the project site,
- The construction site had a designated and well-marked entrance/exit with highway signs, safety barriers

- and traffic control flagging,
- The construction area including the staging area, material storage locations, trailer office and sanitary waste portable toilets (Sani-cans) located throughout the project sites were clean and free of debris,
  - Materials without discharge potential such as fencing were stored on pallets at the staging areas while spillable materials were stored inside Connex trailers,
  - Duck ponds were observed being utilized on staged equipment at the site,
  - All project sites with temporary BMP's were observed in good working order,
  - Several existing culverts are present between the railroad right-of-way and the Seward Highway where stormwater and snow melt discharges can occur,
  - Snow melt discharge was observed in the project zone and was appropriately managed; water was not observed mixing with construction activities and appeared well contained,
  - Copies of SWPPP inspections, modifications and records were provided digitally prior to inspection as well as reviewed on site during the visual inspection. The last permit modification was submitted on the day of inspection due to Project Management/signatory authority staffing change.

<b>Sampling</b>	<b>YES</b>	<input type="checkbox"/>	<b>NO</b>	<input checked="" type="checkbox"/>
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No samples were taken during this inspection.

**Records Review**

- The following records were reviewed as part of the on-site inspection and are considered complete:
- A copy of Construction General Permit,
  - A copy of the SWPPP,
  - Copies of the NOI and DEC Authorization Letter's,
  - SWPPP Certifications,
  - Copy of the Delegation Forms,
  - SWPPP Modification Logs 2020 through 2023 – Last entry date May 1<sup>st</sup>, 2023
  - SWPPP Corrective Action Logs 2020 through 2023 – Last entry date March 27<sup>th</sup>, 2023
  - SWPPP Grading and Stabilization Logs 2020 through 2023 – Last entry date April 20<sup>th</sup>, 2023
  - Certified Erosion and Sediment Control Lead (CESCL) Certifications,
  - SWPPP Daily Record of Rainfall Logs– Last entry date May 1<sup>st</sup>, 2023,
  - Copies of Inspection Reports 2020 through 2023– Last entry May 1<sup>st</sup>, 2023,
  - SWPPP Training Logs 2020 through 2023 – Last entry date April 4<sup>th</sup>, 2023
  - Monthly Spill Logs, 2020 through 2023, – Last entry date September 27<sup>th</sup>, 2022

**Closing Conference**

- The following participants were present during the closing conference:
- Karolina Pavic, DEC
  - Rachel Newell, DEC
  - Steven Lewis, SWPPP Manager, MLP Associates
  - Jenette Daniel, SWPPP Manager, MLP Associates
  - Trent White, Storm Water Inspector, AKDOT&PF
  - Ryan Brown, Title: Project Superintendent, HI-TECH Rockfall
  - Jonathan Tague, Project Engineer, DOT&PF

Upon completion of inspection at HSIP Highway Rockfall Mitigation, a closing conference was held. The DEC inspector provided the facility with preliminary inspection findings and found the project site in good condition with BMP's functioning as intended.

**Section 4: Compliance**

**Violations**

Violations were not identified during this inspection.	
<b>Areas of Concern</b>	
None.	
<b>Section 5: Appendixes</b>	
<ol style="list-style-type: none"> <li>1. Photo Addendum</li> <li>2. Close Out Letter</li> </ol>	
<b>Signature</b>	
<p><b>Inspector</b> – Karolina Pavic                      Credential Number: R-0518                      Phone: (907)269-6281                      E-mail: <a href="mailto:karolina.pavic@alaska.gov">karolina.pavic@alaska.gov</a></p> <p><b>Reviewed By</b> – Natasha Knight                      Credential Number: R-0538                      Phone: (907) 269-7440                      E-mail: <a href="mailto:natasha.knight@alaska.gov">natasha.knight@alaska.gov</a></p>	<p>X _____ <i>kpavic</i> _____                      Date: 5/19/2023</p> <p>X _____ <i>Natasha Knight</i> _____                      Date: 5/31/2023</p>

Figure 1:

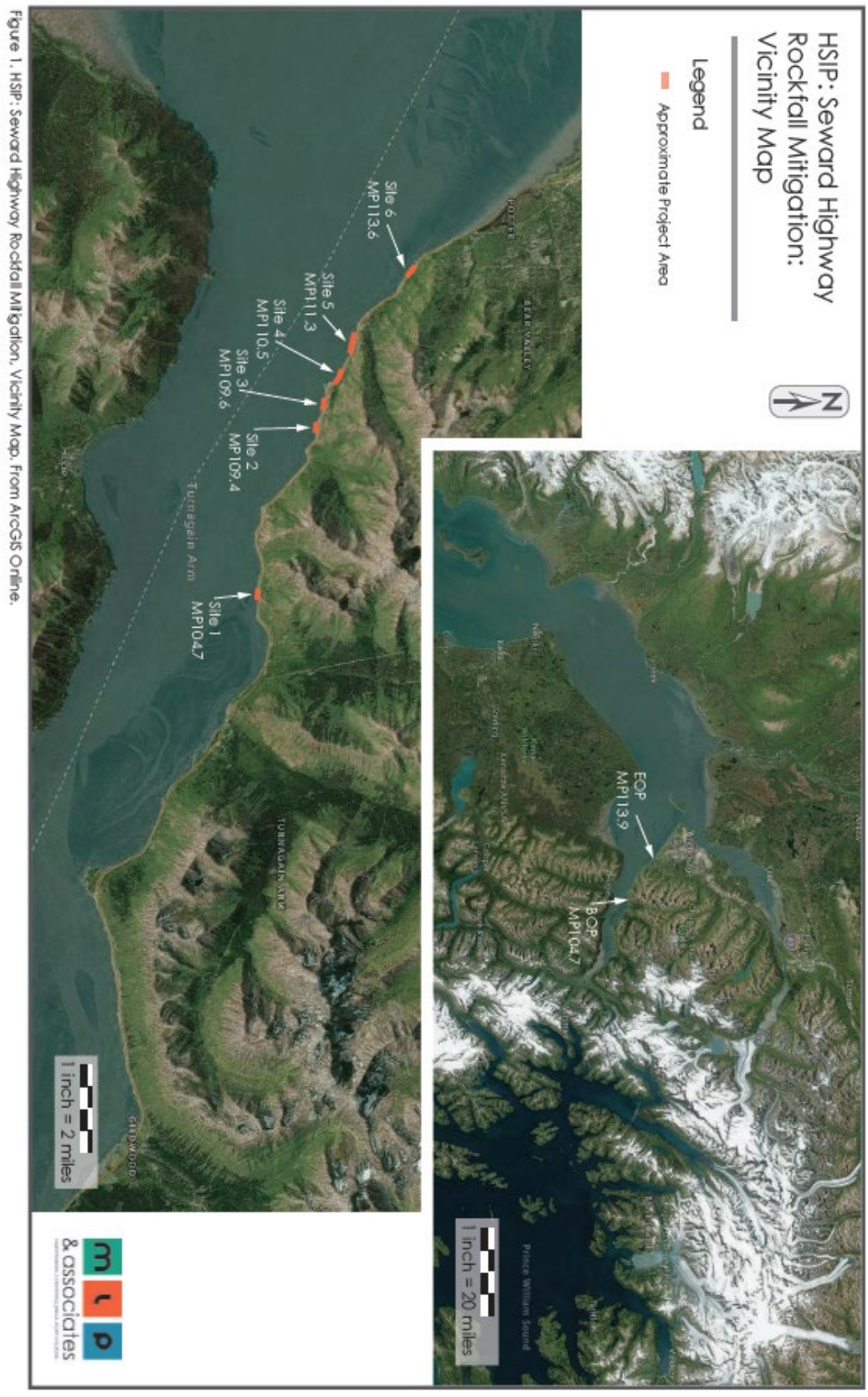






Figure 1. HSIP: Seward Highway Rockfall Mitigation. Vicinity Map. From ArcGIS Online.



Photo Addendum

<p style="text-align: center;"><b>Photo 01</b></p> 	<p style="text-align: center;"><b>Photo 02</b></p> 
<p style="text-align: center;">Construction entrance</p>	<p style="text-align: center;">HI-TECH crew on cliff</p>



<p style="text-align: center;"><b>Photo 03</b></p> 	<p style="text-align: center;"><b>Photo 04</b></p> 
<p style="text-align: center;">Stabilization</p>	<p style="text-align: center;">Snowmelt to existing culvert and vegetation</p>

<p style="text-align: center;"><b>Photo 05</b></p> 	<p style="text-align: center;"><b>Photo 06</b></p> 
<p style="text-align: center;">Vegetative buffer</p>	<p style="text-align: center;">Straw wattle</p>



<p style="text-align: center;"><b>Photo 07</b></p> 	<p style="text-align: center;"><b>Photo 08</b></p> 
<p style="text-align: center;">Stabilization</p>	<p style="text-align: center;">Vegetative buffer</p>

<p style="text-align: center;"><b>Photo 09</b></p> 	<p style="text-align: center;"><b>Photo 10</b></p> 
<p style="text-align: center;">Straw wattle with sandbags</p>	<p style="text-align: center;">Grading</p>

<p style="text-align: center;"><b>Photo 11</b></p> 	<p style="text-align: center;"><b>Photo 12</b></p> 
<p style="text-align: center;">Highway divider and crash barrier</p>	<p style="text-align: center;">Spill kit in project zone</p>

**Photo Addendum**

**Photo 13**



Staff trailer in staging area

**Photo 14**



Water truck with duck pond

**Photo 15**



Secondary containment fuel storage

**Photo 16**



Flagging contractor staging area and sign

**Photo 17**



Staging area equipment and vehicles

**Photo 18**



Connex covered storage

**Photo Addendum**

**Photo 19**



Secondary containment

**Photo 20**



Spill kit contents

**Photo 21**



Equipment duck pond

**Photo 22**



Covered dumpster

**Photo 23**



Flagger

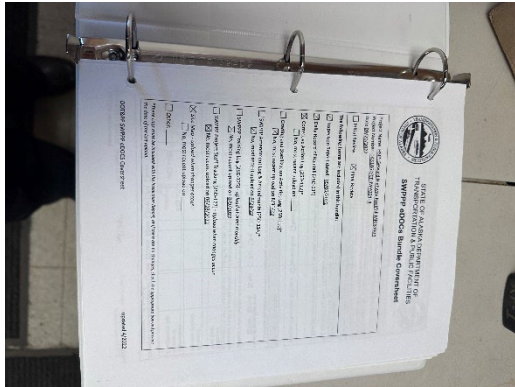
**Photo 24**



SWPPP sign

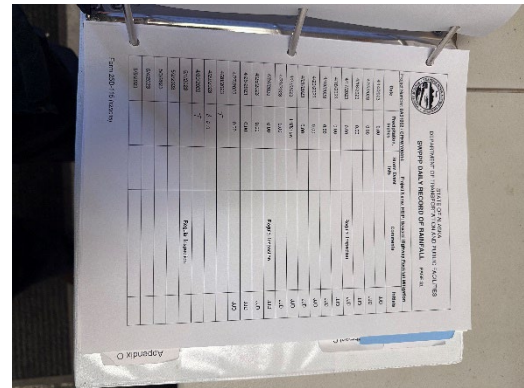
Photo Addendum

Photo 25



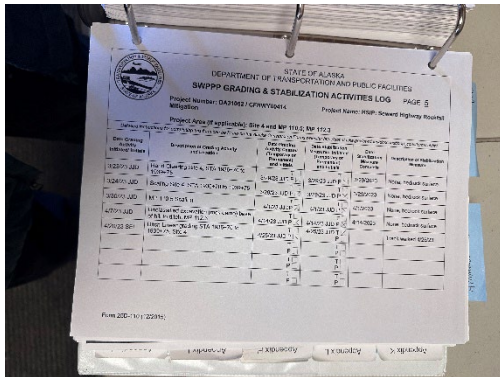
SWPPP Inspection Report 2022

Photo 26



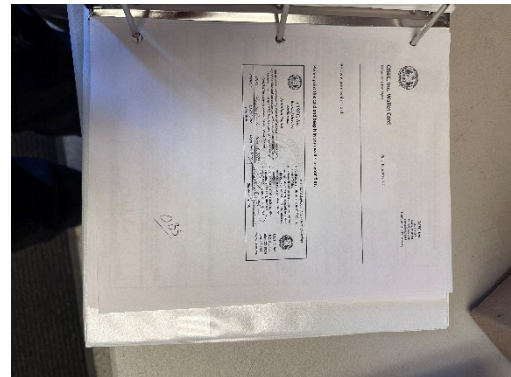
SWPPP Daily Record of Rainfall Log

Photo 27



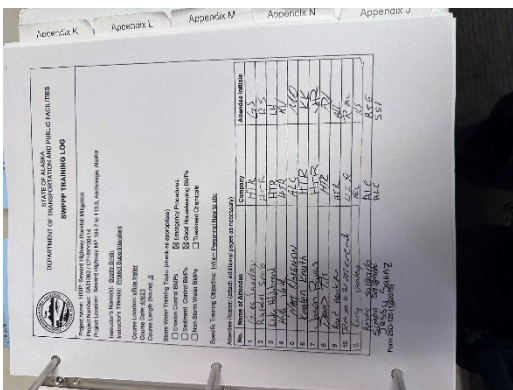
SWPPP Grading Stabilization Log

Photo 28



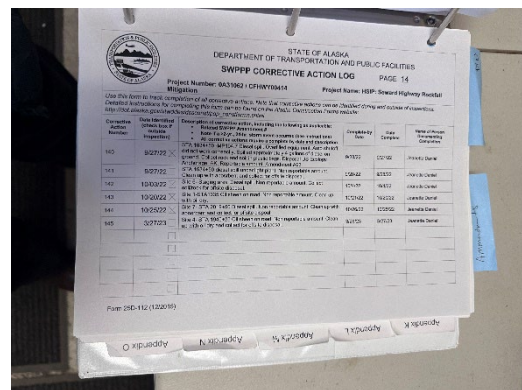
CESCL Certification Jonathan Tague ADOT&PF

Photo 29

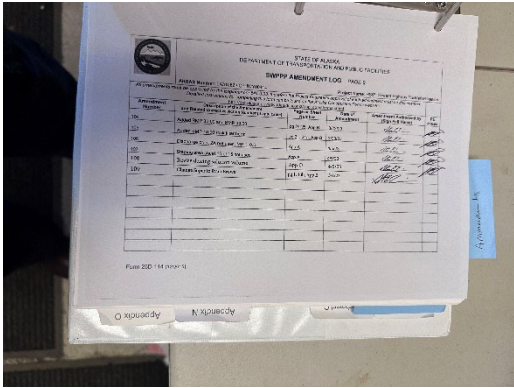
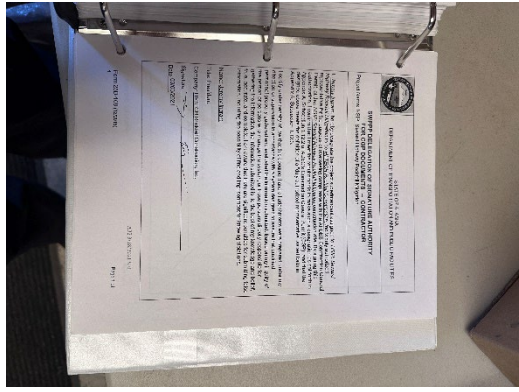
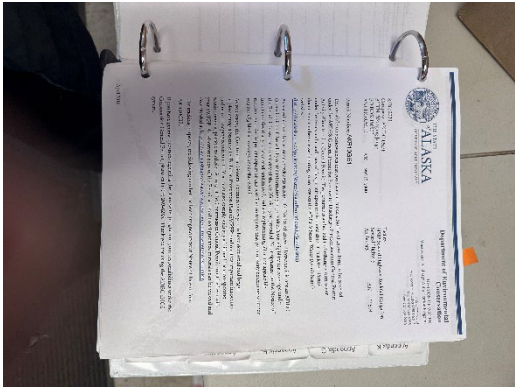
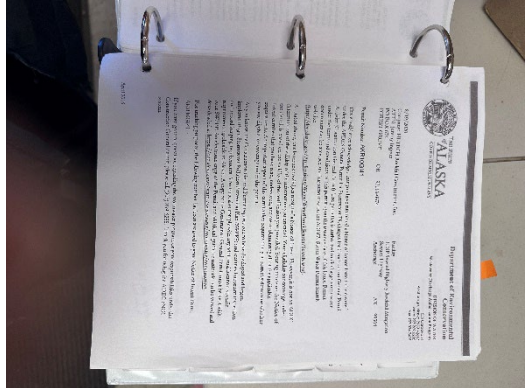
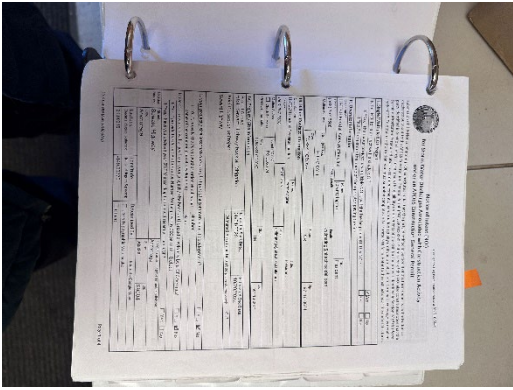
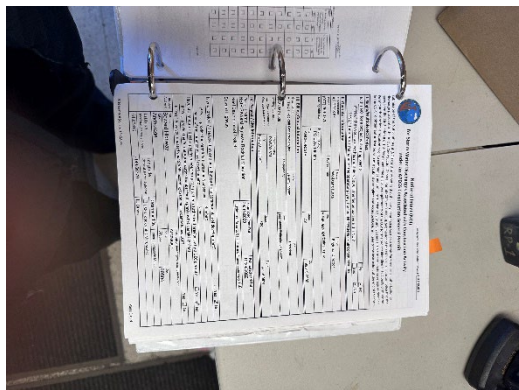


SWPPP Employee Training Log

Photo 30

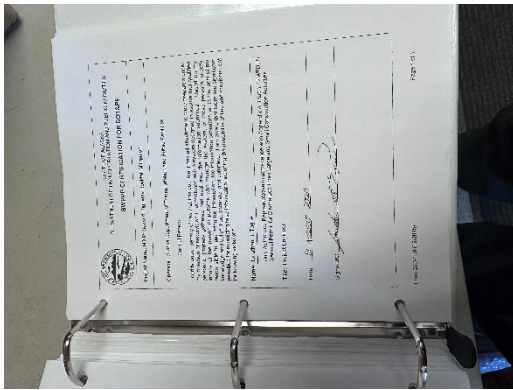


SWPPP Corrective Action Log

<b>Photo Addendum</b>	
<b>Photo 31</b>	<b>Photo 32</b>
	
<b>SWPPP Modification Log</b>	<b>SWPPP Delegation Form HI-TECH</b>
<b>Photo 33</b>	<b>Photo 34</b>
	
<b>Authorization letter, AKR10GI51</b>	<b>Authorization letter, AKR10GI41</b>
<b>Photo 35</b>	<b>Photo 36</b>
	
<b>AKR10GI41 NOI</b>	<b>AKR10GI51 NOI</b>

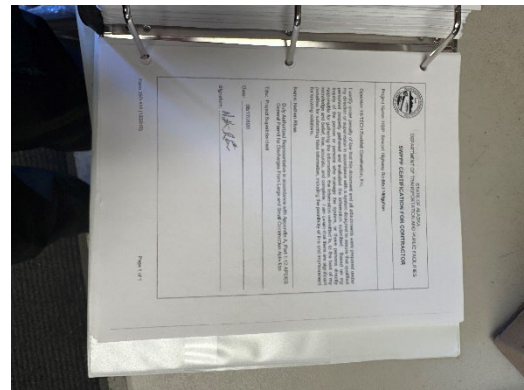
**Photo Addendum**

**Photo 37**



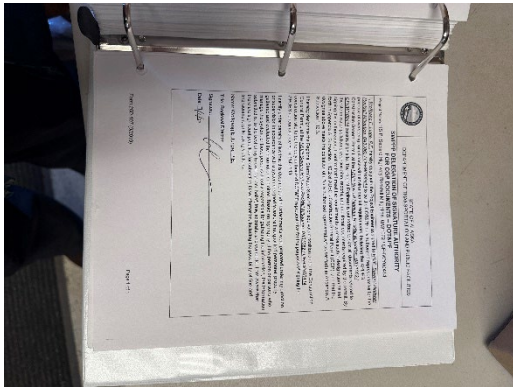
SWPPP Certification AKDOT&PF

**Photo 38**



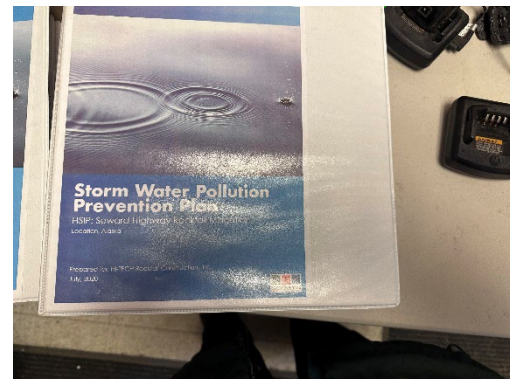
SWPPP Certification HI-TECH

**Photo 39**



SWPPP Delegation AKDOT&PF

**Photo 40**



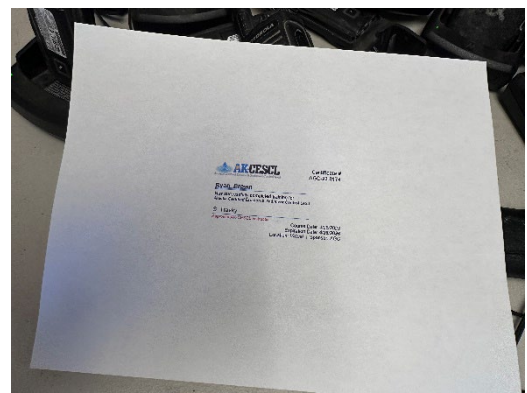
SWPPP binder for both permits

**Photo 41**



CESCL Certification Steven Lewis, MLP

**Photo 42**



CESCL Certification Ryan Brown, HI-TECH



# APDES INSPECTION REPORT

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

## Section 1: General Data

Authorization	Announced / Unannounced	Receiving Waters	Inspection Date
Numbers: AKR10H03N AKR10H03W	Announced	Fish Creek Chester Creek Westchester Lagoon Wetlands	Date: 6/13/2023
Effective: 9/8/2022 Effective: 9/12/2022			Entry Time: 10:00am
Expiration: 1/31/2026			Exit Time: 3:00pm

## Section 2: Facility Data

Name of Facility: Minnesota Dr: Tudor to 15th Avenue Pavement Preservation & Lighting

Responsible Party/Mailing Address:

Name: Todd Porter  
 Title: General Manager, COLASKA, INC dba QAP  
 Address: 240 W. 68<sup>th</sup> Avenue, Anchorage, AK 99518  
 Phone: (907)-522-2211  
 Email: [cortega@colaska.com](mailto:cortega@colaska.com)

On-Site Representative/Physical Address:

Name: Martin Meenaghan  
 Title: Superintendent, COLASKA, INC dba QAP  
 Address: 240 W. 68<sup>th</sup> Avenue, Anchorage, AK 99518,  
 Phone: (907)-687-4416  
 Email: [mmeenaghan@colaska.com](mailto:mmeenaghan@colaska.com)

Responsible Party/Mailing Address:

Name: John Binder  
 Title: Deputy Commissioner, ADOT&PF  
 Address: PO Box 112500, Juneau, AK 99811  
 Phone: (907)-269-0730  
 Email: [john.binder@alaska.gov](mailto:john.binder@alaska.gov)

On-Site Representative/Physical Address:

Name: Hannah Counter, P.E.  
 Title: Project Engineer, ADOT&PF  
 Address: PO Box 196900, Anchorage, AK 99519  
 Phone: (907)-339-1925  
 Email: [hannah.counter@alaska.gov](mailto:hannah.counter@alaska.gov)

Additional Inspection Participants:

Joshua James, ADOT&PF, AK-CESCL Advisor  
 Heng "Tony" Liang, R&M Consultants, ADOT&PF  
 SWPPP Manager  
 Brandon Parsons, QAP, SWPPP Manager,  
 Tess Porter, QAP, SWPPP Manager  
 Tyler Rickabaugh, QAP, Environmental Coordinator

*For internal use only:*

*Off-Site Compliance Evaluation:  Yes  No  
 NAICS: 237310 Highway, Street and Bridge  
 Construction*

## Section 3: Findings

### Background/Regulatory Status/Compliance History

The Minnesota Dr: Tudor to 15th Avenue Pavement Preservation & Lighting project is authorized by the Alaska Department of Environmental Conservation (DEC) to discharge storm water associated with construction activities per the Alaska Pollutant Discharge Elimination System (APDES) Construction General Permit (CGP), AKR100000, under authorization numbers AKR10H03N and AKR10H03W. The project is a joint venture by the Alaska Department of Transportation and Public Facilities (ADOT&PF) and COLASKA dba QAP. The

project aim is to improve safety, drainage, lighting, signalization, and lighting along Minnesota Drive between Tudor Road and 15<sup>th</sup> Avenue in the city of Anchorage.

The receiving waterbodies for the project have been identified as Fish Creek, Chester Creek, Westchester Lagoon, and wetlands. Fish Creek has been identified under the Clean Water Act (CWA), Section 303(d) Category 4a, Impaired with a recovery plan for fecal coliform (FC). A Total Maximum Daily Load (TMDL) of  $8.76 \times 10^{11}$  FC/year was established and approved by the Environmental Protection Agency (EPA) in March of 2004. Chester Creek and Westchester Lagoon were placed on the CWA Section 303(d) Category 4a list for impairment due to FC, a TMDL of  $5.18 \times 10^{11}$  to  $3.73 \times 10^{12}$  FC/year was established and approved by the EPA in May of 2005. Additionally, both Chester and Fish Creek are listed in the Alaska Department of Fish and Game (ADF&G) Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes based on the utilization, presence or rearing of the following anadromous fish species: coho salmon (*Oncorhynchus kisutch*), pink salmon (*Oncorhynchus gorbuscha*), sockeye salmon (*Oncorhynchus nerka*) and Dolly Varden (*Salvelinus malma*). The project boundary and associated drainage areas intersect three Public Water System (PWS) Drinking Water Protection Areas (DPWA) identified as Romig Park S/D (AK2211114), Anchorage Sands Apartments (AK2211198) and Municipality of Anchorage (MOA) (AK2210906). A search of DEC Contaminated Sites Database identified 11 active sites within 1,500 ft of the project (Hazard ID's 23830, 22873, 23370, 23313, 23580, 303, 23570, 24015, 26404, 27715, and 27034). In consultation with U.S. Fish and Wildlife Service, endangered and/or threatened species were not identified within the project area, however, nesting migratory bird areas were noted. An area map of the project and waterbodies is shown in Figure 1.

The purpose of the routine inspection conducted on June 13<sup>th</sup>, 2023, was to determine project compliance with the CGP. The authorizations first became effective on September 8<sup>th</sup>, 2022, and September 12<sup>th</sup>, 2022, respectively. The last modifications were submitted to DEC and became effective on June 6<sup>th</sup>, 2023, and June 28<sup>th</sup>, 2023. The authorizations will expire on January 31<sup>st</sup>, 2026. This is the first inspection of the project by DEC and covers a period starting September 8<sup>th</sup>, 2022, the date of first authorization to the date of inspection, June 13<sup>th</sup>, 2023.

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

### **Field Inspection**

Upon arrival to the project office headquarters, introductions were exchanged, and inspector credentials were presented. The inspection began with a records review and interview session followed by a project site walk-through. Prior to the inspection, a thorough review of the Storm Water Pollution Prevention Plan (SWPPP) was conducted by DEC Compliance personnel.

The following information was provided verbally by onsite representatives or obtained through a review of facility records:

- The project began in September of 2022. Staff stated that the project is on track to completion by September 30<sup>th</sup>, 2023,
- The project is located within and discharges to piped drains of the Municipal Separate Storm Sewer System (MS4) of the MOA, Permit No. AKS052558,
- Stormwater discharges from the project site routed to piped MS4 drains ultimately discharge to Cook Inlet via Fish Creek, Chester Creek, and Westchester Lagoon,
- The total project area is 56 acres in size with only 7 acres of disturbance,
- QAP has day to day operational control of the project and SWPPP inspections are conducted jointly with ADOT&PF,



- The work schedule includes day and night shift. The implemented work schedule is 7pm to 5am and 7am to 2pm. Day shift is staffed by approximately 10 employees while night shift includes up to 20,
- The project is currently utilizing flaggers for traffic control and in July it will include the MOA Police Department for safety,
- The project has a combined staff of approximately 30 individuals including all contractors,
- Project staff reported only minor disruptions to schedule due to supply chain shortages and long shipping times,
- SWPPP inspections are done by QAP and AKDOT&PF staff once a week. A SWPPP inspection was performed on the day of DEC inspection, June 13<sup>st</sup>, 2023,
- Training is conducted as required for QAP staff, and on a regular basis for AKDOT&PF staff. SWPPP training is conducted monthly,
- SWPPP inspection records are stored digitally after review and signature requirements are met; hard copy records are stored by AKDOT&PF,
- Both QAP and AKDOT&PF monitor best management practices (BMPs) throughout the site,
- Rainfall monitoring data is collected from Anchorage International Airport weather station near the project site,
- Excavation and dewatering activities are not being conducted for the project; a water truck for dust control will be utilized,
- Concrete washout is contained and disposed of at landfill,
- The project does not require temporary staff housing or staging areas for trailers or offices as it is located within the city. An equipment staging area is utilized near the project site,
- Construction waste is placed in dumpsters and disposed of by Alaska Waste,
- Project representatives stated that minor spills from equipment have occurred at the site since the project started and all were properly reported and cleaned. QAP reported and cleaned up a 55-gallon hydraulic spill to land,
- The major elements of the project include: installation of guardrails and Americans with Disabilities Act (ADA) curb ramp, improve drainage, signalization, and pedestrian lighting along Minnesota Drive, conduct paving, stripping, and resurfacing of roadways and sidewalks to fix cracks and uneven surfaces,

The following observations were made by DEC inspectors:

- Although the primary visual inspection of the project site took place on June 13<sup>th</sup>, 2023, the construction area was observed up to four times daily from the start of the project in September 2022 and will be continuously observed as the area is within DEC inspectors' office and home commute. Additionally, the construction and staging area is within the DEC inspector's neighborhood and recreational area. Daily observations have not yielded any areas of concern,
- SWPPP inspections, modifications and permit required records were reviewed on site during the visual inspection. The last permit modification was submitted on the day of inspection due to Project Management/signatory authority staffing change,
- At the time of inspection, BMPs observed on site included: use of existing vegetative buffers, topsoil preservation, spill kits, duck ponds, secure entrance/exit for staging areas, road safety barriers, flagging, inlet protection/witches' hats, compost socks, secondary containment, dust control,
- The project site is located on the north and southbound lanes of Minnesota Drive in an area of Anchorage known as "Spenard". Work along the roadway at the time of inspection was concentrated to sidewalks and pedestrian crossing areas,
- Paving and resurfacing activities were concentrated along the West Chester Lagoon area up to 15<sup>th</sup> Avenue,

- Construction equipment and materials were staged at the edge of a parking lot owned by the West Anchorage Highschool; staging areas employed temporary BMPs like a security fence, secondary containment, spill kits and covered material storage,
- Construction waste material was stored in a dumpster in the staging area,
- Duck ponds were observed being utilized on staged equipment at the site,
- Secondary containment/Connex was utilized for spillable materials,
- SWPPP signs were observed at either end of the project site,
- The construction site had a designated and well-marked entrance/exit with signs, safety barriers and traffic control flagging,
- Concrete wash-out waste was deposited in a lined container,
- Spills were not observed in the staging areas or construction areas at the time of inspection,
- Spill kits were located throughout the project site; spill kits were also stored in construction equipment,
- The construction area including the staging area, and sanitary waste portable toilets (Sani-cans) were clean and free of debris,
- Materials without discharge potential such as BMP materials and culverts were stored on pallets at the staging area while spillable materials were stored inside Connex trailers or in secondary containment,
- All project BMP's were observed in good working order,
- Several existing stormwater collection drains were observed with inlet protection along the north and southbound lanes of Minnesota Drive,
- Storm water controls along West Chester Lagoon were adequately placed with limitations due to several active nesting locations, some nests were observed directly on the compost sock/fiber rolls and access was guarded by protective birds,
- Evidence of spills, sheens or debris were not observed along either side of West Chester Lagoon,
- At the time of inspection, paving activities were observed taking place from 27<sup>th</sup> to 15<sup>th</sup> Avenue; areas of concern were not noted,

<b>Sampling</b>	<b>YES</b>	<input type="checkbox"/>	<b>NO</b>	<input checked="" type="checkbox"/>
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No samples were taken during this inspection.

**Records Review**

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

- A copy of Construction General Permit,
- A copy of the SWPPP,
- Copies of the NOI and DEC Authorization Letter's,
- SWPPP Certifications,
- Copy of the Delegation Forms,
- SWPPP Modification Logs 2022 through 2023 – Last entry date June 9<sup>th</sup>, 2023,
- SWPPP Corrective Action Logs 2022 through 2023 – Last entry date June 13<sup>th</sup>, 2023,
- SWPPP Grading and Stabilization Logs 2022 through 2023 – Last entry date June 5<sup>th</sup>, 2023,
- Certified Erosion and Sediment Control Lead (CESCL) Certifications,
- SWPPP Daily Record of Rainfall Logs– Last entry date June 13<sup>th</sup>, 2023,
- Copies of Inspection Reports 2022 through 2023– Last entry June 13<sup>th</sup>, 2023,
- SWPPP Training Logs 2022 through 2023 – Last entry date June 5<sup>th</sup>, 2023,
- Monthly Spill Logs, 2022 through 2023, – Last entry date June 9<sup>th</sup>, 2023

**Closing Conference**

The following participants were present during the closing conference:

- Karolina Pavic, DEC
- Hannah Counter, ADOT&PF,

- Martin Meenaghan, QAP,
- Joshua James, ADOT&PF,
- Heng “Tony” Liang, R&M Consultants, ADOT&PF,
- Brandon Parsons, QAP,
- Tess Porter, QAP,
- Tyler Rickabaugh, QAP

Upon completion of inspection at Minnesota Dr: Tudor to 15th Avenue Pavement Preservation & Lighting, a closing conference was held. The DEC inspector provided the facility with preliminary inspection findings and found the project site in good condition with BMP’s functioning as intended.

#### Section 4: Compliance

##### Violations

Violations were not identified during this inspection.

##### Areas of Concern

None.

#### Section 5: Appendixes

1. Photo Addendum
2. Close Out Letter

#### Signature

**Inspector** – Karolina Pavic  
 Credential Number: R-0518  
 Phone: (907)269-6281  
 E-mail: [karolina.pavic@alaska.gov](mailto:karolina.pavic@alaska.gov)

X *kpavic*

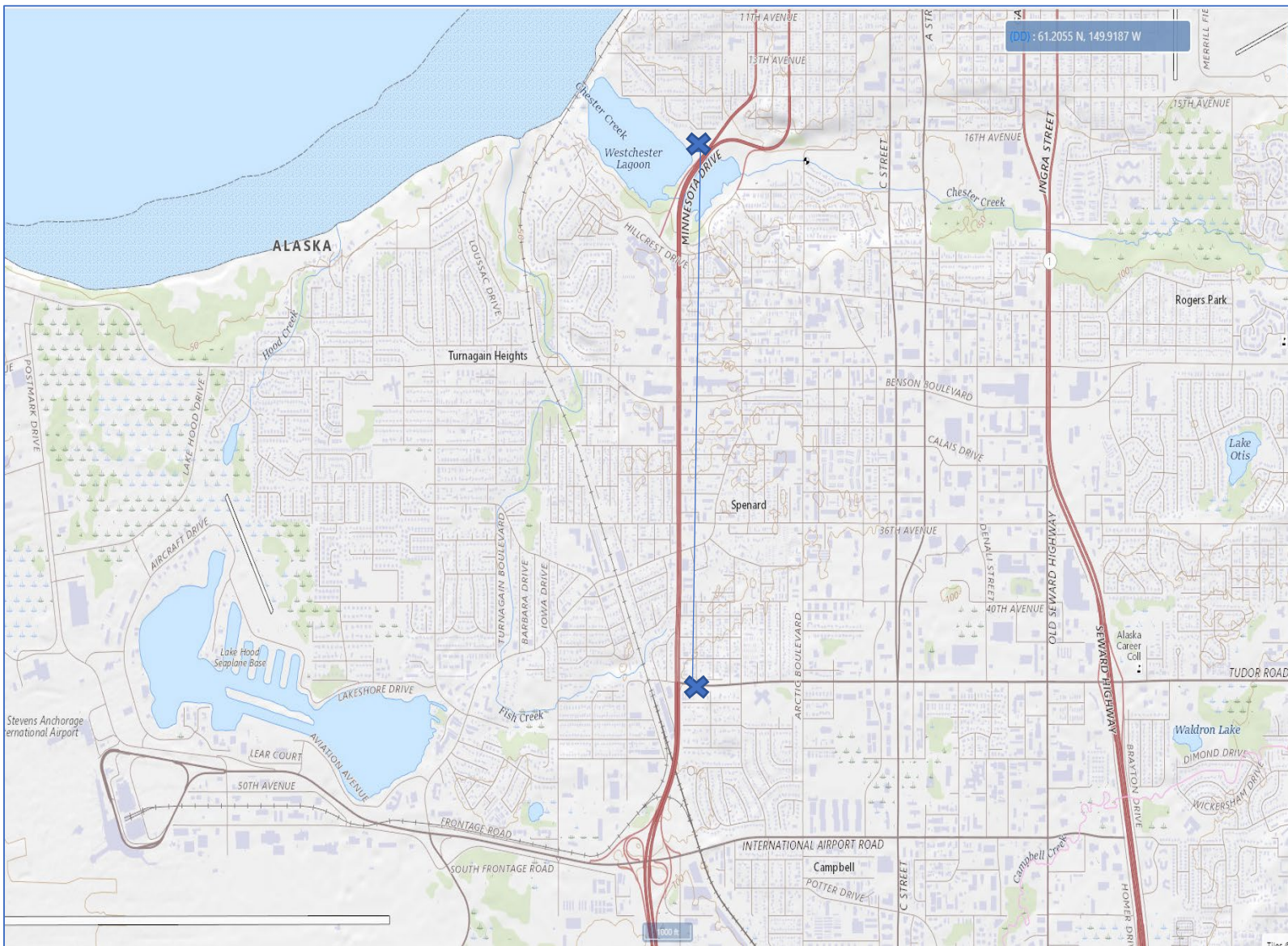
Date: 7/5/2023


**Reviewed By** – Natasha Knight  
 Credential Number: R-0538  
 Phone: (907) 269-7440  
 E-mail: [natasha.knight@alaska.gov](mailto:natasha.knight@alaska.gov)

X *Natasha Knight*

Date: 7/6/2023

Figure 1:



<b>Photo Addendum</b>	
<b>Photo 01</b>	<b>Photo 02</b>
	
15 <sup>th</sup> Ave SWPPP Sign	Tudor and Minnesota SWPPP Sign
<b>Photo 03</b>	<b>Photo 04</b>
	
Staging area gated entrance	Staging area gated exit
<b>Photo 05</b>	<b>Photo 06</b>
	
Staging area covered storage	Waste dumpster

**Photo Addendum**

**Photo 07**



Spill kit contents in staging area

**Photo 08**



Material and equipment storage

**Photo 09**



Minnesota Drive looking south

**Photo 10**



Minnesota Drive and Benson looking north

**Photo 11**








New concrete at Benson and Minnesota

**Photo 12**



Lined concrete washout

Photo Addendum	
<p><b>Photo 13</b></p>  <p>Inlet protection Minnesota Drive looking south</p>	<p><b>Photo 14</b></p>  <p>Inlet protection Minnesota Drive looking north</p>
<p><b>Photo 15</b></p>  <p>Minnesota and 32<sup>nd</sup> southbound</p>	<p><b>Photo 16</b></p>  <p>Minnesota and 33<sup>rd</sup> southbound</p>
<p><b>Photo 17</b></p>  <p>Staging area equipment</p>	<p><b>Photo 18</b></p>  <p>Traffic control</p>

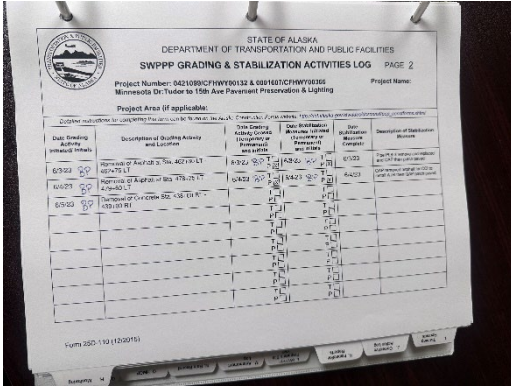
<p style="text-align: center;"><b>Photo 19</b></p> 	<p style="text-align: center;"><b>Photo 20</b></p> 
<p style="text-align: center;">Vegetative buffer</p>	<p style="text-align: center;">Culvert protection</p>
<p style="text-align: center;"><b>Photo 21</b></p> 	<p style="text-align: center;"><b>Photo 22</b></p> 
<p style="text-align: center;">Fiber roll BMP</p>	<p style="text-align: center;">Fresh paving</p>
<p style="text-align: center;"><b>Photo 23</b></p> 	<p style="text-align: center;"><b>Photo 24</b></p> 
<p style="text-align: center;">BMPs along Westchester Lagoon</p>	<p style="text-align: center;">Bird nest (middle) by fiber roll BMP</p>



<b>Photo Addendum</b>	
<p><b>Photo 25</b></p>  <p>Traffic counter sensor installation</p>	<p><b>Photo 26</b></p>  <p>Traffic counter sensor installation</p>
<p><b>Photo 27</b></p>  <p>Night work</p>	<p><b>Photo 28</b></p>  <p>Water truck and traffic control</p>
<p><b>Photo 29</b></p>  <p>15<sup>th</sup> Avenue asphalt paving</p>	<p><b>Photo 30</b></p>  <p>Fresh asphalt</p>

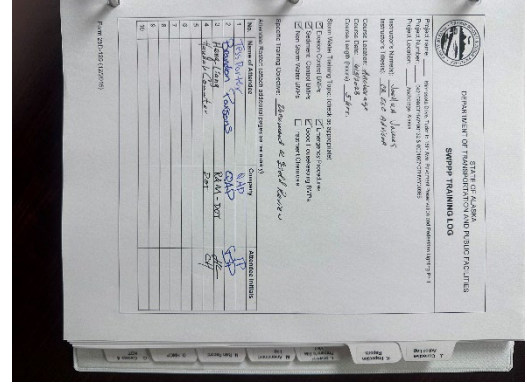
**Photo Addendum**

**Photo 31**



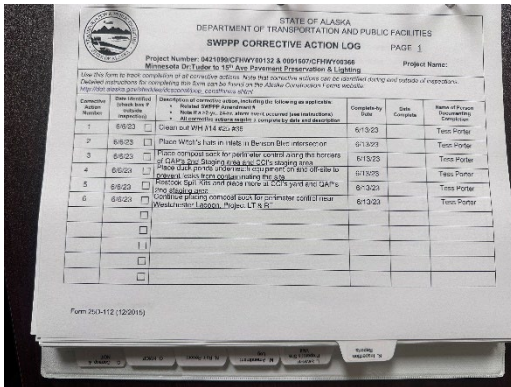
SWPPP Grading and Stabilization Log

**Photo 32**



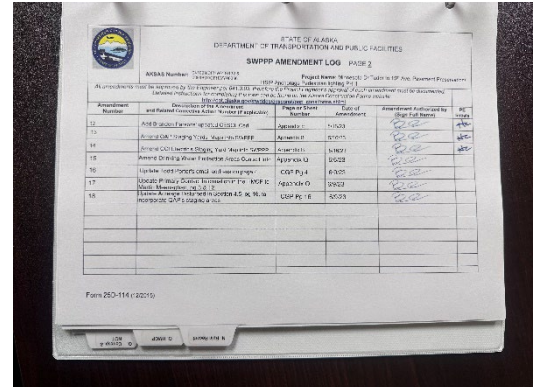
SWPPP Training Log

**Photo 33**



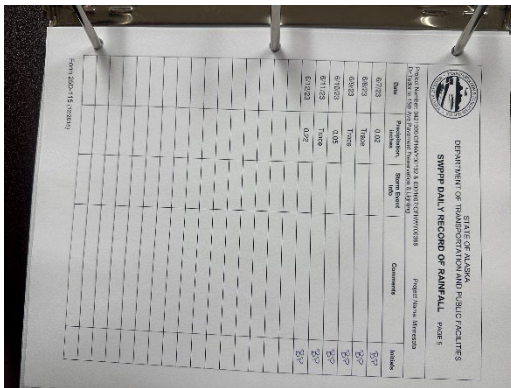
SWPPP Corrective Action Log

**Photo 34**



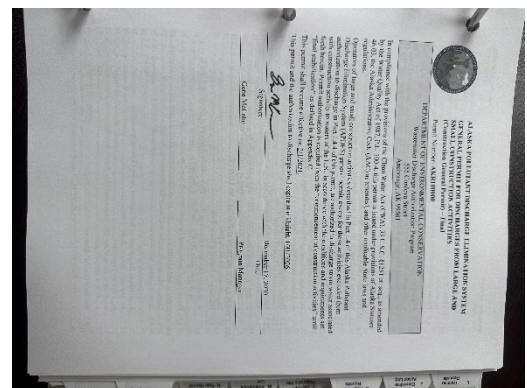
SWPPP Modification Log

**Photo 35**

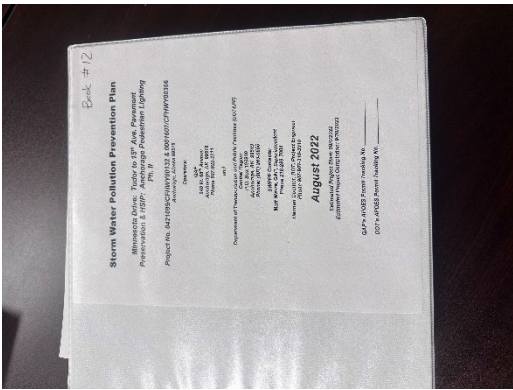

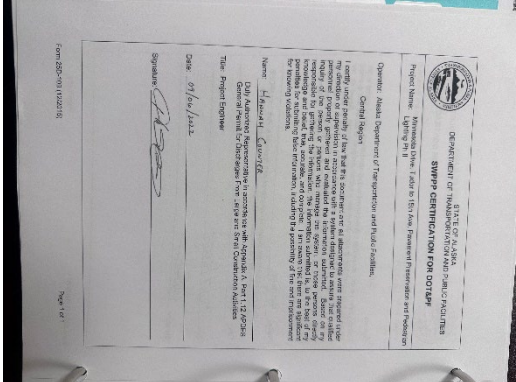
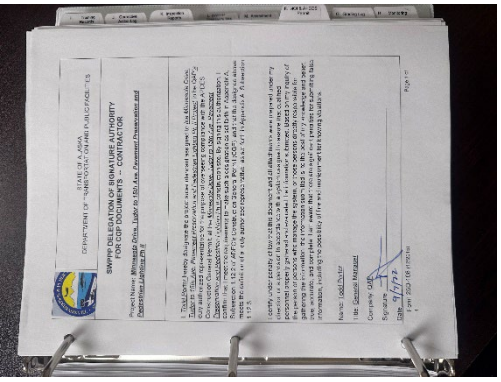
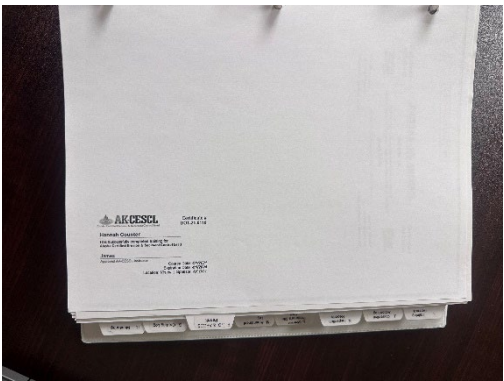
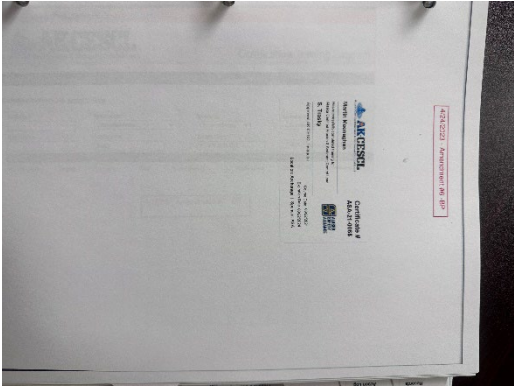


SWPPP Rainfall Log

**Photo 36**



CGP copy

<b>Photo Addendum</b>	
<b>Photo 37</b>	<b>Photo 38</b>
	
SWPPP binder	Site maps
<b>Photo 39</b>	<b>Photo 40</b>
	
SWPPP certification	SWPPP delegation QAP
<b>Photo 41</b>	<b>Photo 42</b>
	
CESCL Certification Hannah Counter, ADOT&PF	CESCL Certification Martin Meenaghan, QAP