Construction Stormwater Permit Noncompliance Form

24 Hour Notification Form

This form is for the notification of noncompliance related to the COR400000 Construction Stormwater General Permit. For the circumstances below:

Circumstances leading to any noncompliance which may endanger health or the environment regardless of the cause of the incident;

Circumstances leading to any unanticipated bypass which exceeds any effluent limitations in the permit;

Circumstances leading to any upset which causes an exceedance of any effluent limitation in the permit;

Daily maximum violations for any of the pollutants limited by Part I of this permit. This includes any toxic pollutant or hazardous substance or any pollutant specifically identified as the method to control any toxic pollutant or hazardous substance.

The division may waive the written report required under subparagraph 6 of this section if the oral report has been received within 24 hours.

Reporting Entity Information

Permit Certification Number* COR419466

Contact Name* Derek Simpson Phone Number * 303-339-6245

Organization * Alcorn Construction Email Address* dsimpson@alcornci.com

Address* 12081 West Alameda Parkway, #510 Lakewood, CO 80226

Permitee Information

🗹 Same as Above

Contact Name Derek Simpson Phone Number 303-339-6245

Organization Alcorn Construction Email Address dsimpson@alcornci.com

Address 12081 West Alameda Parkway, #510 Lakewood, CO 80226 Date and Time of Event* 06/08/2023 08:45:00 PM Address or Latitude/Longitude Where Event Took Place* 8001 South Chambers Road Centennial CO 80112 Arapahoe County Latitude 39.57046 Longitude -104.8206

What material was discharged? How much? Where did it come from? What caused the discharge? What waterway was impacted? Please provide a general description of the event. If the discharge included domestic wastewater, oily substances, or other materials that could potential impact downstream drinking water or other uses, in addition to completing this form, immediately report this incident to the Spill Reporting Line (1-877-518-5608) so timely notification and response can be provided* Sediment laden stormwater was discharged from a partially completed temporary detention basin. The cause of the discharge was from a storm event beginning at approximately 8:45PM which produce between .70" and 1.25" of rain and hail. The compacted berm of the partially completed temporary detention basin was over-topped and storm flows subsequently over-topped the wire backed silt fence at the perimeter. Stormwater, potentially containing sediment, left this permitted area and travels through the adjacent construction project to Dove Creek. No sediment accumulation was apparent

5 Day Report Form

This form is for the notification of noncompliance related to the COR400000 Construction Stormwater General Permit. For the circumstances below:

Circumstances leading to any noncompliance which may endanger health or the environment regardless of the cause of the incident;

Circumstances leading to any unanticipated bypass which exceeds any effluent limitations in the permit;

Circumstances leading to any upset which causes an exceedance of any effluent limitation in the permit;

Daily maximum violations for any of the pollutants limited by Part I of this permit. This includes any toxic pollutant or hazardous substance or any pollutant specifically identified as the method to control any toxic pollutant or hazardous substance.

The division may waive the written report required under subparagraph 6 of this section if the oral report has been received within 24 hours.

Tips

Don't open multiple copies of this web form. If you're having issues, please make sure to close all other OnBase tabs in your browser.

If you'd like to review your submission, please open the TIFF file that's attached to your notification email.

For some fields your cursor may default to the end of the field. If you can't type, try using the backspace key first.

Report Validation

Please enter the Report ID and Permit Certification Number from your corresponding 24-hour report (received via email)

Permit Certification Number*	Report ID*
COR419466	13362869

How are you reporting today?*

I would like to fill out the 5-day report form below

I would like to upload an attachment of my 5-day report

Reporting Entity Information

Copy Info from 24 Hour Report

Contact Name* Derek Simpson Phone Number * 303-339-6245

Organization * Alcorn Construction Email Address* dsimpson@alcornci.com

Address * 12081 West Alameda Parkway, #510 Lakewood, CO 80226

Upload your 5 Day Report (1)

Attach Document <u>CDPHERM WTR Temporary Document - 6/13/2023</u>

Permittee Information

Same as Above

Copy Info from 24 Hour Report

Contact Name Derek Simpson Phone Number 303-339-6245

Organization Alcorn Construction Email Address dsimpson@alcornci.com

Address 12081 West Alameda Parkway, #510 Lakewood, CO 80226 Date and Time of Event* 06/08/2023 08:45:00 PM Address or Latitude/Longitude Where Event Took Place* 8001 South Chambers Road Centennial CO 80112 Arapahoe County Latitude 39.57046 Longitude -104.8206

What material was discharged? How much? Where did it come from? What caused the discharge? What waterway was impacted? Please provide a general description of the event. If the discharge included domestic wastewater, oily substances, or other materials that could potential impact downstream drinking water or other uses, in addition to completing this form, immediately report this incident to the Spill Reporting Line (1-877-518-5608) so timely notification and response can be provided Sediment laden stormwater was discharged from a partially completed temporary detention basin. The cause of the discharge was from a storm event beginning at approximately 8:45PM which produce between .70" and 1.25" of rain and hail. The compacted berm of the partially completed temporary detention basin was over-topped and storm flows subsequently over-topped the wire backed silt fence at the perimeter. Stormwater, potentially containing sediment, left this permitted area and travels through the adjacent construction project to Dove Creek. No sediment accumulation was apparent

What steps were taken to correct the incident?*

Upon discovery of the incident Alcorn Staff coordinated with the on-site excavation company and stormwater compliance thirdparty representatives. While the site was too muddy for most equipment to operate safely and/or to access with materials to complete the temporary detention basin, a plan was developed to reinforce the temporary structures discussed above. Each of the following steps were completed by the end of the working day on 6/9/2023.

- The perimeter wire back silt fence was cleaned and reinforced.
- Surface roughening on the northern 1/3rd of the site was reapplied.
- The berm along the upper terraced area was expanded to create a larger terraced area with increased ponding volume.
- The lower berm was repaired, expanded and compacted using tracked excavator.
- A temporary emergency overflow was established in this berm built to the following design:
- o A twelve-foot section of the berm was excavated to a depth of 6" lower than the berm's top elevation.
- o Geotextile fabric was placed through this section of the berm and extended through the site perimeter, across the

adjacent disturbed area and terminated at an under-road culvert that collects flows from Alcorn's permitted area. o The sides/edges of fabric were placed on the top of strawbales (South edge) and Filtrex (north edge) to form a defined channel.

o Three reinforced Filtrexx check dams were installed to reduce velocity and capture sediment during small releases.

What steps were taken to reduce the likelihood of this happening again?*

Upon discovery of the incident Alcorn Staff coordinated with the on-site excavation company and stormwater compliance thirdparty representatives. While the site was too muddy for most equipment to operate safely and/or to access with materials to complete the temporary detention basin, a plan was developed to reinforce the temporary structures discussed above. Each of the following steps were completed by the end of the working day on 6/9/2023.

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o The sides/edges of fabric were placed on the top of strawbales (South edge) and Filtrex (north edge) to form a defined channel.

Three reinforced Filtrexx check dams were installed to reduce velocity and capture sediment during small releases.

By clicking Submit I am certifying under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



To:	CDPHE Water Quality Control Division
From:	Derek Simpson, Senior Vice President, Alcorn Construction Inc
Date:	Date 6/13/2023
Re:	Construction Stormwater Permit Noncompliance 5-day Report Submittal Report ID: 13362869 Permit Certification Number COR419466

This report is a follow-up to the Construction Stormwater Permit Noncompliance initiated on Friday, June 9, 2023 for an instance of offsite discharge at the DV3 @ I.N.V. (Innovate @ Dove Valley) project.

Details of storm event and noncompliance event

- Event as recorded at the Centennial Airport:
 - Occurred in the evening hours of 6/8 /202.
 - o occurred between approximately 8:40 P.M. and 10:00 P.M.
 - Approximately 1.12" of a rain/hail mix
- Noncompliance discovered by Alcorn staff at Approximately 6:30AM on 6/9/2023
- During the event a temporary berm was breached and materials from this berm were dislodged.
- The bulk of the material from the breach appears to have slid down the hill (Approximately 5')
- This material was contained by the wire back silt fence at the perimeter of the property.
- While the wire back silt fence remained upright, an unknown amount of stormwater was released over the top of the wire back silt fence.
- While there is no evidence of sediment deposition outside the permitted area, it is apparent the stormwater flowed across the disturbed areas of the adjacent property.
- This stormflow was then comingled with flows from the adjacent property before discharging into the adjacent Dove Creek stream reach expansion project.
- Alcorn has no method of determining the volume of storm flows leaving the site.

Source of noncompliance event

Work on building a temporary detention basin began on the morning of 6/5/2023. Work was stopped that afternoon due to a rain and hail event. From that point forward the site remained too muddy to complete work on the detention basin. On 6/6/, 6/7, and 6/8 the following steps were taken to provide additional temporary control measures:

- The northern 2/3rds of the property were surface roughened using a disc plow.
- The footprint of the future detention basin was expanded with a temporary berm added to create a terraced area.
- Between this terraced area and the perimeter control an additional area was excavated and a berm was placed adjacent to the excavation to provide additional ponding area.

Despite these efforts, the storm flows of 6/8 were significant enough to fill both the upper terraced area and the lower detention and damaged the lower detention basin.

Actions taken to correct and reduce likelihood of recurrence.

 OFFICE
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 o 303.986.7900
 12081 W Alameda Pkwy #510

 RETAIL
 f 303.986.0272
 Lakewood, CO 80228



Upon discovery of the incident Alcorn Staff coordinated with the on-site excavation company and stormwater compliance third-party representatives. While the site was too muddy for most equipment to operate safely and/or to access with materials to complete the temporary detention basin, a plan was developed to reinforce the temporary structures discussed above. Each of the following steps were completed by the end of the working day on 6/9/2023.

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 - The sides/edges of fabric were placed on the top of strawbales (South edge) and Filtrex (north edge) to form a defined channel.
 - Three reinforced Filtrexx check dams were installed to reduce velocity and capture sediment during small releases.

Note on effectiveness and future actions

As of the date this report was written the site has received a minimum of 3 significant rainfall events. The control measures as described above has held and the emergency overflow has not been needed. Site activity remains limited until such time as the soils dry enough to being in materials. At that time the detention basin will be completed to design specifications. The lower berm and emergency overflow, while not part of the original design, will remain in place until such time as the are must be disturbed for other activities.