



Alcoa Badin picture document April 4, 2025



# SEDIMENTATION/CONSTRUCTION STORMWATER INSPECTION REPORT

North Carolina Department of Environmental Quality

Land Quality Section: 610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115,

Phone: (704)-663-1699

County: Stanly Project #: N/A Project: Alcoa Badin

Person Financially Responsible: Badin Business Park, LLC River basin: Yadkin-Peedee

Address: 201 Isabella St. Pittsburgh, PA 15212

1. Project location: 38001 NC 740 Hwy, Badin, NC 28009 First Inspection: ☐ Yes ☒ No

2. Weather & soil conditions: Choose Pictures: ☒ Yes ☐ No Video: ☐ Digital: ☒

3. Is site currently under notice of violation? ☐ Yes ☒ No

4. Is the site in compliance with S.P.C.A. and rules? ☒ Yes ☐ No If no, check violations below:

## 5. S.P.C.A. Violations:

- ☐ a. No approved plan, G.S. 113A-57 (4) and 15A NCAC 4B.0107(c)
- ☐ b. Failure to follow approved plan, G.S. 113A-57(5)
- ☐ c. Failure to submit revised plan, G.S. 113A-54.1(b) and 15A NCAC 4B.0118(a)
- ☐ d. Failure to provide adequate groundcover, G.S. 113A-57(3); 15A NCAC 4B.0107(b) or 15A NCAC 4B.0124(e)
- ☐ e. Insufficient measures to retain sediment on site, G.S. 113A-57(3)
- ☐ f. Failure to take all reasonable measures, 15A NCAC 4B.0105
- ☐ g. Inadequate buffer zone, G.S. 113A-57(1)
- ☐ h. Graded slopes and fills too steep, G.S. 113A-57(2) or 15A NCAC 4B.0124(d)
- ☐ i. Unprotected exposed slopes, G.S. 113A-57(2)
- ☐ j. Failure to maintain measures, 15A NCAC 4B.011
- ☐ k. Failure to self-inspect G.S. 113A-54.1(e) and 15A NCAC 4B.0131
- ☐ l. Other:

6. Is the site in compliance with NPDES Permit NCG 010000? ☒ Yes ☐ No ☐ Not Applicable

If no, check violations below:

- ☐ m. Discharge without a permit, G.S. 143-215.1(a) and 15A N.C.A.C. 02H .0126
- ☐ n. Failure to develop or adhere to approved plan, NCG 010000, Part I
- ☐ o. Failure to manage construction site pollutants, NCG 010000 Part II, F
- ☐ p. Failure to provide ground stabilization, NCG 010000 Part II, E
- ☐ q. Failure to meet self-inspection, reporting and record-keeping requirements, NCG 010000, Part III
- ☐ r. Failure to install and maintain BMP's, NCG 010000 Part II, G.2-3
- ☐ s. Failure to dewater sediment basin from surface, NCG 010000, Part II, B.8 or G.4
- ☐ t. Bypass of stormwater control facilities, NCG 010000, Part II, G.5-6
- ☐ u. Other:

7. Has sedimentation damage occurred: ☒ Since last inspection ☐ at 1<sup>st</sup> inspection? ☐ Yes ☒ No

If yes, where? (check all that apply):

☐ Lake/natural watercourse on the tract, ☐ Lake/natural watercourse off the tract, ☐ Other property

Description:

Stormwater Discharge Outfall with sediment loss:

Degree of damage: ☐ Slight ☐ Moderate ☐ Severe

8. Contact made with: Gray Keene Title: Superintendent

Date Inspection report sent to financially responsible party:

Report by: Lily Kay Others present:

Date of inspection: 06/05/2025

Time arriving on site: 11:40 am

Time leaving site: 12:00 pm

cc:

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## 9. Corrective actions needed:

## 10. Comments:

The only exposed sediment was from hauling traffic and was well less than a half acre in size. Building 2 was being demolished at the time of inspection and Building 1 was still intact.



Inside the south side of Building 1



North side of Building 1



Scrap metal from Building 2 being loaded out.



Silt sacks installed in yard inlets.



Demolished building materials on the south side of the project.



A view of the southwest side of the project.



A view of the project from the west facing south.



A view from the west looking east.



A view from the west facing north.



Exposed sediment from hauling traffic.



Exposed sediment from hauling traffic.

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Address: 201 Isabella St. Pittsburgh, PA 15212

1. Project location: 38001 NC 740 Hwy, Badin, NC 28009 First Inspection: ☐ Yes ☒ No

2. Weather & soil conditions: Choose Pictures: ☒ Yes ☐ No Video: ☐ Digital: ☒

3. Is site currently under notice of violation? ☐ Yes ☒ No

4. Is the site in compliance with S.P.C.A. and rules? ☒ Yes ☐ No If no, check violations below:

## 5. S.P.C.A. Violations:

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- ☐ f. Failure to take all reasonable measures, 15A NCAC 4B.0105
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- ☐ j. Failure to maintain measures, 15A NCAC 4B.011
- ☐ k. Failure to self-inspect G.S. 113A-54.1(e) and 15A NCAC 4B.0131
- ☐ l. Other:

6. Is the site in compliance with NPDES Permit NCG 010000? ☒ Yes ☐ No ☐ Not Applicable

If no, check violations below:

- ☐ m. Discharge without a permit, G.S. 143-215.1(a) and 15A N.C.A.C. 02H .0126
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- ☐ p. Failure to provide ground stabilization, NCG 010000 Part II, E
- ☐ q. Failure to meet self-inspection, reporting and record-keeping requirements, NCG 010000, Part III
- ☐ r. Failure to install and maintain BMP's, NCG 010000 Part II, G.2-3
- ☐ s. Failure to dewater sediment basin from surface, NCG 010000, Part II, B.8 or G.4
- ☐ t. Bypass of stormwater control facilities, NCG 010000, Part II, G.5-6
- ☐ u. Other:

7. Has sedimentation damage occurred: ☒ Since last inspection ☐ at 1<sup>st</sup> inspection? ☐ Yes ☒ No

If yes, where? (check all that apply):

☐ Lake/natural watercourse on the tract, ☐ Lake/natural watercourse off the tract, ☐ Other property

Description:

Stormwater Discharge Outfall with sediment loss:

Degree of damage: ☐ Slight ☐ Moderate ☐ Severe

8. Contact made with: Gray Keene Title: Superintendent

Date Inspection report sent to financially responsible party:

Report by: Lily Kay Others present:

Date of inspection: 06/24/2025

Time arriving on site: 2:00 pm

Time leaving site: 2:30 pm

cc:

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## 9. Corrective actions needed:

## 10. Comments:

The only exposed sediment was from hauling traffic and was less than 200 square feet. Building 2 was being demolished at the time of inspection and Building 1 was still intact. Dust was observed from cleaning the concrete, but the dust was all contained on site and the superintendent stops work if dust is blown toward the rail line.



Stormwater remediation system



Concrete dust sweepings



The only exposed sediment along the haul road.

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6. Is the site in compliance with NPDES Permit NCG 010000? ☒ Yes ☐ No ☐ Not Applicable

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Description:

Stormwater Discharge Outfall with sediment loss:

Degree of damage: ☐ Slight ☐ Moderate ☐ Severe

8. Contact made with: Gray Keene Title: Superintendent

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Report by: Lily Kay Others present:

Date of inspection: 06/24/2025

Time arriving on site: 2:00 pm

Time leaving site: 2:30 pm

cc:

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## 9. Corrective actions needed:

## 10. Comments:

The only exposed sediment was from hauling traffic and was less than 200 square feet. All large buildings have been demolished and one small sheet metal building was being torn down at the time of inspection. The C&D waste, concrete waste and scrap metal were being removed and properly disposed. A couple of the concrete runs on the south side have been cleaned of dust and residue.













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If yes, where? (check all that apply):

☐ Lake/natural watercourse on the tract, ☐ Lake/natural watercourse off the tract, ☐ Other property

Description:

Stormwater Discharge Outfall with sediment loss:

Degree of damage: ☐ Slight ☐ Moderate ☐ Severe

8. Contact made with: Gray Keene Title: Superintendent

Date Inspection report sent to financially responsible party:

Report by: Lily Kay Others present:

Date of inspection: 08/14/2025

Time arriving on site: 1:30 pm

Time leaving site: 1:50 pm

cc:

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## 9. Corrective actions needed:

## 10. Comments:

All buildings have been demolished and the last of the demolition debris were being hauled offsite at the time of inspection. The onsite representative stated that the project is set to be completed by the end of next week.



All buildings have been removed.



All buildings have been removed.



All buildings have been removed.



All buildings have been removed.