

*Dit document bevat rekenresultaten van AERIUS Calculator. Het betreft de hoogst berekende stikstofbijdragen per stikstofgevoelig Natura 2000-gebied, op basis van rekenpunten die overlappen met habitattypen en/of leefgebieden die aangewezen zijn in het kader van de Wet natuurbescherming, gekoppeld aan een aangewezen soort, of nog onbekend maar mogelijk wel relevant.*

*De berekening op basis van stikstofemissies gaat uit van de componenten ammoniak (NH<sub>3</sub>) en/of stikstofoxide (NO<sub>x</sub>).*

*Wilt u verder rekenen of gegevens wijzigen? Importeer de pdf dan in Calculator. Voor meer toelichting verwijzen wij u naar de website [www.aerius.nl](http://www.aerius.nl).*

## Calculation Situation 1

- ▶ Characterization
- ▶ Emission recap
- ▶ Deposition results
- ▶ Emission details

Further explanation of this PDF can be found in a corresponding reading guide. This reading guide and other documentation can be accessed via:  
<https://www.aerius.nl/handleidingen-en-leeswijzers>.

# AERIUS CALCULATOR

## Contact

| Legal entity               | Facility Location             |
|----------------------------|-------------------------------|
| Wageningen Marine Research | Korringaweg 7, 4401NT Yerseke |

## Activity

| Description                                   | AERIUS reference |
|---|------------------|
| Effect nieuwe mosselpercelen op vispopulaties | RcAEPQMdcM7N     |

| Calculation date    | Calculation year | Calculation options         |
|---------------------|------------------|-----------------------------|
| 27 July 2020, 14:22 | 2020             | Calculated for nature areas |

## Total emission

| Situation 1     |            |
|-----------------|------------|
| NOx             | 65.79 kg/y |
| NH <sub>3</sub> | -          |

## Results

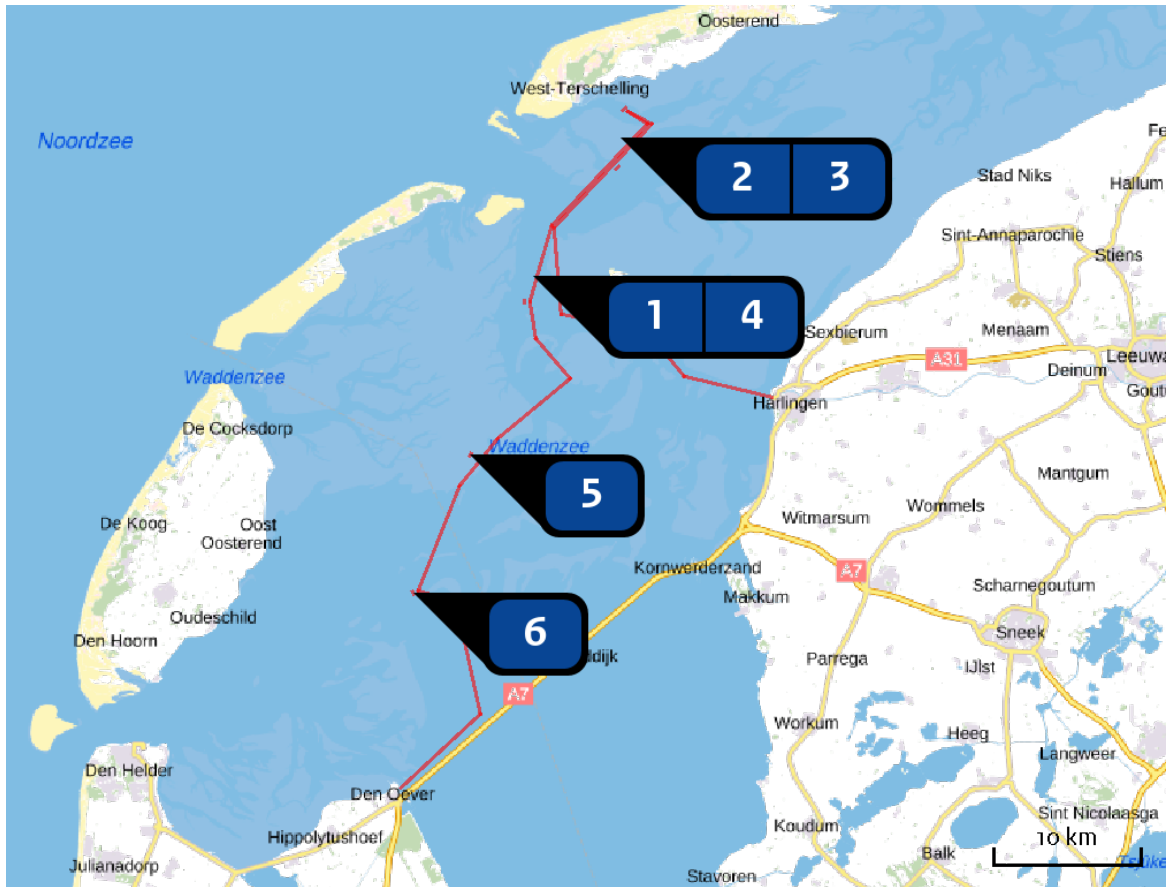
Hectare with highest contribution (mol/ha/y)

| Nature area   |
|---|
| Uw berekening heeft geen depositieresultaten opgeleverd boven 0,00 mol/ha/jr. |







## Clarification

Het uitvoeren van een bemonstering met een mosselkor (met omhullingskuil) op een aantal locaties (nieuwe percelen) in de Waddenzee

Location  
Situation 1



Emission  
Situation 1

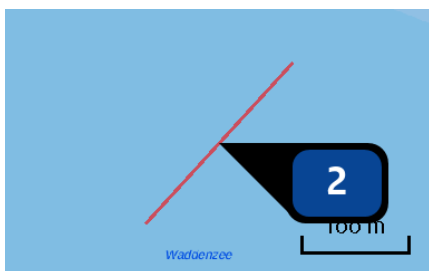
| Source Sector  |  | Emission NH <sub>3</sub> | Emission NO <sub>x</sub> |
|--|--|--------------------------|--------------------------|
| <b>1</b>  | Source 1<br>Shipping   Maritime shipping: Maritime route | -                        | 65.07 kg/y               |
| <b>2</b>  | Source 2<br>Shipping   Maritime shipping: Maritime route | -                        | < 1 kg/y                 |
| <b>3</b>  | Source 3<br>Shipping   Maritime shipping: Maritime route | -                        | < 1 kg/y                 |
| <b>4</b>  | Source 4<br>Shipping   Maritime shipping: Maritime route | -                        | < 1 kg/y                 |
| <b>5</b>  | Source 5<br>Shipping   Maritime shipping: Maritime route | -                        | < 1 kg/y                 |
| <b>6</b>  | Source 6<br>Shipping   Maritime shipping: Maritime route | -                        | < 1 kg/y                 |

Emission  
(by source)  
Situation 1



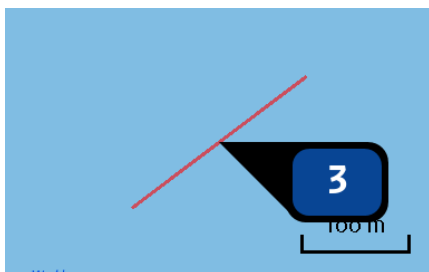
Name: Source 1  
Location (X,Y): 141293, 586745  
NOx: 65.07 kg/y

| Ship type                                  | Description  | Number of visits | Substance | Emission   |
|--|--------------|------------------|-----------|------------|
| Koelschepen en Vissersschepen GT: 100-1599 | Vissersschip | 1 / year         | NOx       | 65.07 kg/y |



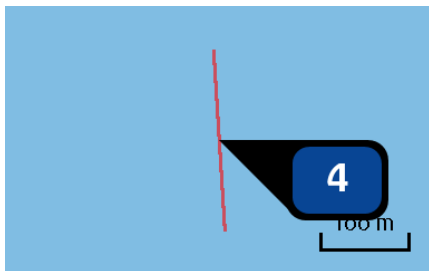
Name: Source 2  
Location (X,Y): 146750, 596439  
NOx: < 1 kg/y

| Ship type                                  | Description  | Number of visits | Substance | Emission |
|--|--------------|------------------|-----------|----------|
| Koelschepen en Vissersschepen GT: 100-1599 | Vissersschip | 1 / year         | NOx       | < 1 kg/y |



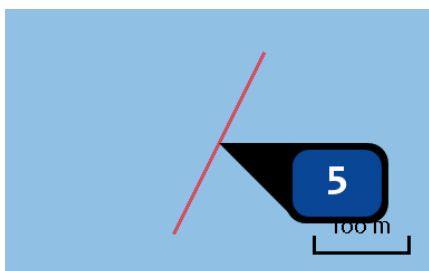
Name: Source 3  
Location (X,Y): 146266, 592433  
NOx: < 1 kg/y

| Ship type                                  | Description  | Number of visits | Substance | Emission |
|--|--------------|------------------|-----------|----------|
| Koelschepen en Vissersschepen GT: 100-1599 | Vissersschip | 1 / year         | NOx       | < 1 kg/y |



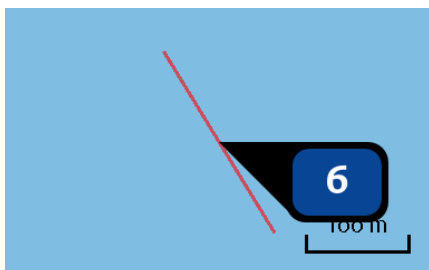
Name **Source 4**  
 Location (X,Y) **139929, 583335**  
 NOx **< 1 kg/y**

| Ship type                                  | Description  | Number of visits | Substance | Emission |
|--|--------------|------------------|-----------|----------|
| Koelschepen en Vissersschepen GT: 100-1599 | Vissersschip | 1 / year         | NOx       | < 1 kg/y |



Name **Source 5**  
 Location (X,Y) **136287, 572939**  
 NOx **< 1 kg/y**

| Ship type                                  | Description  | Number of visits | Substance | Emission |
|--|--------------|------------------|-----------|----------|
| Koelschepen en Vissersschepen GT: 100-1599 | Vissersschip | 1 / year         | NOx       | < 1 kg/y |



Name **Source 6**  
 Location (X,Y) **132423, 563564**  
 NOx **< 1 kg/y**

| Ship type                                  | Description  | Number of visits | Substance | Emission |
|--|--------------|------------------|-----------|----------|
| Koelschepen en Vissersschepen GT: 100-1599 | Vissersschip | 1 / year         | NOx       | < 1 kg/y |

## Disclaimer

Although the calculation is made with the utmost care, no responsibility will be taken with respect to the decisions taken based on the results of the calculation. The information provided can be used to substantiate a permit request. AERIUS accepts no responsibility for the content of information provided by third parties. The above data and corresponding results are valid till a new version of AERIUS is available. AERIUS is a registered trademark in Europe. All rights not expressly granted herein are reserved.

## References for calculations

This calculation is based on:

AERIUS [version 2019A\\_20200610\\_3aefc4c15b](#)

Database [version 2019A\\_20200610\\_3aefc4c15b](#)

For more information about the methodology and data see:

<https://www.aerius.nl/nl/factsheets/release/aerius-calculator-2019A>