

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 (NH₃) en/of stikstofoxide (NO_x).

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.

Calculation bouwfase Zonnepark Ruilverkavelingsweg

- ▶ 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:

www.aerius.nl.

AERIUS CALCULATOR

Contact

Legal entity

Facility Location

Kronos Solar

Ruilverkavelingsweg, 6 Neede

Activity

Description

AERIUS reference

Zonnepark Ruilverkavelingsweg

RYBMz3CPVwwq

Calculation date

Calculation year

Calculation options

29 October 2019, 12:46

2019

Calculated for nature areas

Total emission

Situation 1

NOx

122.92 kg/y

NH₃

< 1 kg/y

Results

Hectare with
highest
contribution
(mol/ha/y)

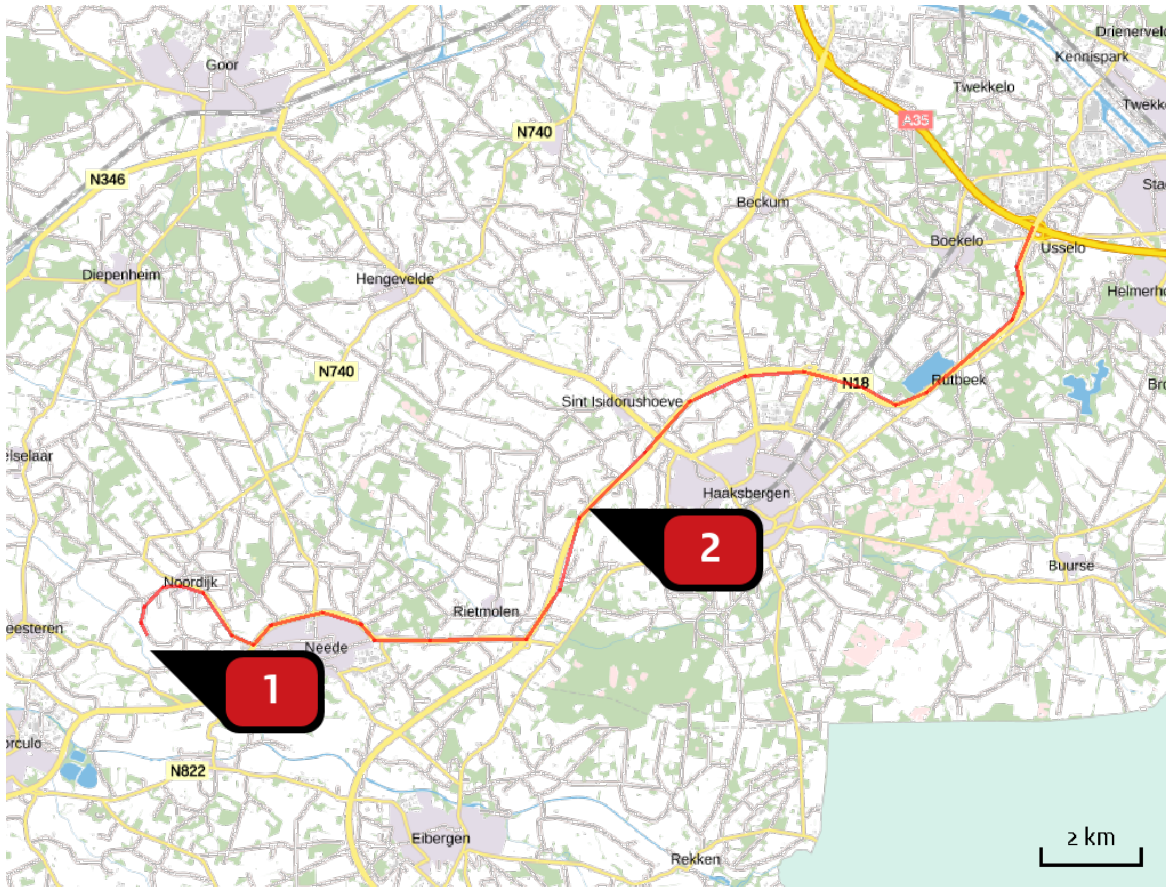
Nature area

Uw berekening heeft geen depositieresultaten opgeleverd boven 0,00 mol/ha/jr.



Clarification

N-depositie ten gevolge van de aanlegfase van het zonnepark Ruilverkavelingsweg

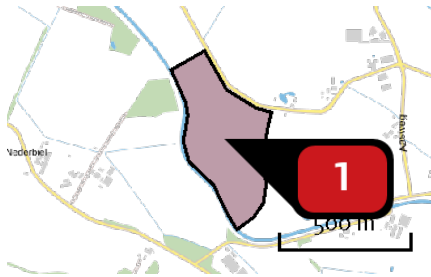
Location
 bouwfase
 Zonnepark
 Ruilverkavelingsweg



Emission
 bouwfase
 Zonnepark
 Ruilverkavelingsweg

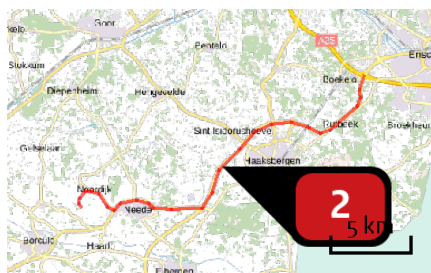
Source Sector		Emission NH ₃	Emission NO _x
1 	dieselmaterieel bouwfase Mobile equipment Construction and Industry	-	91.73 kg/y
2 	Transport Road transportation Non-urban roads	< 1 kg/y	31.19 kg/y

Emission
(by source)
bouwfase
Zonnepark
Ruilverkavelingsweg



Name **dieselmaterieel bouwfase**
Location (X,Y) **235471, 461290**
NOx **91.73 kg/y**

Vehicle	Description	Fuel (l/y)	Emission height (m)	Spread (m)	Heat content (MW)	Substance	Emission
CST	Laadschoppen		4.0	4.0	0.1	NOx	41.70 kg/y
CST	Generator		4.0	4.0	0.0	NOx	16.90 kg/y
CST	Graafmachine		4.0	4.0	0.1	NOx	3.35 kg/y
CST	Hijskraan		4.0	4.0	0.1	NOx	< 1 kg/y
CST	Verreiker		4.0	4.0	0.1	NOx	28.33 kg/y
CST	Ramming machine		4.0	4.0	0.1	NOx	1.05 kg/y



Name **Transport**
Location (X,Y) **244260, 464126**
NOx **31.19 kg/y**
NH3 **< 1 kg/y**

Type	Vehicle	Number of vehicles	Substance	Emission
Standard	Heavy Freight	1.0 / day	NOx NH3	31.19 kg/y < 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 2019_20191018_c53b8fdaa8

Database version b429880a81

For more information about the methodology and data see:

<https://www.aerius.nl/nl/factsheets/uitleg>