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From: Secretary-General of the European Commission,
signed by Mr Jordi AYET PUIGARNAU, Director

date of receipt: 4 May 2018

To: Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of
the European Union

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Subject: COMMISSION STAFF WORKING DOCUMENT
Accompanying the document Report from the Commission to the Council
and the European Parliament on the implementation of Council Directive
91/676/EEC concerning the protection of waters against pollution caused
from agricultural sources based on Member State reports for the period
2012-2015

Delegations will find attached document SWD(2018) 246 final - Part 4/9.

Encl.: SWD(2018) 246 final - Part 4/9



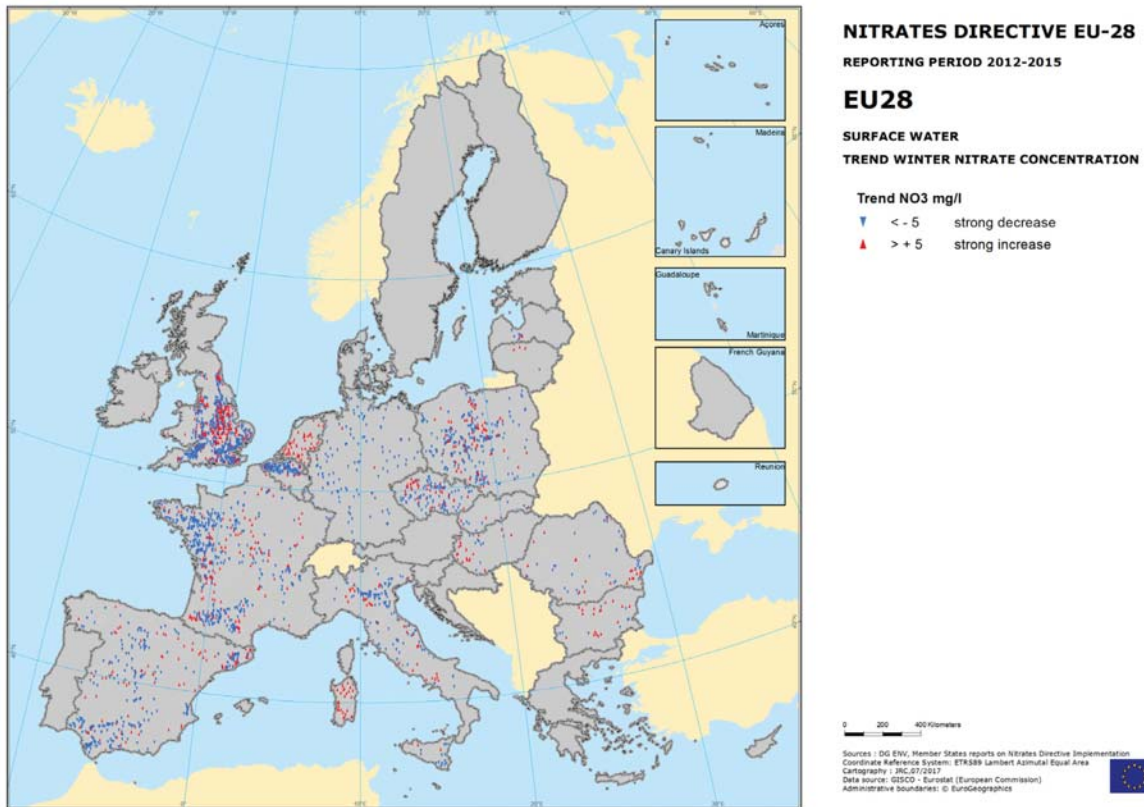
Brussels, 4.5.2018
SWD(2018) 246 final

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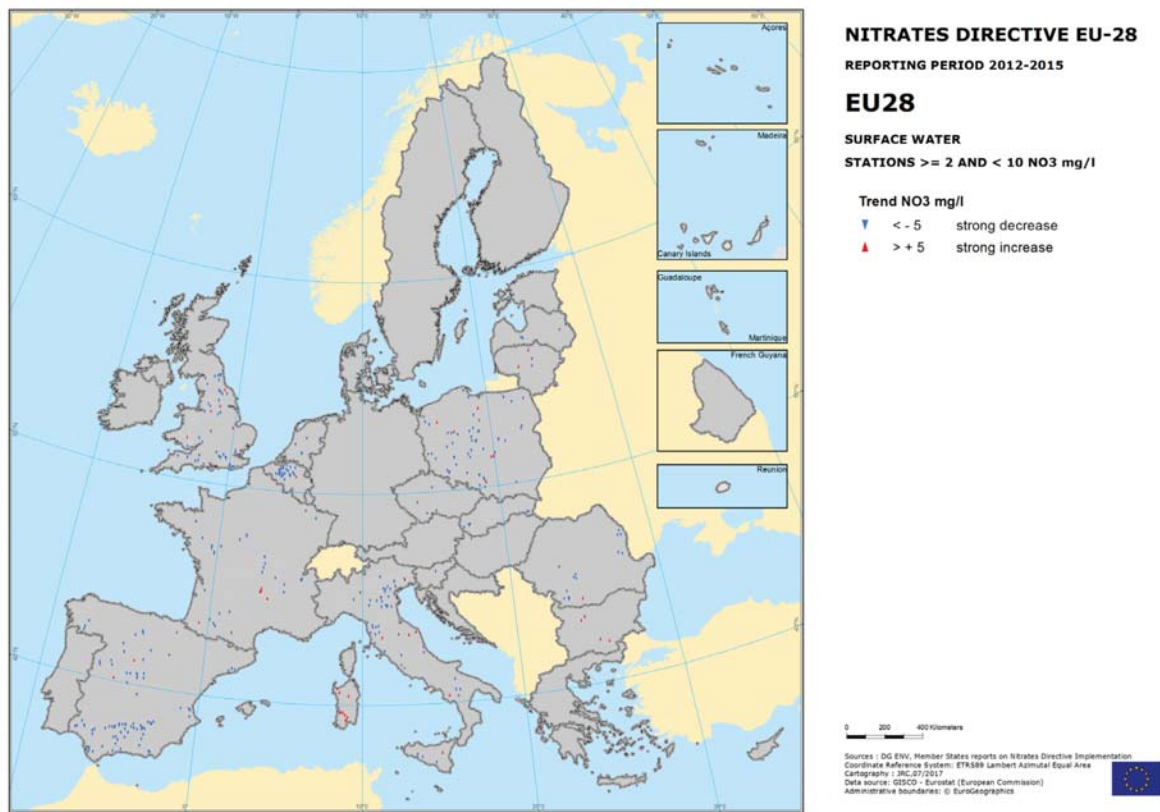
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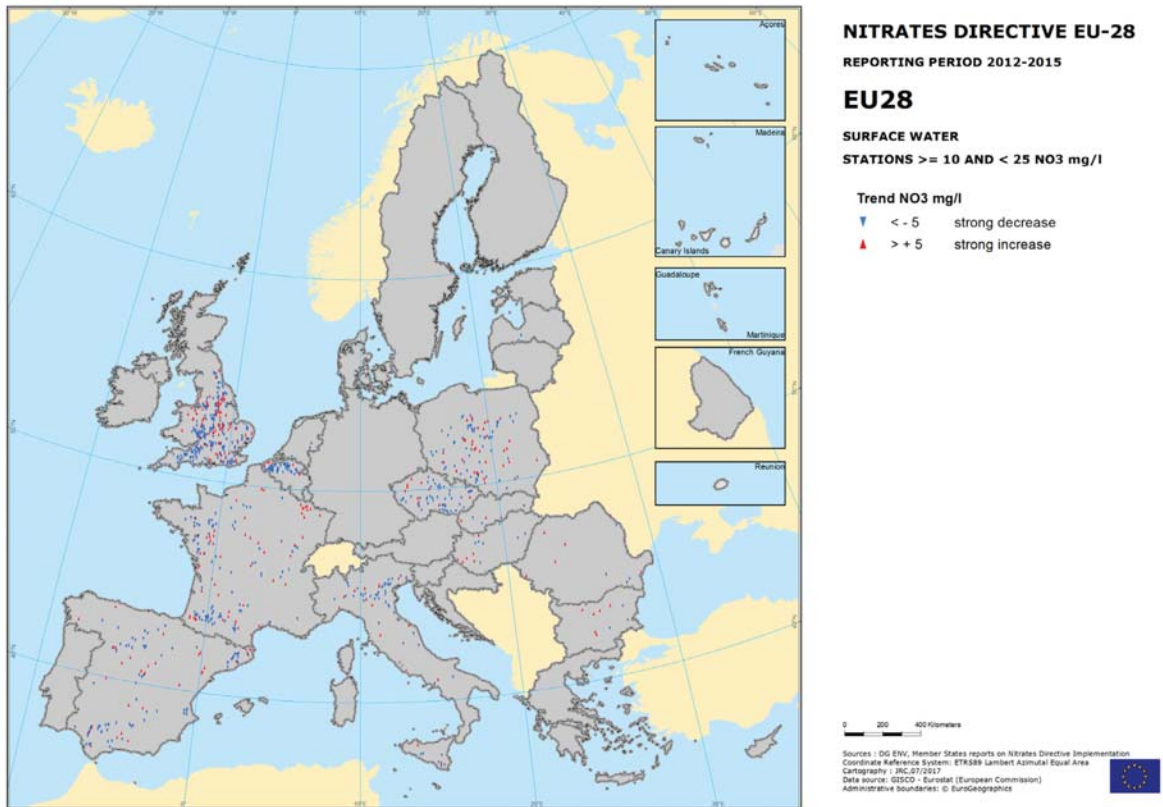
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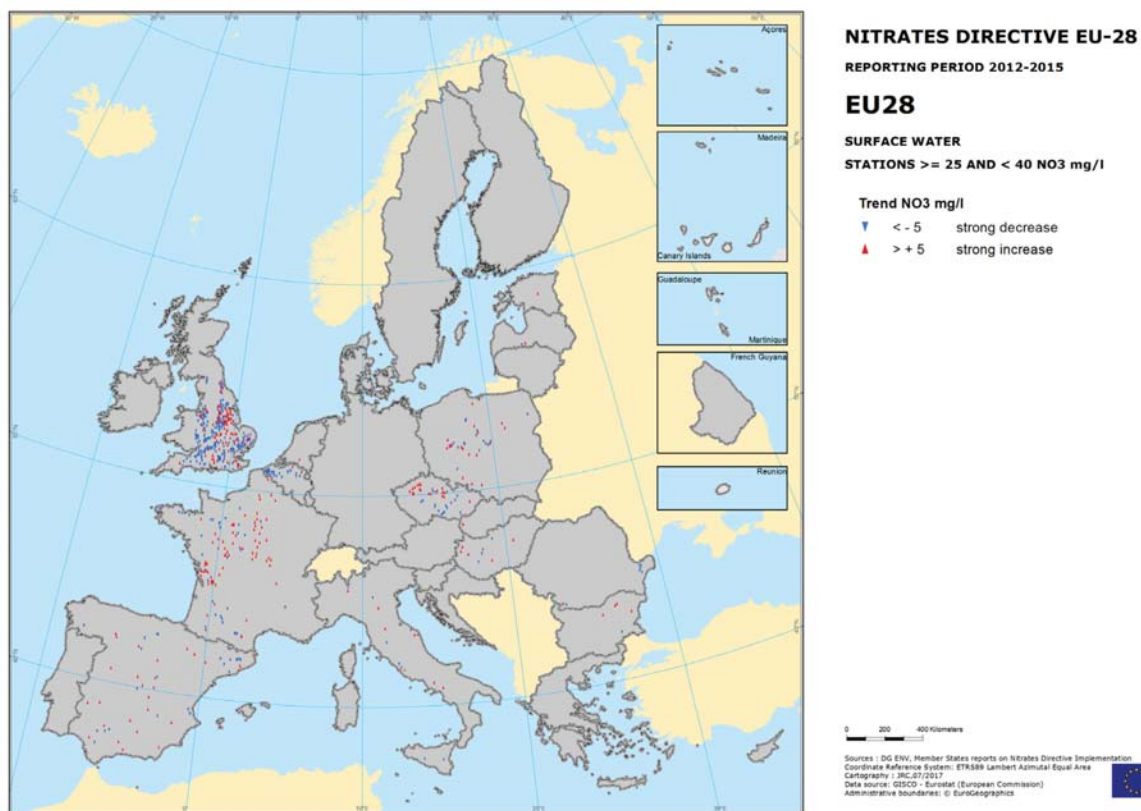
Map 13. Trends in winter average nitrate concentrations in surface water between the reporting periods 2008-2011 and 2012-2015.



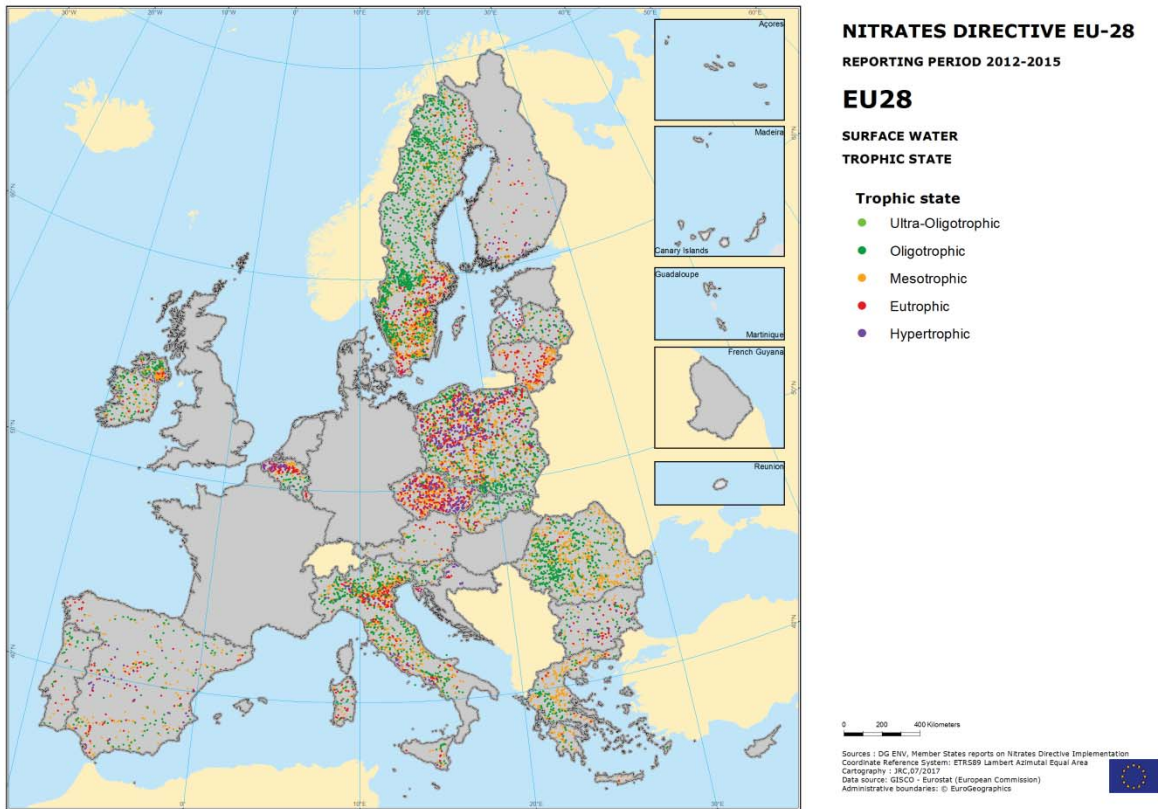
Map 14. Trends in annual average nitrate concentrations in surface water between the reporting periods 2008-2011 and 2012-2015 for stations with an average annual nitrate concentration between 2 and 10 mg/L in 2012-2015.



Map 15. Trends in annual average nitrate concentrations in surface water between the reporting periods 2008-2011 and 2012-2015 for stations with an average annual nitrate concentration between 10 and 25 mg/L in 2012-2015.



Map 16. Trends in annual average nitrate concentrations in surface water between the reporting periods 2008-2011 and 2012-2015 for stations with an average annual nitrate concentration between 25 and 40 mg/L in 2012-2015.



Map 17. Trophic status in surface waters for the reporting period 2012-2015.

	2008-2011				2012-2015			
	<25	25-40	40-50	>=50	<25	25-40	40-50	>=50
AT	74.5	11.5	5.3	8.8	75.3	11.2	5.3	8.1
BE	60.4	14.7	7.1	17.9	61.5	15.3	7.3	15.9
BG	57.3	16.7	8.0	18.1	58.6	14.5	8.1	18.7
CY	75.8	6.6	2.5	15.2	73.9	5.7	3.0	17.4
CZ	75.8	8.0	3.9	12.3	76.2	8.4	3.9	11.6
DE	48.1	15.3	8.5	28.1	49.2	14.5	8.3	28.0
DK	68.6	9.3	6.0	16.1	67.3	9.5	6.7	16.6
EE	54.2	23.6	8.4	13.8	79.2	11.4	5.2	4.2
EL	62.4	11.4	6.8	19.5	66.0	12.4	6.0	15.5
ES	57.5	13.1	6.3	23.1	59.0	12.9	6.6	21.5
FI	98.7	1.3	0.0	0.0	96.3	2.1	1.1	0.5
FR	51.0	25.1	12.0	12.0	49.9	24.8	12.9	12.4
HR		N.A.			77.8	19.0	0.8	2.4
HU	87.7	4.0	1.3	6.9	87.8	3.5	1.6	7.1
IE	86.7	10.9	2.4	0.0	86.8	12.2	1.0	0.0
IT	68.8	13.1	5.8	12.3	72.0	12.3	4.6	11.1
LT	93.5	3.2	0.0	3.2	93.8	3.1	1.5	1.5
LU	40.0	35.0	10.0	15.0	35.0	40.0	10.0	15.0
LV	95.4	2.9	0.6	1.2	96.0	1.5	0.5	2.0
MT	2.4	9.8	17.1	70.7	4.9	12.2	12.2	70.7
NL	77.8	6.5	3.2	12.5	78.9	6.1	3.3	11.8
PL	87.0	5.0	2.9	5.2	85.8	6.3	2.4	5.6
PT	64.5	11.6	3.5	20.4	67.6	11.0	3.4	17.9
RO	76.5	8.3	3.8	11.5	74.3	7.7	2.4	15.6
SE	98.2	0.9	0.6	0.3	96.6	1.6	0.9	0.9
SI	78.8	6.7	6.7	7.7	72.7	11.1	4.5	11.6
SK	75.1	10.0	3.8	11.0	73.1	10.7	3.4	12.8
UK	61.7	17.4	6.9	14.0	61.8	18.0	7.6	12.6
EU	67.5	12.6	5.8	14.1	68.7	12.4	5.7	13.2

Table 4. Percentage of groundwater monitoring points per water quality class (annual average nitrate concentration in mg nitrate per L) for all stations of the EU 28 Member States for the period 2008-2011 and 2011-2015.

	2008-2011						2012-2015					
	< 2	2-10	10-25	25-40	40-50	>=50	< 2	2-10	10-25	25-40	40-50	>=50
AT	21.1	54.1	22.9	1.8	0.0	0.0	23.1	50.9	25.9	0.0	0.0	0.0
BE	5.2	27.6	37.6	16.8	5.6	7.1	6.6	32.0	37.5	15.4	3.6	4.9
BG	24.9	57.0	14.8	2.6	0.3	0.3	28.3	51.3	14.8	5.0	0.3	0.3
CY	10.0	50.0	40.0	0.0	0.0	0.0	15.4	61.5	23.1	0.0	0.0	0.0
CZ	0.2	13.5	57.6	24.0	2.6	2.1	1.7	29.5	50.2	14.4	2.1	2.0
DE	15.8	23.4	57.1	3.6	0.0	0.0	1.2	31.1	63.1	4.6	0.0	0.0
DK	31.1	15.5	37.3	14.3	1.2	0.6	37.9	13.6	36.7	10.2	1.1	0.6
EE	57.2	32.4	9.7	0.7	0.0	0.0	43.8	43.5	11.7	0.9	0.0	0.0
EL	45.7	44.8	9.5	0.0	0.0	0.0	84.1	15.7	0.2	0.0	0.0	0.0
ES	37.0	42.9	14.5	3.4	0.9	1.3	37.1	43.7	13.6	3.6	0.9	1.1
FI	66.7	33.3	0.0	0.0	0.0	0.0	66.5	32.3	1.2	0.0	0.0	0.0
FR	9.9	37.8	35.7	13.1	2.3	1.2	9.2	35.8	37.3	13.9	2.6	1.2
HR			N.A.				7.8	71.9	9.4	9.4	0.0	1.6
HU	13.5	49.9	27.0	7.0	1.0	1.5	15.3	42.1	29.4	9.6	2.1	1.5
IE	48.4	35.3	15.5	0.8	0.0	0.0	51.2	32.7	15.4	0.8	0.0	0.0
IT	25.3	52.0	19.5	2.6	0.3	0.2	24.3	56.4	16.5	2.3	0.3	0.2
LT	63.6	29.9	6.5	0.0	0.0	0.0	69.7	25.0	4.7	0.6	0.0	0.0
LU	0.0	6.3	68.8	25.0	0.0	0.0	0.0	0.0	75.0	25.0	0.0	0.0
LV	52.8	40.4	4.7	2.1	0.0	0.0	59.9	34.2	4.5	0.9	0.5	0.0
MT	28.6	14.3	14.3	0.0	0.0	42.9	0.0	40.0	0.0	0.0	0.0	60.0
NL	60.6	38.3	1.1	0.0	0.0	0.0	21.9	53.8	19.9	3.3	0.6	0.6
PL	24.4	50.8	20.5	2.7	0.8	0.9	26.2	50.5	19.4	2.4	0.7	0.8
PT	63.0	33.6	3.4	0.0	0.0	0.0	61.0	35.7	3.2	0.0	0.0	0.0
RO	22.7	70.4	5.3	0.8	0.3	0.5	34.6	58.2	5.3	1.2	0.2	0.5
SE	77.0	18.7	4.3	0.0	0.0	0.0	95.9	3.1	0.8	0.2	0.0	0.0
SI	7.2	89.2	2.9	0.7	0.0	0.0	8.1	88.2	3.7	0.0	0.0	0.0
SK	1.9	79.0	17.0	1.4	0.4	0.4	1.2	79.5	17.4	1.2	0.2	0.6
UK	11.7	30.5	27.3	18.8	5.7	6.0	10.8	29.2	31.6	18.7	4.9	4.7
EU	21.3	41.2	23.3	9.3	2.4	2.4	27.2	36.9	23.2	8.8	2.0	1.8

Table 5. Percentage of fresh surface water monitoring points per water quality class (annual average nitrate concentration in mg nitrate per L) for all stations of the EU 28 Member States for the period 2008-2011 and 2011-2015.