

**Template for summary reports in accordance with article 7 of the
Protocol on Water and Health
adopted by the Meeting of the Parties at its second session
(Bucharest, 23-25 November 2010)**

Part One

General aspects

1. Were targets and target dates established in your country in accordance with article 6 of the Protocol?

YES NO IN PROGRESS

2. Were they published and, if so, how?

The targets are published in the national legislation for drinking water and surface waters related to the WFD. The targets according Art. 6 of the protocol are submitted to the secretariat.

3. Has your country established national or local arrangements for coordination between competent authorities for setting targets? If so please describe, including information on which public authority(ies) took the leadership and coordinating role, which public authorities were involved and how coordination was ensured.

No, there are no arrangements between authorities especially for the targets of the Protocol.

4. Which existing national and international strategies and legislation were taken into account?

National and international strategies are related with the legislation on drinking water (DWD 98/83 EU) and the WFD 2000/60. An example is the close cooperation with Germany and Belgium in the International Committees for the river Rhine and Meuse.

5. Was cost-benefit analysis of targets set performed, and if so how?

No cost-benefit analysis was performed especially for the targets set in the Protocol.

6. What has been done in your country to ensure public participation in the process of target setting in accordance with article 6, paragraph 2, and how was the outcome of public participation taken into account in the final targets set?

There is no specific public participation in the process of target setting. In general the public is involved about the drinking water quality by reports, websites of Water suppliers. They are informed by the health workers, the organisation for water suppliers to drink tap water instead of bottled water and

refreshments. They are informed about water savings and the water cycle also by the general media which show interest in the subject water.

7. Provide information on the process by which this report has been prepared, including information on which public authorities had the main responsibilities, which other stakeholders were involved, etc.

There is no specific report in this issue.

8. Report any particular circumstances that are relevant for understanding the report, e.g., whether there is a federal and/or decentralized decision-making structure, or whether financial constraints are a significant obstacle to implementation (if applicable).

Not available

9. Please describe whether and, if so, how emerging issues relevant to water and health (e.g., climate change) were taken into account in the process of target setting.

Studies on these subjects e.g. climate change, emerging substances, future development of the drinking water supply these all in relation with legislation a.o. the WFD are done by the National Institute for Public health and the environment in close collaboration with the stakeholders.

Again there is no direct relation with the target setting under the protocol.

Part Two

Common indicators¹

I. Quality of the drinking water supplied

A. Context of the data

Please provide general information related to the context of the data provided under sections B and C below:

1. What is the population coverage (in millions or per cent of total national population) of the water supplies reported under this indicator?

Answer Population 2011: 16,7 Million with 100% coverage for drinking water supply

2. Do the water supply systems reported here supply the urban population only or both the urban and rural populations?

Answer: they report both the urban and rural populations for their service area.

3. Specify where the samples/measurements are taken (e.g., treatment plant outlet, distribution system or point of consumption).

Drinking water suppliers take samples at the inlet of the surface and groundwater, treatment plant outlet, distribution system and point of use (consumers tap)

4. In the reports, the standards for compliance assessment signify the national standards. If national standards for reported parameters deviate from the WHO guideline values, provide information on the values (standards) used for calculation.²

Answer The national standards are implemented from the EU-DWD 98/83, some of the national standards have lower guideline values and several standards are added into the national legislation. Boron 0,5 mg/l, Bromate 5 µg/l (after disinfection), fluoride 1,1 mg/l, Trihalomethanes 25 µg/l, ammonium 0,2 mg/l, chloride 150 mg/l, conductivity 1250 µS cm⁻¹, sulphate 150 mg/l.

¹ In order to allow an analysis of trends for all Parties under the Protocol, please use wherever possible 2005 — the year of entry into force of the Protocol — as the baseline year.

² In order to ensure consistency and quality of the data sets resulting from sampling programmes, countries may wish to consider ensuring compliance with appropriate international standards for sampling programmes. Examples of such international standards are the ISO 5667 family of standards, in particular:

- 5667-1:2006 Guidance on the design of sampling programmes and sampling techniques;
- 5667-3:2003 Guidance on the preservation and handling of water samples;
- 5667-5:2006 Guidance on sampling of drinking water from treatment works and piped distribution systems;
- 5667-11:2009 Guidance on sampling of groundwaters.

B. Bacteriological quality

Indicator to be used: WatSan_S2: The percentage of samples that fail to meet the national standard for *E. coli* and the percentage of samples that fail to meet the national standard for *Enterococci*.

<i>WatSan_S2</i>	<i>Baseline value (please specify the year)</i>	<i>Current value (please specify the year)</i>
E. coli	0.05 (2007)	0.03 (2011)
Enterococci	0.16 (2007)	0.20 (2011)*

* only 1 non-compliance is in the network (500 samples) and none at the treatment plant outlet.

C. Chemical quality

Indicator to be used: WatSan_S3. All countries shall monitor and report on the percentage of samples that fail to meet the national standard for chemical water quality with regard to the following (2011):

- Fluoride; 0%
- Nitrate and nitrite;³ 0%
- Arsenic; 0%
- Lead; 0% (RDT-sampling Standard 10 µg/l)
- Iron. 0.15%

Parties shall also identify five additional physico-chemical parameters that are of special concern in their national or local situation (e.g., pesticides).

Substance	Baseline value (please specify the year)	Current value (please specify the year)
Fluoride	0 (2005)	0 (2011)
Nitrate and nitrite	0 (2005)	0 (2011)
Arsenic⁴	0 (2005)	0 (2011)
Lead	0.04 (RDT-sampling Standard 10 µg/l) (2005)	0 (2011)
Iron	0.19 (2005)	0.15 (2011)
Additional chemical⁵ parameter 1: ____pesticides (ind.)_____	0.01 (2005)	0.00 (2011)

³ As defined in the WHO Guidelines for drinking-water quality.

⁴ If relevant for the country.

⁵ It is recommended to take into account new and emerging pressures such as climate change, or agriculture practices.

Substance	Baseline value (please specify the year)	Current value (please specify the year)
Additional chemical parameter 2: ____ Nitrite _____	0.07 (2005)	0.03 (2011)
Additional chemical parameter 3: ____ manganese _____	0.32 (2005)	0.09 (2011)
Additional chemical parameter 4: ____ sulphate _____	0 (2005)	0 (2011)
Additional chemical parameter 5: ____ pH _____	0.02 (2005)	0.01 (2011)

II. Reduction of the scale of outbreaks and incidence of infectious diseases potentially related to water

In filling out the following table, please specify if the numbers reported are related to all exposure routes or only related to water (in which there is epidemiological or microbiological evidence for water to have facilitated infection).⁶ The numbers are reported for all exposure routes, there is no outbreak reported for water).

	<i>Incidence</i>		<i>Number of outbreaks</i>	
	<i>Baseline (specify the year)</i>	<i>Current value (specify the year)</i>	<i>Baseline (specify the year)</i>	<i>Current value (specify the year)</i>
Cholera	5 (2008)	3 (2011)		0
Bacillary dysentery (shigellosis)	365 (2008)	714 (2011)		0
EHEC ^a	141 (2008)	842 (2011)		0
Viral hepatitis A	183 (2008)	120 (2011)		0
Typhoid fever	29 (2008)	16 (2011)		0

⁶ If possible, please distinguish between autochthonous and imported cases

^a Enterohaemorrhagic E. coli.

III. Access to drinking water

<i>Percentage of population with access to drinking water</i>	<i>Baseline value (specify the year)</i>	<i>Current value (specify the year)</i>
Total	100 (2005)	100 (2011)
Urban	100 (2005)	100 (2011)
Rural	100 (2005)	100 (2011)

Please specify how access to drinking water is defined and calculated in your country.

Access to drinking water is defined by the number of house connections available in the administration of all (10) water supply companies compared with the number of house addresses. Drinking water is available 24/7 under constant pressure.

The WHO/UNICEF⁷ Joint Monitoring Programme (JMP) for Water Supply and Sanitation defines access to water supply in terms of the types of technology and levels of service afforded. Access to water-supply services is defined as the availability of at least 20 litres per person per day from an “improved” source within 1 kilometre of the user’s dwelling. An “improved” source is one that is likely to provide “safe” water, such as a household connection, a borehole, a public standpipe or a protected dug well.

If your definition of access to drinking water from which the above percentages are calculated differs from that provided by the JMP, please provide the definition and describe your means of calculation.

IV. Access to sanitation

<i>Percentage of population with access to sanitation</i>	<i>Baseline value (specify the year)</i>	<i>Current value (specify the year)</i>
Total	100 (2008)	100 (2011)
Urban	100 (2008)	100 (2011)
Rural	100 (2008)	100 (2011)

⁷ United Nations Children’s Fund.

Please specify how access to sanitation is defined and calculated in your country.

In urban areas there are piped sewage systems for all premises, in rural areas with a distance to the central sewage system which is not affordable due to local sanitation plans all premises have their own small decentralized treatment facility.

V. Effectiveness of management, protection and use of freshwater resources

Water quality

On the basis of national systems of water classification, the percentage of the number of water bodies or the percentage of the volume (preferably) of water⁸ falling under each defined class (e.g., in classes I, II, III, etc. for non-EU countries; for EU countries, the percentage of surface waters of high, good, moderate, poor and bad ecological status, and the percentage of groundwaters/surface waters of good or poor chemical status).

For non-European Union Countries

Status of surface waters

<i>Percentage of surface water falling under class^a</i>	<i>Baseline value (specify the year)</i>	<i>Current value (specify the year)</i>
I		
II		
III		
IV		
V		
Total number/volume of water bodies classified		
Total number/volume of water bodies in the country		

^a Rename and modify the number of rows to reflect the national classification system.

Status of groundwaters

<i>Percentage of groundwaters falling under class^a</i>	<i>Baseline value (specify the year)</i>	<i>Current value (specify the year)</i>
I		
II		
III		
IV		
V		
Total number/volume of groundwater bodies classified		

⁸ Please specify.

Total number/volume of groundwater bodies in the country		
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^a Rename and modify the number of rows to reflect the national classification system.

For European Union countries**Ecological status of surface water bodies**

<i>Percentage of surface water classified as:</i>	<i>Baseline value (specify the year)</i>	<i>Current value (specify the year)</i>
High status		
Good status		
Moderate status		
Poor status		
Bad status		
Total number/volume of water bodies classified		
Total number/volume of water bodies in the country		

Chemical status of surface water bodies

<i>Percentage of surface water bodies classified as</i>	<i>Baseline value (specify the year)</i>	<i>Current value (specify the year)</i>
Good status		
Poor status		
Total number/volume of water bodies classified		
Total number/volume of water bodies in the country		

Status of groundwaters

<i>Percentage of groundwaters classified as</i>	<i>Baseline value (specify the year)</i>	<i>Current value (specify the year)</i>
Good quantitative status		
Good chemical status		
Poor quantitative status		
Poor chemical status		
Total number/volume of groundwater bodies classified		
Total number/volume of groundwater bodies in the country		

Please provide any needed information that will help put into context and aid understanding of the information provided above (e.g., coverage of information provided if not related to all water resources, how the quality of waters affects human health).

Water use

Please provide information on the water exploitation index at the national and river basin levels for each sector (agriculture, industry, domestic), i.e., the mean annual abstraction of freshwater by sector divided by the mean annual total renewable freshwater resource at the country level, expressed in percentage terms.

<i>Water exploitation index</i>	<i>Baseline value (specify the year)</i>	<i>Current value (specify the year)</i>
Agriculture		
Industry ^a		
Domestic use ^b		

^a Please specify whether the figure includes both water abstraction for manufacturing industry and for energy cooling.

^b Please specify whether the figure only refers to public water supply systems or also individual supply systems (e.g., wells).

Part Three

Targets and target dates set and assessment of progress

I. Quality of the drinking water supplied (art. 6, para. 2 (a))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer The target is to provide drinking water for the total population of a good quality (wholesome and clean), sufficient quantity and assurance of delivery. EU DWD 98/83 EC art 4. Dutch drinking water Act since 1957.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer In general the target has been reached by actions mentioned in this question.

3. Assess the progress achieved towards the target.

Answer The whole population has access to the drinking water system

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

Answer No

5. If you have not set a target in this area, please explain why.

II. Reduction of the scale of outbreaks and incidents of water-related disease (art. 6, para. 2 (b))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer For water-related disease caused by drinking water see Part three par II. For bathing water targets are set in the EU –Directive (2006/7EG) and the national legislation for bathing waters (WHBZ).

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer Actions according WFD (2006/60/EG) and national legislation on surface water quality since 1972.

3. Assess the progress achieved towards the target.

Answer In 2011 for inland waters 88% was of good quality as for swimming water and 98% of the coastal waters, according the EU directive 76/160/EEG.

Both in the old and the new Directive on swimming water there is no goal for cyanobacteria. This parameter causes problems with the quality at around 30 locations (2007) the variation in days when locations are closed is 10-145 per year. For this there is no registration system.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

Answer Current regulation WFD (2006/60/EG) and bathing water Directive (2006/7EG) and national directives.

5. If you have not set a target in this area, please explain why.

III. Access to drinking water (art. 6, para. 2 (c))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer The target is to provide drinking water for the total population of a good quality (wholesome and clean), sufficient quantity and assurance of delivery. EU DWD 98/83 EC art 4. Dutch drinking water Act since 1957.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer The total population has access to drinking water since around 1970.

3. Assess the progress achieved towards the target.

Answer The total population has access to drinking water since around 1970.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

Answer No

5. If you have not set a target in this area, please explain why.

IV. Access to sanitation (art. 6, para. 2 (d))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer This is included in the EU UWWT Directive and the WFD.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

Answer Only 1.4 % of the households have no connection to Wastewater Treatment Plants. Practically all of these households have individual treatment.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

V. Levels of performance of collective systems and other systems for water supply (art. 6, para. 2 (e))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer See part three nr I and III.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer See part three nr I and III. The owners of collective systems (in buildings) are responsible for the installations, drinking water is provided by the drinking water companies. The collective systems are controlled on safety aspects by the water companies. The quality of the drinking water at the tap has to fulfil the regulations. A part of the national legislation is related to the prevention of Legionella in collective systems.

3. Assess the progress achieved towards the target.

Answer The drinking water network is in such good shape that treated water typically is in no need to be chlorinated to prevent recontamination in the network, so that water reaches the consumer without a taste or smell of chlorine.

Since 1997 the Dutch water companies have engaged in a voluntary exercise to benchmark their performance against each other, in order to improve their efficiency and increase transparency covering four areas: water quality; service; environment; and finance and efficiency. Since 2011 (Drinking water Act) this process is legal for all water companies.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

No

5. If you have not set a target in this area, please explain why.

VI. Levels of performance of collective systems and other systems for sanitation (art. 6, para. 2 (e) continued)

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer Included in the EU UWWT Directive. Goal is reduction of N and P by 75%.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

VII. Application of recognized good practices to the management of water supply, (art. 6, para. 2 (f))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer See V.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

VIII. Application of recognized good practice to the management of sanitation (art. 6, para. 2 (f) continued)

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer See V.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

IX. Occurrence of discharges of untreated wastewater (art. 6, para. 2 (g) (i))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer The ultimate goal is to have no discharges that cause environmental harm. The latter is expressed as the maximum admissible risk. This target was set in the Pollution of Surface Waters Act in 1969.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer Under the Pollution of Surface Waters Act, it is forbidden to discharge waste matter, pollutants or hazardous substances in whatever form into surface waters without a permit. Conditions attached to such discharge permits can relate only to the protection of water quality.

3. Assess the progress achieved towards the target.

Answer Surface water quality has highly improved and discharge of untreated wastewater is largely regulated.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

Answer Revision of quality standards has taken place on the basis of new scientific insights.

5. If you have not set a target in this area, please explain why.

X. Occurrence of discharges of untreated storm water overflows from wastewater collection systems to waters within the scope of the Protocol (art. 6, para. 2 (g) (ii))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer The aim is to reduce storm water overflow as much as possible. This is put down in the Pollution of Surface Waters Act in 1969.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer Wastewater collection systems are obliged to take preventive measures in the form of retention basins and other physical measures. Also, separated sewage systems are used where rainwater is separated from other wastewater. Moreover, levies are put on overflows.

3. Assess the progress achieved towards the target.

Answer Reduction of overflows is achieved while additional measures are underway.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

XI. Quality of discharges of wastewater from wastewater treatment installations to waters within the scope of the Protocol (art. 6, para. 2 (h))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer See under IX

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

XII. Disposal or reuse of sewage sludge from collective systems of sanitation or other sanitation installations (art. 6, para. 2 (i), first part)

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer The EU UWWT Directive sets restrictions on the use and disposal of sewage sludge. The sludge is increasingly burned. Tests are being done to abstract the phosphorus from the sludge as well as for producing biogas.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer Legal ban on application of sewage sludge for agricultural purposes in 1995.

3. Assess the progress achieved towards the target.

Answer Sewage sludge is disposed of in different ways, according to regulations. Research and testing is done on making use of sewage sludge for biogas and phosphorous production.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

XIII. Quality of wastewater used for irrigation purposes (art. 6, para. 2 (i), second part)

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

NA

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

Answer No use is made of wastewater for irrigation purposes.

XIV. Quality of waters which are used as sources for drinking water (art. 6, para. 2 (j), first part)

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer Included in the EU Water Framework Directive.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer Included in the actions to achieve the goals of the WFD

3. Assess the progress achieved towards the target.

Answer General quality of waters is sufficient, early warning system is in place on surface waters to be able to stop intake of water drinking water production in case of accidental pollution.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

XV. Quality of waters used for bathing (art. 6, para. 2 (j), second part)

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer Included in EU Bathing Water Directive (2006) and the WFD.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer Adaptation of the monitoring and the warning and alarm systems to the provisions of the Directives.

3. Assess the progress achieved towards the target.

Answer In general, the quality of the bathing water locations is in compliance with the Directives. In summer sometimes locations are closed because of algal blooms.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

XVI. Quality of waters used for aquaculture or for the production or harvesting of shellfish (art. 6, para. 2 (j), third part)

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer Included in EU Directives on shellfishwater (1979) and fishwater (1978), included in the WFD.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

Answer No specific actions, included in the actions for achieving the goals of the WFD

3. Assess the progress achieved towards the target.

Answer The general quality is good.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

XVII. Application of recognized good practice in the management of enclosed waters generally available for bathing (art. 6, para. 2 (k))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer See XV.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

XVIII. Identification and remediation of particularly contaminated sites (art. 6, para. 2 (I))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer This is related to contaminated sediments, included in the Act on protection of soils and at the end of 2009 included in the Water Act.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

Answer Many of the most contaminated sites have been cleaned, cleaning will continue.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

XIX. Effectiveness of systems for the management, development, protection and use of water resources (art. 6, para. 2 (m))

For each target set in this area:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

Answer Regular monitoring and evaluation of policies and legislation takes place. On the basis of these evaluations, policies and/or legislation may be changed.

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

XX. Additional national or local specific targets

In cases where additional targets have been set, for each target:

1. Describe the target, target date and baseline conditions. Please include information on whether the target is national or local, and intermediate targets as relevant. Also include information on the background and justification for the adoption of the target.

NA

2. Describe the actions taken (e.g., legal/regulatory, financial/economic and informational/educational, including management measures) to reach the target, having regard to article 6, paragraph 5, and, if applicable, the difficulties and challenges encountered.

3. Assess the progress achieved towards the target.

4. In the review of progress achieved towards the target, has it appeared that the target and target date need to be revised, e.g., in the light of scientific and technical knowledge? If so, and if the revised target and target date have already been adopted, please describe them.

5. If you have not set a target in this area, please explain why.

Part Four

Overall evaluation of progress achieved in implementing the Protocol

In this part of the summary report, Parties shall provide an analysis and synthesis of the status of implementation of the Protocol. Such an overall evaluation should not only be based on the issues touched upon in the previous parts, but should also include, as far as possible, a succinct overview of implementation of article 9 on public awareness, education, training, research and development and information; article 10 on public information; article 11 on international cooperation; article 12 on joint and coordinated international action; article 13 on cooperation in relation to transboundary waters; and article 14 on international support for national action.

This analysis or synthesis should provide a succinct overview of the status of and the trends and threats with regard to waters within the scope of the Protocol sufficient to inform decision makers, rather than an exhaustive assessment of these issues. It should provide an important basis for planning and decision-making as well as for the revision of the targets set, as needed.

Part Five

Information on the person submitting the report

The following report is submitted on behalf of _the Netherlands in accordance with article 7 of the Protocol on Water and Health.

Mrs. Ans Versteegh

Email: ans.versteegh@rivm.nl

Telephone number: 0031+30 274 2321

National Institute for Public Health and the Environment (RIVM)

P.O. Box 1

3720 BA Bilthoven

The Netherlands

Name of officer responsible for submitting the national report:

E-mail:

Telephone number:

Name and address of national authority:

Signature:

Date:

Submission

Parties are required to submit their summary reports to the joint secretariat, using the present template and in accordance with the adopted guidelines on reporting, by **29 April 2013**. Submission of the reports ahead of this deadline is encouraged, as this will facilitate the preparation of analyses and syntheses to be made available to the third session of the Meeting of the Parties.

Parties are requested to submit, to the two addresses below, an original signed copy by post and an electronic copy either on a CD-ROM or by e-mail. Electronic copies should be available in word-processing software, and any graphic elements should be provided in separate files.

Joint Secretariat to the Protocol on Water and Health

United Nations Economic Commission for Europe

Palais des Nations

CH-1211 Geneva 10

Switzerland

E-mail: protocol.water_health@unece.org

and

Regional Office for Europe of the World Health Organization

WHO European Centre for Environment and Health
Hermann-Ehlers-Strasse 10
53113 Bonn – Germany
E-mail: watsan@ecehbonn.euro.who.int

Ecological status of surface water bodies

<i>Percentage of surface water classified as:</i>	<i>Baseline value (specify the year) 2009 number of waterbodies classified</i>	<i>Baseline value (specify the year) 2009 % of number waterbodies classified</i>	<i>Baseline value (specify the year) 2009 % of total number waterbodies</i>
High status	0	0	0
Good status	3	0,4	0,4
Moderate status	249	34,8	34,4
Poor status	315	44,0	43,5
Bad status	149	20,8	20,6
Unknown	3	-	0,4
Not relevant *	5	-	0,7
Total number/volume of water bodies classified	716 *	-	-
Total number/volume of water bodies in the country	724 *	-	-

*** 5 van de 724 waterlichamen zijn territoriaal en hebben dus geen ecologische toestand!**

Chemical status of surface water bodies

<i>Percentage of surface water bodies classified as</i>	<i>Baseline value (specify the year) 2009 number of waterbodies classified</i>	<i>Baseline value (specify the year) 2009 % of number waterbodies classified</i>	<i>Baseline value (specify the year) 2009 % of total number waterbodies</i>
Good status	506	73,9	69,9
Poor status	179	26,1	24,7
Unknown	39	-	5,4
Total number/volume of water bodies classified	685	-	-
Total number/volume of water bodies in the country	724	-	-

Status of groundwaters

<i>Percentage of groundwaters classified as</i>	<i>Baseline value (specify the year) 2009 number of waterbodies classified</i>	<i>Baseline value (specify the year) 2009 % of waterbodies classified</i>
Good quantitative status	23	100 %
Good chemical status	14	61
Poor quantitative status	0	0
Poor chemical status	9	39
Total number/volume of groundwater bodies classified	23	23
Total number/volume of groundwater bodies in the country	23	23