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**ECONOMIC COMMISSION FOR EUROPE**

**WORLD HEALTH ORGANIZATION  
REGIONAL OFFICE FOR EUROPE**

MEETING OF THE PARTIES TO THE  
PROTOCOL ON WATER AND HEALTH  
TO THE CONVENTION ON THE PROTECTION  
AND USE OF TRANSBOUNDARY  
WATERCOURSES AND INTERNATIONAL  
LAKES

Working Group on Water and Health

Second meeting  
Geneva, 2–3 July 2009  
Item 5 of the provisional agenda

SETTING TARGETS AND REPORTING UNDER THE PROTOCOL

**SUMMARY REPORTS IN ACCORDANCE WITH ARTICLE 7 OF THE PROTOCOL  
ON WATER AND HEALTH**

Note by the Chairperson of the Task Force on Reporting and Indicators<sup>1</sup>

*Summary*

At its first session, the Meeting of the Parties to the Protocol on Water and Health entrusted the Task Force on Indicators and Reporting, under the leadership of Switzerland, to prepare draft guidelines for summary reports. This document presents the draft guidelines for summary reports, including a template, to be submitted by Parties in accordance with article 7. The draft guidelines were prepared by the core group on indicators and reporting and then further discussed and endorsed by the Task Force on Indicators and Reporting at its second meeting (Geneva, 12 February 2009). This document should be read together with the documents on the setting of targets, evaluation of progress and reporting (ECE/MP.WH/WG.1/2009/4 - EUR/09/5086342/6) and on the future work under the Task Force on Indicators and Reporting and the pilot reporting exercise (ECE/MP.WH/WG.1/2009/7 - EUR/09/5086342/9).

<sup>1</sup> The present document was submitted late due to resource constraints on the part of the secretariat.  
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## **I. INTRODUCTION AND PROPOSED ACTION BY THE WORKING GROUP**

1. According to article 7 of the Protocol on Water and Health, Parties shall collect and evaluate data on their progress towards the achievement of the targets and on indicators designed to show how that progress has contributed towards preventing, controlling or reducing water-related disease. In particular:

(a) Parties shall periodically publish the results of this collection and evaluation of data;

(b) On the basis of the collection and evaluation of data, Parties shall periodically review their progress made in achieving the targets, and shall publish an assessment of that progress;

(c) Every three years, each Party shall also provide to the secretariat for circulation to the other Parties a summary report of the data collected and evaluated, as well as an assessment of the progress achieved. The summary reports shall be in accordance with guidelines established by the Meeting of the Parties.

2. The Working Group on Water and Health is invited to comment on this document and provide recommendations for further work to be undertaken by the Task Force on Indicators and Reporting and its core group. In particular, the Working Group is invited to discuss and agree on:

(a) The scope and approach of the guidelines;

(b) The template for summary reports to be prepared by Parties, in accordance with article 7, paragraph 5.

3. In its discussions, the Working Group is expected to note that the objective is to finalize the draft guidelines during its second meeting and to start a pilot reporting exercise based on these guidelines in autumn 2009, with a view to presenting summary reports and their analysis to the second meeting of the Parties to the Protocol.

## **II. GUIDELINES FOR SUMMARY REPORTS**

### **A. Background and objectives**

4. According to article 6 of the Protocol on Water and Health, Parties shall set targets and target dates two years after ratification, at the latest. The Meeting of the Parties shall evaluate progress in implementing the Protocol on the basis of such summary reports (art. 7, para. 6). The objectives of the triennial summary reports are:

(a) To assess progress (self-assessment by Party and assessment by the Meeting of

the Parties);

(b) To exchange experience and share lessons learned;

(c) To demonstrate the main challenges/obstacles in implementing the Protocol, thereby informing activities under the Protocol's programme of work.

5. The summary reports do not aim to compare the situations in different Parties. However, for the sake of promoting harmonization in the whole UNECE<sup>2</sup>/WHO-Europe<sup>3</sup> region, Parties have agreed to report on a limited number of issues using commonly agreed indicators that are closely related to the areas under article 6, paragraph 2, for which targets should be set. The guidelines' aims are:

(a) To assist Parties in meeting their commitments under article 7 of the Protocol;

(b) To promote the provision of consistent, transparent, accurate and complete information in order to enable a thorough review and assessment of the implementation of the Protocol by the Parties;

(c) To assist the Meeting of the Parties in carrying out its responsibilities to review the progress in implementation of the Protocol pursuant to article 7, paragraph 6.

6. These guidelines should be read together with the Guidelines on Setting Targets, Evaluation of Progress and Reporting, in particular regarding the setting of targets and the identification of indicators to measure progress.

## **B. Structure**

7. Parties should structure their summary reports following the format contained in the annex to these guidelines. To ensure completeness, no mandatory element should be excluded. If mandatory elements cannot be reported for any reason, Parties should explain the omission or the reason for partial reporting in the section relating to that element.

8. The summary reports should be useful for the self-assessment of Parties (e.g. they should encourage Parties to think about the process, the circumstances and "what is behind the figures"). Thus, reports should include descriptive parts that could be of use for other Parties, not just figures, but also, for instance, information on legal/regulatory, financial/economic, informational/educational and management measures.

9. Parties are requested to concentrate on, where possible, the following types of information:

(a) Rationale and justification for establishing specific targets;

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<sup>2</sup> United Nations Economic Commission for Europe.

<sup>3</sup> World Health Organization Regional Office for Europe.

- (b) Outcomes and impacts of actions or measures taken to implement the Protocol;
  - (c) Short descriptions of success stories and case studies that could serve as examples of good practice for other Parties;
  - (d) Major obstacles encountered in implementation;
  - (e) Actions needed to enhance implementation.
10. The summary reports will be made of five parts:
- (a) A general part on the process of setting targets and reporting and on national circumstances;
  - (b) Information on common indicators;
  - (c) Information on target and target dates set and assessment of progress achieved towards the targets;
  - (d) Overall evaluation of progress achieved in implementing the Protocol;
  - (e) Information on the person submitting the report.
11. The summary reports should not exceed 50 pages.

### **C. Processes of preparation**

12. Parties are encouraged to consider the participation of all relevant stakeholders in the preparation and use of the summary reports, including non-governmental organizations (NGOs), civil society, local communities, the private sector and the media.

13. In addition, the person/authority responsible for preparing the summary report is encouraged to work closely with the national counterparts responsible for implementation of related international conventions and European Union (EU) regulations. Coordinating report preparation will ensure the sharing of data and analysis as well as consistency between reports, thus reducing the overall reporting burden for the country while maintaining consistency with the reporting format. Such coordination could furthermore enhance opportunities for synergies in the national implementation of related international conventions and the EU Directives.

### **D. Outreach and communication**

14. The preparation of summary reports is an important opportunity for communicating the work achieved in meeting the Protocol's objectives to the general public and other stakeholders, including the private sector, and involving them in national implementation. To this end, in addition to involving stakeholders in the preparation of summary reports, it is particularly important for Parties, after having submitted their summary reports, to communicate to the

general public the positive outcomes identified in the reports and the obstacles and challenges that remain.

15. Various means of communication can be used, including: (a) a public launch of the summary reports on World Water Day; (b) making the reports accessible to a wider audience through national clearing-house mechanisms or other media; and/or (c) developing and disseminating extracts of the national reports.

#### **E. Language**

16. The summary report should be submitted in one of the official languages of the Protocol. To facilitate exchange of experience, Parties are also encouraged to submit, where relevant, a translation of their summary report in English.

#### **F. Submission**

17. Parties are required to submit their summary reports to the joint secretariat, using the format outlined in these guidelines, by XX XX 2010 (180 days before second meeting of the Parties to the Protocol). Submission of the reports ahead of this deadline is encouraged, as this would help facilitate the preparation of analyses and syntheses to be made available to the second meeting of the Parties.

18. Parties are requested to submit, to the two addresses below, an original signed copy by post and an electronic copy either on a diskette or 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**

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Switzerland

E-mail: [protocol.water\\_health@unece.org](mailto:protocol.water_health@unece.org)

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## **Annex**

### **FORMAT FOR SUMMARY REPORTS UNDER THE PROTOCOL ON WATER AND HEALTH**

#### **PART ONE: GENERAL ASPECTS**

1. Provide brief information on the process of target-setting in your country, e.g. which public authority (ies) took the leadership and coordinating role, which public authorities were involved, how coordination was ensured, which existing national and international strategies and legislations were taken into account, how cost-benefit analysis of target sets was performed.
  
2. What has been done in your country to ensure public participation in the process of target-setting and how was the outcome of public participation taken into account in the final targets set?
  
3. 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.
  
4. 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).
  
5. 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.

## PART TWO: COMMON INDICATORS<sup>4</sup>

### 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:

1. What is the population coverage (in millions or per cent of total national population) of the water supplies reported under this indicator?
2. Do the water supply systems reported here supply the urban population only or both the urban and rural populations?
3. 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.

#### 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*.

WatSan_S2	Baseline value (please specify the year)	Current value (please specify the year)
<b>E. coli</b>		
<b>Enterococci</b>		

#### C. Chemical quality

Indicator to be used: WatSan\_S3. The percentage of samples that fail to meet the national standard for chemical water quality. All countries shall monitor and report on:

- Fluoride,
- Nitrate and nitrite<sup>5</sup>,
- Arsenic,
- Lead
- Iron.

<sup>4</sup> 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.

<sup>5</sup> As defined in the WHO Guidelines.



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

<b>Substance</b>	<b>Baseline value (please specify the year)</b>	<b>Current value (please specify the year)</b>
<b>Fluoride</b>		
<b>Nitrate and nitrite</b>		
<b>Arsenic<sup>6</sup></b>		
<b>Lead</b>		
<b>Iron</b>		
<b>Additional chemical<sup>7</sup> parameter 1:</b> _____		
<b>Additional chemical parameter 2:</b> _____		
<b>Additional chemical parameter 3:</b> _____		
<b>Additional chemical parameter 4:</b> _____		
<b>Additional chemical parameter 5:</b> _____		

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<sup>6</sup> If relevant for the country.

<sup>7</sup> It is recommended to take into account new and emerging pressures such as climate change, or agriculture practices.

If your country calculates an integrated value reflecting overall compliance with chemical quality of drinking water, please report it below:

	<b>Baseline value (please specify the year)</b>	<b>Current value (please specify the year)</b>
<b>Integrative chemical failure rate</b>		

## II. REDUCTION OF THE SCALE OF OUTBREAKS AND INCIDENCE OF INFECTIOUS DISEASES POTENTIALLY RELATED TO WATER

For incidence, please report the total number of cases per year from all exposure routes.

For the number of outbreaks, please report cases that could be potentially related to water.

	<b>Incidence</b>		<b>Number of outbreaks</b>	
	Baseline (specify the year)	Current value (specify the year)	Baseline (specify the year)	Current value (specify the year)
Cholera				
Bacillary dysentery (shigellosis)				
EHEC <sup>8</sup>				
Viral hepatitis A				
Typhoid fever				

## III. ACCESS TO DRINKING WATER

<b>Percentage of population with access to improved drinking water</b>	<b>Baseline value (specify the year)</b>	<b>Current value (specify the year)</b>
<b>Total</b>		
<b>Urban</b>		
<b>Rural</b>		

<sup>8</sup> Enterohaemorrhagic *E. coli*.

The Joint Monitoring Programme (JMP) 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 kilometer 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 “improved” drinking water from which the above percentages are calculated differs from the JMP, please provide the definition and describe your means of calculation.

#### IV. ACCESS TO SANITATION

Percentage of the population with access to improved sanitation, including small decentralized sewerage systems, septic tanks and safe excreta disposal.

<b>Percentage of population with access to improved sanitation</b>	<b>Baseline value (specify the year)</b>	<b>Current value (specify the year)</b>
<b>Total</b>		
<b>Urban</b>		
<b>Rural</b>		

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

#### V. EFFECTIVENESS OF MANAGEMENT, PROTECTION AND USE OF FRESHWATER RESOURCES

##### Water quality

On the basis of national systems of water classifications, the percentage of the number of water bodies or the percentage of the volume (preferably) of water<sup>9</sup> falling into 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).

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<sup>9</sup> Please specify.

**For non-European Union countries:**

## Status of surface waters

<b>Percentage of surface water falling into class<sup>10</sup></b>	<b>Baseline value (specify the year)</b>	<b>Current value (specify the year)</b>
<b>I</b>		
<b>II</b>		
<b>III</b>		
<b>IV</b>		
<b>V</b>		

## Status of groundwaters

<b>Percentage of groundwaters falling into class<sup>11</sup></b>	<b>Baseline value (specify the year)</b>	<b>Current value (specify the year)</b>
<b>I</b>		
<b>II</b>		
... to be completed in accordance with national groundwaters classification systems		

**For European Union countries:**

## Ecological status of surface water

<b>Percentage of surface water classified as of</b>	<b>Baseline value (specify the year)</b>	<b>Current value (specify the year)</b>
<b>High status</b>		
<b>Good status</b>		
<b>Moderate status</b>		
<b>Poor status</b>		
<b>Bad status</b>		

## Chemical status of surface water

<b>Percentage of surface water classified as of</b>	<b>Baseline value (specify the year)</b>	<b>Current value (specify the year)</b>
<b>Good status</b>		
<b>Poor status</b>		

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<sup>10</sup> Rename and modify the number of rows as requested by the national classification system.

<sup>11</sup> Rename and modify the number of rows as requested by the national classification system

## Status of groundwaters

<b>Percentage of groundwaters classified as of</b>	<b>Baseline value (specify the year)</b>	<b>Current value (specify the year)</b>
<b>Good status</b>		
<b>Poor status</b>		

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 no related to all water resources).

**Water use**

Water exploitation index at the national and river basin levels for each sector (agriculture, industry, domestic): mean annual abstraction of freshwater by sector divided by the mean annual total renewable freshwater resource at the country level, expressed in percentage terms.

<b>Water exploitation index</b>	<b>Baseline value (specify the year)</b>	<b>Current value (specify the year)</b>
<b>Agriculture</b>		
<b>Industry<sup>12</sup></b>		
<b>Domestic use<sup>13</sup></b>		

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<sup>12</sup> Please specify whether the figure includes both water abstraction for manufacturing industry and for energy cooling.

<sup>13</sup> 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, (ARTICLE 6, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets date have already been adopted, please describe them.
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  
(ARTICLE 6, PARAGRAPH 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 such target.
  
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
  
3. Briefly 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 targets date have already been adopted, please describe them.
  
5. If you have not set a target in this area, please explain why.

### **III. ACCESS TO DRINKING WATER (ARTICLE 6, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets date have already been adopted, please describe them.
5. If you have not set a target in this area, please explain why.



**IV. ACCESS TO SANITATION  
(ARTICLE 6, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets 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 (ARTICLE 6, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets date have already been adopted, please describe them.
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 (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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets 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, (ARTICLE 6, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets 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, PARAGRAPH 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 such target.
  
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
  
3. Briefly 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 targets 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, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets date have already been adopted, please describe them.
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, PARAGRAPH 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 such target.
  
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
  
3. Briefly 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 targets 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, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets 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, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets 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, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets date have already been adopted, please describe them.
5. If you have not set a target in this area, please explain why.

**XIV. QUALITY OF WATERS USED AS SOURCES FOR DRINKING WATER  
(ART. 6, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets 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, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets 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 SHELLFISH (ART. 6, PARAGRAPH 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 such target.
  
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
  
3. Briefly 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 targets 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, PARAGRAPH 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 such target.
  
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
  
3. Briefly 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 targets 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, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets 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, PARAGRAPH 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 such target.
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
3. Briefly 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 targets 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 case additional targets have been set, for each target:

1. Describe the target, target date and baseline conditions. Please include information on whether target is national or local, and intermediate targets as relevant.
  
2. Briefly describe the actions taken (e.g. legal/regulatory, financial/economic and informational/ educational and management measures) to reach the target and, if applicable, the difficulties and challenges encountered.
  
3. Briefly 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 targets date have already been adopted, please describe them.

#### **PART FOUR: OVERALL EVALUATION OF PROGRESS ACHIEVED IN IMPLEMENTING THE PROTOCOL**

This part of the summary report 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 is possible, a succinct overview of implementation of: article 9 on public awareness, education, training, research and development and information; article 10 on public participation; 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, trends and threats, 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 \_\_\_\_\_ [name of the Party or the Signatory] in accordance with article 7 of the Protocol on Water and Health.

Name of officer responsible for submitting the national report:

E-mail:

Telephone number:

Name and address of national authority:

Signature:

Date:

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