

ANNEX 3.3:

DECISION ON WATER MANAGEMENT CONDITIONS FOR VRBAS – KULA WASTE WATER PROJECTS, MINISTRY OF AGRICULTURE, FORESTRY AND WATER RESOURCES, DECEMBER 23, 2005



Republic of Serbia
MINISTRY OF AGRICULTURE, FORESTRY AND WATER MANAGEMENT
Republic Directorate for Water
No. 325-05-1571/2005-07
23 December 2005
Belgrade, Nemanjina 22-26
Telephone and fax: 011/3115370

Ministry of Agriculture, Forestry and Water Management, Republic Directorate for Water, upon reviewing a request of the Public Company for construction land, construction and roads, "Directorate for Construction" Vrbas from Vrbas, No. 3863, dated 08 December 2005, and pursuant to Articles 14 and 15 of the Law on Waters (Official Gazette RS, No. 46/91) and Article 192 of the Law on Arbitration Proceedings (Official Gazette FRY, No. 33/97) reaches

DECISION ON THE ISSUANCE OF WATER CONDITIONS

The Investor, Public Company for construction land, construction and roads, "Directorate for Construction" Vrbas from Vrbas, in the procedure of preparation and elaboration of technical documentation for the construction of the Central Waste Water Treatment Plant for the towns of Vrbas and Kula, has fulfilled the conditions for issuance of the following water conditions:

1. All plants, facilities and installations shall be designed pursuant to Articles 1 and 2 of the Law on Waters, and Article 19 of the Law on Construction of Buildings/Facilities (Official Gazette SRS, No. 44/95).
2. Designed solution shall respect the planning documents referring to spatial planning, both in regard to the land purpose and ground leveling, in particular in view of the Waste Water Treatment Plant site.
3. Identification of waste waters from industry and households shall be carried out, by quantity and quality criteria, for the agreed project period. Dimensioning of the facilities shall be carried out in accordance with hydraulic calculations and analyses, whereby all waste waters produced shall be taken into consideration.
4. Joining of all discharges from industrial plants and households into a single sewerage network shall be foreseen, and all waste waters shall be directed to the Central Waste Water Treatment Plant.
5. Industrial waste waters may be discharged into the sewerage network only upon adequate pre-treatment, which shall ensure that the quality of treated waste waters completely satisfies the prescribed sanitary-technical conditions for urban waste waters discharge into the public sewerage system, in order to protect a reliable functioning of the central plant, employees engaged on maintenance, and the facilities comprised by the sewerage system.

Within the technical documentation, provisions of the Municipal Decision on sanitary-technical conditions for urban waste waters discharge into the public sewerage system shall be verified.

6. With respect to the plant, adequate technical-technological solutions shall be envisaged, in order to ensure that the treated waste waters quality will not endanger at any time the prescribed quality of the recipient – canal Bogojewo-Bezdan.
Maximum allowed concentrations of harmful and hazardous substances in the water of different classes are defined by the Regulation on hazardous substances in waters (Official Gazette SRS, No. 31/82).
7. The Project shall envisage the measurement of the treated waste waters quality, as well as the final control of the effluent, prior to the discharge into the recipient.
8. Elevation of the discharge facility shall be established based on the available project documents of the canal system DTD, for the given section, as well as on the opinion in the procedure of issuance of the water conditions of the PWMC “Vode Vojvodine”.
9. Discharge facility of the treated waste waters shall be defined in such a way as to avoid the erosion of the river bed and the river banks, at all water flow regimes in the canal, as well as discharge of the treated waste waters.
10. At the discharge point of the treated waste waters into the canal, at 40km+500, typical water level regime is as follows:
 - maximum level.....78.70 mnm
 - minimum level.....77.50 mnm
 - working level (maximum duration)....78.20 mnm up to 78.50 mnm
11. In the working-inspection path area, along the canal bank, min. 14.0m width, no facilities shall be built, no fence shall be placed, no green protective belt shall be planted, etc.
12. CWWTP site is bordered by the melioration canals, IV-D-10, IV-D-10-2, IV-D-10- 2-1, while the effluent pipeline is intersected with the canal IV-D-10 at 1km+800.
At the intersection of the effluent pipeline with the canal IV-D-10, the pipeline shall be placed min. 1.5m below the elevation of the canal bottom, and it shall be maintained in the length of the canal width, at the ground level. Above the pipeline, protective concrete tables shall be placed.
13. Permanent marks for marking the intersection points shall be foreseen.
14. The Project shall foresee facilities and containers for disposal of harmful and hazardous substances released in the treatment process, as well as the site of their final disposal.
15. Upon completion of the technical documentation elaboration, and upon its review, water approval shall be obtained from this Ministry, pursuant to Articles 16 and 17 of the Law on Waters and Articles 1 and 2 of the Regulation on the technical documentation content, which is submitted in the procedure of obtaining the water approval and water permit (Official Gazette SRS, No. 3/78).

ARGUMENTATION

Public Company for construction land, construction and roads, “Directorate for Construction” Vrbas from Vrbas, in the procedure of preparation and elaboration of technical documentation for the construction of the Central Waste Water Treatment Plant for the towns of Vrbas and Kula, has presented a request for water conditions issuance, which was submitted and filed at the Administrative Office of the present Ministry on 14 December 2005, No. 325-05-1571/2005-07.

21 November 2007



Municipal Infrastructure Agency Support Programme
An EU-funded project managed by the European Agency for Reconstruction
9R5927/CvS/R2006_20/R001

Feasibility Study Vrbas
Final Report

The following documents have been enclosed to the above request:

- Background information on the future plant – General Design Technical Report, Faculty of Civil Engineering, Belgrade;
- Extract from the Urbanistic Plan, No. 353-122/2005-IV/05, dated 12 December 2005, Department of Spatial Planning, Urbanism and Environmental Protection of the Vrbas Municipality;
- Opinion by the Republic Hydrometeorological Service of Serbia, No. 92-I-1-316/2005-22, dated 05 December 2005;
- Opinion by the PWMC “Vode Vojvodine”, Novi Sad, No. 02-1002/6, dated 04 October 2005.

Based on the above mentioned documents, the following facts may be presented:

The Investor, Public Company for construction land, construction and roads, “Directorate for Construction” Vrbas from Vrbas, plans to build the Central Waste Water Treatment Plant for the towns of Kula and Vrbas, at the location foreseen by the General Plan of Vrbas.

The site of the future plants shall be located at the south-eastern edge of the urban zone of Vrbas, in the vicinity of the junction of the Grand Canal of Backa and the canal Bogojewo-Becej (triangle). The plant shall occupy an area of around 20 hectares, which encompasses the location of the existing Waste Water Treatment Plant of Vrbas.

The CWWTP construction is planned in two phases. In the 1st phase, construction of facilities for primary and secondary water and sludge treatment is foreseen, while in the 2nd phase, construction of facilities for phosphorus and nitrogen removal, i.e. tertiary waste waters treatment is envisaged.

Upon the present request, and taking into consideration opinions comprised in the enclosed documentation, the competent department of the present Ministry has proposed the issuance of water conditions, as mentioned in the disposition of the present Opinion.

The Decision has been registered into the Water Book of the present Ministry, for the Water district of the river Danube, No. 1850.

The present Decision is final in the administrative procedure, whereby no appeal may be lodged, except for initiating proceedings before the Supreme Court of Serbia, within 30 days after the date of receipt of the present Decision.

Deliver to:

- Investor
- PWMC “Vode Vojvodine”
- Vrbas Municipality
- Water Book
- Archive

DIRECTOR

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