

# **PERENCANAAN ZONA AIR MINUM PRIMA (ZAMP) PDAM KOTA MALANG DI KECAMATAN BLIMBING**

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## **Abstrak**

Zona Air Minum Prima (ZAMP), zona khusus yang ditetapkan oleh PDAM Kota Malang sebagai zona air siap minum. ZAMP merupakan program CATNIP (*Certification and Training for Network Improvement Project*) kerjasama Persatuan Perusahaan Air Minum Seluruh Indonesia (PERPAMSI) dengan US-AID yang bertujuan meningkatkan kualitas air minum melalui program sertifikasi dan pelatihan. Pada tahun 2011 PDAM Kota Malang memiliki 4 ZAMP yaitu zona perumahan Pondok Blimbings Indah (2014 SR), zona Mojolangu (19.517 SR), zona Tlogomas (22.251 SR) dan zona Buring (9.628). Pada perencanaan ini akan dikembangkan ZAMP di Kecamatan Blimbings Kota Malang.

Perencanaan pengembangan Zona Air Minum Prima (ZAMP) PDAM Kota Malang di Kecamatan Blimbings ini dengan direncanakan *District Meter Area* atau DMA II.2 dan DMA II.10 dengan jumlah layanan mencapai 500 SR tiap DMA. Analisis perencanaan ZAMP PDAM di Kecamatan Blimbings Kota Malang ini menggunakan program EPANET 2.0. Selain itu dilakukan analisis mengenai kualitas, kuantitas dan kontinuitas air minum yang akan didistribusikan.

Kualitas air di DMA dipantau secara eksternal dan internal yang dilakukan secara berkala. Kualitas yang dipentingkan pada perencanaan ini adalah sisa klor yang dijaga minimal 0,2 mg/L agar memenuhi parameter kualitas air minum.

**Kata Kunci : Zona Air Minum Prima ZAMP, PDAM Kota Malang, Kecamatan Blimbings**

## **DESIGN OF ZONA AIR MINUM PRIMA (ZAMP) PDAM OF MALANG CITY IN BLIMBING DISTRICT**

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### **Abstract**

Zona Air Minum Prima (ZAMP) is a special zone designated by PDAM of Malang city as zone drinking water. ZAMP is CATNIP's program (Certification and Training for Network Improvement Project) collaboration between Persatuan Perusahaan Air Minum Seluruh Indonesia (PERPAMSI) and US-AID which aims to improve the quality of drinking water through a training and certification program. In 2011 PDAM of Malang city already has 4 ZAMP namely, housing of Pondok Indah Blimbings zone(2014 SR), Mojolangu's zone (19.517 SR), Tlogomas's zone (22.251 SR) and Buring's zone (9.628). This planning will be undertaken on the development of new ZAMP located in Blimbings District, Malang City.

Zona Air Minum Prima (ZAMP) planning and design PDAM of Malang City in Blimbings District with planned District Meters Area or DMA II.2 and DMA II. 10, with number of service reach 500 SR each DMA. Analysis of planning Zona Air Minum Prima (ZAMP) PDAM of Malang City in Blimbings District using the program EPANET 2.0 for easy in normal use. Besides kinds of analyses about quality, quantity and continuity drinking water are distributed.

The quality of water in dma monitored by external and internal conducted at regular intervals.The quality of being importuned in planning these are stills chlorine guarded minimal 0.2 mg / l to fulfill the parameter of quality of drinking water.

**Keywords : Zona Air Minum Prima (ZAMP), PDAM of  
Malang City, Blimbings District**