

**POLA PEMENUHAN KEBUTUHAN AIR BERSIH DI KOTA SABANG
SEBAGAI KOTA KEPULAUAN**

T E S I S

Disusun Dalam Rangka Memenuhi Persyaratan
Program Studi Magister Teknik Pembangunan Kota



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ABSTRACT

Nowadays, Sabang city becomes Free Harbor and Trade Area, which determine by Act No 37 year 2000, in order to provide this program, there are requires good city facilities and infrastructure and adequate, one is water supporting facilities as primary needs for the community and industrial sector.

Along with increasing of population and community economic activities such small and big industry, public facility development, increases of community prosperity, then Sabang community needs due to cleanness water becomes higher. PDAM as local government firm owned by City Government functioned as water provider institution. Water leaking in Sabang City PDAM is high, up to 40%. It is not merely occurs, however it caused by many problems which accumulated, from planning, processing or maintaining and natural factor such as earthquake, which happened in Nanggroe Aceh Darussalam in last December 26, 2004. The controlling system for leaking should begin from distribution area dividing according to existing distribution reservoir.

As facilities, which fulfill human basic needs, it would influence cities development level, nowadays cleanness water in Sabang City is not equal with demand level. Based from the issues, there is need to perform a study, which identify cleanness water fulfillment in Sabang City. While, research mission that should achieved are Examination of estimation, fulfillment manner for cleanness water in Sabang City, Examine fulfillment manner of collective by PDAM, examine fulfillment manner of individual needs by communities and alternative study for Sabang City Cleanness water fulfillment.

The conclusion of fulfillment manner by PDAM and individual remains continues, however, due to PDAM manner and Local Act Decree, due to existing operational and source maintenance and networking.

Key words : Raw Water Source Leaking, Fulfillment Manner