

ABSTRAK

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Program Studi : Teknik Sipil
Judul : Perbandingan Pola Penggunaan Air Bersih Sebelum dan Saat Pandemi Covid-19 di Perumahan Mekarsari Cicurug Sukabumi
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Virus Covid 19 menjadi momok besar diseluruh dunia. Sebagian besar orang beraktivitas apapun di rumah, Hal ini menyebabkan penggunaan air di rumah kemungkinan meningkat karena konsumsi yang sering tidak di sadari selama pandemi Covid-19. Tujuan dari penelitian ini untuk mengetahui adanya perubahan pola penggunaan air oleh masyarakat sebelum dan saat pandemi, mengetahui faktor-faktor yang harus dipertahankan, dikurangi maupun diperbaiki mengenai perilaku aktivitas penggunaan air domestik di perumahan, dan praktik kegiatan mengenai 3R yang sudah dilakukan dalam kegiatan domestik di perumahan. Metode penelitian menggunakan kuisisioner yang berisi tentang perilaku air yang meliputi tingkat kinerja dan tingkat kepentingan sebelum dan saat pandemi Covid-19 dengan memberi bobot menggunakan Skala Likert. Hasil analisis dari kuisisioner kemudian dipetakan dalam diagram kartesius Importance Peformance Analysis (IPA) dan dihitung tingkat korelasinya. Penelitian menunjukan bahwa perubahan perbandingan tingkat kinerja pada kegiatan di dapur sebelum pandemi 15% dan saat pandemi 15%, kegiatan di kamar mandi sebelum pandemi 33% dan saat pandemi 33%, kegiatan mencuci sebelum pandemi 15% dan saat pandemi 14%, kegiatan cuci kendaraan sebelum pandemi 17% dan saat pandemi 17%, dan kegiatan 3R sebelum pandemi 20% dan saat pandemi 21%. Hal ini menunjukkan bahwa terdapat perubahan namun tidak secara signifikan.

Kata Kunci : *Pandemi Covid-19; Skala Likert; Kuisisioner; Importance Peformance Analysis (IPA)*

ABSTRACT

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Title : Comparissons of Clean Water Usage Patterns in Before
and During The Covid -19 Pandemic at Cicurug Mekarsari
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The Covid-19 Virus has become a great scourge in the world because it can infect almost everyone. The efforts that must be done by everyone to prevent the spreads of the virus is to keep each other clean. Most of the people doing every activities at home, this causes the usage of the water in house may increase because the uncontrolled consumptions during the covid-19 pandemic. The objective of this research is to find out the change of water usage patterns with also the efficiency of it, to discover the factors that must be maintained, reducing or fixing the behavior of water usage activities in the residence, to find out the practice of activities regarding 3Rs that have been carried out in domestic activities in the residence. The research method uses a behavior questionnaire that includes the level of water usage performance and the importance of it in before and during the Covid-19 Pandemic using Likert Scale. The results of the analysis from the questionnaire were then mapped in a Cartesian Importance Performance Analysis (IPA) diagram and the level of correlation was calculated. The results of the analysis from the questionnaire were then mapped in a Cartesian Importance Performance Analysis (IPA) diagram and the level of correlation was calculated. This study shows a change in water use due to the many activities carried out at home. Research shows that the change in the ratio of performance levels in activities in the kitchen before the pandemic is 15% and during the pandemic 15%, activities in the bathroom before the pandemic 33% and 33% during the pandemic, washing activities before the pandemic 15% and during the pandemic 14%, washing vehicles 17% before pandemic and 17% during pandemic, and 3R activities before pandemic 20% and 21% during pandemic. This shows that there is a change but not significantly.

Keywords: *Pandemic Covid-19, Likert Scale, Questionnaire, Importance Performance Analysis*