

## ABSTRAK

Wisata Religi ramai dikunjungi oleh wisatawan domestik, dikarenakan para wisatawan ini lebih memilih wisata yang mengandung nilai sejarah, nilai budaya, serta nilai agama yang terkandung didalamnya. Objek wisata ini terletak pada Desa Gunung Pring, Kecamatan Muntilan, Kabupaten Magelang. Dengan mengetahui pola pengelolaan sampah, dapat direncanakan perencanaan TPS 3R yang berguna mengurangi sampah yang masuk ke TPA. Penelitian ini bertujuan untuk mengetahui jumlah timbulan sampah dan komposisi sampah yang dihasilkan setiap harinya, serta perencanaan TPS 3R. Sampling dilakukan selama delapan hari berturut-turut berdasarkan SNI 19-3964-1994 tentang metode pengambilan dan pengukuran contoh timbulan dan komposisi sampah perkotaan dan *American Society for Testing and Materials (ASTM) Standard Test for Determination of the Composition of Unprocessed Municipal Solid Waste (ASTM designation D 5231-92)*. Hasil penelitian menunjukkan jumlah timbulan sampah perkapita di Objek Wisata Religi Komplek Makam Gunung Pring sebesar 0,14 kg / orang / hari, dengan Volume 2,53 liter / orang / hari. Dengan Volume timbulan sampah sebesar 67,47 % Anorganik, 11,23 % organik, 21,30 % residu. Penentuan tempat didirikannya TPS 3R mengacu pada Petunjuk Teknis Kementerian Tahun 2017 tentang TPS 3R. TPS 3R yang direncanakan berada pada parkir bus wisatawan dengan luas TPS 3R sebesar 342,6 m<sup>2</sup>, dengan biaya Rp. 995.880.314.

*Kata Kunci : Timbulan dan Komposisi sampah, TPS, Sampah Domestik.*

### *Abstract*

Religious tourism is visited by many tourists, because of domestic travelers is prefer tour containing history, cultural values, as well as religious values contained therein. This tourist attraction is located in the Mountain village of Pring subdistrict of Muntilan, Magelang Regency. By knowing the amount of garbage, the TPS 3R can be planned which can be useful to reduce waste that goes to the landfill.

This research aims to know the amount of trash and the composition of the amount of garbage produced each day, as well as the planning of the TPS 3R. Sampling is carried out for eight days in a row based on SNI 19-3964-1994 of method and measurement example of the amount of garbage and composition of urban garbage and the American Society for Testing and Materials (ASTM designation D 5231-92). Research results showed the amount of trash per capita in the religious tourism objects in the tomb complex of Mount Pring of 0.14 kg/person/day, with a volume of 2.53 liters/person/day. The amount of garbage composition of the litter of 64.47% inorganic, 11.23% organic, 21.30% residue. The determination of the place of establishment of TPS 3R refers to the technical instructions of the Ministry of the Year 2017 about TPS 3R. TPS 3R planned are on the bus travellers with extensive parking TPS 3R of 342.6 m<sup>2</sup> with cost of Rp. 995, 880, 314.

*Keywords: Generation and composition of garbage, TPS, Waste housing.*