NEW MODEL FOR THE FUTURE PREDICTION OF WASTE MANAGEMENT

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Abstract (300 word limit)

This article covers a compilation of the main actions taken by the Management model of the Health Sciences Sector. In the building the collection of biological materials and extraordinary waste are carried out daily, while the collection of chemical materials is carried out annually. The amount of waste generated during the last 3 years has fallen slightly, in particular the start of the recycling program from 2015. The amount of general waste generated was over 4,000 m³ / year (average). On the other hand, the amount of biological waste generated was 1,500 m³ / year (average) and that of extraordinary waste was 2,000 m³ / year (average). The remainder was characterized as chemical residues. The monthly waste mapping was also carried out. It was possible to observe a higher production of waste during the month of March (more productive month), while there is a lower production of waste during the months of December and January (vacations). This fact was of essential importance for the sizing of the daily collection quantities, considering the existence of only 12 buckets for the collection of waste and 20 buckets for the collection of infectious residues. In addition, peak-day (based on the day of the week), peak-month (based on the month) and peak-year (based on year) factors were established.

Theory has the same principle and was based on the Theory of Traffic Flow.

Recent Publications (minimum 5)

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Standard N. 10. August, 2. National waste policy, Brasília. 2010.



Biography (150 word limit)

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Notes/Comments: Nothing more to say