Composition of Municipal Solid Waste (MSW) generated in the city of Chlef (Algeria).

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Controlled landfill of Meknassa Dumping sites in the wilaya of Chlef
Uncontrolled burning of domestic wastes
Controlled landfill of Meknassa
Leachate collection pond at the landfill Meknassa

- Geographical location: North of central Algeria
- Total area: 4791 km²
- City area: 124 km²
- Population: 1,100,000
- City population: 179,768
- MSW generated: 120 tons/day.

1 - Zoning of the current collection of MSW: 5 zones (Center-City, South, East, North, and West).
2 - MSW sampling (MODECOM, 2007): 125 samples, 200 kg/sample.

1-Water content, H%: AFNOR, 1996: Norme NF P 94-047, loss on ignition at 550°C during 2 hours.
2-Organic matter content MO% (M/S): Norme NF P 94-047, loss on ignition at 550°C during 2 hours.

NCI: Not Classified Incombustible; NCC: Not Classified Combustible

The results of the physic-chemical characterization of MSW in the city of Chlef allow to specify the possibilities of choice for their treatment. These results are in favor of a treatment that as well by composting that a landfilling to avoid the pollution and the production of large volumes of leachate.