

City : Addis Ababa

Country : Ethiopia

Name of Presenter: Nega Fantahun

A. Current Solid Waste Management

- Micro and small Scale Sanitation

Enterprises 10 - 15 people in one group doing the door to door)



Fig. 1. Reppi Addis Ababa City Solid Waste Dumping Site

- collection (primary Collection) transport it to the skip point using hand push charts and carrying on back and then transport to the open dump site using trucks. Waste is transported Form skip point to the dump site by government and private companies side Loaders, Compactor and Container lift Vehicles.

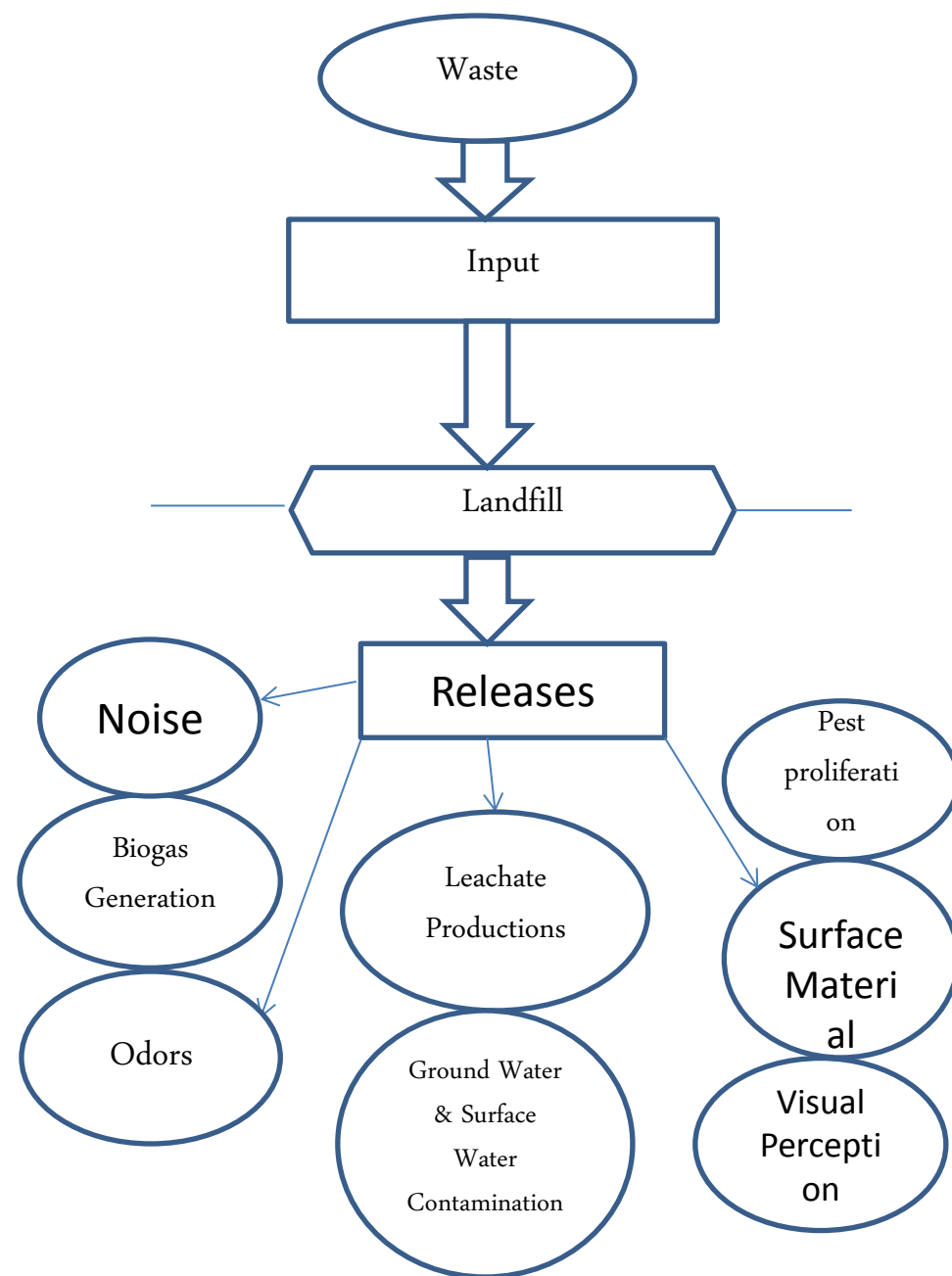


Fig. 2, Dump site Reppi Effluent releases

- Street Sweeping (manual) 70% Collected 5% recycled 5% is composted about 20% uncollected.
- Open dumping and burning is a norm.



Fig.7. Waste pickers salvaging materials in Reppi

negafantahun@yahoo.co.uk

B. City Solid Waste Management

Responsibilities

B.1. Cleansing Management Agency

Responsibilities.

- Primary Collection (Collection from Source)
- Secondary Collection (from Skip Point to transfer site).



Fig, 8. Showing piles of salvaged material stored by the middle men

B.2. Recycling and Disposal Project Office

Responsibilities

- Reuse and Recycling Activities
- Managing Transfer Stations, Dumping Site and Landfill.
- Establishing new recycling Centers, Transfer Stations and new Sanitary Landfill.

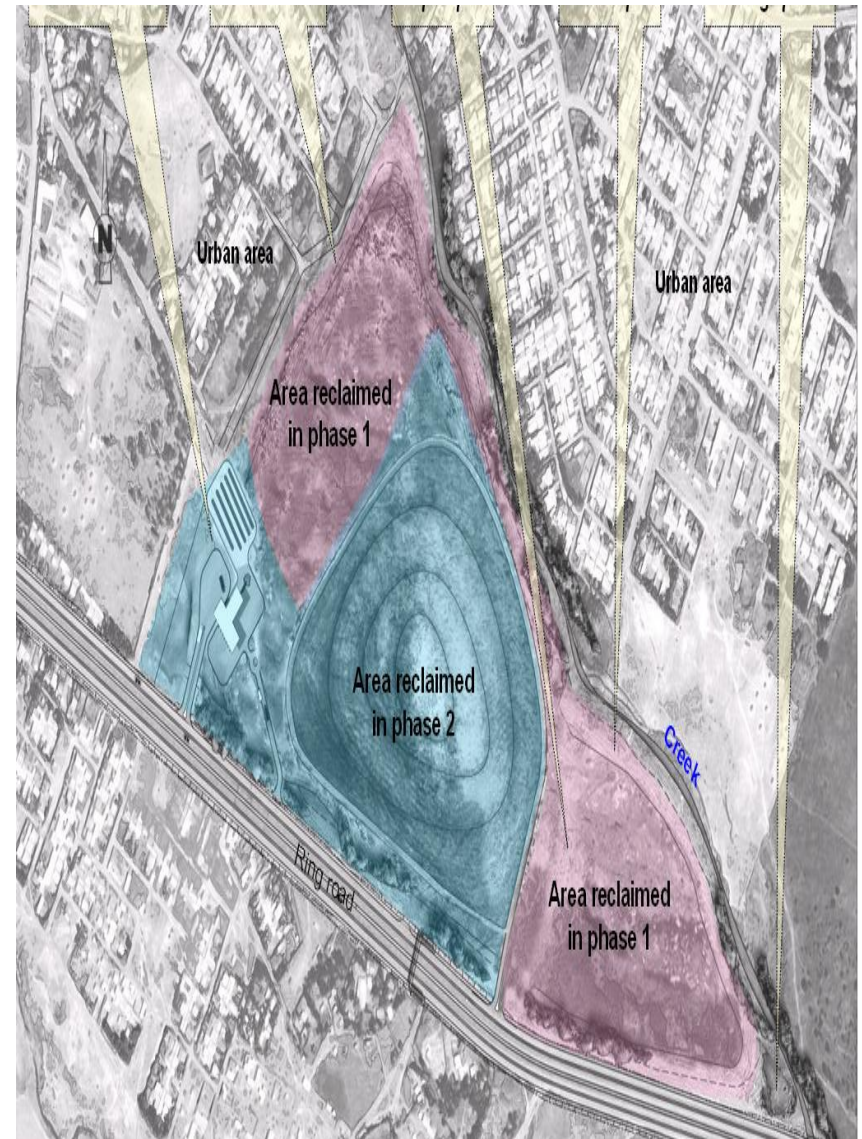


Fig. 5. Conceptual Reppi site model of final reclaimed area

- Improving Solid Waste management.
 - Source Sorting
 - Reduce, Reuse, Recycling Proper Disposal
 - Closing Dumping Site

C. Challenges

- Lack of physical and Financial Resource.



Fig, 6. Reppi before and after final reclamation respectively

- Lack of technology, Knowledge, experience and Skill.

D. Success Stories in managing SLCPs in Waste Sector.

Not yet but we are working on it such as closing old dumping Site

and establishing landfill gas Flaring System

- Avoiding open burning, Leachet Collection and treatment, land filling, Formalizing informal Reuse and Recycling, Waste to Energy Facility.

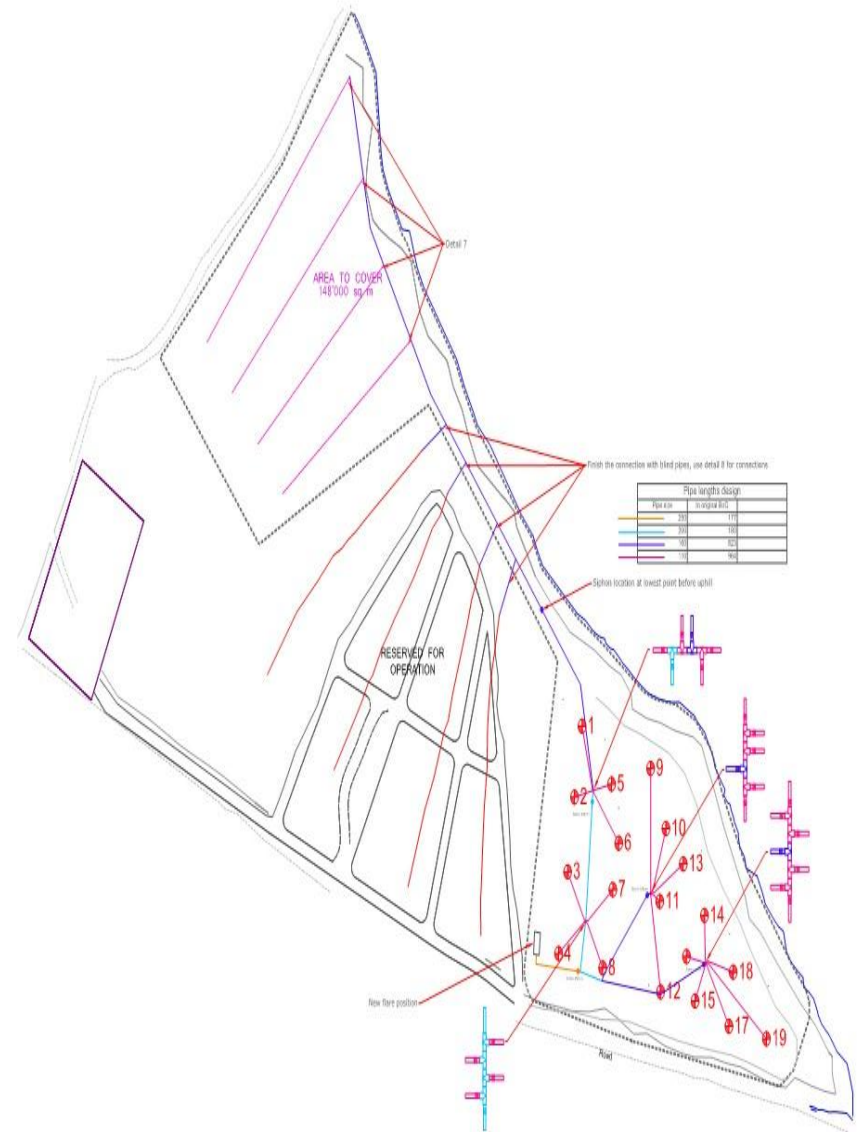


Fig. 4. Reppi reclamation Current Status
negafantahun@yahoo.co.uk