

SWIM and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future

Lessons learned: open discussion

Presented by:

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Leachate Management Training Program

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Lecture
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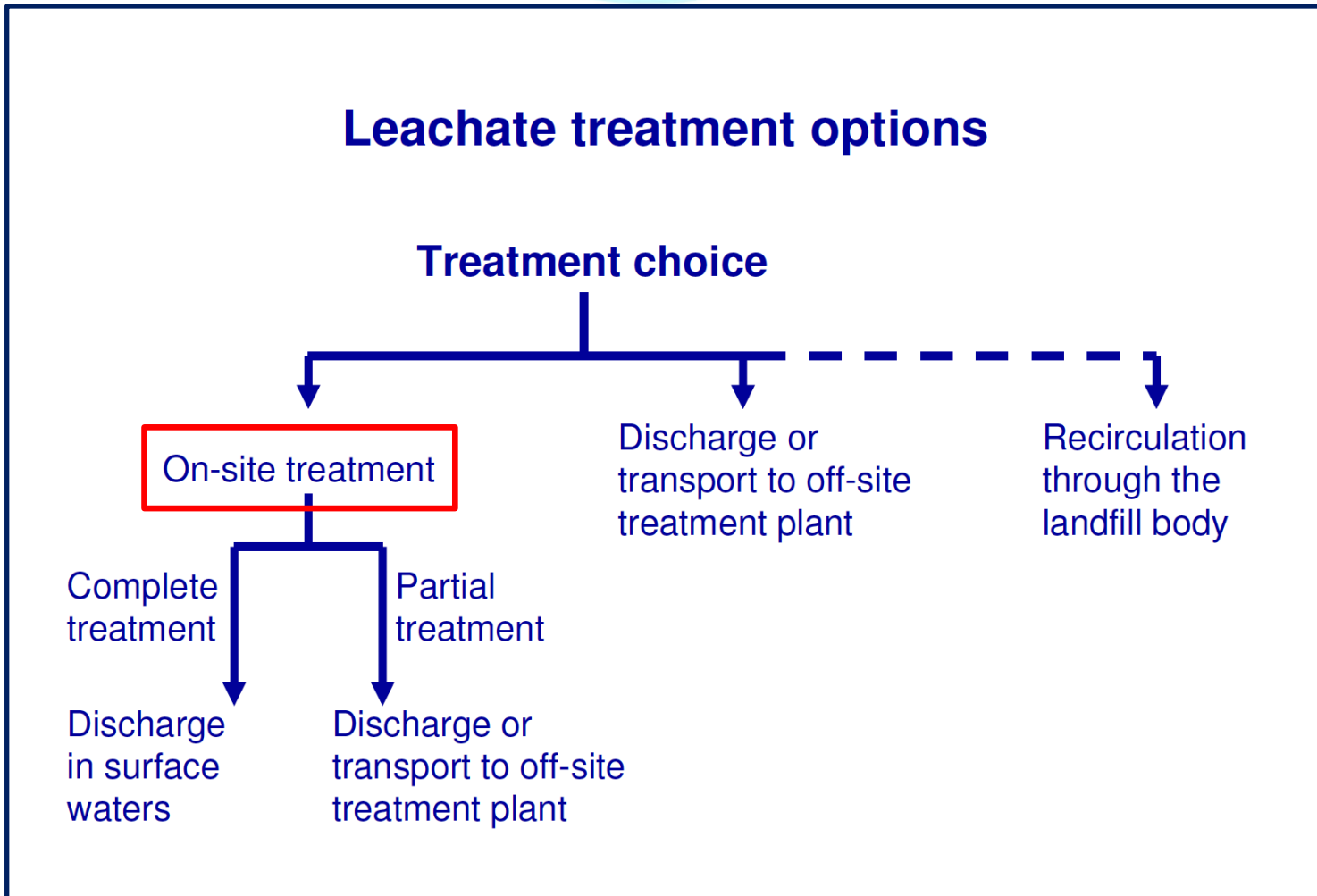
Purpose Statement

The purpose of this session is to discuss the lessons learned during the first three days of the leachate management training program with special focus on the site visits.

Discussion Focus Points

- Assessment of current situation in a specific landfill site
- Statement of the problem
- Defining the objectives of leachate management projects
- Defining leachate management alternatives
- Project Delivery Methods, PDMs
- Critical success factors

Leachate Treatment Options



Leachate treatment challenges

Challenges

Bioreactor Landfill?

Sewer nearby?

Distance to Pump / Haul?

Pump System Costs

WWTP Capacity?

Leachate Strength?

Local Sewer Use Laws?

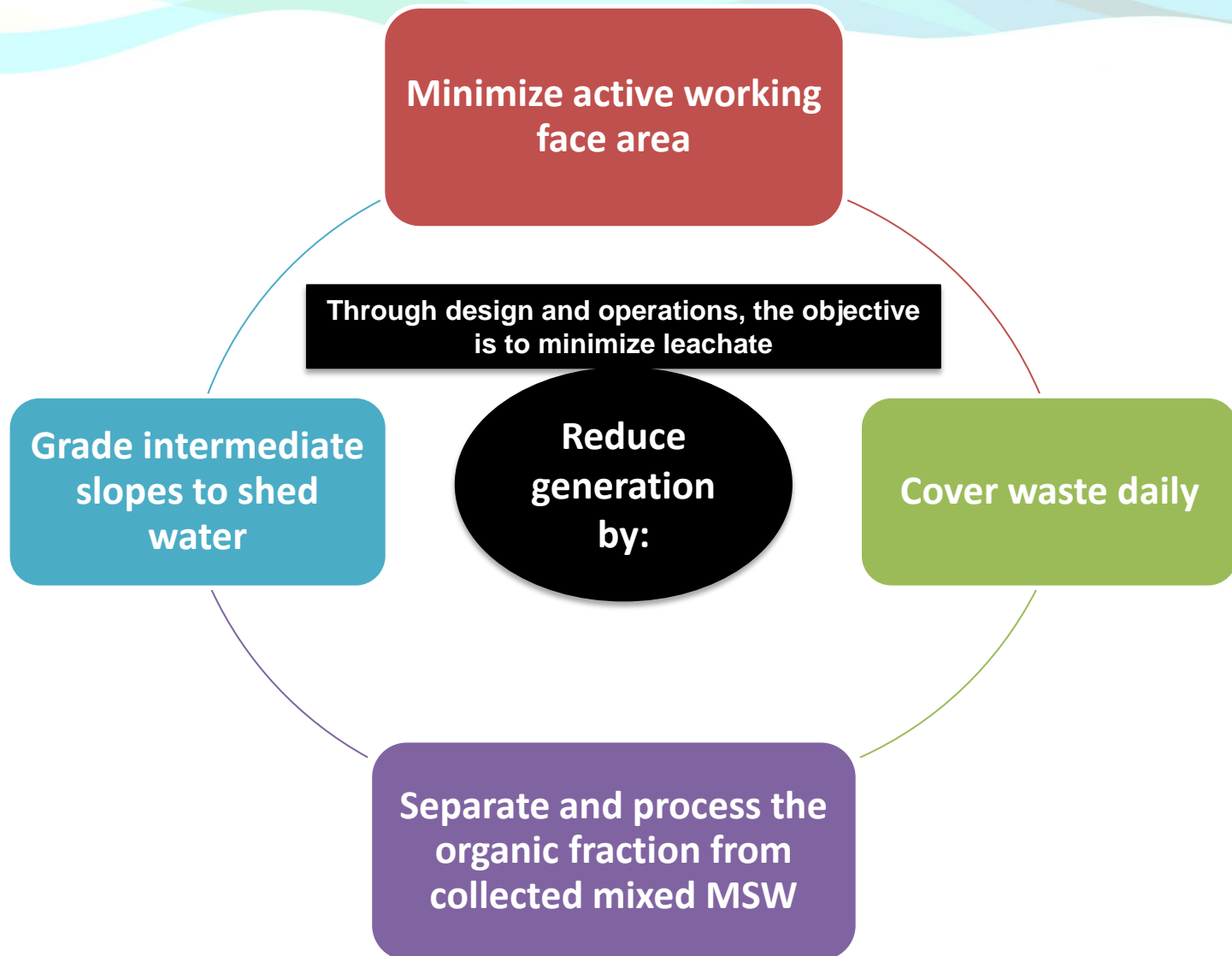
Sewer Surcharges?

Surface Water Discharge

Standards (TMDLs)?

A Total Maximum Daily Load (TMDL) is the maximum amount of a pollutant that a body of water can receive while still meeting water quality standards

Leachate minimization



Site visits: observations and questions

- The uniqueness of each site
- Applied leachate treatment technologies, challenges and constraints
- Environmental considerations
- Operation and maintenance