

Unit 4.5 Use and Valorisation of Endproducts

1. INTRODUCTION

This Unit corresponds with Chapter 10 of the FSM book. Each FS treatment technology results in end-products which need to be further treated, disposed of or harnessed for resource recovery. This Unit focuses on the end-products of different FS treatment processes, difficulties and restrictions with the end-use of these products. The Unit further discusses on the resource recovery through different treatment options and also on the different steps to turn treatment end-products into valuable assets.

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2. LEARNING OBJECTIVES

The learning objectives for Unit 4.5 Use and Valorisation of Endproducts are to:

- Understand general concern with resource recovery and how to ensure adequate protection of human and environmental health.
- Know key considerations for determining appropriate methods and rates of the land application of sludge.
- Be able to determine appropriate uses and discharge options for liquid fractions in faecal sludge management.
- Understand the wide range of potential resource recovery opportunities from FS and key criteria in selecting the most appropriate options.

3. THINGS TO DO; PLACES TO GO

In order to complete this Unit successfully, please do the following:

- Watch the key note speech of Unit 4.5
- Go through the PowerPoint presentation of Unit 4.5
- Read Chapter 10 of the FSM book
- Check the Course page for any recommended reading materials or web pages
- Check the assignment list