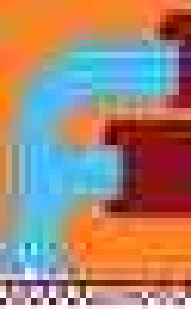
A COMPREHENSIVE COMPENDIUM on

Liquid Waste Management Technologies

A COMPREHENSIVE COMPENDIUM

Solid Waste Management and Technologies

TABLE OF CONTENT



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[illegible] ..... [illegible]

Technologies Provided in Corporate Environment

[illegible] ..... [illegible]

[illegible] ..... [illegible]

[illegible] ..... [illegible]

[illegible] ..... [illegible]

[illegible] ..... [illegible]

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[illegible] Technology

[illegible] ..... [illegible]

[illegible] ..... [illegible]

[illegible] Technology

[illegible] ..... [illegible]

[illegible] ..... [illegible]

Reasons Behind for Adoption of ERP Technology

[illegible] ..... [illegible]

[illegible] ..... [illegible]

[illegible] ..... [illegible]

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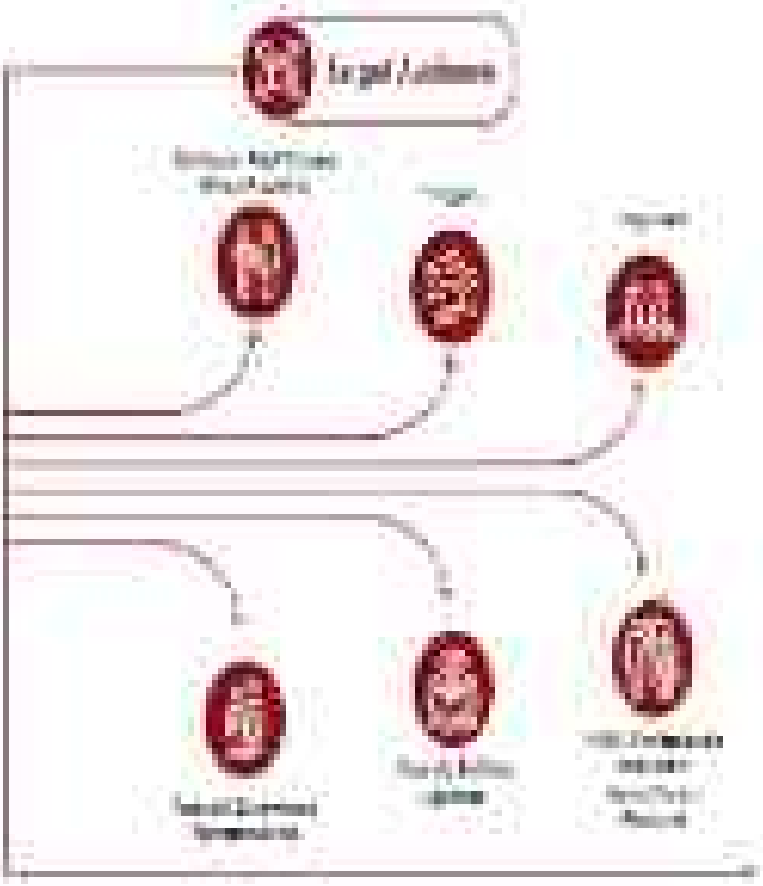
Case Studies ..... [illegible]

Vivage

[illegible]

INTRODUCTION

Background and Target Audiences



STRUCTURE AND USE OF COMPENDIUM

TECHNOLOGIES PROVIDED IN GREYWATER MANAGEMENT MANUAL

1 WASTE STABILIZATION POND

1.1 Introduction

[illegible]

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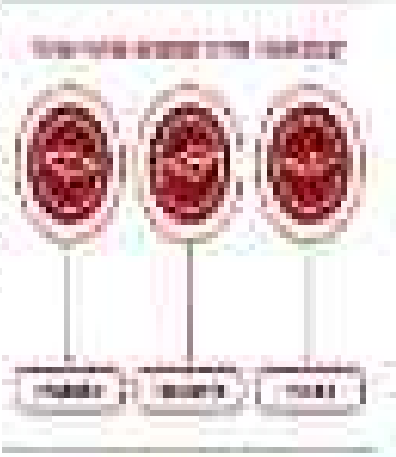

1.2 Feasibility

[illegible]

[illegible]

Image [illegible]

1.2 Technical Details

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Figure 1. [illegible]

1.4 Financial Details

[illegible]

Sr. No.	[illegible]	
1	[illegible]	[illegible]
1	[illegible]	
	[illegible]	[illegible]
	[illegible]	[illegible]
	[illegible]	[illegible]
	[illegible]	[illegible]
2	[illegible]	
	[illegible]	[illegible]
	[illegible]	[illegible]

2 CONSTRUCTED WETLAND

2.1 Introduction

[illegible]

Image 2 [illegible]

2.2 Flexibility

Design Solid Brass Hose

- [illegible]
- [illegible]
- [illegible]

2.3 Technical Details

Technical Details

[illegible]

[illegible]

[illegible]

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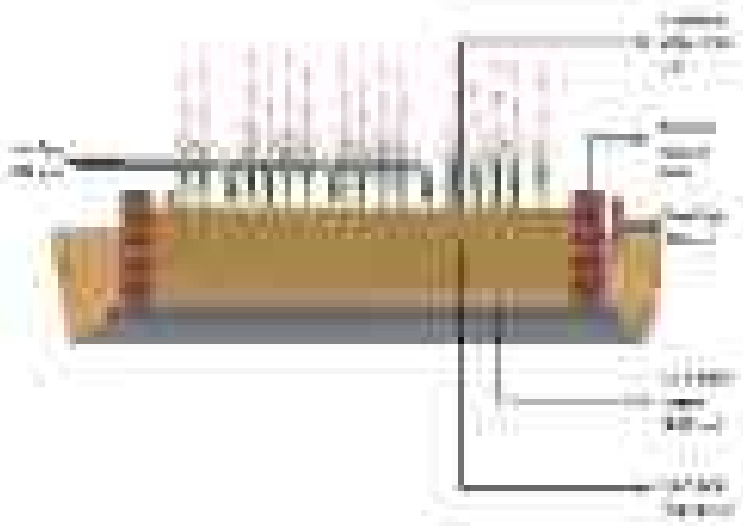

Figure 2: Internal Diagram of Stainless Hose

2.4 Financial Details:

[illegible]

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[illegible]	[illegible]	
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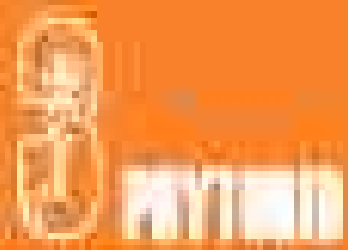

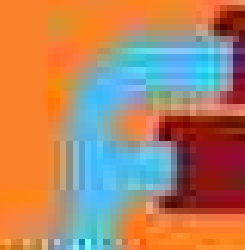

3.1 Introduction

[illegible]

3.2 Feasibility

[illegible]

[illegible]

[illegible]

3.3 Technical Details

[illegible]

[illegible]

Figure 4. Assembly Diagram of Pyro-Glider

[illegible]

[illegible]

[illegible]

3.4 Financial Details:

[illegible]

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	b. Gas Equipment	[illegible]
	c. Pipe Assembly	[illegible]
	d. Pipe Assembly (Pipe, Connectors, Clamps)	[illegible]
3	[illegible]	
	a. Digital Gauge	[illegible]
	b. Digital Gauge	[illegible]

4 DECENTRALIZED WASTEWATER TREATMENT SYSTEM

4.1 Introduction

[illegible]

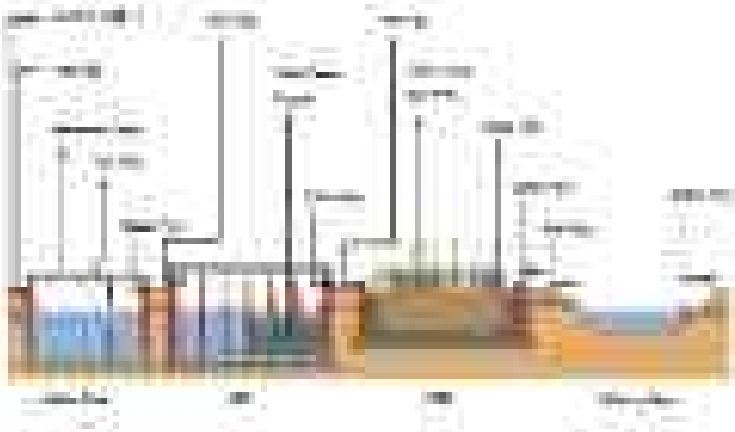

Figure 4: Schematic Diagram of DWCTS

4.2 Feasibility

[illegible]

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[illegible]

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- [illegible]
- [illegible]

1.3 Technical Details

[illegible]

[illegible]

[illegible]

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[illegible]

1.4 Financial Details

[illegible]

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	[illegible]	[illegible]
	[illegible]	[illegible]
iv	[illegible]	
	[illegible]	[illegible]
	[illegible]	[illegible]

5 ANL BIOTECHNOLOGY FOR SEWAGE TREATMENT/ EFFLUENT TREATMENT

5.1 Introduction

[illegible]

[illegible]

Image 5.1 [illegible]

5.2 Feasibility

[illegible]

[illegible]

8.3 Technical Details

[illegible]

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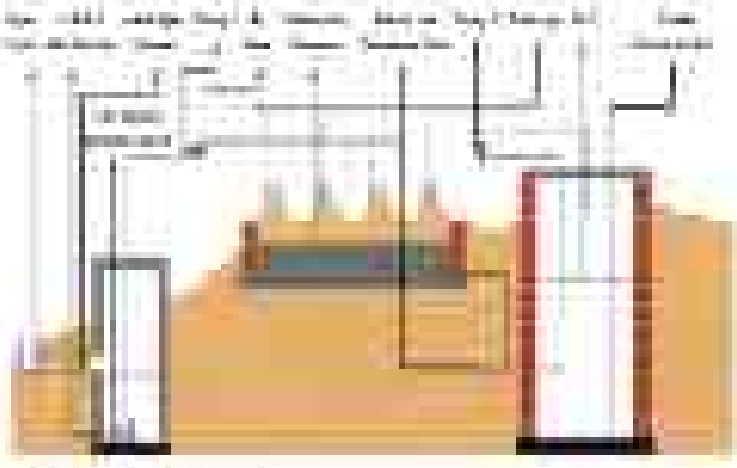

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COMMUNITY TRACK 1

6.1 Introduction

6.2 Feasibility Details

Geographical Representation

6.3 Technical Details

Design Layout of Community Lavatory

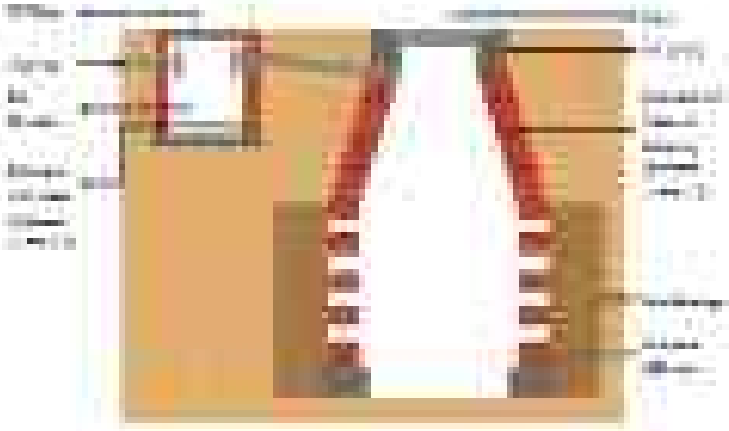

Figure 6.4 Area Sub Division of Community Lavatory

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[illegible]

[illegible]

[illegible]

5.4 Financial Details

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S.No	[illegible]	
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3	[illegible]	
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	[illegible]	[illegible]

PSA RECOMMENDED TECHNOLOGIES

7 [illegible]

7.1 Introduction

[illegible]

Image 8 [illegible]

[illegible]

7.2 Feasibility

[illegible]

[illegible]

[illegible]

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- [illegible]

7.3 Technical Details

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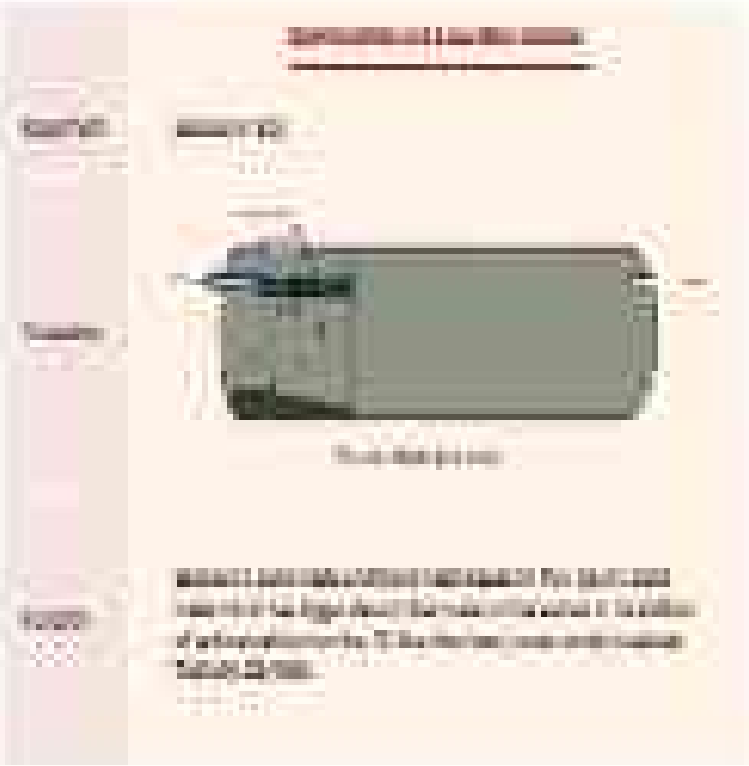

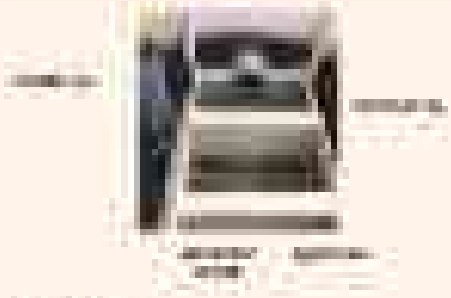

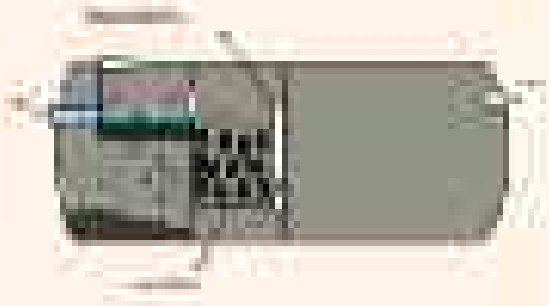

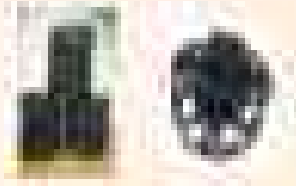

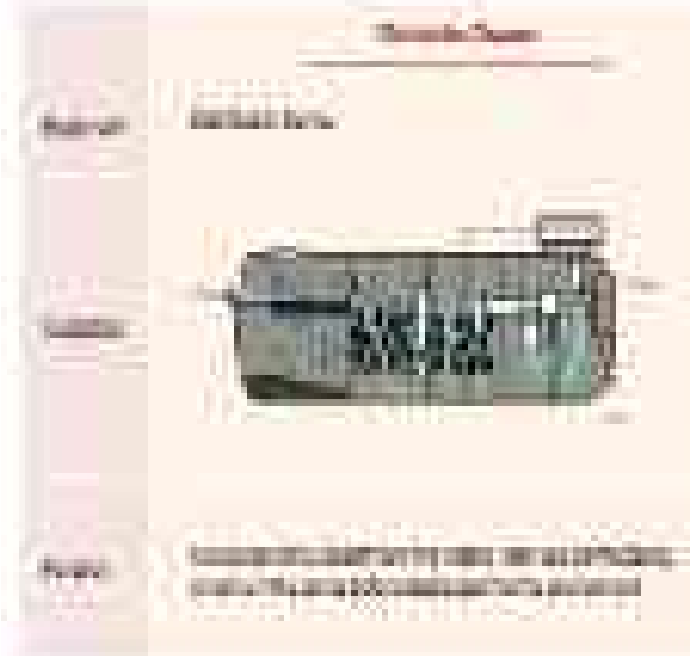

7.4 Operational Details

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[illegible]

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7.5 Financial Details

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ABSOLUTE TECHNI-FILTER

8.1 Introduction

[illegible]

[illegible]

8.2 Portability

[illegible]

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[illegible] of Excitability

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- [illegible]

8.3 Technical Details

Design and Preserve Tower Cables

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- [illegible]
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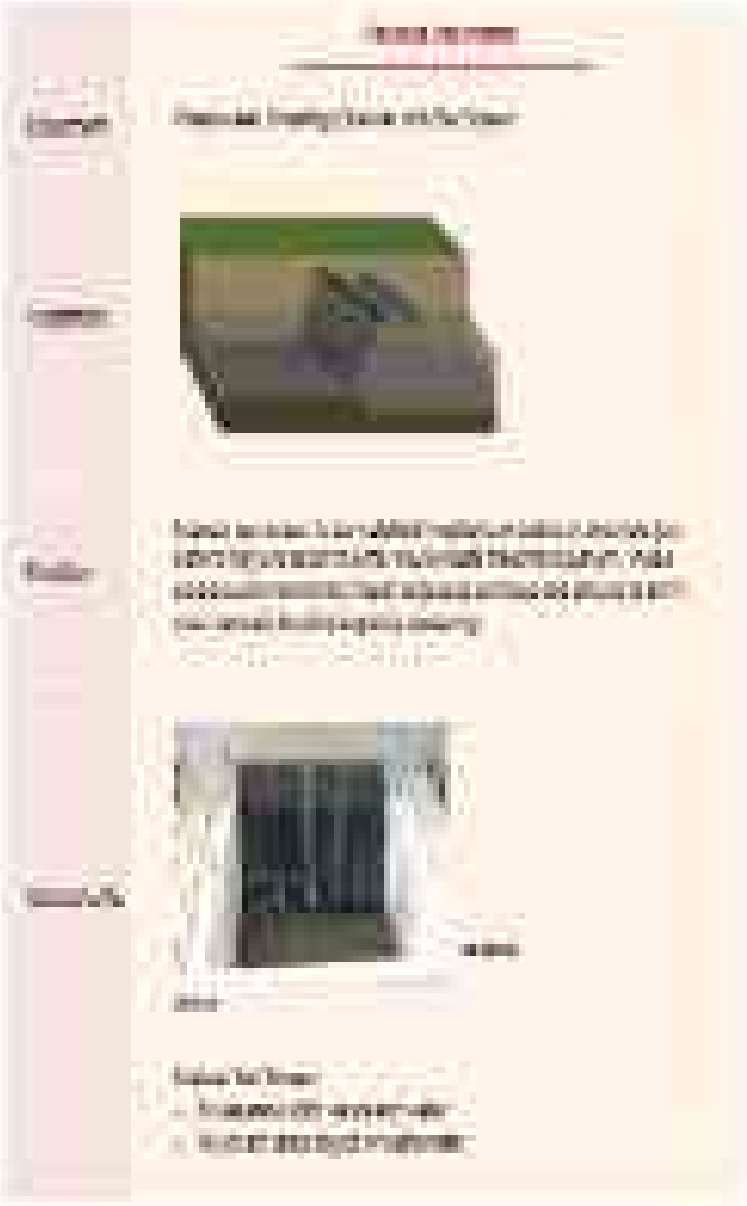
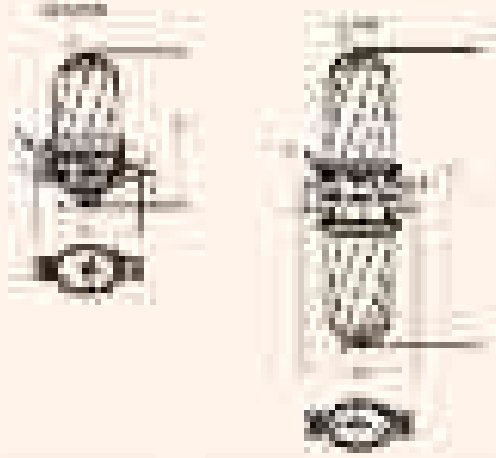
- [illegible]





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	[illegible]	[illegible]

OTHER TECHNOLOGIES

COMMUNITY HORIZONTAL FILTER SYSTEM

8.1 Introduction

[illegible]

Image: [illegible]

8.2 Feasibility

[illegible]

[illegible]

3.3 Technical Details

Design and Process Description

Example	[illegible]
Condition	
Limits	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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3.4 Financial Details:

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	4. [illegible]	[illegible]
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	2. [illegible]	[illegible]

10 COMMUNITY VERTICAL COAL PIT

10.1 Introduction

[illegible]

Image 10: Community vertical Coal Pit

10.2 Feasibility

Image: [illegible]

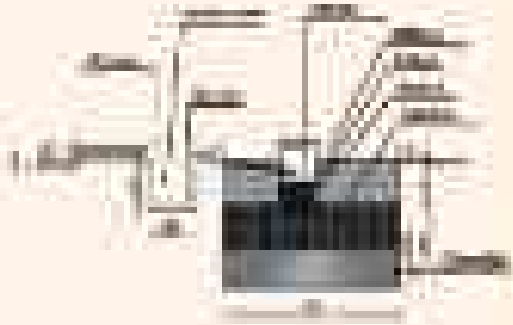
[illegible]

10.3 Technical Details

Design and Process Description

[illegible]

[illegible]



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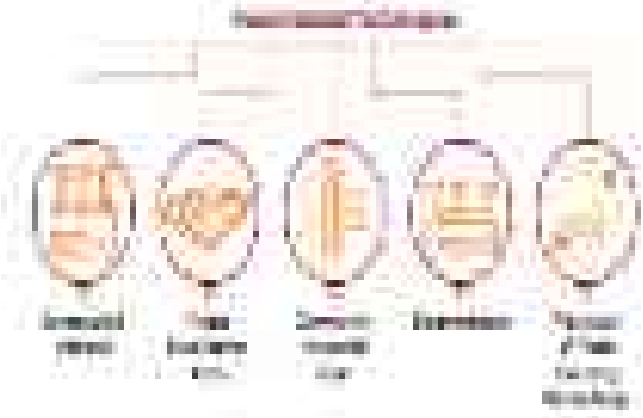
DECISION MATRIX FOR ADOPTION OF GMM TECHNOLOGY



For High Water Table Areas

Sl. No.	Number of Cities	Local Authority	Indicator Technology	Indicator Description	Source Technology
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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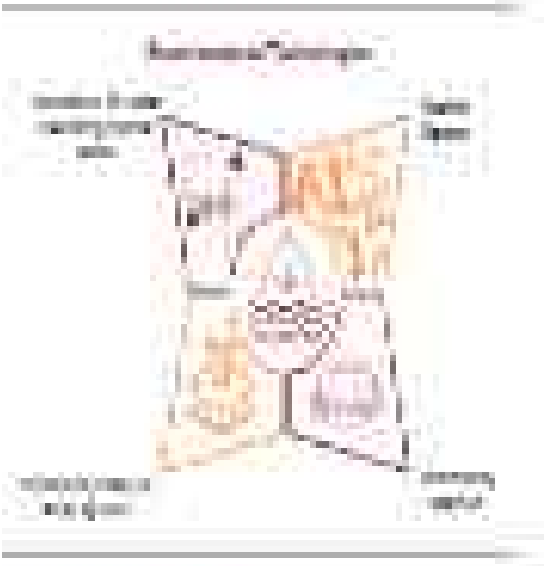
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

LOW WATER TABLE AREAS



For Low Water Table Areas:

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VILLAGES WITH POPULATION MORE THAN 5000

[illegible]

For Population More than 5000

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VILLAGES WITH POPULATION LESS THAN 5000

For Population Less Than 5000

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CASE STUDIES

JAPAN NEWS

Image: [illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

Image: [illegible]

[illegible]

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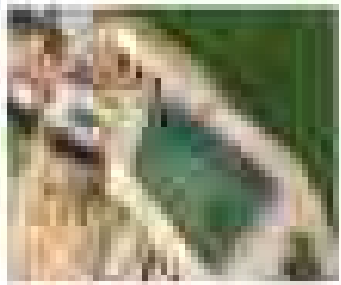

[illegible]

COMMUNITY DEVELOPMENTAL FACTOR

[illegible]

[illegible]

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[illegible]

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COMMUNITY SEPTICAL SHAK PIT

Image 1: [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Image 2: Community septical shak pit

[illegible]

WASTE STABILIZATION POND

[illegible]

[illegible]

[illegible]

CONSTRUCTED WETLAND

[illegible]

[illegible]

[illegible]

Phytoid Plant Constructed at Bhilai

Phytoid Plant Constructed at Dhoda, Haryana

REMARKS