NAWT

National Association of Wastewater Technicians

THE LIFE CYCLE OF OWTS SUMMARY

KIM SEIPP, NAWT

INTRODUCTIONS

- NAWT –
  - NATIONAL ASSOCIATION OF WASTEWATER TECHNICIANS
- KIM SEIPP
  - HIGH PLAINS SANITATION SERVICE – OWNER
  - NAWT – EDUCATIONAL COORDINATOR
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The material being presented does not reflect the opinions of NOWRA

NAWT TRACK PLAN FOR TODAY

- Introduction – Life Cycle & Principles of OWTS
- Beginning of the Life Cycle – Design Principles
- Beginning & Early Life – Installation Principles
- Mid-Life – Operations & Maintenance Principles
- Mid-Life – Inspection
- All during the Life – Basic Business Principles
- After Life – Waste Treatment Principles
- Summary – Why we care and where we go from here

INTRODUCTION

- Short History of Human Sanitation
- Life of an Onsite Wastewater Treatment System
- Why a Principled Approach
- Introduction to the Business End of OWTS
- Summary and Introduction of Sessions to Follow

PRINCIPLES OF DESIGN

- Basic Principles that apply across the country for Design regardless of regulations
- Designers purpose and Goals
- Why a Principled Approach
- The Importance of Understanding Soils
- The Importance of Specific OWTS Education

NAWT – LIFE STAGES & INSTALLATION PRINCIPLES

- Introduction to Installation
- Unique Position of the Installer in the Life Cycle
- Understanding Soils, Wastewater and Treatment
- Understanding Basic Design Principles
- Being a Professional Installer

- Introduction to Operations & Maintenance of OWTS
- What is O&M and Why is it Important
- Conventional O&M
- Advanced O&M
- Business of O&M

NAWT – MID-LIFE OPERATIONS & MAINTENANCE PRINCIPLES

NAWT – MID-LIFE INSPECTIONS & PRINCIPLES

- Introduction to Inspections
- Defining the “System” and “Evaluation
- Establishing a Protocol and Standard
- Being a Professional Inspector

NAWT – BUSINESS 101

- Business Principles of OWTS
- Promoting Good Business Practices in OWTS
- Business Mindset and Basic Understanding of Business
- Being a Professional Inspector