

Deeping Professionalism in the Onsite Treatment Industry

Making Professionalism part of YOU: PASEO 2023

Our Industry

- Decentralized Systems
- Designers
- Installers
- Inspectors: “Existing Systems”
- Regulators: “New Systems”
- Maintainers

What is Professionalism?

- **Competence/ Skills/ What you do**
- **Knowledge/ Understanding/ What you know**
- **Conscientiousness/ Upstanding/ Right Decisions**
- **Integrity/ What is right/ Even when not Seen**
- **Respect/ Communication thru the Process**

Professionalism

- ❑ Understanding our Goal
- ❑ Understanding the Process
- ❑ Understanding the Tools

Understanding the Goals

- ❑ Wastewater Treatment
- ❑ Wastewater Acceptance
- ❑ Sustainability
 - ❑ Affordable
 - ❑ Serviceable
 - ❑ Service life

Wastewater Treatment

- Environmental protection
 - Nitrogen
- Public health protection

Wastewater Acceptance

- System sizing
 - Hydraulic
 - Organic
- System life

Sustainability

- Affordable
- Serviceable
- Electrical input
- Service life

Understanding the Process

- Design
- Installation
- Management

The Design Process

- The use
 - Flow
 - Organic loading
- The Site
 - Soils
 - Landscape
 - Area

Soil Science & Engineering

- Soil Descriptions
- Soil Characteristics
- Perc Testing

Understanding the Tools

- Standards
 - Inspections
- Technologies
 - Soil treatment
 - Gravity
 - Pressure
 - Treatment technologies

Existing System Inspections

- Process
- Answers
- Relationships
 - Repairs

Going Deeper

- Making it real
- Standards
 - Inspections
 - Treatment requirements
- Management
- Performance documentation

Questions

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