

Sewer Rehab and Aeration

Instructors: Barry Howell, Visu-Sewer & Randy Chann

Wednesday, March 27, 2024

LOCATION.....Jefferson College Hillsboro – Student Center Viking Room

COST.....\$125 per person

CRN #.....38344

DNR #.....2406260

Drinking Water	Distribution	Wastewater	CAFO
0.0	0.0	6.0	0.0

Morning Course Itinerary: Barry Howell, Visu-Sewer

- 8 – 8:30 a.m. Registration, Log-in, Refreshments
- 8:30 – 9:30 a.m. Structural Assessment & Rehabilitation in Sanitary Sewer Systems
- 9:30 – 9:40 a.m. Break
- 9:40 – 10:40 a.m. Part I: Sewer Rehabilitation Design and Review Based on CCTV Inspection
- 10:40 – 10:50 a.m. Break
- 10:50 – 11:50 a.m. Part II: Sewer Rehabilitation Design and Review Based on CCTV Inspection
- 11:50 a.m. – 12:20 p.m. Lunch

Afternoon Course Itinerary: Randy Chann

12:20 – 1:20 p.m. Aeration- Part I

- The biological process
- Role of oxygen and microorganisms

1:20 – 1:30 p.m. Break

1:30 – 2:30 p.m. Aeration- Part II

- How was your plant designed?
 - a. Activated sludge processes
 - b. Stabilization Lagoon processes
- Your role in opening the plant?
 - a. What can you control?
 - b. What are the impacts on process performance?
 - c. How much aeration is required?
 - d. Importance of residual DO

2:30 – 2:40 p.m. Break

2:40 – 3:40 p.m. Aeration-Part III

- The basics and impacts
 - a. Types of diffusers
 - b. Types of mechanical aerators
- Operating characteristics
- Maintenance requirements
- Operating Strategies

**GREEN WASTEWATER
VOUCHERS ARE APPROVED
FOR THIS SEMINAR**

HOW TO REGISTER:

PHONE

MC/VISA/Discover only

Call our 24-Hour Customer Service Line:
(636) 481-3144 / TDD (636) 789-5772

MAIL

Use registration form (below) & mail to:
Lore Robart
Jefferson College
1000 Viking Drive
Hillsboro, MO 63050

IN PERSON

Jefferson College Hillsboro, CTE101
Workforce & Employment Services
Mon-Fri: 7-3:30 p.m.

E-MAIL

MC/VISA/Discover only
lrobart@jeffco.edu

**Requests for refunds must be made
48 hours prior to course starting time**

Use this form for mail-in and fax registration only. Please make check payable to JEFFERSON COLLEGE.

CONTINUING EDUCATION REGISTRATION FORM

☐ Male

☐ Female

Last

First

Middle

Social Security #
OR Student ID

Address

Street

City

State

Zip

Home Phone

Business Phone

Date of Birth

E-mail

**Request for full refund
must be made
48 hours prior to
course starting time.**

PLEASE REGISTER ME FOR THE FOLLOWING COURSE:

Reference #	Course Title	Day & Time	Date Begin	Fee
38344	Sewer Rehab and Aeration	Wednesday, 8 AM	March 27, 2024	\$125

☐ MasterCard ☐ VISA ☐ Discover Card #

Exp. Date

OFFICE USE ONLY: ☐ Phone ☐ Walk-In ☐ Mail ☐ Fax ☐ On-Site

Received by:

Date:

Time:

A.M.

P.M.