

Feedwater Supply and UF Pretreatment

Workshop

June 25, 2019

Clearwater, FL.

.675 CEU's



Agenda

8:00 – 10:00 AM Cathleen Jonas and Jim Dozier – Wellfield Construction and Maintenance

- Occurrence of brackish water zones
- Developing a brackish water wellfield
- Wellfield modeling
- Wellfield maintenance

10:00 – 10:15 AM Break

10:15 – Noon Skip Beach – Well Pumps and Well Pump Maintenance

- Basics of vertical turbine pumps
- Vertical turbine pump design
- Factors in selecting a vertical turbine pump
- Vertical turbine pump installation and testing
- Vertical turbine pump maintenance

Noon – 1PM Lunch

1:00 – 2:00 PM – Wellfield Instrumentation

- Typical well instrumentation
- Well instrumentation installation and calibration
- Well to plant communication/SCADA
- Well instrumentation maintenance

2:00 – 3:00 PM Shaleena Smith and Jim Dozier – UF for RO Pretreatment

- Applications of UF
- How UF works
- Types of UF membranes
- Analysis and interpretation of trending data
- Sizing criteria for UF
- Cleaning processes
- Water quality and UF projections
- Trouble shooting – fouling types/trends
- Membrane integrity monitoring

3:00 – 3:45 PM Plant Tour (City staff)

Thank you to our Host Facility:



Address:

21133 US highway 19 N, Clearwater
FL. 33765

Hotels in Area:

La Quinta Inn by Wyndham

21338 US Hwy 19 N. Clearwater, FL 33765
(727) 799-1565 .4 miles from the plant

Holiday Inn Express and Suites

2580 Gulf to Bay Blvd. Clearwater, FL 33765
(727) 797-6300 .7 miles from the plant

Fairfield Inn and Suites by Marriott

3070 Gulf to Bay Blvd. Clearwater FL. 33759
(727) 724-6223 2 miles from the plant

Thank you to our Sponsors:

FEEDWATER SUPPLY & UF PRETREATMENT WORKSHOP



REGISTRATION FORM

Southeast Desalting Association (SEDA)

PHONE: 772-781-7698 ♦ **FAX:** 772-781-4240

EMAIL: registration@southeastdesalting.com ♦ www.southeastdesalting.com

354 NW Alice Ave ♦ Stuart, FL 34994

**For Official
Use Only**

	Date R'vd
	DB
	Code #
	Inv. #
	Net
	Paid
	Ltr
	DB

Name: _____ Title: _____

Company: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Cell: _____ Fax: _____

E-mail: _____ Website: _____

I would like to receive email messages from SEDA about Events or Activities: YES NO

License Type: _____ Level (i.e., A, B, or C): _____ Lic.#: _____

Registration and Payment in full must be received to reserve your space: (No Exceptions)

SEDA Members: Amount
\$150 _____

Non-Members: \$250 _____

The registration fee includes CEUs/PDHs, the shipment of the MOC Manual to the address listed above upon receipt of full payment. If an alternate address for shipment is requested, please provide the preferred shipping address by calling SEDA at 772-781-7698. For payments received within five (5) business days of the school, the MOC Manual will be provided on the first day of class.

Total Registration Fee \$ _____

Special Needs:

Wheelchair Access

Visually Impaired

Hearing Impaired

Other _____

METHOD OF PAYMENT: Payable to: **Southeast Desalting Association**

Mail to: 354 NW Alice Ave, Stuart, FL 34994

Check Enclosed for \$ _____ Please Invoice

Visa M/C AX Card # _____ + _____

(16 #'s + 3 #'s listed in the signature area on back of Visa/MC or + 4 #'s on front of AX)

Name on CC: _____

CC Mailing Address: _____ CC Mailing Zip: _____

Signature _____ Expiration Date: _____

Cancellations/Refunds...

Written cancellation requests received by the Southeast Desalting Association (SEDA) at least 5 days before a scheduled event will receive a refund, less a \$50 administrative processing fee upon return receipt to SEDA office of the unaltered MOC Handbook. Without return receipt of the unaltered MOC Handbook the cancellation fee will be \$200 (includes administrative processing fee and handbook fee). Full payment is required if the request is received less than 5 days of the scheduled event and no refund will be available. A credit may be issued less a \$25 recordkeeping fee towards a future event provided that it is redeemed within 12 months of the credited scheduled event. The credit will be forfeited if not used within the 12 months timeframe. A substitution of the registrant may be made any time without cost up to the date of the event. The requested amount of a refund or credit must exceed their respective administrative processing fees as described above in order to be considered. SEDA reserves the right to make changes to the scheduled event including but not limited to changing the event location, scheduled date(s), program and speakers, or to cancel the event in its entirety when conditions beyond its control prevail. If the event is cancelled, SEDA's liability is limited to providing a full refund of the fees paid toward the scheduled event.