

## DIRECTIONS:

**Hearthstone Manor, 333 Dick Road, Depew 14043**  
**Phone 716-684-8850**

Take I-90 to the Walden Ave. East Exit, Exit 52E, towards Cheektowaga. From Walden Ave., turn left onto Dick Rd. / CR-317. Hearthstone Manor is on the right.

**Siewert Equipment, 175 Akron St, Rochester 14609**  
**Phone 585-482-9640**

**From the West:**

Take I-90 E to 490 E, Exit 47. Then take Culver Road Exit 19. Turn left on Culver Road. Turn right on East Main, then left onto Akron. Siewert Equipment is on your left at the corner of Akron and East Main.

**From the East:**

Take I-90 W to 490 W, Exit 45. Take 490 to 590 N, Exit 21. Then take Browncroft Blvd Exit 7. Turn left on Browncroft, then Right on Merchants Road, continue on Merchants past Winton Road, then turn left onto Akron Street.

**Hampton Inn, 417-7<sup>th</sup> North St, Liverpool, 13088**  
**Phone 315-457-9900**

Exit 36 off of the NYS thruway, to RT 81 South, to Exit 25. Turn right off exit onto 7th North Street. Hotel is on left. From Rt. 81 take exit 25, and turn right off exit. Hotel is on the left.

**Ramada Inn, 6300 Arsenal St (Rt 3), Watertown 13601**  
**Phone 315-788-0700**

**From the North:**

Follow I-81 South to Exit 45. Make a right off the exit onto Arsenal Road. The Ramada will be on your left.

**From the South:**

Follow I-81 North to Exit 45. Make a left off the exit onto Arsenal Road. The Ramada will be on your left.

**Siewert Equipment, 244 First Street, Troy 12180**  
**Phone 518-272-3431**

Take I-87 to Exit 6-7: Route 7 East Exit toward Downtown Troy. Right at fork onto Hutton Street. Left on River Street/US-4. Continue on River Street/US-4. Right on Jefferson Street. Left on First Street.

**Holiday Inn, 542 Route 9, Fishkill, 12524**  
**Phone 845-896-6281**

We are easily accessible from exit 13N off I-84 at Rt. 9 in Fishkill, NY.

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NYWEA  
525 Plum Street  
Suite 102  
Syracuse, NY 13204



Presented by the  
Member Education Committee

## Wastewater Collections Seminar

**February 23, 2010**  
Hearthstone Manor, Depew  
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**February 24, 2010**  
Siewert Equipment, Rochester  
\*\*\*

**March 9, 2010**  
Hampton Inn, Liverpool (N. Syracuse)  
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**March 10, 2010**  
Ramada Inn, Watertown  
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**March 11, 2010**  
Siewert Equipment, Troy  
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**March 22, 2010**  
Holiday Inn, Fishkill  
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**6.0 Wastewater Contact Hours**  
**5.5 PDHs**

Sponsored by:  
**Siewert Equipment**

[www.nywea.org](http://www.nywea.org)

# AGENDA

REGISTRATION: 8:00 AM -8:30 AM

| <b>Wastewater Collections Seminar</b> |  |
|---------------------------------------|--|
| <b>8:30 am (90 min.)</b>              | Discussion and presentation of various types of sewage pumps and pump stations. <ul style="list-style-type: none"> <li>• Traditional solids handling pumps</li> <li>• Dry Pit</li> <li>• Submersible</li> <li>• Self Priming</li> <li>• Case Studies: Design considerations, proper application and selection</li> </ul> |
| <b>10:00-10:15</b>                    | <b>Break</b>   |
| <b>10:15 am (105 min.)</b>            | Sewage pumps and pump stations, continued. <ul style="list-style-type: none"> <li>• Pros &amp; Cons - what to watch out for</li> <li>• Pump Station design and application</li> <li>• Maintenance considerations</li> </ul>  |
| <b>12- 1:00 pm</b>                    | <b>Lunch</b>   |
| <b>1:00 pm (75 min.)</b>              | Low Pressure Sewer Systems <ul style="list-style-type: none"> <li>• What is LPS?</li> <li>• Where LPS should and can be used</li> <li>• Designing an LPS system</li> <li>• Different grinder pumps used for LPS</li> <li>• Case study</li> </ul>   |
| <b>2:15-2:30</b>                      | <b>Break</b>   |
| <b>2:30 pm (60 min.)</b>              | Screening and grinding technology overview. <ul style="list-style-type: none"> <li>• Review different technologies</li> <li>• Where and when to use</li> </ul>   |
| <b>3:30 pm</b>                        | Q&A Session – Assessment of Learning   |
| <b>4:00 pm</b>                        | End of Session.  |

**Registration fee includes lunch and AM & PM Breaks**

# INSTRUCTORS

Kevin J. Ryan, Kevin Conway, and David Wetsel of Siewert Equipment are all degreed engineers with more than 60 years combined experience in the pump/wastewater industry.

Bob Moll, Northeastern Regional Manager for the Environment One Corporation, is a degreed engineer with 31 years industry experience.

## Who Should Attend

Wastewater & water plant operators; professional engineers; persons interested in and who work with clarifiers in both wastewater and water treatment plants. The course is suitable for on-going educational contact hours; students; regulatory personnel, and any others who may either be interested in the design, application, selection and operation of wastewater collection systems.

**Available Contact Hours**  
**Wastewater Contact Hours: 6.0**  
 DEC RTC 11872-10  
**5.5 PDHs**  
**You must be present for entire day.**  
**No partial credit given.**

√ **Mark Your Calendar**  
**June 7-9, 2010**  
**NYWEA Spring Technical Conference**  
 Radisson Hotel Rochester Riverside

*A great opportunity to learn & network!*

# REGISTRATION FORM

*(Please register no later than 1 week prior to workshop)*

## Wastewater Collections Seminar

**Check One (✓)**

- February 23, 2009 Hearthstone Manor, Depew
- February 24, 2009 Siewert Equipment Rochester Office
- March 9, 2010 Hampton Inn, Liverpool (N. Syracuse)
- March 10, 2010 Ramada Inn, Watertown
- March 11, 2010 Siewert Equipment Troy Office
- March 22, 2010 Holiday Inn & Conference Ctr, Fishkill

NAME: \_\_\_\_\_

EMPLOYER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

**Certificate Requested: Please Check (✓).**

- Wastewater**    **PE**

Fax or mail form to:

NYWEA  
 525 Plum Street, Suite 102  
 Syracuse, NY 13204

Phone: (315) 422-7811 • Fax: (315) 422-3851

**Cost (includes lunch & breaks)**

Please Check One (✓).

- NYWEA Member      \$15.00
- Non-Member\*      \$95.00

**Payment:**  **Cash**    **Check**    **Voucher**  
**Credit Card:**

Visa # \_\_\_\_\_

MasterCard # \_\_\_\_\_

AMEX # \_\_\_\_\_

Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

**Make Checks Payable to NYWEA**

**\*Non Member registration includes a one year Affiliate Membership.**