# The 4Ms of Collection System Management: The Saga Continues

## AGENDA AND PROGRAM

### WEDNESDAY, January 22

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 10:00 am</td>
<td>Registration and Continental Breakfast</td>
</tr>
<tr>
<td><strong>OPENING SESSION</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 10:00 - 10:15 am | Welcome/Opening Comments/ Workshop Overview  
Leigh Cerda, P.E, B&N, Inc. |
| 10:15 - 11:00 am | Flow Monitoring Technology Application  
Steve McManus, Teledyne Isco  
Steve McManus, Teledyne Isco |
| 11:00 - 11:30 am | Flow & Rainfall Monitoring Networks and Remote Telemetry   
Phil Brenner, Hach  
Phil Brenner, Hach |
| 11:30 - 12:00 pm | What Color is Your System? pH Mapping of your system  
Mary Evans, Premier Magnesia, LLC. |
| 12:00-1:30 pm | Lunch (Provided) Networking & Exhibits |

### THURSDAY, January 23

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td><strong>SESSION #4</strong></td>
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<tr>
<td>8:00-8:30 am</td>
<td>Continental Breakfast and Networking in Exhibit Hall</td>
</tr>
</tbody>
</table>
| 8:30 – 9:00 am | Find It/Fix It: Effective Sanitary Sewer Management  
Michael Hagan and Stephanie Bache  
Parson Environment Infrastructure |
| 9:00 - 9:30 am | Design of Hydraulic Control Structures for Sanitary Sewer Interceptors  
Jonathan Vorhees, CH2MILLL |
| 9:30 - 10:00 am | Microtunneling Option Considered for Sewer Across Shallow Bay  
Wayne Hunter, RPS |
| 10:00-10:30 pm | Networking & Exhibits                      |

### SESSION #5

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<th>Time</th>
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</table>
| 10:30 - 11:00 am | Funding Resources  
Mark Pearson,  
Community Resource Group |
| 11:00 - 11:30 am | TCEQ Chapter 217 Rules Update - Status  
Louis Herrin, TCEQ |
| 11:30 - 12:00 pm | Panel Discussion—Includes all presenters from Day 2 of Conference |

### SESSION #3

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<th>Time</th>
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</table>
| 1:30 – 2:00 pm | Innovations in Sewer Inspection Technologies  
Bruce Jameson, Ace Pipe |
| 2:00 - 2:30 pm | NASSCO PACP/MACP/LACP – The Trainer’s Perspective  
Gerald Boman, B&N, Inc. |
| 2:30 – 3:00 pm | Cease the Grease  
Helen Dulac, DWU |
| 3:00 - 3:30 pm | Networking & Exhibits                      |
| 3:30 - 4:00 pm | SSOs: Locking up Repeat Offenders  
Travis Andrews, City of Fort Worth Water Department |
| 4:00-4:30 pm | Combating Grease & Rags in a Reconfigured Lift Station  
Doug Baker, Brown & Gay |
| 4:30 – 5:00 pm | Panel Discussion—Includes all presenters from Day 1 of Conference |
| 5:30 – 7:00 pm | NETWORKING RECEPTION IN EXHIBIT HALL         |

## EXHIBITORS

- ACE Pipe Cleaning
- Bulldog Steel Products
- Burgess & Niple, Inc.
- C.C. Lynch & Associates, Inc.
- Data Flow Systems, Inc.
- Duke’s Root Control, Inc.
- Evergreen Southwest
- Geneva Polymer Products
- Hadronex, Inc.
- Helix Laboratories, Inc.
- Hobas Pipe USA
- InfoSense, Inc.
- Macaulay Controls Company
- McIntire Management Group
- Municipal Valve & Equipment
- Quadex
- Texas Municipal Equipment
- US Composite Pipe, Inc
- Wachs Water Services

Thank you, Sponsors!

### ABOUT THE WORKSHOP

In the first 4Ms conference, the basics of collection system mapping, flow monitoring, hydraulic modeling and master planning were presented. This second conference is designed to move beyond the basics of collection system management to flow and condition assessment analysis, maintenance and operations optimization, system needs prioritization and funding, long range planning and regulatory compliance. Speakers will include industry and municipal leaders in their field of expertise. Register on line at www.weat.org.

### OPERATOR CERTIFICATION

8 Certification hours have been requested through TCEQ.

### OVERNIGHT ACCOMMODATIONS

WEAT has reserved a limited block of rooms at the Embassy Suites, 1001 McCarty Lane, San Marcos, TX 78666. Free parking.

WEAT has obtained discounted single or double rates of $135.00. The reservation deadline is January 10, 2014. After this date, reservations will be accepted on an availability basis. Be sure to mention WEAT when making your reservation.

- **From Austin**: Take I-35 South toward San Marcos, Texas. Exit at the McCarty Lane Exit (Exit 201). Take a left on McCarty Lane. From San Antonio: Take I-35 North toward San Marcos, Texas. Exit at the McCarty Lane Exit (Exit 201). Take a right on McCarty Lane. From Houston: I-10 West to U.S. 183 North to SR-80. Take I-35 South to McCarty Lane Exit.
- **RESERVATIONS**
  To make your reservations, call 512-392-6450. Be sure to mention WEAT when making your reservation.

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  - Flow Monitoring Technology Application
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  - Flow & Rainfall Monitoring Networks and Remote Telemetry
    - Phil Brenner, Hach
  - What Color is Your System? pH Mapping of your system
    - Mary Evans, Premier Magnesia, LLC.

- **SESSION #2**
  - Innovations in Sewer Inspection Technologies
    - Bruce Jameson, Ace Pipe
  - NASSCO PACP/MACP/LACP – The Trainer’s Perspective
    - Gerald Boman, B&N, Inc.

- **SESSION #3**
  - SSOs: Locking up Repeat Offenders
    - Travis Andrews, City of Fort Worth Water Department
  - Combating Grease & Rags in a Reconfigured Lift Station
    - Doug Baker, Brown & Gay

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  - Continental Breakfast and Networking in Exhibit Hall
  - Find It/Fix It: Effective Sanitary Sewer Management
    - Michael Hagan and Stephanie Bache
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    - Jonathan Vorhees, CH2MILLL
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