Two convenient locations:

Northern California
Tuesday, January 17, 2012
SFPUC - Southeast Community Facility
1800 Oakdale Avenue
San Francisco, CA 94124

Southern California
Wednesday, January 18, 2012
City of LA Hyperion WTP
12000 Vista Del Mar
Playa del Rey, CA 90293

Workshop Overview:

Get the latest information you need to know about co-digesting FOG and food waste from suppliers to operators. This workshop will provide information about the state of the regulations, availability and competition for FOG and food waste, operational experiences, and considerations that can be incorporated into new designs.

Who Should Attend:

Operators, practitioners, and managers practicing in the wastewater, and resource recovery industries throughout California.

Approved for CWEA Contact Hours:

- Environmental Compliance Inspector (ECI)
- Laboratory Analyst (LAB)
- Operator (OP)
- Biosolids Land Application Management (BLAM)

Earn up to 8.9 CWEA Contact Hours

CWEA Specialty Conferences
7677 Oakport Street, Suite 600
Oakland, CA 94621
Phone: (510) 382-7800 ext. 115
Fax: (510) 382-7810
Register online at www.cwea.org/conferences

CWEA and its Board, members and volunteers are not responsible for the actions of speakers or the contents of their papers, and no endorsement is implied or given of any persons or their philosophies, ideas or statements; nor of any products or processes; nor of any organizations or companies who volunteer to serve as speakers at the workshop.

California Water Environment Association
7677 Oakport Street Suite 600
Oakland, CA 94621-135

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Permit #1483

CWEA One-Day Specialty Workshop

Biosolids: Energizing Your Gas Production. FOG and Food Waste Co-Digestion Workshop

- → **Gain knowledge** about current regulations, economics, agreements, and the availability/ completion of FOG and food waste.
- → **Find out** the "dos" and "don'ts" of designing the FOG systems.
- → **Walk away with** more knowledge about how to energize your digestion process.

Tuesday, January 17, 2012
San Francisco, CA

Wednesday, January 18, 2012
Playa del Rey, CA

Los Angeles Basin Section CWEA

SAN FRANCISCO BAY SECTION
California Water Environment Association

Brought to you by CWEA, its Los Angeles Basin Section and San Francisco Bay Section

Earn up to 8.9 CWEA Contact Hours

Tuesday, January 17, 2012 - SFPUC - Southeast Community Facility

7:30 am - 8:00 am	Registration	
8:00 am - 8:05 am	Opening Remarks	Todd Jordan, CWEA Specialty Biosolids Chair, Carollo Engineers
8:05 am - 8:50 am	FOG Delivery Agreements for Digester Gas Enhancement Projects	Paul Worlie Liquid Environmental Solutions
8:50 am - 9:35 am	Supply-Side Economics: Evaluation of the Potential Supply of Co-Digestion Substrates and Competition for the Resource	Bob Wimmer Black and Veatch
9:35 am - 9:50 am	Networking Break	
9:50 am - 10:35 am	New Revenue Opportunities in Carbon Credits and Renewable Energy Credits from Organic Waste Diversion including Food Waste Digestion	Joel Levin Climate Action Reserve
10:35 am - 11:20 am	FOG Systems That Work	Ryan Sellman Carollo Engineers, Inc.
11:20 am - 12:00pm	FOG Co-Digestion Systems	Richard York FOG Energy Corporation
12:00 pm - 1:00 pm	Lunch Provided	
1:00 pm - 1:45 pm	FOG Collection and Co-Digestion	Bonnie Jones and Alex Miot SFPUC
1:45 pm - 2:30 pm	FOG Regulations	Mike Moore HDR Inc.
2:30 pm - 2:45 pm	Networking Break	
2:45 pm—3:30 pm	CoEAT	Laura Moreno EPA Region 9
3:30 pm - 4:15 pm	Co-Digestion of Food Processing Waste	Erik Jorgensen EMWD
4:15 pm - 5:00 pm	Food Waste: Moving From There to Here	Kelly Runyon, Environmental Science Associates

Wednesday, January 18, 2012 - City of Los Angeles - Hyperion Treatment Plant

7:30 am - 8:00 am	Registration	
8:00 am - 8:05 am	Opening Remarks	Dave Bacthel, CWEA Specialty Biosolids Vice-Chair
8:05 am - 8:50 am	FOG Delivery Agreements for Digester Gas Enhancement Projects	Paul Worlie Liquid Environmental Solutions
8:50 am - 9:35 am	Supply-Side Economics: Evaluation of the Potential Supply of Co-Digestion Substrates and Competition for the Resource	Bob Wimmer Black and Veatch
9:35 am - 9:50 am	Networking Break	
9:50 am - 10:35 am	New Revenue Opportunities in Carbon Credits and Renewable Energy Credits from Organic Waste Diversion including Food Waste Digestion	Joel Levin Climate Action Reserve
10:35 am - 11:20 am	FOG Economics—A Case Study	Paul Cockrell, El Dorado Engineering and Architecture
11:20 am - 12:00pm	FOG Collection and Co-Digestion	Bonnie Jones and Alex Miot SFPUC
12:00 pm - 1:00 pm	Lunch Provided	
1:00 pm - 1:45 pm	***Hyperion FOG System Tour***	Emmanuel Alloh City of Los Angeles
1:45 pm - 2:30 pm	FOG Co-Digestion Systems	Richard York FOG Energy Corporation
2:30 pm - 2:45 pm	Networking Break	
2:45 pm—3:30 pm	CoEAT	Laura Moreno EPA Region 9
3:30 pm - 4:15 pm	Food Waste: Moving From There to Here	Kelly Runyon Environmental Science Associates
4:15 pm - 5:00 pm	Co-Digestion of Food Processing Waste	Erik Jorgensen EMWD

Biosolids Specialty Workshop Registration Form

First Name Last Name Name for Badge

Agency/Company

Address

City State Zip Code

Attendee Email Address

Phone Fax Number

Emergency Contact Phone

___ **Member** CWEA , WEF or CA-NV AWWA Mbr # _____
(Current membership required for member rates.)

___ **Special Services:** Please check here if you require special accommodations to fully participate. Attach a written description of your needs.

Register for:	**Tuesday 1/17 San Francisco**	**Wednesday 1/18 Playa del Rey**
Early Bird Member Rate **Before January 2nd**	□ $165	□ $165
Early Bird Regular Rate **Before January 2nd**	□ $231	□ $231
Member Rate **After January 2nd**	□ $185	□ $185
Regular Rate **After January 2nd**	□ $251	□ $251

Method of Payment:

☐ Check "CWEA 2012 Biosolids" ☐ Discover

☐ Visa ☐ MasterCard

☐ American Express ☐ Purchase Order — Must be attached

Credit Card # Exp. date

Name as it appears on the card Billing Zip Code

Signature

If more than one person from your agency, please photocopy and submit one form for each person.

Written cancellation notice is required, and must be received at least 15 days prior to the conference date. A 25% service fee shall be retained on all cancellations. No refunds shall be given for cancellations made less than 15 days prior to any conference.

All fees for conference registration shall be paid in full at the time of pre-registration or on-site registration. Full payment may be made by credit card, personal check or company/agency check. Purchase orders are acceptable and must be attached to the registration form. Registrations received by CWEA without full payment or purchase order will not be processed.

Register online at: www.cwea.org/conferences
Credit Card payments may be mailed to the CWEA office
OR FAX completed forms to (510) 382-7810