

Winter 2010

the Innovator

A NEWSLETTER PUBLISHED EXPRESSLY FOR THOSE WORKING IN THE SEWAGE INDUSTRY

IN THIS ISSUE

Informal Review

Frank Hay

President's Report

Frank Hay

Sampling Wastewater

Frank Hay

Call for Director

Nominations

Braden Marshall

Director Nomination Form

Electronic Filing Process &

Central Registry

Frank Hay

WOWTC Year End Report

Liz Stewart-Jones

WOWTC 2010 Course Schedule



PO Box 37035
RPO Millstream
2401F Millstream Road
Victoria BC V9B 0E8
www.bcoassa.com
Tel: 250-391-8442
Fax: 250-391-8446

14th ANNUAL CONFERENCE & TRADESHOW

14th Annual Conference & Tradeshow

March 18 - 21, 2010



VANCOUVER ISLAND
CONFERENCE CENTRE

Bold Ideas. Naturally.

Vancouver Island Conference Centre

101 Gordon Street
Nanaimo BC

The BC Onsite Sewage Association is proud to present our
14th AGM Conference & Tradeshow.
Come and participate in the exciting itinerary and tradeshow!

Product Certification
Soil Morphology
Sludge Management
System Management
Nutrient Control
Soil Values for System Design
And much more!

Key Note Speaker

Dr. Jerry Tyler

For over thirty years Dr. Tyler has researched the acceptance and treatment of onsite wastewater by soil. Dr. Tyler is the author of internationally accepted hydraulic and linear loading rate tables. He is an expert on soil morphology and system design.

Dr. Tyler will be presenting our key note address and providing a full day workshop on Sunday March 21st on Selecting Onsite Wastewater System Design Values based on Soil Morphology.

BCOSSA BOARD

Frank Hay *President/CEO*

Stephen Warren *Vice President*

Tim Wilson *Treasurer*

Ian Ralston *Director*

Braden Marshall *Director*

Stephanie Unrau *Director*

John Hayton *Director*

Colin Boog *Director*

Robert Feldhaus *Director*

COMMITTEE CHAIRS

Ian Ralston
Technical Review

Tim Wilson
Finance

Karen Halliday
*Member Services &
Communication*

BCOSSA OFFICE STAFF

Liz Stewart-Jones
Administrative Manager

CORRECTION

In the Fall/Winter 2009 issue of the Innovator newsletter the article titled "Future Directions in Onsite Education" was written by John Hayton, and not John Hay as stated.

The article entitled "Top Sixteen Inches" written by John Hayton, is copywritten material and may not be reprinted, in whole or in part, without the prior consent of the author.

We apologize for the error.

INFORMAL REVIEW

On September 28, 2009 the Ministry of Healthy Living & Sport asked BCOSSA if it would cooperate with the government conducting an audit of the Association. Audits are conducted periodically on all agencies receiving government funding. BCOSSA agreed, on the spot, to cooperate fully and completely because external independent audits provide an opportunity for transparency and provide assurance to the membership respecting the association operations.

BCOSSA received from Ministry of Finance - The Office of the Comptroller General on September 29th a list of documents requested. By the end of the same day BCOSSA staff submitted the association's financial records including all of the books of accounts since 1996 to date, bank statements and cancelled cheques. Additionally BCOSSA provided the Society's Minute Books. In the following days BCOSSA delivered the balance of the items requested.

Based on the audit work completed and to substantiate some aspects, Ministry of Finance - The Office of the Comptroller General requested copies of contracts, purchase orders and other commitments of a financial nature of some past and present Board members. These documents have been supplied to support the payments issued.

After 3 months of the auditors doing their work, BCOSSA has not received written notice of any inappropriate financial activities or indication of irregularities in the association's operations or finances.

However, we have been advised that given the governments staff shortages and internal budget cut backs, the written report from the government auditors may take several more weeks or months before being released.

BCOSSA is pleased that the government has requested this informal review as the final written report will assure the members of the Association and all others of the appropriateness and transparency of the conduct of those charged with managing the financial affairs of the Association.

*Frank Hay
BCOSSA President*

Giles Environmental Engineering

On-Site Sewage Treatment and Disposal
Sewage Treatment and Disposal for Small Communities
Water Treatment – Environmental Site Assessment

George E. Giles, M. Eng., P. Eng.

2005 Sooke Lake Road, Shawnigan Lake B.C. V0R2W0
Tel: (250) 743-1822 e-mail: gileseng@xplornet.com

PRESIDENT'S REPORT 2010 Work in Progress & Issues at Hand

Internal Issues

1. Financial

The Westcoast Onsite Wastewater Training Centre is still proving itself to be financially self-sustaining and thereby allowing the Society to maintain a strong credible program of education and training to meet the Regulation

2. Westcoast Onsite Wastewater Training Centre

The 2010 Board should develop policies for:

- Instructor Development
- Continuing Education Program
- In-Class and In-Field Educational Integration
- Maintain and Monitor educational core competencies, learned outcomes and standards for education.

3. Policy Governance Model Expansion

External Issues

4. CSA-B65 national standard for the onsite sewage treatment industry. BCOSSA has a voting seat at the main table as well as working on sub-committees

5. Education for TILMA and AIT

6. APEGBC

Continue support of the guideline for Professional Engineers working under the Sewerage System Regulation.

7. Ministry of Healthy Living & Sport

Maintain an open and fluid communication with the Ministry.

8. ASTTBC

Develop a Memorandum of Understanding with ASTTBC to provide improvements in education programs for BC..

Frank Hay, BCOSSA President

SAMPLING WASTEWATER ~ IN OR OUT

There is a school of thought that sampling of after-treatment effluent is needed to confirm the performance of the treatment technology or system used.

The other school of thought is that sampling should be part of diagnostic procedures in the maintenance of an onsite wastewater treatment and dispersal system.

In considering the "performance" school of thought, the use of treatment technologies, that have meet or are part of a standard and testing protocol by agencies accredited by the Standards Council of Canada, have demonstrated that the technologies meet performance and effluent criteria.

Typically, the standard and testing protocols use residential domestic strength sewage ranging from 220 – 350 mg/l for BOD5 and TSS, as well as pH, and, at a specified daily flow rate.

In considering the "maintenance" school of thought, the use of sampling should be to determine whether the wastewater entering the systems meet the definition of residential domestic strength wastewater.

In the cases where the effluent sample did not meet the performance levels required, a subsequent investigation is usually conducted to find out why. In all cases, that the writer was aware of, the investigation revealed that the cause of the "bad" effluent sample was directly related to 3 areas. One was that the incoming flow's mass loading rate was greater than residential domestic strength levels. Another cause was that incoming flow's hydraulic load-

ing was well exceeded or extremely low. The third cause was that the designer was not following the technology's supplier recommendations.

When a sample taken for performance confirmation is used and the performance level is not met, the consumer takes the immediate view it is the treatment system has failed. Further investigation requires costs and expense to prove that the problem is not the technology but a problem caused by an installation error or by the use or behaviour of the user.

Positive effluent sample test results tell us only that the operation of the system and the treatment technology are within normal operating conditions. Negative effluent sample test results only tell us that more investigation is needed.

Incoming flow mass loading can be determined by sampling the influent. The hydraulic loading can be confirmed by using a device that measures and monitors daily flow.

Perhaps it is worth a discussion between the stakeholders whether, from a maintenance point of view, samples should be taken of the incoming wastewater to compare the incoming mass loading to the generally accepted residential domestic mass loading.

The intent of this article is to start that stakeholder discussion. Your comments in writing would be welcomed and published as part of this discussion.

Frank Hay, BCOSSA President

CALL FOR DIRECTOR NOMINATIONS

The time is drawing near to elect our new Board of Directors for 2010. As in the past, this will take place at our AGM in Nanaimo on March 18 – 21.

With the significant changes that have taken place in our structure in 2009, it is more important than ever that we all do our very best to elect a strong Board. The people elected for a 2-year term in Nanaimo will be the nucleus that will carry BCOSSA into the future and ensure the long-term viability of our Association. This cannot be overstated. Without a strong Board going forward, all the hard work put in by many over the years will be for nothing.

At present, the exact number of positions we are looking for is unclear. It is very likely that half the Board or more will be replaced at this AGM.

Being a Director does not require a specific skill set. Mainly we are looking for motivated people with a willingness to work for the overall benefit of the industry and the organization. The benefit to you, is the ability to learn how your Association works and participate in an organization that affects the industry you work in. The commitment you make in time and effort is rewarded with a sense of accomplishment and benefits the strength of the industry and ultimately your business.

I would ask anyone who is interested or knows someone who would like to be part of the Board to

please fill out the nomination form and send it in. The more interest we get, the better chance we have of fulfilling our mandate of electing a strong Board that can lead BCOSSA into the future.

As the Chair of the Nominating Committee, I am willing to provide any assistance and answer any questions you may have with regards to becoming a Board member. Over the past 2 elections, I have made every effort to provide candidates with the necessary information they require to ensure they fully understand the scope of becoming a BCOSSA Board member. I will continue to do this for any nominees this year.

I would urge anyone who plans on running to fill out the nomination form sooner rather than later. As stated in our By Laws, there is always a final call for nominations at the AGM, which will be continued. It would, however, be far better for any potential candidate to come forward in advance of the AGM so that I have a better opportunity to go over the responsibilities and expectations of a Board member.

On behalf of the Board, I would like to thank all members for your ongoing support of our industry, and I look forward to seeing everyone in Nanaimo in March.

Braden Marshall
Nominating Committee Chair
braden.marshall@bcossa.com

ENVIROSEPTICTM SYSTEM

1. Gravity Drain from Residence
2. Gravity Drain from Pre-Tank
3. ENVIRO-SEPTIC[®] System of sand bed or sand lined trenches
4. Infiltrative Area

Labels in diagram: Wastewater Exit, Solids, Liquid Transfer, Septic Tank, Distribution Box, Enviro-SepticTM Pipes, Bacteria Support, Ventilation, Bacteria nourished by the pollutants, Infiltration of treated water.

NO POWER REQUIRED TYPE 2 TREATMENT METHOD
PROVEN TECHNOLOGY for the 21st Century
NO MEDIA TO BE REPLACED OR CLEANED - EVER

PINNACLE ENVIRONMENTAL TECHNOLOGIES INC. Toll Free 1 - 866 - 514 - 7555
www.peti.ca

DIRECTOR NOMINATION FORM

NOMINATION FORM for BCOSSA - Board of Director Member

I, the undersigned, nominate the following to the BCOSSA Nominating & Recruitment Committee to be considered as a candidate to the BCOSSA Board of Directors at the March 2010 Annual General Meeting of the Membership:

Nominee No. 1

Contact Info:

Name: _____

Phone: _____ Fax _____

Email: _____

Nominee No. 2

Contact Info:

Name: _____

Phone: _____ Fax _____

Email: _____

Nominee No. 3

Contact Info:

Name: _____

Phone: _____ Fax _____

Email: _____

Date: _____

Tel: _____

Nominated By: _____

Signature

Print Name

FAX form to: 250-391-8446

ELECTRONIC FILING PROCESS & CENTRAL REGISTRY

In the summer of 2008, a new Ministry of Healthy Living & Sport was created with a mandate that the Ministry is responsible for development and implementation of an integrated watershed management approach for all things water and wastewater. A new Ministry with a new mandate and also came with a new Executive-Director, Mr. Tim Lambert who had served in various senior government capacities senior government in the Province of Alberta.

In December 2008, BCOSSA met with Mr. Lambert and presented the benefits that a central registry for privately held and operated drinking water treatment and onsite wastewater treatment utilities would present to the industry, the government and the public.

A central registry program that was already operating outside of BC, was offered to BCOSSA at no cost or charge for its development and to be free from royalty in perpetuity. In turn, BCOSSA offered it to the Ministry and the Health Authorities also at no development cost and royalty free.

In March 2009, the December 2008 central registry topic was followed up with an online internet presentation of the patent pending program to the Ministry.

The program was also presented to the Ministry of Community Development to demonstrate how local governments could have access, at a low cost, to the program to monitor onsite system maintenance that in turn could encourage subdivision developments and therefore encourage Subdivision Regulation reform.

On May 22, 2009 BCOSSA presented to the Union of BC Municipalities Sewerage System Working Group, the solutions that BCOSSA had done or was working on to resolve local government identified issues found in the UBCM 17 Point Action Plan. One of these items was the central registry program and the benefits it could give local government.

On July 29, 2009 BCOSSA provided to Mr. Tim Lambert a written note that outlined again the benefits of the central registry. The note is as follows on page 7.

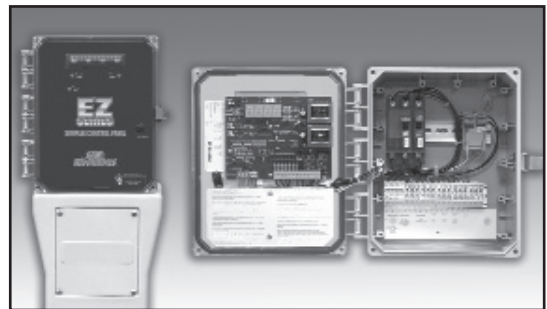
Frank Hay, BCOSSA President

Get In-Site to On-Site with SJE-Rhombus



IFS In-Site™ Event Monitoring Control Panel

The **IFS In-Site™** panel monitors and logs system events via a flash drive, including pump run times, pump cycles, alarm conditions, power outages, service calls and more! Just plug the flash drive into the panel to download system events. The pre-loaded software on the flash drive formulates **quick, convenient reports**, which makes diagnosing system conditions easy. **For a free demo of IFS In-Site™ software, visit www.sjrhombus.com**



EZ Series™ Simplex Control Panel

The **EZ Series™ Simplex Demand/TD** control panel is designed to control one single phase pump in on-site installations. It features a **digital display** for programming and monitoring system functions, and can be **easily converted** to demand or timed dose application in the field. A **mounting post** (optional) features a **removable access cover** for easy installation and wiring. **Duplex and Plugger** models available!

SJE-Rhombus
www.sjrhombus.com



PUMP TECH INC.

Phone: **604-461-2500** • pumptech@shaw.ca

ELECTRONIC FILING PROCESS & CENTRAL REGISTRY

Mr. Tim Lambert

The BCOSSA has developed an electronic provincial file process that will be offered to the health authorities to accept Record of Sewerage System filings.

The electronic file process documents will:

1. be able to assess prior to the filing and/or installation whether the soil and site assessment and the planned construction meets the Standard Practice Manual's critical standards and
2. offer the authorized person an online self-managed assessment tool or they will be able to contact technical experts. These allow for making suggestions for changes prior to the document being filed with the local health authority and
3. provide, on a proactive basis, improved assurance to the public that the system is installed in accordance with the regulation to protect public health and
4. reduce the after-installation alterations when the system is found by others to not meet the Regulation and
5. collect the fees for the health authority and forward the fees to them with the file documents and
6. receive back from the health authority the "acceptance" and
7. forward the acceptance to the authorized person.

The electronic file process will also be used by the health authorities, if they wish, as the permanent file or they may download to file or to print to their own filing system. The health authorities will have viewing access to the electronic files at all times.

In the case of TILMA and AIT transferees, the BCOSSA electronic provincial file process can assure that the jurisprudence objectives can be met related to knowledge of the BC Sewerage System Regulation and Sewerage System Standard Practice Manual. The process is in accordance with the guidelines on "material" content under TILMA and AIT.

For persons wishing training in file document development this tool will allow them to submit for assessment mock files for training purposes and have them assessed by technical experts.

The process is available with sufficient security to allow for the storage of all provincial file documents and may be valuable as a provincial file process and data collection tool, reducing health authority resources while assuring accessibility and long-term recovery capacity.

BCOSSA is offering this process to the Ministry and Health Authorities at no cost. This would free up current file fees for use in other public health programs as determined by the health authorities.

The process will:

- facilitate MOHLS to meet UBCM MOU obligations
- facilitate the development of a provincial registry
- allow for readily usable data sets
- facilitate learning
- facilitate proactive filing assessments for technical merit
- facilitate proactive file assessment and proper filing under the Sewerage System regulation and SPM
- facilitate TILMA and AIT in a proactive manner
- Reduce health authority resources required for land use

BCOSSA would like to request your department's support in bringing this program to the health authorities. We would engage in discussion with the health authorities to implement the electronic provincial filing process.

We are able to offer this program to all health authorities and AP's prior to September 2009.

Would you please advise whether we can count on your support for BCOSSA to promote it to the health authorities ??

We look forward to working with the Ministry and or others in this project. A few authorized persons are being invited to work with the BCOSSA electronic filing and central registry this month to work out any "bugs" and have the electronic filing process ready for any authorized person to use it by February 1, 2009.

The online Provincial Filing program will be presented on March 20th during the 2009 BCOSSA Conference.

Regards,
Frank Hay, ROWP
President & CEO - BCOSSA

Welcome to Canada's Bio-Microbicsville

...a growing community built on better ideas

MicroFAST wastewater treatment systems
7 Models for 1,900 to 34,000 litres/day

MyFAST wastewater treatment systems
3 Models for 151,000 to 454,000 litres/day

RetroFAST wastewater treatment systems
3 Models for 550 to 1,400 litres/day

HighStrengthFAST wastewater treatment systems
Models for higher mass loading rates

BioSTORM stormwater treatment systems
Models for stormwater runoff

BioBarrier MEMBRANE BIOREACTOR™
MBR for single family homes and larger

BioSTEP SCREENED PUMPING SYSTEMS
4 Packages for S.T.E.P. systems

FOGHOG For all grease interceptors
5 Models of grease traps



Pinnacle Environmental Technologies Inc. specializes in supplying advanced wastewater treatment systems for use in new construction, renovations and repairs. These systems help deal with difficult sites and allow for reductions in field sizes.

FAST® Wastewater Treatment Systems are NSF 40 / NSF 245 tested and installed in accordance with the regulations in Manitoba, Saskatchewan, Alberta and British Columbia. Contact us for more information about better water treatment...for a better world.



BIO-MICROBICS INCORPORATED
Better Water. Better World.®



790 Industrial Road
Cambridge, ON N3H 4W1
877-553-6336

8104 - 46th Street N.W.
Edmonton, AB T6B 2M8
780-469-6746

22765-A Fraser Highway
Langley, BC V3A 9J5
866-514-7555

Website: www.peti.ca • email: info@peti.ca

Our Mission is to Provide Products to Protect Public Health & the Environment that We All Share

© 2009 Bio-Microbics, Inc. • 8450 Cole Pkwy • Shawnee, KS 66227, USA • phone: 913-422-0707 • fax: 913-422-0808
web: www.biomicrobics.com • e-mail: sales@biomicrobics.com

WOWTC YEAR END REPORT

WESTCOAST ONSITE WASTEWATER TRAINING CENTRE
 YEAR END REPORT TO THE BCSSA BOARD OF DIRECTORS
 for the year ended at Dec 31, 2009

2009 COURSES

Course Code	# of Sessions	# of Students	Locations
WOWTC101	5	91	Kamloops, Langley, Prince George, Victoria
LAG201	0	6	Fast Track
PLAN201/202	5	98	Kamloops, Langley, Prince George, Victoria
PLAN203	5	92	Kamloops, Langley, Prince George, Victoria
PLAN204	5	61	Kamloops, Langley, Prince George, Victoria
PLAN205	5	60	Kamloops, Langley, Prince George, Victoria
PLAN206	5	50	Kamloops, Langley, Prince George, Victoria
PLAN207	5	48	Kamloops, Langley, Prince George, Victoria
SOIL201	3	31	Kamloops, Victoria
INSTAL201	5	90	Kamloops, Langley, Prince George, Victoria
INSTAL202	5	84	Kamloops, Langley, Prince George, Victoria
MAIN201	3	36	Kamloops, Langley, Victoria
MAIN203	3	33	Kamloops, Langley, Victoria
MAIN205	4	45	Kamloops, Langley, Victoria
MAIN206	3	33	Kamloops, Langley, Victoria
INSPEC201	3	22	Kamloops, Langley, Victoria
INSPEC202	3	20	Kamloops, Langley, Victoria
INSPEC204	3	21	Kamloops, Langley, Victoria
TOTAL # of Occupied Seats		921	

TOTAL # of Persons Trained to Date = 1068

COURSE INSTRUCTORS

Jim Andersen	WOWTC 101/INSTALL 201/INSTALL 202/PLAN 201/2,/PLAN 204/PLAN 205/ PLAN 206/PLAN 207/SOIL 201
Don MacRae	PLAN 203
Jim Andersen/John Rowse	SOIL 201
Kent Watson	SOIL 201
Doug Marshall	MAIN 201/MAIN 203/MAIN 205/MAIN206/INSPEC 201/INSPEC 202/INSPEC 204

OF STUDENTS COMPLETED ALL REQUIRED COURSES BY CATEGORY

Planner	16
Installer	18
Maintenance Provider	4
Private Inspector	0

Westcoast Onsite Wastewater Training Centre Schedule 2010

JANUARY - FEBRUARY-MARCH 2010

KAMLOOPS

WOWTC 101	Introduction to Onsite Wastewater Systems in BC	Jan 26 - 29
INSTALL 201	Introduction to Installation	Feb 1 - 2
INSTALL 202	Advanced Installation	Feb 3 - 4
PLAN 203	Pumps & Controls	Feb 5
PLAN 201/PLAN 202	Introduction to Planning	Feb 8 - 10
PLAN 204	Planning Pressure Distribution Systems	Feb 11 - 12
PLAN 205	Planning Sand Mounds & Sand Lined Trenches	Feb 15
PLAN 206	Fundamentals of Drawing Plans	Feb 16 - 17
PLAN 207	Writing and Operation & Maintenance Plan	Feb 18
SOIL 201	Soil Assessment	Feb 19 - 22
MAIN 201	Type 1 Gravity Systems	Feb 23
MAIN 203	Type 2 & Pressure Distribution Systems	Feb 24
MAIN 205	Repairing & Retrofitting Systems	Feb 25
MAIN 206	Maintenance Documentation & Report Writing	Feb 26
INSPEC 201	Application of Regulations & Legal Issues	Mar 1
INSPEC 202	Locating, Exposing & Advanced Testing	Mar 2
INSPEC 204	Advanced Documentation, Writing Reports & Letter	Mar 3

APRIL 2010

ABBOTSFORD

WOWTC 101	Introduction to Onsite Wastewater Systems in BC	Apr 6 - 9
INSTALL 201	Introduction to Installation	Apr 12 - 13
INSTALL 202	Advanced Installation	Apr 15 - 16
PLAN 203	Pumps & Controls	Apr 17
PLAN 201/PLAN 202	Introduction to Planning	Apr 19 - 21
PLAN 204	Planning Pressure Distribution Systems	Apr 22 - 23
PLAN 205	Planning Sand Mounds & Sand Lined Trenches	Apr 26
PLAN 206	Fundamentals of Drawing Plans	Apr 27 - 28
PLAN 207	Writing and Operation & Maintenance Plan	Apr 29

NOTICE FOR COURSE ENROLMENT

Course schedule is subject to change

All WOWTC course inquiries and enrolment must be made through the contact information below.

Liz Stewart-Jones

WOWTC Administrator

PO Box 37035 - 2401F Millstream Road, Victoria BC V9B 0E8

Tel: 250-391-8442 Fax: 250-391-8446 Email: liz@bcossa.com



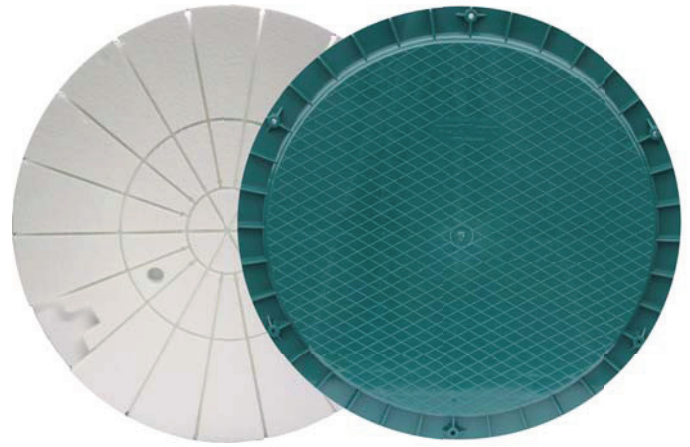
*WOWTC Students Installing Septic Tank Lid
Reprinted with permission of John Hayton*

**MAY - JUNE 2010
PRINCE GEORGE**

LAG 201	Lagoons	May 5 - 7
WOWTC 101	Introduction to Onsite Wastewater Systems in BC	May 11 - 14
INSTALL 201	Introduction to Installation	May 17 - 18
INSTALL 202	Advanced Installation	May 19 - 20
PLAN 203	Pumps & Controls	May 21
PLAN 201/PLAN 202	Introduction to Planning	May 24 - 26
PLAN 204	Planning Pressure Distribution Systems	May 27 - 28
PLAN 205	Planning Sand Mounds & Sand Lined Trenches	May 31
PLAN 206	Fundamentals of Drawing Plans	June 1 - 2
PLAN 207	Writing and Operation & Maintenance Plan	June 3
SOIL 201	Soil Assessment	June 7 - 10
MAIN 201	Type 1 Gravity Systems	June 11
MAIN 203	Type 2 & Pressure Distribution Systems	June 14
MAIN 205	Repairing & Retrofitting Systems	June 15
MAIN 206	Maintenance Documentation & Report Writing	June 16
INSPEC 201	Application of Regulations & Legal Issues	June 17
INSPEC 202	Locating, Exposing & Advanced Testing	June 18
INSPEC 204	Advanced Documentation, Writing Reports & Letter	June 19



NEW PRODUCTS FOR 2010



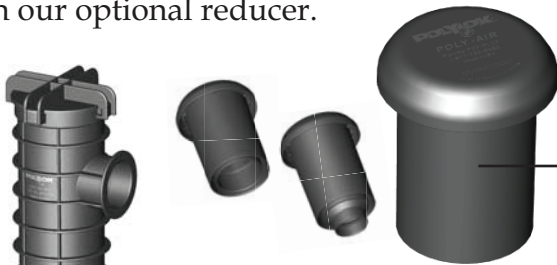
ACTIVATED CARBON RISER COVERS

Polylok's Activated Carbon Riser Covers are Heavy Duty and designed to eliminate offensive odors caused by your septic system. Available in 18", 20" & 24" to fit Polylok Risers & corrugated pipe.



ACTIVATED CARBON VENT COVERS

The Poly-Air is manufactured to fit your existing pipe. Our Standard size vent cover will fit 4" & 3" vents. The Poly-Air will also fit 2" & 1.5" vents with our optional reducer.



HIGH PRESSURE FILTER COMING SOON!!!



DECORATIVE STONES

With our decorative stones not only do you achieve incredibly realistic aesthetics, but unmatched longevity in virtually any climate. Polylok offers a wide variety of sizes to fit your needs.

INSULATED COVERS

All of our Polylok 20" and 24" covers meet these new requirements. We offer 20" covers, 24" covers and 24" Heavy Duty covers with or without insulation. Our insulation is easy to install and ships with the covers. Simply insert the pre-cut insulation into the cover, no extra steps.

- Fits Polylok 20", 24" Covers, & 24" Polylok Heavy Duty Covers
- Insert pre-cut insulation directly into cover
- Insulation For Polylok Covers R-10 Value

20" & 24" SAFETY SCREENS

These bright yellow, heavy-duty ABS screens act as a secondary layer of protection if the riser cover is unknowingly damaged or removed. The screen fits in the upper most riser stack of our Polylok 24 x 6", 20 x 6" and 20 x 12" risers and prevents entry into the tank.

