



Division of Prevention
Bureau of Environmental Health

B · E · H · News

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Summer 2001



BUREAU BRIEFS

PLEASE COMPLETE AND RETURN THE SURVEY LOCATED ON THE LAST PAGE
YOUR OPINION IS IMPORTANT TO US!!!

In mid-July flash floods ravaged parts of several counties in Southwest Ohio and disaster declarations were made in several counties. The Disaster Preparedness and Response section kept in close contact with the Ohio Emergency Management Agency throughout the ordeal. Three manufactured home parks were assessed for damage. Approximately thirty manufactured homes suffered substantial damage from floodwaters rising to the floor level of the home. If damage to a home exceeds 50% of the market value of the home before the damage occurred, then any repair or replacement of the home will require the homeowner and park operator to obtain a flood plain development permit. In order to reduce future flood damage long-term mitigation efforts will need to be considered as homes are replaced in these parks.

ODH is also preparing to send notices to the operators of manufactured home parks that have been identified within a 100-year flood plain. The Ohio Revised Code requires such operators, when notified by the Director, to supply specific information regarding the exact boundaries of their parks within the flood plain, elevations, lot numbers and other information. Development within a flood plain must be done in compliance with Federal Emergency Management Agency requirements. It is estimated that 250-300 parks throughout Ohio may be affected.

Representatives of the Indoor Air Environments staff conducted a site inspection at the Girard Intermediate School. Elevated CO₂ concentrations measured in several rooms within the building indicated that the HVAC system is not effectively ventilating several zones within the building. A

consultant has been retained to perform biological testing within the school building amid speculation that health symptoms being reported by occupants are the result of a biological environmental contaminant. However, such testing is NOT generally recommended. ODH will issue a letter summarizing the results of the walkthrough and provide preliminary recommendations in advance of the biological sampling results.

The Retail Food Safety Advisory Council met in Reynoldsburg. Topics discussed included recommended rule changes related to licensing categories and cost methodology, HB 306/SB 136, and bare hand contact with ready-to-eat food.

The staff of the Household Sewage Program have been busy presenting information on the HSTS Rule revisions. There has been much positive discussion and most interested parties are receptive to the changes. The process continues to move forward.

Bureau staff met with the State Board of Cosmetology to discuss the regulation of persons performing permanent cosmetics. Currently such persons are subject to the requirements under the Tattoo & Body Piercing rules; however, permanent cosmetic businesses are not allowed within licensed beauty salons. It is the intention of the Cosmetology Board to allow persons wishing to provide permanent cosmetic services to operate within beauty salons provided that perspective applicants obtain additional training and that permissive language can be adopted in the Ohio Administrative Code.



DISASTER PLAN TRAINING 2001

Bob Rhoades
Emergency Response Coordinator

In 1998, the Disaster Coordinators from the Bureau of Environmental Health began a long process of training local health departments on the need for a functional Disaster Plan. After the initial training, a series of documents was developed to aid local health departments in writing their plans.

Now it is time to see if we have workable plans. Disaster Preparedness and Response or your area coordinator will be contacting each health department to schedule times for local exercise drills. This will consist of an orientation period and then a walk through of the plan using a scenario. This will test the functionality of each plan. Hopefully in the future, each county will incorporate a health emergency into the local exercise plan for the whole county.

For more information, or to schedule an exercise, contact one of the following:

Northwest: Mary Dennis 419-352-8402

Southwest: Don Brannen 937-374-5600

Southeast: Betty King 740-376-7074

Southcentral: Scott Wilford 740-779-9652

Central and Northeast: Bob Rhoades 614-644-4278

DRAFT HSTS RULE DEVELOPMENT PROCESS

Jean Caudill, RS

On May 10, Steve Wagner notified health commissioners, environmental health directors, ODH Ad Hoc Household Sewage Advisory Committee members, and other interested parties of a delay in the "Five Year Rule Revision Time Line" that had been distributed with the first statewide draft of proposed HSTS rule revisions. During February and March, staff from the Bureau of Environmental Health conducted presentations throughout Ohio on these draft rules. The deadline for written comments was set at April 1, but ODH continued to accept and review comments received after that date.

Due to the high volume of written comments, and efforts to review these in a comprehensive manner, a revised draft of the rules was not made available by the May 15 date listed on the time line. A delay in distribution of the revised draft allowed for a more thorough internal review effort that would be responsive to both the concerns and the positive suggestions provided by the numerous interested parties providing comment. It was anticipated that this delay would also allow for the Ohio EPA release of the Draft HSTS General NPDES Permit.

The intent in this rule revision process has been to expand the dialogue on the long overdue update of the Household Sewage Rules. This dialogue and the rule revision process are continuing, and the August 23rd time line for presentation before the Public Health Council will be met. The ODH sincerely appreciates and recognizes the efforts made by so many through their participation in the statewide meetings and their submission of written comments.

NOACA COMPLETES HSDS STUDY IN NE OHIO

The Northeast Ohio Areawide Coordinating Agency (NOACA) has completed a study of HSDS in a seven county region of Northeast Ohio:

The report is available in a PDF file on the NOACA web site at www.noaca.org.

The specific URL for the report is
http://www.noaca.org/Environmental/Water_Quality/Home_Sewage_Disposal_Systems/Sewage.pdf



IS IT PERMANENT COSMETICS OR A TATTOO??

LeeAnn Hoon, RS

The Ohio Administrative Code, in section 3701-9-01, defines tattoo as "any method utilizing needles or other instruments by someone other than a physician licensed under Chapter 4731. of the Revised Code, to permanently place designs, letters, scrolls, figures, symbols or any other marks upon or under the skin of a person with ink or any other substance resulting in an alteration of the appearance of the skin."

As far as research shows, tattooing has existed since 12,000 BC. The purpose of tattooing varies from culture to culture.

The field of permanent cosmetics is quickly expanding in popularity. Not only is it used to provide no fuss makeup (eyeliner, lip liner & lip color), it is also appreciated by cancer survivors, and those with other skin affecting conditions. Recently, there has been more and more inquiries regarding permanent cosmetics and their place within Ohio's Tattoo & Body Piercing program.

When beginning to work with someone contemplating a permanent cosmetic business, certain questions should be asked:

- ❖ Does the procedure require needles or other instruments to penetrate the skin?
- ❖ Is an ink or dye used to create desired effects?
- ❖ Will the affected skin be permanently altered?

Whether the procedure is called permanent cosmetics, permanent makeup, dermapigmentation, micropigmentation, repigmentation or microimplantation, if the answer to the above questions is "YES", then this **is** a form of tattooing and subject to the same requirements as traditional tattoo businesses. Local health departments are interested in protecting the health and safety of the public. Though the permanent cosmetic technician may

not be drawing designs and pictures, the application procedure is basically the same as traditional tattooing. Therefore, the same safety and sanitation principles are also relevant.

In order to operate a permanent cosmetic business in the state of Ohio, a potential operator must obtain an approval from the local board of health having jurisdiction. The person seeking the approval to operate a permanent cosmetic business must submit appropriate fees and all necessary information to the local health department. Information requested by the local health department should include:

- ✓ Pertinent operator & business information (ie. name, address, phone number);
- ✓ Statement from the potential operator that they intend to comply with all requirements set forth in the Ohio Revised Code and the Ohio Administrative Code;
- ✓ Plans & specifications of the place of business (including total area, entrances & exits, plumbing fixtures, lighting, equipment list and floor plan);
- ✓ Procedures to ensure that all technicians working in the business have been properly trained in permanent cosmetic procedures, first aid, preventing transmission of infectious diseases, universal precautions against bloodborne pathogens, and appropriate aftercare;
- ✓ Procedure plan for maintaining written records of equipment used, dye/ink information (colors, manufacturer, lot number), disinfection and sterilization of equipment, and weekly biological monitoring test of heat sterilization devices.

The local health department should then inspect the facility. When the health department is satisfied that all requirements have been met, an approval can be issued.

Since the permanent cosmetic industry is growing by leaps and bounds it is expected that local health departments will be faced with more and more questions regarding these businesses. While the industry may serve different people for different purposes, keep in mind that the basic procedures are the same. Therefore, our goal should be the same - protecting the public from the spread of infectious disease through safety and sanitation.

If you have any questions about these facilities, please call the Bureau of Environmental Health at 614-466-1390.



***SWIMMING POOL AD HOC ADVISORY
COMMITTEE MEETING MINUTES -
APRIL 24, 2001***

Location: MCL Cafeteria Westerville Rd.,
Westerville, OH

Old Business

There were no objections to the minutes of the last meeting, 03/27/01.

New Business

Guest Speaker: Mike Brady, Ohio Dept. of Commerce discussed the Ohio Board of Building Standards as it relates to the Ohio Basic Building Code. He related that this is a uniform code observed by over 200 local building departments in Ohio. The OBBC requires local building depts. to verify there is a letter of plan approval from the Ohio Dept. of Health prior to reviewing plans for a building permit. The Board carefully considers proposed changes to the rules. Rules that are written typically are not retroactive for existing buildings because of the hardship and expense that would impose and the rules are not considered proactive, rather, any proposed changes to a rule must be weighed by the body of evidence that a change is necessary.

The Dept. of Commerce has oversight of these agencies and routinely investigates complaints of them or individuals within which can include revocation of the certification of the individual or the agency.

There was specific discussion about fences, barriers, and building exits that open into pool areas, and specific discussion about the American Disabilities Act regarding handicap access to public swimming pools.

Committee Reports:

Education - Kurt Carmen (absent)

Pool Chemistry - Terry Smith

The concept was discussed regarding mandatory control of pH with required chemical controllers to assure proper disinfection and water quality. The concept was also discussed about required testing for calcium hardness (calcium carbonate) in order to use the Langlier Index for balanced water. Though most all on the committee seem to agree this is a worth while test, there was indecision if it should be required. Likewise there was discussion about the present maximum level of Total Dissolved Solids allowed in public swimming pools with regard to new electrolytic disinfection systems that are being approved by the National Sanitation Foundation.

Safety Equipment - Luci Sursi

Will be contacting other states to determine what they are requiring in the area of continuing education. Chris Weaver discussed the requirement of having a telephone accessible at or near poolside for emergency assistance in the event of an accident. Will be researching the possible use of cellular phones. There was discussion about the use of cell phones and about TTY requirements for deaf individuals. Chris will also be researching personnel flotation devices and will report to the full committee at the next scheduled meeting.

Diving Standards - Chuck Kunsman

Plan Review Fees-Tim Patterson

Barry Rice discussed a meeting with Tim and Kathy Patterson regarding plan review fees and the number of construction inspections per facility undergoing development vs. the fee for additional inspections. There was discussion towards considering rule language to allow for more flexibility in plan review regarding equipment changes such as: pumps, pumps and filter changes, diving stands and/or diving board replacements, and more equality for when disinfection systems are changed i.e. one method to another or from one reagent to another. The sub-committee intends to look at practical ways of using the present minimum plan review fee of \$150.00 for handling simple renovations.

American Disabilities Act - Derek Mortland

Mr. Mortland provided a handout on proposed Dept. of Justice rules (pending approval within the next 12-24 months) for ADA requirements pertaining to new construction or where there are structural modifications to a pool area. There was discussion about the American Disabilities Act regarding handicap access to public swimming pools particularly regarding the height of door/gate latches.

The committee agreed by a simple show of hands that, effective at the next scheduled meeting, one hour would be devoted at each ad-hoc meeting for sub-committees to meet and then to later give an update to the entire group.

New Products:

Jim Burkhart provided a sample product from Vac Alert Industries for a new drain cover that is designed not only for anti-entrapment but also prevents hair entanglement.

Proposed combination of OAC 3701-31-04 with 041: the committee briefly discussed differences between the rules with regard to a chart Jim Burkhart provided at the last meeting.

LHD & Operator input to proposed rule changes: Jim Burkhart introduced a 10 page handout of input he has gathered/received from local health departments and operators for changes they would like to see discussed, as follows:

1. ODH explained how they look at plan review and licensure regarding facilities that have closed and allowed the license to lapse, and what is required to reopen with a new license.
2. Alternate methods of disinfection were discussed and how they are considered according to the present rules and present design criteria.
3. The committee seemed to be in agreement that the current voluntary effort of many designers/contractors to install a color contrasting edge on steps and bench seats would be a reasonable safety concern worth adding to the rules.
4. There was general agreement that labeling recirculation pipe, valves, and other associated components is a worthwhile effort by the owners/operators of public swimming pools but it is not necessary to make this a requirement and should remain voluntary.
5. There was discussion, but no apparent consensus, regarding a change to the existing rules to provide anti-entrapment covers for all suction outlets.
6. The group conceded that deck level water fill spouts can be a safety issue at public swimming pools but could not agree on how or if the rule should be changed.
7. The group did discuss "like-kind" replacement equipment. This will likely receive greater review when the committee revisits this topic in reviewing the rules.
8. The committee did not appear to agree that the change in depth from the shallow to the deep end of a swimming pool needs to be demarcated on the pool floor.

9. Lane markers were discussed.
10. Safety/warning signs were discussed.
11. Depth markers were discussed.
12. Pool surface finish colors were discussed.
13. The committee appears to agree that recreation areas adjoining a pool area needs to be segregated by a fence/barrier if the use of the facility can allow access to the pool area whether it is open for use or closed.
14. There was a good bit of discussion regarding the current rules and when or if a local health district can exclude individuals suspect of communicable disease. There are issues (medical, epidemiological, practical, and business considerations) not to mention possible discrimination and/or liability.
15. The issue of when to close a pool and how was discussed.

Further discussion of this handout and proposed changes to the rules was tabled until the next regular meeting.

The committee listened to concerns from John Aseere regarding the number of state inspectors available to perform construction verification inspections required by the law and the rules, the availability of existing inspectors, and issues of uniformity and training.

The meeting was adjourned at 4 pm.

This newsletter is a bimonthly publication of the
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Bureau of Environmental Health
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614-466-1390

Articles may be reproduced and distributed without permission; author credit is appreciated. Comments and suggestions are welcome. All correspondence, including address changes, etc. should be sent to the address above.

Please share this newsletter with all health department personnel.

Deadline dates for article submission are:

August 31, 2001
October 31, 2001
December 28, 2001
February 22, 2002
April 26, 2002

CPSC, GARDEN WAY ANNOUNCE RECALL OF TRIMMERS/MOWERS

WASHINGTON, D.C.- In cooperation with the U.S. Consumer Product Safety Commission (CPSC), Garden Way Inc., of Troy, N.Y, is recalling about 2,800 trimmers/mowers. The trimmer heads, which control the cutting cords, can split and detach, posing a serious injury risk to consumers. Garden Way has received 38 reports of trimmer heads splitting or detaching, resulting in two reports of toe fractures and five reports of bruised feet.

The recalled trimmers/mowers were sold under the TROY-BILT and GARDEN WAY BY TROY-BILT brand names. The brand name is on a shield in front of the engine. The model and serial numbers are located on the deck behind the left wheel when viewed from the operator's position. The recalled models are the 52063 and 52064 Troy-Bilt brand and the 52067 Garden Way by Troy-Bilt brand. The serial number ranges are:

520631204884-520631207314
 520631500101-520631500824
 520631600101-520631604293
 520641203058-520641204353
 520641500101-520641500746
 520641600101-520641602466
 520671500101-520671503662

Garden Way dealers and retailers nationwide, including Sam's Wholesalers, Ace Hardware, and Southern States, sold these trimmers/mowers from November 2000 through May 2001 for between \$300 and \$430.

Consumers should stop using the trimmers/mowers immediately and call Garden Way toll-free at (800) 282-8965 between 8:30 a.m. and 5 p.m. ET Monday through Friday, for a free repair kit. Consumers also can order the repair kit by logging on to the company's website at www.troybilt.com. Consumers should have their serial number available when calling the company or logging on to the website.



CPSC, SCHOTTENSTEIN AND VALUE CITY DEPARTMENT STORES RECALL CANDLES

PRODUCT: Candles - Schottenstein and Value City Department Stores, of Columbus, Ohio, are voluntarily recalling about 10,800 candles. The candles were sold in two different size terracotta ceramic containers. One container has a vase-shape, leaf design and a silver paint coating and measures about 3.5 inches high. The other container has a jar-shape, rope design around the top of the container with a silver paint coating and measures about 2 inches high. Schottenstein and Value City Stores nationwide sold the candles from October 2000 through December 2000 for about \$1.

PROBLEM: The candle flame can ignite the silver paint coating on the candle container, presenting a fire hazard.

INCIDENTS/INJURIES: None reported.

WHAT TO DO: Consumers should stop using the recalled candles immediately and contact Schottenstein or Value City Stores at (888) 278-6370 anytime to receive a refund and a \$5 off coupon for use at Schottenstein or Value City Stores.



ATTENTION!!



A NEW "PROACTIVE" PREVENTION OPPORTUNITY COMING TO ENVIRONMENTAL HEALTH DIRECTORS IN OHIO

The Ohio Indoor Air Quality Coalition's (OIAQ Coalition) Secondhand Smoke Subcommittee is seeking support from all Environmental Health Staff to promote smoke free dining in their local areas.

Who is OIAQ Coalition? Statewide partnership of professionals who work to develop strategies to improve indoor air quality throughout the state.

What is our purpose? One of our objectives is to promote voluntary non-smoking in restaurants.

How do we plan to do this? This summer we want to partner with all Environmental Health Directors and their staff to encourage restaurateurs to open up smoke free. Since there is already a program to encourage restaurants to convert to smoke free, we now see the importance of taking the prevention angle by encouraging restaurants to open smoke free to protect Ohio residents, and visitors from secondhand tobacco smoke exposure.

If interested, how can I help? Plans are underway to develop a packet that can be distributed to all that apply for a food service license. It will tell potential food service operators about the benefits of smoke free dining and how their restaurant can be entered into Ohio's Smoke Free Dining Guide (hard copy and website). There will also be a "support" packet for you providing "talking points" on how to address the issue if applicants have questions. Look for our letter seeking your help in Summer 2001. For further questions call 614-466-2273 to speak with Tracy Clopton at ODH.

We look forward to partnering with all of you!!!

SCHOOL PLAYGROUND SAFETY WORKSHOPS

Injuries occurring to children on school playgrounds is a serious problem. The Ohio Department of Health and the Center for Injury Research & Policy at Children's Hospital is pleased to sponsor and host a series of training workshops to address this serious issue.

Instructors for the workshop will be Gary A. Smith, MD, DrPH, Director, Center for Injury Research & Policy at Children's Hospital and Teresa Hendy, President, Site Masters, Inc. The Workshop will give participants a better understanding of the principles of injury prevention and specifically prevention of school playground-related injuries. Each Workshop will be held close to a playground, the afternoon session will provide hands-on training of playground safety assessments.

The workshops are FREE of charge and are open to School Personnel, School Maintenance Supervisors, PTA Members, and Local Health Department Sanitarians. Application has been made to the State Board of Sanitarian Registration for 5.5 hours of Continuing Education.

Dates and Locations are as follows:

September 21, 2001	Cleveland, OH
September 25, 2001	Cincinnati, OH

Specific locations will be provided upon confirmation of registration.

For more information contact Nancy Ford, Project Coordinator at 614-722-4327.



DRAFT HSTS RULES AND GENERAL PERMIT AS RELATED TO NPDES PHASE II STORM WATER REGULATION

The following memorandum is printed here with the permission of **Chagrin River Watershed Partners, Inc.** This information provides an excellent summary and overview of how these three regulatory issues are interrelated.



Chagrin River Watershed Partners, Inc.

2705 River Road Ž Willoughby Hills, Ohio 44094-9445 Ž Phone: 440.975.3870 Ž Fax: 440.975.3865

SERVING MEMBERS IN THE WATERSHED

- Aurora
- Bainbridge Township
- Bentleyville
- Chagrin Falls Township
- Chagrin Falls
- Chester Township
- Cleveland Metroparks
- Cuyahoga County
- Eastlake
- Gates Mills
- Geauga Park District
- Hunting Valley
- Kirtland
- Kirtland Hills
- Lake County
- Lake Metroparks
- Mayfield Village
- Mayfield Heights
- Moreland Hills
- Munson Township
- Newbury Township
- Orange Village
- Pepper Pike
- Russell Township
- Solon
- Waite Hill
- Wickliffe
- Willoughby
- Willoughby Hills

IN THE COUNTIES OF

- Cuyahoga
- Geauga
- Lake
- Portage

Memorandum

To: Dan Bogoevski, Ohio EPA, Division of Surface Water
 Ryan Cummins, Chagrin Valley Engineering
 Tom Denbow, Chagrin River Watershed Partners, Inc.
 Billie Kamis, City of Willoughby Hills
 Phil Kiefer, CT Consultants
 Laura Kramer-Kuns, Lake County Health Department
 Dan McDermott, Geauga County Board of Health
 John Morrison, Ohio EPA, Division of Surface Water
 Paul Novak, Ohio EPA, Division of Surface Water
 Harry Stark, Cuyahoga County Board of Health
 Greg Studen, Chagrin River Watershed Partners, Inc. & Russell Township
 Bob Weisdack, Geauga Health Department

From: Kyle Dreyfuss-Wells, Chagrin River Watershed Partners, Inc.

Cc: Jean Caudill, Ohio Department of Health

Date: May 25, 2001

Re: **Summary of March 6, 2001 Meeting with Ohio EPA Review**

Representatives of the Ohio EPA and Chagrin River watershed communities met on the morning of March 6, 2001 to discuss the relationship between U.S. EPAs NPDES Phase II Storm Water Regulations, and new and existing on-lot and off-lot discharging home sewage treatment systems (HSTS). The following is a digest of that discussion compiled by CRWP and reviewed by the Ohio EPA, Division of Surface Water.

NEW REGULATIONS AND THEIR RELATIONSHIP TO HSTS

The meeting began with a discussion of the fact that NPDES Phase II is

not the only impending regulation that may relate to HSTS in Ohio. The Ohio Department of Health (ODH) and the Ohio EPA are both undertaking rule making/general permitting efforts that, if finalized, will change the installation, operation, and management of these systems. The first part of the meeting focused on the potential relationships of these three regulatory programs Phase II, ODH rulemaking, and Ohio EPA NPDES general permitting to HSTS in the following cases:

- New On-lot HSTS.
- Existing On-lot HSTS.
- New Off-lot Discharging HSTS.
- Existing Off-lot Discharging HSTS.

Before exploring the relationship of these impending regulations and HSTS, it is important to note the following:

- ◆ **Note 1:** New refers to any system installed after the effective date of the new ODH HSTS rules and existing refers to any system installed before the effective date of these rules.
- ◆ **Note 2:** Throughout this memo the NPDES Phase II rules are referred to as Phase II; the ODH HSTS rules are referred to as the ODH Rules; and Ohio EPAs new NPDES General Permit for off-lot discharging HSTS is referred to as the Ohio EPA NPDES HSTS General Permit.
- ◆ **Note 3: Municipal Separate Storm Sewer System (MS4)** means a system of conveyances, including pipes, ditches, streets, catch basins, curbs, gutters, storm drains, and channels, that is owned/operated by a state or local government, or other public body; designed or used to collect or convey storm water; and is not a combined sewer or part of a publicly owned treatment works (POTW).
- ◆ **Note 4: Illicit Discharge** means any discharge to a MS4 that is not 100% storm water or is not covered by a NPDES permit.

With these clarifications, discussion focused on the relationship between Phase II, the ODH Rules, and the Ohio EPA NPDES HSTS General Permit, and the following types of HSTS:

New On-lot HSTS: Phase II designated communities will be required to develop an inspection program to ensure that new on-lot HSTS are not discharging to an MS4, thus causing an illicit discharge. This inspection program must detect malfunctioning on-lot HSTS and ensure that needed repairs and replacements are done. The ODH rules will also include inspection and maintenance requirements for new on-lot HSTS but will apply throughout the state, independent of Phase II designation. Ohio EPAs NPDES HSTS General Permit will not apply to new on-lot HSTS.

Existing On-Lot HSTS: The inspection program Phase II communities develop to detect illicit discharges from new on-lot HSTS to their MS4 must also identify discharges from existing on-lot HSTS to the MS4s. The ODH rules will not apply to these existing systems until a Permit to Install (PTI) is necessary for their replacement. The Ohio EPA NPDES HSTS General Permit will also only apply if such a system is replaced with an off-lot discharging system.

New Off-lot Discharging HSTS: As stated in Note 4, any non-storm water discharge to a MS4 is illicit unless it is covered by a NPDES permit. Phase II designated communities must develop a program to verify that new off-lot discharging HSTS are authorized by a NPDES permit. The Ohio EPA NPDES HSTS General Permit and the ODH rules will allow such systems only after a determination has been made that an on-lot HSTS or a publically operated treatment plant are not feasible. It is important to note that this NPDES permit coverage will only be available when an existing on-lot or off-lot discharging system is failing and a PTI is issued for its replacement with a new off-lot discharging system. This NPDES permit coverage will not be available for new off-lot discharging systems on newly created lots (lots created after the passage of the ODH rules). As a result, new off-lot discharging systems on newly created lots will not be allowed. This means that communities must ensure that newly created lots are capable of supporting an on-lot HSTS or have an available connection to a publically operated treatment plant. The Ohio EPA NPDES HSTS General Permit will also require that off-lot discharging systems covered by the NPDES General Permit be capable of meeting more stringent effluent standards than are currently applied to these systems.

Existing Off-lot Discharging HSTS: Existing off-lot discharging systems, meaning those in place before the effective date of the ODH rules, must obtain NPDES permit coverage to avoid being illicit under Phase II. As stated above, this coverage is available when such systems are found to be failing and a PTI is issued for their replacement. Concerns have been raised, however, about the requirements Ohio EPA will place on Phase II designated communities to locate and address these existing systems. From the meeting discussion, it appears that the Ohio EPA will require Phase II designated communities to do the following with regard to their existing off-lot discharging systems:

- Identify existing off-lot discharging HSTS releasing wastewater to their MS4.
- Determine community preference to keep these systems or to replace with on-lot systems or connection to a publically operated treatment plant.
- If a community decides to maintain their off-lot discharging HSTS, they must develop a program, as a component of their Phase II permit application, detailing how they will:
 1. Determine if existing off-lot discharging systems are causing water quality problems. These problems can be located through a monitoring program that includes a combination of water sampling, public complaints, visual screening, etc. This monitoring program would focus on conventional pollutants such as bacteria and may be localized to those portions of the MS4 with a high density of off-lot discharging HSTS.
 2. If a water quality impact is found and is attributed to a community's off-lot discharging systems, develop a plan to eliminate or regulate these off-lot discharges so as to correct their water quality impacts, through one of the following options:
 1. Connection to a publically operated treatment system.
 2. Replacement with an on-lot HSTS.
 3. Replacement with a new off-lot discharging system that meets the effluent standards of Ohio EPA NPDES HSTS General Permit.

Both options #1 and #2 would require communities to include an inspection and maintenance program to ensure proper functioning of these systems.

- If a community finds, through an approved monitoring program as described in #1 and #2 above, that their existing off-lot discharging systems are not causing water quality problems, Ohio EPA may develop some form of NPDES General Permit mechanism to cover these systems.

The process of problem identification and solution development described above will occur over the first 5 year permit term of the Phase II program. As a result of this flexibility, existing off-lot discharging systems will not be eliminated under Phase II. Instead, the program will enable the Ohio EPA to develop a protocol to minimize the water quality impacts of these systems.

CALENDAR OF UPCOMING EVENTS



2001- 2002

SEPTEMBER 2001

- 21 **School Playground Safety Workshop** - CLEVELAND. For more information contact Nancy Ford, Project Coordinator, Center for Injury Research & Policy at Children's Hospital, 614-722-4327.
- 25 **School Playground Safety Workshop** - CINCINNATI. For more information contact Nancy Ford, Project Coordinator, Center for Injury Research & Policy at Children's Hospital, 614-722-4327.
- 25 **School Indoor Environmental Health Symposium** - University Plaza Hotel & Conference Center, Columbus, OH. For more information contact Steve Ruckman, RS, CSPI at 740-368-1700.

OCTOBER 2001

- 3 - 4 **Ohio Environmental Health Association - Southwest Fall Conference**. Sinclair Center. For more information contact Anne Kaup-Fett, RS at 937-653-4444.
- 10 - 11 **Ohio Environmental Health Association - Northeast Fall Conference**, Atwood Lake Resort. For more information contact Linda Griffith at 614-873-4654.
- 17 - 18 **Ohio Environmental Health Association - Southeast Fall Conference**, Burr Oak State Park. For more information contact Christina Ritchey Wilson, RS at 614-645-6228.
- 24 - 25 **Ohio Environmental Health Association - Northwest Fall Conference**, Findlay Inn. For more information contact Steve Ruckman, RS at 740-368-1700.

NOVEMBER 2001

- 5 - 9 **Ohio Environmental Health Programs Course (Principles) - Fall Session Week 1**. Division of Safety & Hygiene, Columbus, OH. For more information, contact LeeAnn Hoon at 614-466-1390.

DECEMBER 2001

- 3 - 7 **Environmental Health Programs Course (Principles) Fall Session Week 2**. Contact LeeAnn Hoon at 614-466-1390 for more information.
- 13 **RS Exam** - Columbus/Rootstown - PES Examination 10:00 AM. For more information contact the State Board of Sanitarian Registration at 614-466-1772.

JANUARY 2002

- 7 - 11 **Environmental Health Programs Course (Principles) Fall Session Week 3**. Contact LeeAnn Hoon at 614-466-1390 for more information.