

SANITARIANS' NEWS

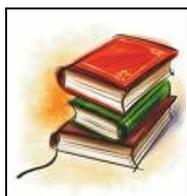


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Training Class Schedule

Aug 13-17—Charleston
 Aug 27-31- Morgantown
 Sept 10-14 - Morgantown
 Sept 24-28 - Charleston
 Oct 15—19 Charleston
 Oct.29-Nov 2 - Charleston
 Nov 26-30 - Morgantown
 Dec 10-14 - Morgantown



Contact Linda Whaley or Jessica Douglas for more information.
 (304-558-2981)

WVPHA AND SANITARIANS FALL MEETING
 TO BE HELD AT
 OGLEBAY RESORT, WHEELING, WV

The 88th Annual Public Health Association Conference will be held September 19-21, 2012 at Oglebay Resort in Wheeling. Please refer to the WVPHA website for the agenda and registration form. The theme for the conference is “A Healthier West Virginia Begins Today”.



Mr. Andy McKenzie, Mayor of Wheeling will open the Conference with a welcome. Then, Rocco S. Fucillo, Cabinet Secretary will introduce Dr. Marian Swinker, WV Bureau for Public Health Commissioner, Our keynote speaker will be Dr. Alan Ducatman, Dean of WVU School of Public Health. Wednesday’s program will conclude with “It’s a Cook-out”, dinner, reception and networking opportunity. Thursday will bring the section meetings from 8:30-4:00, the President’s Reception at 6:00pm, the Banquet at 7:00pm and the Dance at 9:00pm. The closing speakers Friday will be Sheryn Cary, WV WISEWOMEN and Jessica Wright, RN, MPH CHES, followed by adjournment.

Env. Health Section Agenda –At a Glance —Banquet Room Three

- 8:00-8:30 Registration—Dues may be paid at this time
- 8:30-9:30 Catherine Vandemer, Regional Manager, ServSafe
- 9:30-10:00 Bill Toomey, Scott Rodeheaver, WVBPH - OEDD
- 10:00-10:30 Breaks and Exhibits
- 10:30-11:00 Bill Toomey, Scott Rodeheaver, cont.
- 11:00-12:00 Rob Collette, HomeParamount Pest Control
- 12:00-1:30 Lunch and Business Meeting
- 1:30-2:30 Kris Moore, FDA, Regional Retail Food Specialist
- 2:30-3:00 Breaks and Exhibits
- 3:00-4:00 Kris Moore. cont.

Current Officers 2011-12

President: Ryan Harbison
Pres. Elect: Judy Ashcraft
VP: Liz Green
IMP: AJ Root
3yr.: TJ Witten
2yr.: Jonathan Graziani
1yr: Jeff Fowler

Officers in 2012-13

President: Judy Ashcraft
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IMP: Ryan Harbison
2yr: TJ Whitten
1yr: Jonathan Graziani

Please remember, due to the change in our By-Laws
NO ELECTION WILL BE HELD
IN 2012-13

Election of 2013-14 and thereafter
Elect new VP and 2 yr. Board Member
2 yr. Board Member

2012 Interstate Environmental Health Seminar

The 2012 Interstate Environmental Health Seminar was held at Fontana Village Resort, Fontana Dam, NC from July 18-20, 2012. The IEHS had a fair attendance due to the economic conditions in the participating member states. However, that didn't dampen the enthusiasm of those attending. Participants found a wide variety of topics to listen to with excellent speakers. Attendees had the chance to learn more about how topics that we deal with are handled by other state environmental programs through both formal topic and by informal discussions with attendees from other states. Topics presented by West Virginia were Ric McDowell - Mud River Sewage Project and Judy Vallandingham - Boy Scout Summit Bechtel Reserve - Environmental Health Challenges. To those that missed the Seminar - you missed a good opportunity to learn more about your profession. You have this opportunity every year to attend and your next opportunity will be hosted by the state of Maryland, July 2013, look for information to be posted on the PHS web site soon. Try to plan now to attend next year's meeting.

Judy Vallandingham, RS,
2012 IEHS Executive Planning Committee

Our Fearless Leader, Ryan Harbison

Our fearless leader, Ryan Harbison all suited up for a nuclear event, and luckily no emergency happened!!



General Notes

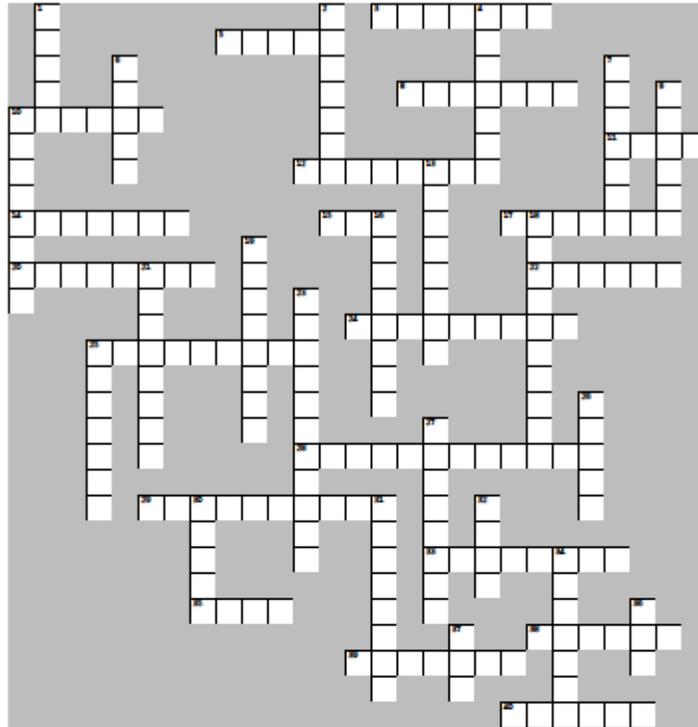
-PES is not offering Registered Sanitarian (RS) proficiency exams after January 1, 2013.

-West Virginia will be using ONLY NEHA's Registered Environmental Health Specialist exam, effective January 1, 2013

-WV State Board of Sanitarians will be offering BOTH the PES and the NEHA exams on November 1, 2012 @ Kanawha Charleston Health Department between 9:00am-2:00pm

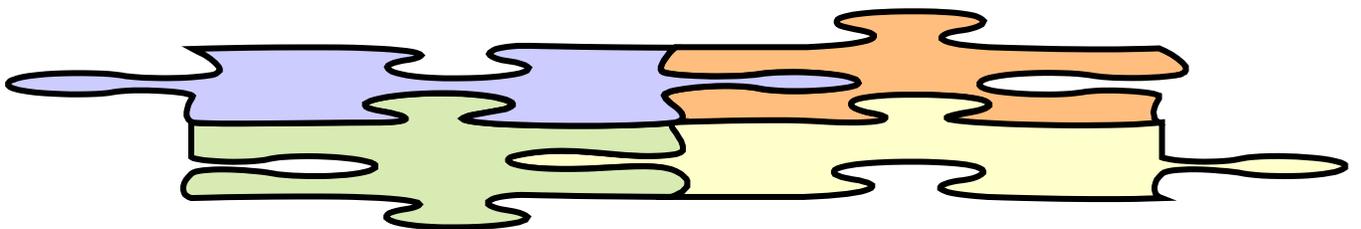
THIS IS THE LAST TIME THE PES EXAM WILL BE ADMINISTERED

WVAS Crossword Puzzle



- Across
- 3 Comebacks to accusations
 - 5 Used to disinfect a RWFas long as an oxidizer is also used
 - 8 Gravel replacement in a Class 1 septic system
 - 10 pH stands for _____ hydrogen
 - 11 Uppermost layer in a septic tank
 - 12 Diseases that can be transmitted from animals to humans
 - 14 An example of a ratite
 - 15 mg/l is the metric equivalent of this
 - 17 Must be collected every 7 days in a MHC
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 - 22 What do sewage/water connections have to be in an MHC when not in use
 - 24 One of the major food allergens
 - 25 Floors in a temporary food service must be this
 - 28 One favorite team
 - 29 Mechanical means of separating suspended particles from water
 - 33 Another word for a handwashing sink
 - 35 It turns litmus red
 - 38 Takes great pleasure in
 - 39 Sometimes found in hotels and motels
 - 40 Cyst that causes waterborne illness

- Down
- 1 Shortwave medium
 - 2 Spanish word that means the opposite of tornado
 - 4 They are permitted in child care facilities
 - 6 Hardly significant
 - 7 What's the president of WVPHA's first name
 - 9 The only thing lower than scum
 - 10 A microorganism that is harmful to humans
 - 13 Can cause both food and waterborne diseases
 - 16 Home of the Herd
 - 18 Each compartment of a septic tank must be
 - 19 Triple _____ are prohibited at organized camps
 - 21 The presence of this mineral requires mitigation if its disturbed
 - 23 This must be located about 30" above floor level in a child care facility
 - 25 One of the minerals that can affect water hardness
 - 26 Happen next
 - 27 _____ prevention is required to protect the public water supply
 - 30 Peruvian camelid
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 - 36 Key below Z
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Congratulations to our most recent Registered Sanitarians:

Phil Carper
Mike Harvilla
Jessica Shreve



Most of us had the dubious pleasure of experiencing one of Nature's wonders the evening of June 29, 2012. A Derecho swept across West Virginia, knocking down trees and power lines, and taking out public water systems, homes, and cellphone service.

Hopefully we all learned some things from this event. I had never heard the term derecho before, much less pronounce it. I know now that these are generally widespread, long-lived and fast moving storms that typically occur May- August. "Our" derecho lasted about 18 hours, had wind speeds up to 91 mph, and traveled 700 plus miles. 22 people died (3 in WV) and close to five million people were left without energy, with almost 700,000 of those in WV. 53 of WV's 55 counties lost some or all power. Around 1,100 power poles, 100 transmission lines, and 90 substations were affected.

Along with the residents impacted by the power outages, 377 of the state's 480 Community Water Systems (CWS) were affected by storm damage, with 28 of those (77,840 people!) totally without water. The Office of Emergency Services, Office of Environmental Engineering Division, and the National Guard are a few of the many agencies that met the needs created by the derecho. They found and transported generators to 146 CWS, allowing them to get back to providing clean, potable water .

Many of WV Sanitarians worked countless hours to provide services to the residents of their counties. They made sure that damaged food supplies were properly destroyed, pools that had opened because of the extreme heat were safe bodies of water for swimming, and generally providing guidance and assistance to the people in their counties.

Congratulations and thanks to these folks as well as all the others who helped our state during this disaster.

Just out of curiosity....How many of you had an Emergency Kit? I didn't.

Basic Emergency Kit

- Water, 1 gal/person/day
- Food, 3 day supply
- Prescription Medicines
- Radios, hand cranked/battery
- Flashlights
- Extra Batteries
- First Aid Kit
- Personal Sanitation Supplies
- Manual Can Opener
- Materials for Shelters in Place
- Cell Phones w/ Solar Charger
- Wrench, Pliers

Emergency Kit for Pets

- Water, 3 Day Supply
- Food, 3 Day Supply
- Medications
- Leashes, Carriers
- Up-To-Date ID on the animal
- Litter Boxes, Kitty Litter, Scoop
- Sanitation Supplies



To the Crazy Ones

Here's to the crazy ones.

The misfits....the rebels....the troublemakers.

The round pegs in the square holes.

The ones who see things differently.

They're not fond of rules.

And they have no respect for the status quo.

You can praise them, disagree with them, quote them,

Disbelieve them, glorify or vilify them.

About the only thing you can't do is ignore them.

Because they change things.

They invent. They imagine. They heal.

They explore. They create. They inspire

They push the human race forward.

Maybe they have to be crazy.

How else can you stare at an empty canvas and see a work of art?

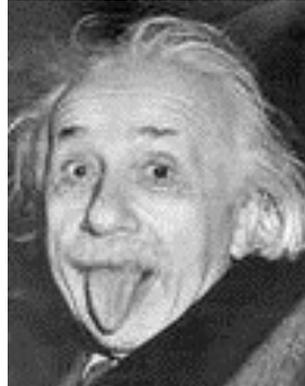
Or sit in silence and hear a song that's never been written? Or gaze at a red planet and see a laboratory on wheels?

We make tools for these kind of people.

While some see them as the crazy ones,

We see genius. Because the people who are crazy enough to think they can change the world, are the ones that do.

Think different!



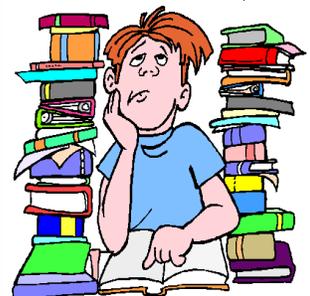
Jessica and Nathan Douglas welcomed Luke Nathan Douglas on May 13th.

Kami and Trey Keyser welcomed Kallie Jo Keyser on June 25th.

Debi Ellison and husband welcomed their daughter Amelia Ellison on July 17th.

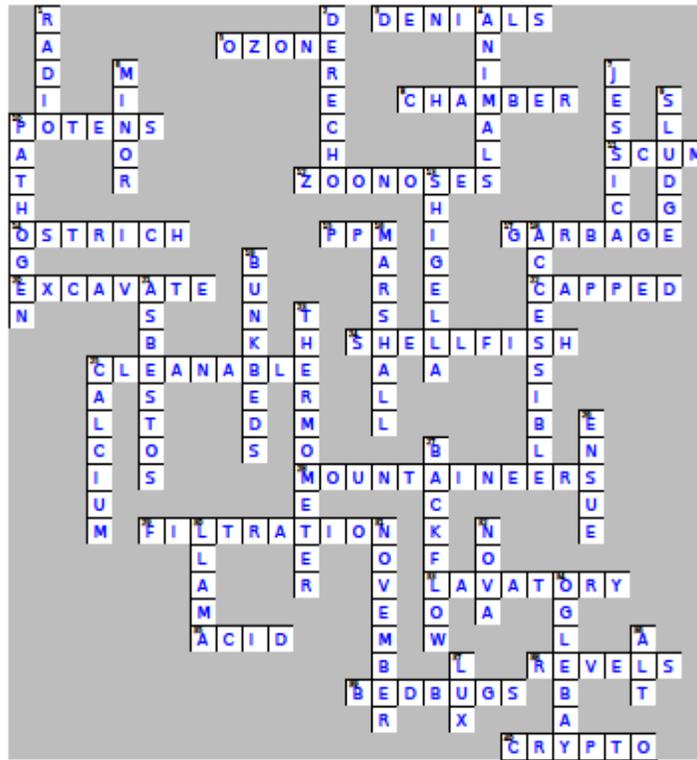


1. Which mosquito-borne disease is most prevalent in WV?
2. If a 12 yr. old child goes to summer camp for 21 days, is the camp considered a child care center?
3. What 5 elements define whether or not RWF water is in balance?
4. What are the 4 stages of bacterial growth?
5. The interior walls of a walk-in refrigerator need to be cleaned. Is this a critical violation?
6. How many water closets (wc)/lavatories are needed at a campground that has 25 sites, but is only open May-November?
7. A well contractor needs to give the local health department a completion report within ? days.





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- 5. No, but it is a critical violation for a reach-in refrigerator
- 6. 1 wc for men, 2 wc for women, and 1 lavatory for each
- 7. 30 days

- 1. La Crosse Encephalitis
- 2. No, according to 64-21-2.2c, if the stay is < 30 days, it is not a child care.
- 3. pH, total alkalinity, calcium hardness, temperature, total dissolved solids
- 4. Lag, log, stationary, and death phases.

Answers to Quiz and Crossword

A special Thank you to Judy Ashcraft, President Elect, for this edition of the Sanitarian Newsletter, Linda Whaley, Newsletter editor



The Minimum qualifications for Sanitarians are as follows:

“A sanitarian who is employed to do public health work in WV shall not be over 35 years of age if entering this field for the 1st time. He shall have successfully completed at least 2 years of college work, preferably in engineering or biological subjects. He shall also have at least 3 months theoretical training in a recognized school of public health approved by the United States Public Health Service and a minimum of 6 weeks of practical training, or its equivalent in field work.”

In addition, these are to be the type of men selected for sanitarian:

“In selecting county and district sanitarians, education and training are not the sole consideration. Personality, physical appearance, and temperament are important, and an effort is made to select men who are not objectionably deficient in these qualities. It has also proved wise to emphasize the disagreeable tasks which may confront a sanitarian, in order to discourage those who are not sincere in their desire for this type of work.”

Does anyone besides me fall short of these qualifications ?

They are from a paper written by J.B. Baker, H.K. Gidley, and Gilbert L. Kelso and presented to the Engineering Section of the American Public Health Association at the 69th Annual Meeting, Oct. 9, 1940. The authors were Supervising Sanitarian, Associate Sanitary Engineer & Sanitary Chemist who were in charge of training Sanitarians for the WV Dept. of Health.

**Sanitarians on tour at the
Greenbrier Main kitchen**



Los Angeles skid row cleanup nets nearly 5 tons of refuse

LOS ANGELES SKID ROW CLEANUP WAS PROMPTED BY A COUNTY REPORT CITING PUBLIC HEALTH DANGERS IN THE AREA. NOW FOR A MAINTENANCE PLAN.

[July 09, 2012](#) | By Alexandra Zavis, Los Angeles Times



Los Angeles Bureau of Sanitation employees wearing hazmat suits sift through... (Mark Boster / Los Angeles...)

Hundreds of hypodermic needles, gallons of human waste and numerous dead rats: These were among the items cleared from the streets and sidewalks of Los Angeles' skid row neighborhood during a 13-day sweep that wrapped up Friday, according to city officials.

The cleanup was launched in response to a Los Angeles County report citing public health dangers in the area.

In all, nearly five tons of trash and more than 81 cubic yards of wastewater were collected from six miles of roadway and sidewalks between 5th and 7th streets and Gladys Avenue and Wall Street, said Michelle Vargas, a spokeswoman for the city Department of Public Works. The haul included soiled mattresses, sofas, wheelchairs and portable commodes.

City workers also removed 278 hypodermic needles, 94 syringes, 60 razor blades, 10 knives, 11 items of drug paraphernalia and a stash of marijuana, Vargas said. Most of the needles were recovered from San Julian Street, between 6th and 7th, an area where police say drug dealers and their clients congregate.

Two 5-gallon buckets of feces and three similar-sized buckets of urine were found in a nearby block of 6th, where a more entrenched homeless encampment had formed, Vargas said.

City officials had said cleaning crews had been hampered by a federal court injunction issued last year that placed limits on the removal of items left unattended on skid row sidewalks. Residents had complained that their property was seized and destroyed while they used a restroom, filled water jugs or appeared in court.

A subsequent buildup of trash, needles and human waste created a health hazard that city officials said they were required to address. Some neighborhood activists accused the city of deliberately allowing conditions to deteriorate to bolster its case against the injunction, allegations denied by the city.

A multiagency task force was assembled to develop policies and procedures that strike a balance between respecting the property rights of the homeless and ensuring that people can live and work safely in the area, said Patrick Butler, an assistant chief with the Los Angeles Fire Department who served as operations manager for the effort.

Notices were posted on walls, and teams assembled by the Los Angeles Homeless Services Authority canvassed the area to ask people to remove their belongings during the cleaning. In the process, at least 14 people were *provided*

shelter and other types of help, said the authority's executive director, Michael Arnold.

The city also paid for an additional 500 storage bins at the Check-In Center, a warehouse run by the Central City East Assn. business improvement district. The facility, which had been operating at capacity for years, can now accommodate the belongings of 1,134 people for free.

Items recovered during the sweep that were not deemed a biohazard were bagged, tagged and sent to a city storage facility, where their owners have 90 days to retrieve them. A total of 30 bags were collected, with items including medicine bottles, checkbooks, identification documents, clothing and at least one watch, Vargas said. Three shopping carts and a walker were also sent to the facility, she said. So far, just one bag has been claimed.

Many residents welcomed the cleanup, although neighborhood activists expressed concern that it might be followed by stricter enforcement of a city regulation that bars items from being stored on the pavement. Pete White, co-director of the Los Angeles Community Action Network, a longtime critic of the city's efforts to clean up skid row, said resources would be better spent addressing the "root causes" of homelessness.

Members of the city task force plan to meet this week to review the effort and develop a maintenance plan. Although the area was noticeably cleaner after the sweep, discarded food containers and streaks of urine were already reappearing on some of the more crowded streets.

alexandra.zavis@latimes.com

Sanitarians in Wastewater Training Class—from the 2011 class

