

LAWRENCE TOWNSHIP HEALTH DEPARTMENT



2017 ANNUAL REPORT

Prepared by
Carol Chamberlain
Health Officer
February 2018

Lawrence Township Health Department 2017 Annual Report

MISSION STATEMENT

The Lawrence Township Health Department provides professional, competent and efficient environmental and public health services to the residents of this community. Under the mandates of the Public Health Practice Standards of Performance for Local Boards of Health and the ordinances and policies of the Board of Health, the health department promotes and protects the public's health by the use of disease prevention activities, health promotion and education, inspections and enforcement activities.

The Health Department responds quickly and effectively to the ever-changing priorities of the public health field in order to meet the needs of the community.

DEPARTMENT OVERVIEW

The health department's primary responsibility is to protect the health of the residents and to prevent the spread of infectious diseases. The Public Health Practice Standards of Performance for Local Boards of Health, N.J.A.C. 8:52, designates activities to be conducted by Local Boards of Health. The three core public health functions include the following shared services:

- Assess and monitor the health of the community and at-risk populations to identify health problems and priorities.
- Formulate public policies with community and government leaders to address local and national public health problems and priorities.
- Provide populations with access to appropriate and cost-effective care including health promotion, disease prevention and follow-up evaluation.

The required activities are conducted by the health department staff which consists of five full-time staff, one part-time nurse and one per diem nurse. Private contractors are hired for pediatrician services, veterinarian services, animal shelter services and deer recovery services.

FULL-TIME STAFF

Carol Chamberlain, B.S., M.Ed.Director

Licensed Health Officer A-100515

Licensed Registered Environmental Health Specialist B-100515

Kathryn Korwin, B.S.N.Public Health Nurse

Registered Professional Nurse

Lead Inspector / Risk Assessor – Permit Number 024726

Aimee Landau, B.S.Registered Environmental Health Specialist

Licensed R.E.H.S., Reg #B-2176

Lead Inspector / Risk Assessor – Permit Number 022657

Certified Pool / Spa Operator – Reg. No. 19-293722

Commercial Pesticide Applicator License #28855B

Retail Food Specialist certified by NJDOH Food Inspection Standardization Program

Carmela Warne, B.A., M.P.H.Registered Environmental Health Specialist

Licensed R.E.H.S. – Reg. No. B-2349

Certified Pool / Spa Operator – Reg. No. 08-268801

Christine BuckAnimal Control Officer

Certified Animal Control Officer No. 516

Certified Animal Cruelty Investigator No. 010

Linda CiosekRegistrar of Vital Statistics

Certified Municipal Registrar CMR #1216

PER DIEM STAFF

Carol NicholasPublic Health Nurse

Registered Professional Nurse

Carolyn MurphyAssistant Animal Control Officer

DEPARTMENT HIGHLIGHTS

- In the summer of 2017, it was determined Colonial Lake had harmful algae blooms in levels above the New Jersey Advisory Guidance. The elevated levels of cyanobacteria in the lake were identified by the New Jersey Department of Environmental Protection Bureau of Freshwater and Biological Monitoring Program. The NJDEP recommended the lake be posted with an advisory regarding the elevated toxins in the water. The presumable cause of the elevated toxins was the combination of high temperatures and low rainfall which created an environment in which cyanobacterial blooms could flourish.
- Throughout 2017, the health department responded to several advisories and notifications regarding the Trenton Water Works. The health department staff distributed information about the events to water service consumers including those at apartment complexes, medical facilities, retail food establishments, schools and daycare centers. Trenton Water Works advisories in 2017 included information concerning water main breaks, a lead advisory, elevated HA5 levels and a water conservation advisory.
- The health department worked in conjunction with the New Jersey Healthcare Quality Institute and the Mayor's Wellness Campaign to bring attention to the Conversation of Your Life program in Lawrence. Activities were completed throughout the year to bring awareness about the importance of end-of-life planning and advanced directives. Programs were held at the Lawrence Library, Rider University, the Greenfest sponsored by Sustainable Lawrence, Community Day and at the senior center. It is anticipated additional programs will be offered in 2018.
- The New Jersey Department of Environmental Protection awarded the Lawrence Township Health Department a grant of \$2,000 to raise awareness of the importance of testing homes for radon. A total of 250 radon kits along with educational material were distributed to Lawrence residents free of charge. To date, we have achieved a return rate of seventy-six percent. Educational information was also distributed at public locations throughout Lawrence in addition to sharing information on the Township website, through Nixle alerts and emails and at health fairs in the Township.
- In 2017, the health department was able to expand its reach to Lawrence residents with the use of social media on Facebook and Twitter. The health department has used social media to promote upcoming programs, clinics and screenings to share health-related messages from the New Jersey Department of Health, the Centers for Disease Control and Prevention as well as the Food and Drug Administration.

SHARED SERVICES

Below is a list of shared services in which the health department currently participates.

Health Service

Partner

- | | |
|--|--|
| • Child Health Services – Provider | Hopewell Township Shared Service Agreement |
| • Sexually Transmitted Disease Clinic-Receiver | Hamilton Township Shared Service Agreement |
| • Nurse Case Manager for Childhood Lead-Poisoning-Receiver | City of Trenton Memorandum of Understanding |
| • Emergency Public Health Shared Services | Mercer County Shared Agreement |
| • Drug and Alcohol Prevention Services | Mercer County Shared Service Agreement |
| • Deer Carcass Removal | Mercer County Cooperative Purchasing Agreement |
| • Disposing of Animals | Hopewell Township Shared Service |
| • Tuberculosis Services – Receiver | Trenton Health Team-Grant from Mercer County |

PARTNERSHIPS

The role of the local board of health includes assuring access to prevention services. The health department works in conjunction with healthcare providers and community agencies to assure residents have access to health education and health promotion programs as well as to health screenings. The health department works cooperatively with the following agencies:

- St. Lawrence Rehabilitation Center
- Capital Health System – Hopewell Campus
- Robert Wood Johnson University Hospital at Hamilton
- Penn Med Princeton Health
- Mercer Council on Alcohol and Drug Abuse
- Mercer County Prevention Coalition
- Lawrence Township Board of Education
- The College of New Jersey School of Nursing
- Homefront
- New Jersey Department of Environmental Protection
- Hunterdon/Mercer County Regional Chronic Disease Coalition
- Mercer County Nutrition Program
- Rider University
- Greater Mercer Public Health Partnership
- Lawrence Senior Center
- Lawrence Township Recreation Department
- Rutgers University School of Public Health

SERVICES PROVIDED

COMMUNITY AND ENVIRONMENTAL HEALTH

- Regulate and Inspect Retail Food Establishments (inspections and plan reviews)
- Regulate and Inspect Public Bathing Places
- Regulate and Inspect Tanning Facilities
- Regulate and Inspect Body Art Facilities
- Regulate and Inspect Massage Therapy Establishments
- Regulate and Inspect Youth Camps
- Vermin Control Investigations
- Weeds and Obnoxious Growth Investigations
- Non-Residential Property Maintenance Complaint Investigations
- Public Health Nuisance Complaint Investigations
- Litter and Debris Investigations
- Tobacco Age of Sale Enforcement and Inspections
- Foodborne Illness Investigations
- Child Care Center Inspections
- Enforcement of State and Local Regulations

EMERGENCY PREPAREDNESS

- Public Health Emergency Response
- Public Health Emergency Planning and Exercise

HEALTH EDUCATION, PROMOTION AND ADVOCACY

- Community Health Assessment
- Community Health Partnership Development
- Community Health Planning
- Smoking Prevention Education
- Nutrition and Exercise Education
- Counseling and Referral Services
- Emergency Preparedness Promotion and Education
- Community Health Fairs
- Management of Lawrence Alcohol and Drug Alliance Grant
- Senior Center Health Education Programs and Health Screenings
- Substance Abuse Prevention Programs

ADULT HEALTH PROMOTION

- Cancer Screening and Counseling
- Diabetes Screening and Counseling
- Cardiovascular Screening and Counseling (blood pressure screening)
- Vision and Hearing Screening

AIR AND NOISE POLLUTION CONTROL

- Air Pollution and Odor Complaint Investigations
- Noise Complaint Investigations
- Enforce Smoking Regulations
- Radon Testing and Education

SERVICES PROVIDED

COMMUNICABLE DISEASE PREVENTION

- Infectious Disease Reporting and Investigation
- Investigate Disease Outbreaks
- Immunization Services for Uninsured Infants and Children
- School and Day Care Immunization Audits
- Tuberculosis Screening and Treatment Monitoring
- Sexually Transmitted Disease Testing, Counseling and Treatment
- Influenza Vaccinations

MATERNAL AND CHILD HEALTH PROMOTION

- Nutrition Counseling Services
- Child Health Conferences
- Women, Infants and Children (WIC) Program
- Childhood Lead Poisoning Risk Assessments
- Blood Lead Screening for Children
- Childhood Lead Poisoning Investigations and Abatement Enforcement
- Prenatal and Postpartum Home Visits
- Vision and Hearing Screenings
- NJ Family Care Information and Referral

RABIES AND ANIMAL CONTROL

- Animal Bite Investigations and Quarantine Enforcement
- Control of Stray Animals
- Assistance with Wildlife Conflicts
- Rabies Vaccination Clinics
- Inspections of Kennels, Shelters and Pounds
- Coordination of Deer Recovery
- Testing of Crows for West Nile Virus
- Pet Shop and Kennel Inspections

WATER QUALITY PROTECTION

- Well Installation and Well Sealing Inspections
- Septic System Regulation and Inspections
- Private Well Testing Act Notification
- Soil Testing and Site Evaluation for Septic Systems

VITAL STATISTICS

- Marriage Licenses, Domestic Partnership and Civil Union Licenses
- Certified Copies of Marriage, Birth and Death Certificates

ADMINISTRATIVE ACTIVITIES

- Issuance of Permits and Licenses
- Review of Zoning Board and Planning Board Applications
- Coordination of Partnerships and Shared Services
- Coordination of Financial Activities Including Revenue Collection

HEALTH DEPARTMENT ACTIVITIES

VITAL STATISTICS

The Registrar of Vital Statistics maintains all records of the marriages, domestic partnerships, civil unions, births and deaths, which occur in Lawrence Township. The services provided include handling burial permits, issuing marriage licenses and certified copies of vital records.

- **In 2017, 160 marriage licenses were issued and a total of 285 certified copies of vital records were issued.**

ENVIRONMENTAL AND CONSUMER HEALTH SERVICES

The environmental and consumer health inspections are conducted by the Registered Environmental Health Specialists (inspectors). Inspections, education and enforcement activities are conducted to ensure businesses are in compliance with public health regulations. Residential and commercial properties are inspected to assure they are maintained in compliance with local ordinances.

RETAIL FOOD ESTABLISHMENTS

Routine inspections of all retail food establishments located within the township are conducted annually. Based on the risk level of the establishment, which is determined by the extent of food preparation performed, inspections may be conducted more frequently than once per year. Inspections are conducted to ensure establishments are clean, safe and are operated in accordance with N.J.A.C. 8:24 "Sanitation in Retail Food Establishments". The inspectors also respond to complaints and monitor recalled food products to ensure the food sold and served is safe for consumption by the public.

- **In 2017, there were 382 establishments licensed in Lawrence Township.**
- **There were 398 routine inspections conducted and 70 re-inspections were conducted.**
- **Plan reviews were conducted for 11 new or renovated food establishments.**
- **There were 17 pre-operational inspections of food establishments conducted in 2017.**
- **In addition, there were a total of 55 non-routine emergency and/or complaint-related investigations completed.**

PUBLIC BATHING PLACES

The inspectors monitor and inspect public bathing places throughout the municipality. This includes pools at schools, health clubs and housing complexes. Water quality is monitored and pools are checked for the required safety equipment and personnel as required by N.J.A.C. 8:26 "Public Recreational Bathing".

- **In 2017 there were 28 licensed public bathing places.**
- **There were a total of 51 routine inspections conducted.**
- **There were a total of 28 pre-operational inspections completed.**
- **A total of thirteen re-inspections of bathing places were conducted.**
- **Two facilities required temporary closures due to water quality test results.**

YOUTH CAMPS

The New Jersey Department of Health requires youth camps to be inspected by the local health department prior to opening each year and there may be follow-up inspections conducted at the request of the State Health Department. Inspections are conducted to ensure that camps are in compliance with sanitation and safety standards as required by N.J.A.C. 8:25.

- **In 2017 there were 14 youth camps licensed by the state, which were located in Lawrence Township.**
- **There were a total of 13 pre-opening inspections performed.**

PUBLIC HEALTH NUISANCES

The health department receives requests for investigations of public health nuisances concerning weeds, insects, rodents, garbage, trash, yard waste, odors and general unsanitary conditions. Inspections, owner notification, follow-up and enforcement are conducted for abatement of the violations. Local ordinances are enforced to assure the abatement of the various public health nuisances.

- **In 2017 there were 371 inspections performed and 804 re-inspections conducted.**
- **These inspections were completed by the Registered Environmental Health Specialists and the Health Officer.**
- **There were 25 enforcement actions taken by the inspection staff for non-compliance.**

INDIVIDUAL WATER SUPPLIES (WELLS)

The health department monitors the installation of wells and the sealing of abandoned wells as per N.J.D.E.P. requirements. In addition, the results of water testing conducted in accordance with the N.J.D.E.P. Private Well Testing Act are reviewed by the health department staff. Property owners are notified by the health department when testing standards are exceeded.

- **There were ten well abandonment inspections performed in 2017.**

INDIVIDUAL SEWAGE DISPOSAL (SEPTIC SYSTEMS)

The design, construction and operation of individual sewage disposal systems are monitored to assure the proper treatment and disposal of sewage on individual properties.

- **Plan reviews were completed for 11 septic systems. The work on these systems consists mostly of the replacement of disposal fields or significant repair to existing septic systems which have been identified as malfunctioning. Most of the malfunctioning systems have been identified during real estate transfers.**
- **Permits were issued for minor repairs to septic systems at seven properties.**
- **A total of 79 installation inspections were conducted.**
- **A total of 53 soil tests and soil logs were witnessed by the health department staff.**

TANNING FACILITIES

N.J.A.C. 8:28, Tanning Facilities regulations were adopted in 2009. Currently the NJDHSS does not mandate these facilities be inspected. The state collects a registration fee for tanning facilities.

- **There are currently no tanning salons registered in Lawrence Township.**

BODY ART ESTABLISHMENTS

The NDHSS currently does not require body art establishments to be inspected according to the Public Health Practice Standards. The township does have an ordinance that requires body art establishments to be licensed.

- **Currently there are no body art establishments located in Lawrence Township.**

MASSAGE ESTABLISHMENTS

In 2016, eight massage establishments were licensed in Lawrence Township. The inspection of an establishment includes a review of the credentials of each therapist to ensure they are properly licensed. In addition, the establishments are inspected in order to assure they are in compliance with the local ordinance.

- **There were 11 inspections of massage establishments in 2017.**

PUBLIC HEALTH NURSING SERVICES

The public health nurse is responsible for the following programs within the health department; Maternal/Child Health, Communicable Disease, Chronic Disease/Adult Health, Health Promotion, and Public Health Emergency Planning. Services are provided to residents of all ages including infants, pre-school and school age children, adults and older adults. These services are provided by one part-time Public Health Nurse with the assistance of a per diem nurse. The health department works in conjunction with area physicians, school nurses, hospitals, longterm care facilities and state and county health department staff to assure these activities are completed in a timely and accurate manner.

CHILD HEALTH CONFERENCE(S)

The health department provides childhood immunizations and well-baby visits to children ages two months to eighteen years who reside in Lawrence who are uninsured or underinsured. The vaccine is provided to the health department by the Federal Vaccine for Children program. The clinic is staffed by the two public health nurses and a pediatrician. Many of these families have needs beyond clinical needs for which the nurses provide information, resources and referrals to the families.

- **There were 11 child health conferences conducted.**
- **A total of 134 children were seen at the clinics with 354 immunizations being administered.**

CHILDHOOD LEAD POISONING

Chapter 13 of the State Sanitary Code states all children under the age of six years should have a blood test to determine their blood lead level. The parents of the children who attend the child health conference are educated on the importance of blood lead testing and children are offered the testing at the clinic. Parents are also provided with information on how to reduce their child's potential exposure to lead. Currently, Lawrence Township has a shared service agreement with the City of Trenton for the Nurse Case Management portion of the elevated lead investigations.

- **Three children were screened for elevated blood levels in 2017.**

IMMUNIZATIONS

The public health nurse conducts immunization audits at pre-schools and private and public schools in Lawrence Township. In 2017, there were 24 pre-schools and 14 schools in Lawrence Township. The audits consist of reviewing immunization records to assure children are age-appropriately vaccinated.

- **There were 23 pre-schools, 13 elementary schools and one high school that were audited in 2017.**

COMMUNICABLE DISEASES

REPORTABLE DISEASES

N.J.A.C. 8:57-1 “Reportable Diseases” requires the reporting and investigation of specific diseases where the individual resides. Investigation and follow-up is completed for all reportable diseases and for outbreaks of respiratory illness or gastro-intestinal illness in any institution or long-term care facility. Institutional outbreaks require immediate attention as well as coordination and communication with the staff of the facility.

All reportable diseases are reported through the N.J.D.H.S.S. Communicable Disease Reporting and Surveillance System (CDRSS). Upon receipt of reportable diseases, the public health nurse investigates the case, inputs the details of the case into the CDRSS including laboratory test results, the case management details from the physician and the diagnosis analysis.

- **In 2017 there were 122 communicable diseases reported and investigated.**
- **Of those, 106 cases were confirmed positive while others were deemed not to be a case, based on the case definition as determined by the New Jersey Department of Health. Follow up is conducted on a case by case basis.**

TUBERCULOSIS CONTROL

Testing for exposure to Tuberculosis is conducted on specific high-risk individuals within the community. The individuals include teachers, pre-school staff, contacts of individuals who have tested positive for tuberculosis and health care professionals.

- **There were 24 people screened for tuberculosis exposure in 2017.**
- **The City of Trenton and the Trenton Health Team are working cooperatively to provide case management for Mercer County residents who test positive for tuberculosis.**

SEXUALLY TRANSMITTED DISEASES

This service is provided to residents through a shared service agreement with the Hamilton Township Health Department. The agreement includes the patient assessment, diagnosis, treatment and contact follow-up.

- **There were 17 Lawrence residents who received services for sexually transmitted diseases in 2017.**

ADULT HEALTH SERVICES

The health department provides screenings and education for chronic diseases including blood pressure and blood sugar screenings. In addition, the health department works with local providers to provide cancer screenings and for referrals for health screenings.

DIABETES AND CARDIOVASCULAR DISEASE

The public health nurse offers blood sugar and blood pressure screenings monthly at the Lawrence Township Municipal building. In addition, local providers will periodically offer screenings at the Lawrence Senior Center during the monthly health programs.

- **In 2017 the public health nurse provided 41 diabetes risk assessments and 176 blood pressure screenings.**
- **Screenings were offered by local providers throughout the year for a total of 550 screenings conducted.**

INFLUENZA IMMUNIZATION PROGRAM

Mass immunization clinics are offered annually by the health department and home visits are conducted by the public health nurses for homebound residents. Influenza vaccinations are initially offered to high-risk residents, such as individuals over the age of 65 years and those with chronic illness. Upon completion of those at high risk, the remaining vaccine is offered to residents and township employees.

- **In 2017 four seasonal influenza immunization clinics were conducted.**
- **There were a total of 186 immunizations administered.**
- **A fee of \$15.00 was charged for a flu vaccination for those who were not over 60 years of age or chronically ill.**
- **Medicare reimbursement will be sought for vaccinations given to individuals over 65 years of age.**

HEALTH PROMOTION

Throughout the year, health promotion activities are conducted by the health department staff. Some programs are health education programs for a specific group such as summer camp children or seniors, while other health promotion programs are integrated with other activities. The health department regularly works with local health providers, hospitals and area agencies to provide a variety of health promotion activities.

- **The health department participated in 29 health promotion activities reaching approximately 1775 individuals at the various events throughout 2017.**

PUBLIC HEALTH PREPAREDNESS

Local health officials respond to both man-made and natural disasters. The health department staff responds to power outages, water service disruptions, fires at restaurants as well as communicable disease issues.

- **The health department continues its preparedness efforts. Two staff members completed the Federal Emergency Management Institute course entitled “Community Mass Care and Emergency Assistance”.**
- **The health department continues to improve and update the inventory of emergency supplies.**

ANIMAL CONTROL

Lawrence Township has one full-time Animal Control Officer and a part-time back-up Assistant Animal Control Officer for emergencies. The Animal Control Officer is responsible for picking up stray and injured animals and for investigating and reporting animal bites which occur in the Township. The investigation of complaints and the enforcement of all state and local regulations pertaining to animals are performed by the Animal Control Officer. Kennels and pet shops are inspected annually by the Animal Control Officer to ensure compliance with state regulations. Rabies clinics are also coordinated by this office.

- **In 2017, 37 stray dogs and 90 stray cats were picked up by the Animal Control Officer.**
- **There were 23 dog bite investigations completed.**
- **Seven pet shop and kennel inspections were conducted.**
- **There were a total of 1534 calls for services addressed by the Animal Control Officer.**
- **In the Rabies Control Program, the township conducted 2 rabies vaccination clinics.**
- **A total of 216 dogs and 72 cats were vaccinated at the clinics.**
- **There were 15 specimens submitted to the NJ State Laboratory for rabies testing in 2017. None of the specimens tested positive for rabies.**
- **Deer removal is a coordinated effort with the state, county and a private contractor. The police department also assists with reporting dead deer for removal after hours. A total of 197 deer were removed from roadsides in 2017.**

LAWRENCE ALCOHOL AND DRUG ALLIANCE

The Municipal Alliance Committee is comprised of citizens and professionals from Lawrence Township. This group works together to develop a comprehensive, coordinated plan to provide substance abuse awareness activities to the residents of Lawrence. This work is done through the completion of a community needs assessment every few years. The results of the needs assessment are then used to develop a strategic plan.

Activities supported by the Alliance include Project Graduation at Lawrence High School, substance abuse and mental health programming on the BRONC Radio 107.7 at Rider University, Camp Fire NJ programs in the elementary schools and peer leadership activities at the high school. Health education programs are also conducted by the Alliance at the Lawrence Senior Center and at community events.

Funding for the Lawrence Alcohol and Drug Alliance is provided through a grant from the Governor's Council on Alcohol and Drug Abuse. In 2017, the funding amount was \$21,708.00.

2017 Lawrence Alcohol and Drug Alliance Committee

Carol Chamberlain, Health Officer

Lt. Joseph Amodio, Lawrence Township Police Department

Ann Degennaro, Superintendent of School Designee

Sue Varga, Community Representative

Susan Stahley, Rider University

Kelly Nitti, Community Representative

Naeem Akhtar, Community Representative

Nancy Bergen, Superintendent of Recreation

Dr. David Maffei, Council Liaison

FUTURE INITIATIVES

- The health department will be working closely with the Greater Mercer Public Health Partnership in 2018 to conduct a Community Health Needs Assessment and develop a Community Health Improvement Plan. Areas of focus previously have included chronic disease, mental health, access to care and transportation and healthy eating and active living. The assessment will be conducted county-wide and partners in the project will include local health departments, four area acute care facilities as well as public health students from Temple University and The College of New Jersey.
- Emergency preparedness efforts will continue to be an area of focus. The health department will work with the Mercer County Health Department to prepare residents and businesses for emergency events. Activities will address emergency shelter issues and participation in planning exercises.
- Quality improvement plans are to be enhanced for a variety of health department activities. Staff members will work on quality improvement plans for tasks related to their work activities. Areas of focus will include updating the Communicable Disease Manual and Animal Control Operations.

HEALTH ADVISORY BOARD

Mary Baird, Chairperson

Leo Brummel

Anthony Brickman, MD

Darlene Hanley

Maureen Adams

Kevin McGuigan, MD

Rabiah Asif

Cathleen Lewis, Council Liaison

Carol Chamberlain, Health Officer, Staff Liaison