



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
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AMY HARBERT
ASSISTANT DIRECTOR

January 12, 2021

TO: Supervisor Nathan Fletcher, Chair
Supervisor Nora Vargas, Vice Chair
Supervisor Joel Anderson
Supervisor Terra Lawson-Remer
Supervisor Jim Desmond

FROM: Amy Harbert, Assistant Director
Department of Environmental Health

ENVIRONMENTAL HEALTH ADVISORY BOARD – 2020 ANNUAL REPORT

Provided for your information is a copy of the County of San Diego, Environmental Health Advisory Board's 2020 Annual Report. The County of San Diego's Administrative Code, Section 249.8, Article XV-A requires this report be submitted to the Board of Supervisors annually.

The Environmental Health Advisory Board (EHAB) is comprised of 17 talented and highly-qualified professionals from County industry and community groups some of which serve at your appointment. EHAB was established to advise and provide technical input to the Board of Supervisors, the Chief Administrative Officer and the Director of the Department of Environmental Health (DEH) on the development and implementation of programs that address the environmental needs of San Diego County. The County is very fortunate to have such a dedicated and diverse group of community leaders willing to volunteer their services as advisors.

The attached 2020 EHAB Annual Report contains recommendations for programs and projects within the scope of the DEH and identifies the areas of interest EHAB intends to focus on in the upcoming year.

Please feel free to contact me at (858) 505-6671, if you have any questions regarding the Environmental Health Advisory Board's Annual Report or their observations.

Respectfully,

Amy Harbert

Amy Harbert, Assistant Director

Attachment: Environmental Health Advisory Board 2020 Annual Report

cc: LUEG Executive Office



County of San Diego

Environmental Health Advisory Board

Malcolm Vinje
Chairman

Stephen Zolezzi
Vice Chairman

January 12, 2021

Supervisor Nathan Fletcher, Chair
Supervisor Nora Vargas, Vice Chair
Supervisor Joel Anderson
Supervisor Terra Lawson-Remer
Supervisor Jim Desmond

ANNUAL REPORT - 2020

Dear Board Members:

Section 249.8, Article XV-A of the County of San Diego Administrative Code requires the Environmental Health Advisory Board (EHAB) to submit an annual report of its recommendations concerning the Department of Environmental Health (DEH) to the Board of Supervisors.

In accordance with the above requirement, this letter constitutes EHAB's Annual Report, and is submitted for the period of January 1, 2020 to December 31, 2020. During this past year, EHAB met 10 times on the following dates: January 22nd, February 26th, April 22nd, May 27th, June 24th, July 22nd, September 23rd, October 21st, November 17th, and December 16th.

EHAB consists of 17 professional, industry and community members appointed by the Board of Supervisors and usually meets monthly throughout the year. EHAB was established to advise and provide technical input to the Board of Supervisors, the Chief Administrative Officer, and the Director of the DEH on the development and implementation of programs that address the environmental public health needs of the San Diego County region.

DEH enhances San Diegans' quality of life by protecting public health and safeguarding environmental quality, educating the public to increase environmental awareness, and implementing and enforcing local, state, and federal environmental laws. DEH regulates the following: retail food safety; public housing; public swimming pools; small drinking water systems; body art; mobilehome parks; onsite wastewater systems; recreational water; aboveground and underground storage tanks, including cleanup oversight; storage of hazardous materials; and disposal of medical and hazardous wastes. In addition, DEH serves as the Solid Waste Local Enforcement Agency, reduces diseases carried by rats and mosquitoes and helps to ensure safe workplaces for County employees.

This EHAB Annual Report highlights and recognizes program areas of environmental and public health significance and recommends continued focus on these areas.

EHAB recognizes and supports DEH's prompt response to COVID-19 global pandemic.

EHAB recognizes DEH's:

- Collaboration with the Health and Human Services Agency (HHSA), multiple other county departments and local jurisdictions to comply with State and local Health Officer Orders.
- Prompt investigation of COVID food handler cases and community outbreaks associated with food facilities.
- Leadership in developing, distributing, and sharing resources with other jurisdictions in the State.
- Educational outreach to their regulated industries on safe reopening protocols and guidance to protect their employees and customers, including over 13,000 field inspections at permanent food facilities, more than 85 GovDelivery messages, 55 emails and 235 social media posts.
- Health and safety consultations by the Occupational Health Program to employees of the Emergency Operations Center and various County departments, including HHSA, Probation, Sheriff, Public Works, Human Resources, and General Services.
- Ability to modify and continue their operations and services by providing virtual counter services, remote virtual inspections and meetings, and leveraging staff teleworking.
- Readiness to resume regular operations and in person services as soon as it is safe to do so.

EHAB recognizes and supports DEH's focus on preparedness and statewide leadership and engagement in emerging issues and regulations.

EHAB recognizes and supports DEH's:

- Active coordination with other city, state and federal agencies, as well as other County departments, for the prevention of illness related to environmental health and public health risks.
- Leadership in emergency response and disaster recovery, which has benefitted not only San Diego county, but also other agencies throughout the state. This includes DEH's emergency response and recovery efforts to the September 2020 Valley Fire. During this fire emergency, DEH: activated a virtual Department Operations Center; contacted regulated businesses potentially impacted in the fire perimeter and evacuation area; conducted food safety and housing inspections at temporary shelter operations; conducted hazardous materials assessments at 37 properties; collected household hazardous waste from damaged and destroyed residential properties; issued two precautionary boil water orders for small drinking water systems; and supported the County's local assistance center.
- Coordination with city agencies and other County departments for cannabis businesses that use hazardous materials and operate without a DEH hazardous materials permit to ensure compliance with State law and local requirements. DEH should continue to participate in the Marijuana Enforcement Task Force with law enforcement, city agencies and other County departments to identify and manage risks to public health and the environment from illegal cannabis activities.
- Participation in statewide working groups and partnership with statewide professional organizations to draft legislation regarding third party food delivery (AB 3336) which was approved by the Governor on September 18, 2020.
- Support of legislation that establishes further food safety standards and clarifies California Retail Food Code language regarding third-party food ordering and delivery services, Fishermen's Markets, Limited Food Preparation, and Limited Service Charitable Feeding organizations.
- Efforts to look for emerging and endemic vectors for investigation of vector-borne infectious disease cases.

- Development and implementation of a mosquito pesticide resistance monitoring program.
- Preparation of a Program Environmental Impact Report for the Integrated Vector Management Program.
- Continued collaboration with County Department of Public Health Services in the investigation of vector-borne illness reports.
- Continued efforts in US-Mexico border environmental health activities such as hazardous materials and hazardous waste transporter inspections.
- Continued efforts to improve the Beach Monitoring Program through evaluation of a rapid test method for beach water quality monitoring, increased use of social media for public advisories, and increased community education and outreach activities.
- Enhanced beach water quality monitoring along the south county coastline to proactively assess potential ocean water impacts from cross-border sewage spills or Tijuana River flows that may cause increased risk of human illness for swimmers, surfers or other recreational water contact users.
- Continued collaboration on region-wide technical advisory groups and involvement on the review of proposed statewide regulations regarding food facilities, public swimming pools, solid waste, underground storage tanks, aboveground petroleum storage, hazardous waste, hazardous materials business plans, emergency response, accidental release prevention, enforcement, and training.
- Statewide technical expertise and leadership in implementing regulations (AB 1429, 2019) associated with reporting of hazardous materials information into the statewide electronic reporting system, also known as the California Environmental Reporting System (CERS). This law streamlines reporting requirements for the regulated business community when there are no changes at smaller and medium-sized hazardous materials facilities.

EHAB recognizes and supports the County's ongoing planning efforts and operational changes as a result of climate change.

EHAB supports DEH's efforts in their continued response to the effects from climate change and prolonged drought on groundwater resources; their ongoing emergency planning for response to extreme weather events; and to improve local vector-borne and foodborne illness surveillance in order to better monitor and proactively respond to emerging environmental public health risks.

EHAB supports DEH's emphasis on public health and regulatory education and outreach to its stakeholders and the public.

EHAB supports and encourages DEH's:

- Continued efforts to seek input from stakeholders and to provide educational workshops, including virtual meetings, to increase awareness of environmental and public health and improve regulatory compliance for DEH programs, with a focus on identifying how department services can be more inclusive to better serve all members of the diverse community and region. Efforts to develop metrics to monitor usage of online services and to continue expanding and/or advancing all online services including: online permit billing and fee payment (23.4% of all DEH payments, up from 21.0% last year); California Environmental Reporting System (CERS) computer-based training; online public records; online training; online scheduling of underground storage tank plan check inspections; and online submission of food facility and public pool construction plans to meet the needs of businesses and the public.
- Continued efforts to educate, train, and provide a compliance-based incentive program (EPIC+) for facilities in the Biotechnology and Research and Development industries in San Diego County.

- Implementation of a new mobile application to more efficiently conduct temporary event food inspections.

EHAB recognizes and supports DEH's efforts to maintain fiscally sustainable programs for public health protection.

EHAB recognizes and supports DEH's:

- Efforts to assess full cost recovery fees to support program mandates, a level of service expected by stakeholders and customers, and efforts to analyze costs, implement ongoing cost containment measures and business process improvements, and bring forth more frequent fee proposals to ensure full cost recovery of services provided.
- Evaluation of state mandates, program efficiencies, and cost containment measures that resulted in changes and streamlined requirements for small quantity medical waste generators throughout the region who had demonstrated consistent operational compliance.
- Continued efforts to conduct ongoing in-depth program analysis of operations, service levels, permits, and fee structures to determine programmatic efficiencies, including inspection programs associated with small drinking water systems, mobile home parks, and retail food facilities.
- Efforts to retitle the department and implement organizational changes to reflect the broad spectrum of programs it implements to protect public health and the environment. These changes will synergize and align the Health Officer Programs under a division Director of Environmental Health who is a Registered Environmental Health Specialist and preserves their immediate supervision over these programs, and focus on the implementation of programs, legislation, emerging trends, support stakeholder engagement and collaboration with the Public Health Officer.
- Continued daily synchronization of inspection information from DEH's data system to CERS, allowing businesses to see the most recent compliance information regarding their facilities.
- Efforts to recruit and maintain qualified, highly skilled staff.
- Continued efforts to utilize technology as a means of identifying program efficiencies and contain costs.
- Efforts to explore expedited service options while continuing to ensure public health and safety and a level playing field for businesses.

EHAB acknowledges the awards and recognition DEH has received in 2020 for its expertise and innovative leadership.

- *Achievement Award for Simultaneous Dengue Virus 1-4 Testing*, National Association of Counties (NACo). This award was received for the development and implementation of a new laboratory testing method that can analyze mosquito samples for all four types of dengue viruses, DENV1-4, in one test. This change has resulted in quicker results being available, which is important for the protection of public health. In addition, this process improvement led to time and cost savings for the Vector Control Program, for example, in one fiscal year what would have taken 1,520 single tests under the previous testing protocol, now takes 380 tests using the new testing protocol. Additionally, this new testing protocol can be used in other Vector Control testing laboratories.
- *Award of Excellence for COVID-19 Communication Strategies*, California Conference of Directors of Environmental Health (CCDEH). This award was received for DEH's communication strategies during the COVID-19 pandemic. DEH created a variety of operational guidance, protocols, new online applications, and frequently asked questions (FAQs) to assist permitted operators in understanding and implementing local and State health officer orders

and industry guidance provided by the State. To enhance the distribution of information, these resource documents were made available in the top nine languages spoken in the San Diego region: English, Spanish, Vietnamese, Tagalog, Somali, Korean, Karen, Chinese, and Arabic. To promote these resources and other agency COVID-19 information resources, DEH proactively provided information and education through a variety of platforms in order to reach all of DEH's diverse audiences. This helped foster honest communication and build partnerships with operators and the government.

EHAB also recognizes and supports the following issues within the scope of the County, but not within the DEH:

EHAB recognizes and supports:

- The goals of the County's Strategic Plan to Reduce Waste and the County's efforts to encourage the development of organics recycling infrastructure, the use of food donations as a means to divert organic waste, and the use of waste conversion technologies to minimize the amount of waste being disposed and ease the burden on current and proposed landfills.
- The County's efforts to conduct outreach and education on the topics of source reduction, pollution prevention, and recycling of a variety of materials to reduce per capita 2018 disposal rates in the unincorporated San Diego County (5.5 pounds per person) as compared to the 2018 statewide rate (5.2 pounds per person).
- The County's *Live Well San Diego* Food System Initiative that is building better health, living safely, and thriving through implementation of the Food System Donation Action Plan which seeks to support and improve food donation in the region to help address nutrition insecurity, while also reducing food waste.
- The County's efforts in developing a Climate Action Plan to reduce the County's overall contribution of greenhouse gas emissions to the atmosphere, to conserve energy and water resources, and to improve air quality and community health.
- The County's Electric Vehicle (EV) Roadmap that invests in EV technology by installing EV charging stations at County facilities accessible to the public, building out EV charging infrastructure in the unincorporated area, collaborating with regional partners to encourage they buy and use more EVs, and replacing more than 500 existing gas-powered County vehicles with EVs by 2027.
- The County's Strategic Energy Plan that provides both long- and short-term goals to reduce County Operations utility usage and costs, minimize its impact on the environment, and assimilate sustainable practices throughout the organization.
- The County's Kresge Initiative to prepare a Memorandum of Agreement between County Public Health Services and local municipalities to clearly delineate health program roles and responsibilities, to improve health emergency-related communication, and to support mutual goals for improved regionwide health outcomes.
- The County's Public Health Services department's pursuit to renew agency accreditation from the national Public Health Accreditation Board.

Additional EHAB Findings of Support for specific DEH Program Areas are also attached in Appendix A and DEH's Fiscal Year 2019-20 Operational Highlights are attached in Appendix B of this report.

In conclusion, the members of EHAB (see Appendix C – EHAB Membership Roster) are pleased to be of assistance to DEH in their protection and support of a healthy community and environment. DEH is to be congratulated on their fiscal discipline, as well as their proactive leadership and approach to seeking efficient and innovative solutions to traditional and emerging issues.

This report was discussed and unanimously approved at the EHAB Meeting held on December 16, 2020. I am available to discuss this report or answer any questions, please call me at (760) 743-1214 or email vinje.middleton@sbcglobal.net.

Sincerely,



MALCOLM VINJE, Chairman
Environmental Health Advisory Board

Attachments: Appendix A – EHAB Findings of Support for DEH Program Areas
Appendix B – DEH's Fiscal Year 2019-20 Operational Highlights
Appendix C – EHAB Membership Roster

cc: Environmental Health Advisory Board Members
Helen Robbins-Meyer, Chief Administrative Officer
Sarah Aghassi, Deputy Chief Administrative Officer, Land Use and Environment Group
Amy Harbert, Assistant Director, Department of Environmental Health

APPENDIX A – EHAB FINDINGS OF SUPPORT FOR DEH PROGRAM AREAS

Food Safety:

- EHAB recognizes the potential adverse public health effects of foodborne illness and the importance of working with the food industry to improve employee behaviors and food handling practices. The County should continue efforts in pursuing compliance through education and improved food facility practices and procedures.
- EHAB recognizes DEH's efforts to successfully continue the implementation of process improvements in the Food and Housing Division Plan Check Program that results in increased efficiency and enhanced customer service in support of the local economy.
- EHAB recognizes DEH's collaboration with the *Live Well San Diego* Food System Initiative and its work in supporting the food insecure population by promoting safe food donations through support and education to industry donors, markets, and local Food Banks and associated pantries.
- EHAB recognizes DEH's efforts in providing improved notification procedures of food facilities through their implementation of a countywide grading program for fixed and mobile food facilities, offering the public the ability to make safe dining choices. EHAB also recognizes DEH's smart phone application, *SDFoodInfo.org*, for enhanced access to restaurant and food safety information.
- EHAB supports continued communication and food safety educational outreach efforts with public school nutrition directors to ensure the safety of children while in school.
- EHAB recognizes DEH's continued support for the local fishing industry and DEH should continue working with the local fishing industry as their operations evolve.
- EHAB recognizes the value of preparing for the event of a largescale foodborne illness outbreak and supports collaboration with industry, government, and academia on a tabletop exercise to strengthen emergency preparedness.

Public Health and Safety:

- EHAB recognizes DEH staff's role in the outreach efforts for the Public Safety Power Shutdowns, including proactive guidance on food, hazardous materials, small public water systems, and response efforts including boil water advisories and other environmental health functions.
- EHAB recognizes the potential adverse public health effects caused by improper body art application procedures and DEH's partnership with the body art industry through education and outreach. DEH should continue participating in the California Conference of Directors of Environmental Health (CCDEH) Technical Advisory Committee and contributing to legislative updates to the Safe Body Art Act.
- EHAB recognizes DEH's leadership in the Southern California Organized Camp Technical Advisory Committee under the sponsorship of the CCDEH to promote consistent application of Organized Camp laws and regulations. DEH should continue their leadership role in the consistent implementation of Organized Camp laws and regulations to protect the thousands of children that attend those camps every year and collaborate in CCDEH's efforts to extend protection to children who attend day camps.
- EHAB recognizes the potential adverse public health and safety effects caused by improper operation, maintenance and oversight of public swimming pools by pool operators and DEH's participation in the CCDEH California Recreational Health Technical Advisory Committee to promote consistent application of swimming pool laws and regulations.
- EHAB supports DEH's efforts to bring unpermitted facilities within their jurisdiction into compliance.

- EHAB supports continued community outreach and education to increase awareness of environmental concerns within the San Diego region.

Responsible Waste Management:

- EHAB supports continued efforts to require extended manufacturer responsibility (EPR) for products that contain hazardous materials and products that become hazardous waste upon disposal. Statewide legislation over the past few years has resulted in the establishment of EPR programs for items such as home-generated sharps and pharmaceuticals, architectural coating (paint), mattresses and carpets, which increases recycling opportunities and can reduce costs to local governments and rate payers.
- EHAB supports an increase in mobile household hazardous waste (HHW) collection events and a North County HHW facility or expanded services for the safe collection and disposal of hazardous wastes generated by unincorporated residents.
- EHAB supports continued efforts to require solid waste source reduction, recycling, and organic diversion to reduce greenhouse gas emissions, expand solid waste recycling efforts, reduce the potential for nuisance generation, and to expand the opportunity for additional recycling services.

Hazardous Materials/Waste and Medical Waste:

- EHAB supports the continued implementation of inspections and enforcement to protect human health and the environment by ensuring the proper management of hazardous materials, hazardous waste, underground storage tanks, and medical waste.
- EHAB supports the CERS Help Desk to provide assistance to businesses in complying with state-mandated electronic reporting requirements.
- EHAB supports the continued collaboration with local stakeholders and other regulatory agencies to address complex environmental issues that can impact local and statewide laws and regulations.
- EHAB supports the continued implementation of contract services with the State Department of Toxic Substances and Control (DTSC) to inspect northbound and southbound trucks at the US/Mexico Border.
- EHAB supports DEH's hazardous materials program participation in State-wide committees, groups, and organizations to adopt policies and regulations which promote a consistent and uniform approach for regulations throughout the state that will assist businesses in their compliance efforts.

Emergency Response:

- EHAB supports the continued implementation of DEH's Radiological Health Program to provide protection from radiation sources in the San Diego region and for emergency preparedness during the decommissioning efforts at the San Onofre Nuclear Generating Station (SONGS).
- EHAB supports informational community updates/announcements on the Local Emergency Preparedness Committee (LEPC) and its member agency programs in improving coordination and effective emergency response preparedness.
- EHAB supports the Hazardous Materials Incident Response Team (HIRT) response to local hazardous material related emergencies and after-hours environmental health activities.
- EHAB supports DEH's annual participation in emergency preparedness exercises for Department Operations Center activation and response operations, as well as active participation in disaster recovery drills and exercises for the unincorporated communities.

Vector Control:

- EHAB supports DEH's actions to inform the public about invasive *Aedes* mosquitoes in the San Diego region, and to use an integrated vector management approach to reduce mosquito breeding and mosquito-borne illness.
- EHAB supports the public outreach efforts of the Vector Control Program (VCP) in raising awareness of controlling and/or eliminating mosquito-breeding in neglected swimming pools and other backyard and urban sources.
- EHAB supports DEH's efforts to rapidly test for vector-borne diseases to improve the detection of and response to vector-borne diseases.
- EHAB supports DEH's efforts to develop and implement mosquito pesticide resistance monitoring for mosquito-control efforts.
- EHAB supports the VCP Disease and Diagnostic Laboratory as a regional resource that other counties and districts can rely on for their diagnostic services.

Water:

- EHAB supports the continued implementation of the Small Drinking Water Systems Program to ensure clean potable water is provided to consumers and businesses that use these systems.
- EHAB supports the development of programs to use alternative water sources (graywater, treated graywater, rain capture and reuse) instead of potable water supplies in a manner that prevents public and environmental health risks.
- EHAB supports the continued oversight provided for the use of recycled water and the prevention of cross connections to potable water supplies.
- EHAB supports the continued implementation of the Regional Water Quality Control Board approved Local Agency Management Program (LAMP) to protect surface water and groundwater from impacts associated with onsite wastewater treatment systems.

APPENDIX B – DEH's Fiscal Year 2019-20 Operational Highlights

Department Description

The vision of the Department of Environmental Health (DEH) is environmental and public health protection through leadership, partnership and science. DEH enhances San Diegans' quality of life by protecting public health and safeguarding environmental quality, educating the public to increase environmental awareness, and implementing and enforcing local, state, and federal laws. DEH has regulatory oversight of more than 40 environmental programs in the region, unincorporated area and some cities, which also includes investigations of foodborne and mosquito-borne illnesses, substandard housing, exposure to or incidents of hazardous materials, and beach water quality monitoring.

Mission Statement

Protecting the environment and enhancing public health by preventing disease, promoting environmental responsibility and, when necessary, enforcing environmental and public health laws. Our goal is "Healthy People in Healthy Communities Free from Disease due to the Environment."

Programs and Divisions

Community Health Division

Vector Control Program (Regionwide)

- The Vector Control Program (VCP) monitors and controls vectors and the diseases that they carry. The VCP has been reducing and controlling mosquitoes and other vectors since the 1930's by doing the following:
 - Conducting surveillance for diseases carried by vectors such as mosquitoes carrying West Nile virus, mice carrying hantavirus, and ticks carrying Lyme disease.
 - Monitoring mosquito-borne diseases in San Diego county.
 - Educating the public to help residents protect themselves from the diseases vectors can carry.
 - Implementing proactive mosquito control efforts for potential breeding areas such as neglected green pools, aerial application of larvicides, and regular treatment of 1,583 known mosquito breeding sources.
- Implementing prevention and control of fly breeding on commercial poultry ranches and prevention and control of eye gnats associated with commercial organic farms.

Occupational Health Program (Regionwide)

- The Occupational Health Program (OHP) assists County departments with maintaining safe and healthy workplaces for County employees. As part of this effort, OHP is the lead for various County programs, including asbestos and lead management, respiratory protection, and hazard communication. In addition, OHP works with the County's Childhood Lead Poisoning Prevention Program to conduct environmental investigations at the homes of children with elevated blood lead levels.

Radiological Health Program (Regionwide)

- The Radiological Health Program enforces state and federal regulations at facilities that possess sources of radiation. This includes inspecting the storage, use and disposal of radioactive materials and the safe use of x-ray producing equipment through a contract with the Radiological Health Branch of the State Department of Public Health.
- There are currently 2,700 registered facilities in the region with over 7,500 x-ray machines and over 125 radioactive materials licensees (Hospitals, Veterinarians, Biotech, Research, Academic Institutions & Industry).

Food and Housing Division

Food Safety Program (Regionwide)

- Regulates 15,274 retail food facilities in San Diego County including restaurants, markets, and mobile food facilities.
- Conducts approximately 32,079 food facility inspections and investigations each year.
- Permits 104 annual temporary event organizer permits and 542 temporary single-event organizer permits, for events such as December Nights, Comic Con, and the Fallbrook Avocado Festival.
- Contracts for food safety inspections with 60 local school summer lunch programs and the San Diego County Fair, where 19 inspections were conducted from July 1-3, 2019. There was no fair in the Summer of 2020.
- Collaborates with local foodbanks to educate, register and permit Charitable Feeding Organizations.

Public Housing (Unincorporated & Contracted Cities)

- Regulates 1,973 public housing sites.
 - Contracted cities include Carlsbad, Coronado, Del Mar, Encinitas, Escondido, La Mesa, Poway, San Marcos, Santee, Solano Beach and Vista.
- Conducts 1,391 inspections each year.
- Incorporates the Healthy Housing principles identified by the Centers for Disease Control and Prevention (CDC), to ensure that residents of public housing have access to rental units that are kept in safe and sanitary conditions.

Public Swimming Pools (Regionwide)

- Ensures all public swimming pools, spas, and spray grounds are maintained in safe, sanitary and healthful condition. Permits approximately 4,169 public pool and spa facilities, providing oversight for over 7,466 bodies of water.
- Conducts 8,199 inspections each year.

Community Programs –Nonprofit Event Permits & Organized Camps (Unincorporated)

- Lead agency responsible for the Community Event Permit Program, which annually serves over 110 non-profit organizers. Coordinates with nine other local agencies, serving as the single point of contact for the organizer, guiding them through the permit process.
- Regulates approximately 26 organized camps in the county, inspecting annually for safe and sanitary conditions and safe food and water for the camp visitors.

Body Art, Massage, and Detention Facility Programs (Regionwide)

- Regulates health and safety standards for over 382 body art (tattooing, permanent cosmetics, body piercing and banding) facilities and conducts 380 inspections each year.
- Regulates 209 permitted massage facilities through local codes in the cities of Carlsbad, Chula Vista, Del Mar, El Cajon, Encinitas, Imperial Beach, La Mesa, Lemon Grove, Poway, San Diego, San Marcos, Santee & Solana Beach, and conducts 125 inspections each year.
- Regulates 44 detention facilities and holding cells, inspecting the housing units and food operations.

Hazardous Materials Division

Certified Unified Program Agency (Regionwide)

- HMD is the Certified Unified Program Agency (CUPA) for the County of San Diego, and is responsible for regulation of hazardous materials business plans and inventory, ensuring facilities with highly toxic chemicals have robust programs and plans in place, ensuring medical waste and hazardous waste is managed properly, and regulation of underground storage tanks and aboveground petroleum storage.
- Regulates 14,209 facilities, inspects approximately 6,614 facilities per year and on average pursues 82 formal actions, through criminal, civil or administrative enforcement cases.
- Provides assistance to businesses in complying with state-mandated electronic reporting requirements including reporting hazardous materials inventory, amount of hazardous waste being generated, emergency response plan information, underground storage tank component details, release prevention information, and more.
- The County of San Diego's Hazardous Incident Response Team (HIRT), a joint DEH and City of San Diego Fire-Rescue Department team, provides response to radiological, biological and chemical emergencies throughout the county, 24 hours per day, seven days a week as well as being an active participant in the Border 2020 project.

Land and Water Quality Division

Beach Water Quality Monitoring (Regionwide)

- Coordinates routine sampling at up to 46 public beaches during the peak summer season and notifies the public when monitoring indicates bacteria levels exceed state standards, or during other events that may pose a risk to public health.
- Collects or evaluates 5,606 water samples to ensure beach water quality was safe for recreational water contact by residents and visitors to San Diego's beaches.
- Conducts enhanced beach water monitoring at 9 locations year-round in South County to notify the public when sewage-contaminated Tijuana River flows or other cross-border sewage spills may pose an increased risk of illness from water contact.

Small Drinking Water Systems (Regionwide)

- Provides oversight of 149 public water systems with less than 200 service connections and protects public health by ensuring pure, safe and reliable drinking water supplies are provided to their customers.

Septic Systems and Water Wells (Regionwide)

- Ensures that septic systems and water wells are properly designed, sited, installed and maintained to protect public health and the environment.
- Issues 699 septic permits and 239 water well permits yearly.

Monitoring Well Program (Regionwide)

- Provides oversight for implementing state standards and local ordinances pertaining to the construction, alteration, maintenance, and destruction of monitoring wells, inclinometers, vapor probes, cathodic protection wells, and enhanced leak detection systems.
- Permits the installation and destruction of borings and monitoring wells; and minimize risk to public health by bringing deficient monitoring wells into compliance.

Site Assessment and Mitigation Program (SAM) (Regionwide)

- Provides oversight of assessments and cleanups to protect public health, water resources, and the environment from releases of contaminants through the Voluntary Assistance Program (VAP). Certified by the State Department of Toxic Substances Control to implement and locally enforce environmental assessments and corrective actions to clean up hazardous waste spills within the San Diego region.

- Currently assisting 163 property owners with sites contaminated by hazardous substances, including clandestine methamphetamine/fentanyl laboratories, to ensure pollution is cleaned to reduce risk to human health for property redevelopment or reoccupation.

Mobilehome Parks and Recreational Vehicle Parks (Unincorporated)

- Permits and inspects 156 mobilehome parks and 29 recreational vehicle parks with a total of 16,380 spaces in the unincorporated county to ensure compliance and safe and livable conditions.

Recycled Water (Regionwide)

- Regulates the use of recycled water for the San Diego region through a delegation agreement with the State Water Resources Control Board.
- Protects the public from health risks associated with cross-connections of recycled water and drinking water supplies, as well as to prevent health risks from body contact with recycled water, by conducting 132 recycled water plan checks and 338 cross-connection inspections each year.

Sewage Haulers (Regionwide)

- Ensures that public health risks are prevented from the improper collection, hauling and disposal of sewage from septic tanks and chemical toilets by 272 registered sewage hauler vehicles in the county.

Solid Waste Local Enforcement Agency (Regionwide, excluding City of San Diego)

- The County of San Diego Solid Waste Local Enforcement Agency (LEA) is certified by the State Department of Resources Recycling and Recovery (CalRecycle) to ensure the proper operation, permitting and closure of solid waste facilities, operations and disposal sites (landfill, transfer station, composting, and construction, demolition & inert debris).
- Regulates 58 active and 52 closed solid waste facilities, operations, and disposal sites.

Household Hazardous Waste Program (Unincorporated)

- The Household Hazardous Waste (HHW) program provides HHW collection services to unincorporated residents.
- In total, HHW collection services including partners facilities served 2,563 unincorporated residents and resulted in the proper disposal of 362,250 pounds (181 tons) of HHW.

Department Statistics

	FY2019-20	FY2018-19
Number of Staff (Full Time Equivalents)	308	297
Budget	\$54.3 M	\$48.4 M
Sources of Revenue:		
Fees and Deposits	\$29.0 M	\$27.7 M
Vector Benefit Assessment	\$13.6 M	\$12.8 M
Revenue Agreements - State and Other	\$5.6 M	\$4.9 M
Realignment Revenue (share from HHSA)	\$1.4 M	\$1.4 M
Other (Reserves; Fund Balance, Settlements, One-time Projects)	\$4.7 M	\$1.6 M

By the Numbers

Community Health Division

- Monitored and treated, when needed, at 1,583 known mosquito breeding sites
- Responded to 6,719 complaints and requests for service about mosquitoes, rats, flies, and other vectors
- Investigated 187 aerial identified neglected swimming pools
- Registered over 2,700 facilities that possess radioactive sources
- Registered over 7,500 x-ray machines and over 125 radioactive materials licensees (Hospitals, Veterinarians, Biotech, Research, Academic Institutions & Industry)
- Conducted 23 investigations involving radioactive materials or x-ray units

Food and Housing Division

- Over 21,988 permitted facilities including retail food, public pools, public housing, body art and massage facilities
- Conducted over 42,174 inspections of these facilities
- Issued 1,929 new health permits, not including temporary event permits
- Renewed/processed 104 annual temporary event organizer permits and 542 temporary single-event organizer permits
- Renewed/processed 1,010 annual temporary event food vendor permits and 1,497 temporary single-event food vendor permits
- Inspected 1,661 temporary event food vendors
- Responded to 101 food recalls, advising retailers of the recall and coordinating with them to ensure that affected foods were taken off the shelves
- Responded to 1,350 complaints with an average response time of 2.7 days
- Contracted for food safety inspections with 60 local school summer lunch programs and the San Diego County Fair

Land and Water Quality Division

- Coordinated routine sampling at up to 46 public beaches during the peak summer and conducted enhanced beach water monitoring at 9 locations year-round in South County
- Collected or evaluated 5,606 beach water samples
- Provided oversight for 149 small drinking water systems
- Issued 699 septic system permits and conducted 735 installation inspections for new construction and repairs
- Reviewed 239 water well permits for new construction and destructions
- Issued 519 monitoring well permits for new construction and destructions
- Oversight of 163 VAP hazardous waste spill cleanups
- Closed 34 VAP cases upon completion of cleanup objectives
- Provided oversight for 185 mobile home and RV parks with 16,380 spaces
- Completed 132 plan checks for recycled water projects and 338 cross connection inspections
- Inspected 272 registered sewage haulers
- Conducted 464 solid waste facility inspections
- Collected 362,250 pounds (181 tons) of HHW from 2,563 residents for proper recycling or disposal

Hazardous Materials Division

- Regulates 15,180 facilities
- Completed 6,614 inspections
- Initiated 82 formal enforcement actions
- Investigated or responded to 843 complaints and HIRT responses
- Responded to 5,913 customer service calls and emails
- Accepted 17,370 Hazardous Materials Electronic Reporting submittals
- Received and processed 1,122 calls at the CERS Help Desk
- Processed 1,140 plan check applications for hazardous materials facilities undergoing new construction or tenant improvements
- Processed 207 Underground Storage Tank (UST) plan check applications; 34 for UST removals, 17 for new UST installations, and 156 for UST repairs/modifications

APPENDIX C

County of San Diego - Department of Environmental Health
ENVIRONMENTAL HEALTH ADVISORY BOARD MEMBERSHIP – Established 1989
INITIAL APPOINTMENT DATES/CURRENT TERM EXPIRATION DATES

Seat 1	Vizzier, Joseph Michael	Initial Appointment	4/30/2019
District 1		Expiration	4/30/2022
Seat 2	Zolezzi, Stephen	Initial Appointment	10/26/2004
District 2		Expiration	10/26/2022
Seat 3	Hanna, Cliff	Initial Appointment	1/25/2011
District 3		Expiration	1/25/2021
Seat 4	McCray, Carlos	Initial Appointment	6/23/20
District 4		Expiration	7/02/2023
Seat 5	Bradley, Barbara	Initial Appointment	2/28/2012
District 5		Expiration	2/28/2021
Seat 6	<i>vacant</i>	Initial Appointment	
District 3		Expiration	
Seat 7	Roy, Toby	Initial Appointment	11/17/2020
District 5		Expiration	11/17/2023
Seat 8	<i>vacant</i>	Initial Appointment	
District 2		Expiration	
Seat 9	Logan, Robert	Initial Appointment	2/12/2019
District 4		Expiration	2/13/2021
Seat 10	Allen, Joseph	Initial Appointment	7/24/2018
District 1		Expiration	7/24/2021
Seat 11	Roff, Douglas	Initial Appointment	7/10/2012
DEH		Expiration	7/10/2021
Seat 12	Cantrell, Lee	Initial Appointment	3/22/2005
DEH		Expiration	3/22/2023
Seat 13	Heifetz, Dr. Ruth	Initial Appointment	3/27/1989
DEH		Expiration	6/30/2022
Seat 14	Vinje, Malcolm	Initial Appointment	3/27/1989
DEH		Expiration	6/30/2022
Seat 15	Kellum, David	Initial Appointment	3/12/2013
DEH		Expiration	11/03/2023
Seat 16	Simpson, Byron	Initial Appointment	12/10/2019
DEH		Expiration	7/29/2023
Seat 17	Chowdhury, Zohir	Initial Appointment	12/10/2019
DEH		Expiration	11/04/2023