



The  
Alameda County  
Lead Poisoning Prevention Program

**Second Quarter Report 2009-2010**

**ALAMEDA COUNTY LEAD POISONING PREVENTION PROGRAM**  
**Second Quarter Report**  
**FY 2009-2010**

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## QUARTERLY HIGHLIGHTS

### **Presentation to Developmental Disabilities Council**

This quarter, the Health Services Manager and Public Health Nurse made a presentation before the Alameda County Developmental Disabilities Council (DDC) to encourage increased screening for children with special needs who are often overlooked for lead screening. The mission of the DDC is to inform the public and advocate for the rights of individuals with special needs. There were 35 participants, including representatives from Regional Center of the East Bay, local school districts, and other community groups serving a multitude of special needs clients.

### **Demand for EPA Training**

During this quarter the Program experienced an increase in calls requesting information about the training needed to comply with the EPA Lead Renovation, Repair and Painting Rule. This rule requires that anyone conducting paint disturbing work for compensation in pre-1978 homes receive training in lead safe work practices by April 22, 2010. Since the Program received EPA accreditation as a training provider in August the demand for training has steadily increased.

During this quarter over half of incoming calls to the information line were requests for training. This quarter the Program provided 124 individuals with training in lead safe work practices and 45 completed training to receive their EPA Lead Renovator certification. Waiting lists are now being kept for upcoming classes and Program staff is in communication with other training providers in the area in order to provide referrals when classes are full.

### **Medical Provider Recognitions**

As part of Lead Week activities this quarter, proclamations were presented to three medical providers by the Alameda County Board of Supervisors on October 13, 2009. Providers Steven Chiu Chen, MD, from Asian Health Services Oakland, Sylvia Delius, MD, Kaiser Permanente Oakland and Nicki Brito, FNP, Tiburcio Vasquez Health Center in Hayward were recognized for their exemplary contributions in preventing lead poisoning and decreasing elevated blood lead levels through consistent blood lead screening. In addition, they were noted to be conscientious and cooperative partners, working in close collaboration with ACLPPP nursing staff. They graciously accepted their awards and vowed to continue advocating for lead poisoned children.

### **Training in Spanish**

In December the Program provided a one-day lead safe work practices training in Spanish for 13 workers. This training took place through collaboration with the Multicultural Institute Day Labor Program in Berkeley. The training was attended by two people with a lead poisoned child; a worker employed by a contractor on the Program's approved contractor list, a realtor, two staff from the Multicultural Institute, and seven day laborers. All 13 successfully completed the training and passed the exam at the end of the class. Two of the day laborers will be coached to provide lead awareness presentations to other day laborers at the Multicultural Institute.

### **Training for EveryOne Home Collaborative**

Twenty-nine inspectors and case-managers from non-profit housing and social services agencies were trained in conjunction with the EveryOne Home collaborative. The collaborative, consisting of Alameda County, local cities and community-based organizations, desired to establish County-wide standards for lead and habitability inspections required to implement federally-funded homelessness prevention programs. The training covered how to survey buildings for deteriorated paint, federal and state regulations, and the need for lead safe work practices in pre-1978 buildings.

### **Former Client at Futures Elementary School**

A child and his family, previously known to ACLPPP, surprised the Public Health Nurses at the Futures Elementary School Health Fair. This child received chelation treatments for lead poisoning when he was 15 months old and was case managed by ACLPPP PHN's until 2005. He is now 10 years old, doing very well in school, and announced that he intends to become a nurse. His family reiterated their appreciation for ACLPPP's assistance on their behalf, and they proudly reported his successes at school.

## **LEAD POISONING PREVENTION**

### **Public Education and Outreach**

The Program's public education and outreach activities are designed to increase awareness of the dangers of lead exposure and other housing related health hazards, and provide residents with information on how to prevent exposure. These activities are funded by the local County Service Area (CSA) fee, the California Department of Public Health (DPH), the U.S. Department of Housing and Urban Development (HUD) and the Kresge Foundation.

#### **Objective: Increase Awareness**

*By June 30, 2010 the Program will have conducted at least 215 activities to promote public awareness about lead and healthy housing and to increase the visibility of the Program and its services by utilizing media spots, distributing educational literature, staffing information booths, conducting target mailings, putting up displays, as well as maintaining an interactive website.*

#### **Activities:**

##### **Utilize 100 Media Spots**

Community calendar listings and display ads were utilized to advertise the Program's lead-safe work practice classes, in-home consultation services and HUD 16 lead hazard control services in Rental Housing magazines, the Building Education Center newsletter, and local newspaper calendar listings. Display ads were updated to include notice about the EPA Renovation, Repair and Painting Rule. In addition, La Raza radio advertised the Program's East Oakland Health Fair in November on the air and on their website. In December Berkeley Lead Program Coordinator Katherine Brown was interviewed on KPFA's "Saturday Morning Talkies" radio program about lead poisoning prevention and services available for CSA property owners.

A total of 16 media spots were placed this quarter. A total of 34 media spots have ran to date this year. In addition Contra Costa County responded to a request by Univision, Channel 14 Spanish TV station for an interview about sources of lead which was broadcasted in Spanish through-out the Bay Area.

##### **Maintain 80 Community Literature Racks with Educational Materials**

The Program has literature racks at over 80 locations throughout Alameda, Berkeley, Emeryville and Oakland, and also responds to literature requests in other Alameda County cities. The locations include city permit offices, paint and hardware stores, libraries, community centers, WIC and Head Start centers. The Program utilizes a vendor that was selected through a Request for Qualification (RFQ) process for literature distribution services. Staff conducts quality control visits to monitor the vendor activities.

The literature rack materials include three educational pieces with the core messages: 1) the importance of screening young children for lead, 2) CSA property owner services available including the in-home consultation, 3) a lead safe work practice training brochure with information about the EPA Renovation, Repair and Painting Rule and the Program's training schedule.

### **Conduct Five Targeted Mailings**

One mailing was sent out to three building departments this quarter; City of Oakland, Alameda County Planning Department Zoning Permit Office and Alameda County Public Works Building Permit Office. The mailing consisted of a "Regulatory Alert" letter about the EPA Renovation, Repair and Painting (RRP) Rule that takes effect on April 22, 2010. Also included was a reply form for requesting assistance from the ACLPPP including a Lead Warning Stamp to use for stamping permits, copies of the Program's training brochure, presentations to train building department staff and inspectors about the EPA RRP Rule, and offers to set up an educational display. To date the City of Oakland and the Alameda County Planning Department have responded.

### **Participate in 25 Public Education Events**

Program staff was involved in organizing two public education events this quarter. Staff organized a Health and Fitness Fair in East Oakland that brought together a variety of community organizations and schools, and provided blood lead screening (see CSA Neighborhood Strategy, Pg. 6). Staff also worked with the City of Berkeley to organize a Health and Readiness Fair at St. Paul AME Church in Berkeley reaching 40 residents.

Program staff participated in a total of 18 public events this quarter, including staffing information booths at health fairs, community events, Dia de Los Muertos, Rental Housing Association of Northern Alameda County and Oakland Housing Authority rental property owner workshops and an EPA West Oakland Community meeting. Staff has participated in 49 public education events to date this year.

### **Maintain and Improve the Program Website**

The Program's website had a total of 15,537 visitors to the website this quarter for a year to date total of 28,292 visitors. The website was updated with more information about the EPA RRP Rule, and a countdown timer was placed on the home page to highlight the effective date of April 22<sup>nd</sup>, 2010. The website was also given an updated training schedule and additional educational materials in English and Spanish. The video "Lead's Revenge" about lead and ladder safety on painting projects was posted. A total of 96 people took the lead safe work practices on-line quiz located on the home page.

### **Objective: Increase Knowledge**

*By June 30, 2010, 1,400 people will demonstrate an increase in their knowledge of the risks, sources and ways to prevent lead poisoning and about Healthy Housing.*

### **Activities:**

#### **Conduct 60 Presentations to Parents, Property Owners, Contractors, and Painters**

Staff conducted 14 presentations this quarter reaching 245 individuals. Presentations about lead poisoning prevention and healthy homes were made at the Bridges Elementary School, Child Health and Disability Program Eligibility Staff meetings, Alameda County Development Disabilities Planning and Advisory Council, Head Start and WIC Programs, Sobrante Park Champions for Change Program, the Child Family and Community Services Program and for San Leandro Adult School students. Program staff has conducted 22 presentations reaching 401 people.

#### **Provide 600 Phone Consultations**

Program staff provided 144 phone consultations this quarter, responding to six unsafe renovation calls (see Compliance section of this report). Analysis of the info line logs found the most common ways people heard about the Program were through the website and referrals from a friend or agency. Staff began implementing a new information and referral database this quarter to improve the tracking of calls coming into the information line.

This quarter, the Program experienced a large increase in the number of calls from contractors, most seeking information about the training in lead-safe work practices required of contractors doing work in pre-1978 housing and child occupied facilities under the new EPA Renovation, Repair and Painting Rule. Fifty-six calls were in response to letters sent out by the EPA about the new rule. Other callers were inquiring about CSA services and concerns about sources of lead, including soil and paint.

### **Conduct 30 Lead and Healthy Housing Awareness Classes**

One class was held this quarter for the EveryOne Home Collaborative. The collaborative, consisting of Alameda County, local cities and community-based organizations, requested ACLPPP's assistance to establish County-wide standards for lead and habitability inspections required to implement federally-funded homelessness prevention programs. Twenty-nine inspectors and case-managers from non-profit housing and social services agencies were trained. The training covered how to survey buildings for lead hazards, federal and state regulations, and the need for lead safe work practices in pre-1978 buildings.

### **Objective: Provide Property Related Services to 500 CSA Property Owners**

*By June 30, 2010 at least 500 CSA property owners will have received at least one of the following CSA services; an in-home consultation, lead sampling kit, HEPA vacuum loaner or unsafe work practice consultation.*

### **Activities:**

#### **Provide 200 In-Home Consultations and Lead Sampling Kits**

During this quarter a total of 43 In-Home Consultations and 58 lead sampling kits were provided.

#### **Loan 200 HEPA Vacuum Cleaners**

A total of 57 individuals utilized the HEPA vacuum cleaner this quarter. The HEPA vacuums are available at three locations, the ACLPPP office, the Berkeley Tool Lending Library, and the Temescal Tool Lending Library in Oakland.. A total of 86 CSA property owners have utilized the HEPA vacuum service this year.

#### **Implement Two CSA Neighborhood Outreach Projects**

The Program's Neighborhood Outreach staff continued to focus efforts this quarter in the East Oakland neighborhood with zip code 94621. This area was selected based on high rates of elevated blood lead levels, risk factors and the need for community services. Staff worked on bringing together multiple community, school and public health agencies and organized a health fair at Coliseum College Preparatory and Futures Elementary School in East Oakland that took place on November 14<sup>th</sup>.

The groups that participated in providing information and services at the fair included Kerry's Kids, who offered physical exams for children without health insurance, the California Department of Toxics and Substance Control who tested toys for lead, Child Health and Disability Program, Oakland Fire Department, Girl Scouts troop #1822, , Communities for a Better Environment, East Oakland Youth Development Center, Berkeley Farms, Asthma Start, Alameda County Public Health Department, Jump Start, YMCA, and the Prescott Joseph Breath Mobile. During the event Program nurses provided blood lead screening. The fair had an excellent turn-out of over 150 participants, well received and was visited by a member of the Oakland Board of Education and representatives of two media outlets.

In addition, staff have engaged local food banks, churches and community centers and mailed out information about program services to rental property owners in this East Oakland neighborhood. While the Program will be looking at identifying another high-risk neighborhood to focus efforts, staff will maintain contact with community organizations in East Oakland in order to sustain and continue lead awareness efforts.

**Objective: Assess Actions Taken**

*People taking action to prevent lead poisoning is an indicator that the Program's services are working. By June 30, 2010, at least 40% of people who have attended classes, called the information line or utilized a program service will have taken at least one action to prevent lead poisoning.*

**Activities:**

**Feedback Surveys and Follow-up Calls**

Staff evaluated the effectiveness of educational interventions by several methods with the following results:

- Follow-up calls were made to 27 people who had called the information line. Sixty-three percent said they had taken an action as a result of speaking with the Program. All indicated they would recommend the Program's services to others.
- Of a total of 42 repeat info line callers, 41 (98%) stated they had taken a preventative action since their last contact with the Program.
- Eight feedback forms were received this quarter from property owners who received in-home consultation services and/or lead sampling kits. Seven respondents (88%) stated they had taken an action to prevent lead exposures as a result of the Program's advice and one answered "not yet". The actions people noted included testing and cleaning dust, remediating soil, and speaking to the landlord about lead safe work practices.

**Objective: Expand Partnerships and Collaborations**

*By June 30, 2010, five (5) agencies, community-based organizations and institutions will take action to increase public lead awareness by incorporating lead messages into their operations.*

**Activities:**

**Centro Legal de la Raza**

Through a HUD 16 supported contract, the Program is working with an outreach worker from Centro Legal de la Raza to increase lead awareness among day laborers and painters and to improve access to HUD 16 services for Spanish speaking property owners and families. This quarter over 150 individuals were reached through one-to-one street outreach, presentations and tabling.

**Get the Lead Out Coalition**

This quarter the Coalition was awarded an EPA grant for a "Campaign for Kid Safe Renovation". Grant activities will include three strategies: responding to unsafe work-practice complaints in San Mateo County; proactively educating contractors in Santa Clara County; and, focusing on training day laborers in Marin County. The Coalition will provide input for each county's approach and will benefit from the lessons learned.

**Community Organizations and Schools in East Oakland**

During the East Oakland 94621 neighborhood strategy outreach, staff worked with a variety of local organizations, including the Alameda County Food Bank and its distribution sites in East Oakland, including St. Bernard's Catholic Church and Grace Baptist Church. Staff also participated in meetings of the Elmhurst Blight Committee, the New Horizon Neighborhood Council and Communities for a Better Environment.

**Multicultural Institute**

The Program entered into a working agreement with the Multicultural Institute in Berkeley to train day laborers in lead safe work practices. A one-day HUD/EPA approved training was held in Spanish in December with 13 attendees successfully completing the course. Two of the day laborers who completed the course are being coached in order to offer lead awareness presentations to other day laborers. This activity is supported by the Kresge Foundation and HUD lead hazard control funds.

## Compliance with Lead Safe Work Practices

The ACLPPP works with neighborhood residents, building and code enforcement agencies, among others, to ensure compliance with regulations requiring lead safe work practices when renovating pre-1978 structures. The Program also provides guidance, educational materials, technical assistance and appropriate referrals when responding to complaints by Alameda County residents concerned with potentially unsafe renovation activities.

In the cities of Alameda, Emeryville, and Oakland, staff may conduct a site visit, depending on the potential risk of exposure. Unsafe renovation calls are tracked separately and follow-up calls made to determine the outcome. Staff provides technical support to City of Berkeley Public Health Department staff responding to complaints about unsafe renovations in Berkeley.

The ACLPPP also reviews lead screening results and property information to identify properties with evidence of lead exposure to more than one child. And the Program tracks property ownership to determine if individual owners are responsible for lead exposures at multiple properties.

### **Objective: Increase Compliance with Lead Safe Work Practices**

#### **Activities:**

- **Respond to 50 complaints of unsafe renovation or unsafe conditions with telephone or on-site consultations.**

The ACLPPP and partners responded to six unsafe renovation or unsafe condition incidents during the quarter, for a total of 23 incidents for the fiscal year to date. Of these, five were related to unsafe renovations and one was a complaint of unsafe conditions. Three of these incidents were in Oakland, one in Berkeley, where the ACLPPP assists the Berkeley Public Health Department, and two in Alameda. No incidents were reported in the City of Emeryville this quarter.

In Oakland, the ACLPPP performed a total of six site visits in response to three unsafe renovation incidents. Some properties had multiple visits to meet with neighbors, contractors, or owners or to follow-up on clean-up. Unsafe work was stopped and the work area cleaned up in two of the properties. The remaining property showed no evidence of paint disturbing work and was closed without further follow-up.

During the quarter, a duplex with an unsafe renovation complaint from the prior quarter achieved clearance under the monitoring of the Case Review Working Group. This property had two children with elevated blood lead levels where Environmental Investigations were performed. All lead hazards were addressed at both units.

In October, the ACLPPP Director and other staff met with the pastor and facilities committee of the Shattuck Avenue Methodist Church which had been identified by the City of Oakland as having presumed lead hazards. Possible strategies to gather resources and support and phase the work were discussed and a list of possible resources was provided as follow-up to the meeting. In November, a follow-up meeting to go into more detail on phasing and development of a scope of work was held at the church and an offer of training provided to the volunteer leading the effort. He subsequently completed the ACLPPP's one-day Lead-Safe Work Practices (LSWP) and half-day Renovation, Repair and Painting (RRP) Refresher in order to become an EPA-certified renovator. The ACLPPP will follow-up with additional support as appropriate.

The City of Oakland Building Department referred complainants or contractors to the ACLPPP in two of these incidents and the City was kept informed of the outcome of the site visits.



In the City of Alameda, the ACLPPP performed 23 site visits in response to two unsafe renovation incidents. Both projects were carried out over an extended period and required repeat monitoring visits. One property was a five-unit building with work being carried out by both the owner's maintenance personnel and a painting contractor. The work has been completed but concerns about possible soil contamination due to insufficient containment at the start of the job have been communicated to the owner and the ACLPPP will follow-up to promote covering or removal of the bare soil at the base of the building. The painting contractor completed the ACLPPP's one-day Lead-Safe Work Practices course.

Renovations at the second property were being carried out by a small contractor the ACLPPP has had experience with in the past. This time the contractor was more receptive to incorporating lead-safe work practices into the work and is currently signed up for an upcoming one-day LSWP training and RRP Refresher courses. The City of Alameda Building Department was provided with notification of the incidents and their status.

In the City of Berkeley, the ACLPPP supports the efforts of the Berkeley Public Health Department. One incident was reported during the quarter. The ACLPPP provided information about pressure-washing and alternative preparation methods to the Public Health Department staff who reported that the workers completed the project using lead-safe work practices.

- **Establish distribution of compliance education and awareness at Building Permit Offices throughout Alameda County.**

The Program's lead regulation and training brochure has been updated to include the EPA Renovation, Repair and Painting rule and the new class schedule. All four CSA cities plus the Alameda County Permit Office have copies of the brochure on display.

- **Present lead compliance information and tools to four building or code enforcement departments or inter-jurisdictional enforcement groups.**

In addition to the updated regulation and training brochure, the Program is working on a display, including a mannequin dressed in protective clothing, to rotate in local permit offices. The display will include visual information about lead safe work practices, tools and equipment needed and materials about complying with the upcoming EPA RRP Rule. The Lead Warning stamp has also been updated and will be offered to permit offices, along with other materials, as part of notifying Permit Offices of the EPA regulation and the tools available from ACLPPP.

In addition, a sample Lead Safety Agreement that can act as an addendum to construction contracts has been written and will be circulated among the Program's lead certified contractors for feedback before being made available to the public.

**Objective:    Ensure Correction of Lead Hazards at Four Properties with a History of Evidence of Lead Exposure**

**Activities:**

- **Identify four properties where more than one child has shown evidence of lead exposure and work directly and with other agencies and organizations to promote the correction of presumed lead hazards at those properties.**

The ACLPPP is identifying and evaluating "multiple evidence of exposure" properties and property owners. Research into prior exposures at the property is included in the response to new reports of children with elevated blood lead levels and is a factor to be considered in responding to these properties. During the quarter, two properties where Environmental Investigations had been completed in the past were referred for additional review within the Case Review Working Group. Two other properties were referred for owner notification.

The following are two examples of identified properties being monitored during the quarter:

A multi-unit apartment building in the City of Oakland. Owner was notified of presumed lead hazards identified during a lead poisoning consultation and is reportedly correcting the presumed lead hazards. The property manager has been in contact with ACLPPP to report the progress on the property. The ACLPPP will do a visual assessment once the work has been completed.

A duplex in the City of Oakland. A child with an elevated blood lead level in one unit led to an Environmental Investigation (EI) at this property. Past evidence of exposure at properties under the same ownership as well as a child currently showing evidence of exposure supported the ACLPPP's determination to pursue the correction of lead hazards at both units with monitoring under the Case Review Working Group. The property owner addressed all the lead hazards at the property and achieved clearance in December 2009.

### **Lead Safe Work Practices Training**

The ACLPPP offers lead-safe work practices training to ensure children, occupants, neighbors, and workers are not exposed to lead during renovation of pre-1978 buildings. Because of recent funding available from the Kresge Foundation grant, for a limited time the Program is offering the HUD-EPA-approved, 1-day Lead Safety for Remodeling, Repair, and Painting course at no charge to Alameda County residents and businesses.

The Program also has a special collaborative relationship with the Laney Community College in Oakland to provide four one-day trainings to students in its Construction Program.

The ACLPPP is a state-accredited training provider and offers the three-day Worker and two-day Supplemental Supervisor/Project Monitor courses that are pre-requisites for certification in those disciplines.

**Objective: Provide Lead Safe Work Practices Training to 130 Individuals**

#### **Activities:**

- **Conduct 12 one-day HUD/EPA approved classes. Eight classes will be promoted for contractors, landlords, and homeowners; four classes will be conducted in collaboration with Laney Community College.**

Eight LSWP classes were held during this quarter: four in October, one in November, and, three in December. A total of 124 persons were trained during this quarter. Of the eight classes: two classes were open to all participants (primarily CSA property owners and Alameda County contractors), two classes were provided to Laney Community College students, two classes were provided for Allen Temple students, and, as part of the Kresge Foundation grant, one class was provided in Spanish for Multicultural Institute staff and day laborers. Of all class participants: five persons were staff of partnering organizations or agencies, 25 were remodelers/contractors, and 84 were low-income individuals.

Three EPA-RRP Refresher classes were provided during the quarter, one each in October, November, and December. Forty-five persons successfully completed the class and became EPA Certified Renovators. Overall, the class attendees were mixed groups of contractors, remodelers, and property management personnel. To date, the ACLPPP has trained and certified 56 individuals as EPA-certified Renovators.

- **Provide two state-accredited Lead-In-Construction trainings; one Worker and one Supplemental Supervisor/Project Monitor class.**

One state-accredited training class was provided during this quarter. The training was the three-day Worker training and the twelve attendees took this class as part of the training requirements for Supervisors. Of the 12 attendees, four are Alameda County contractors, two are San Francisco City/County contractors, two are employees of Neighborhood Solutions, which oversees rehabilitation programs and projects for public agencies, and four are employees of the City and County of San Francisco Parks and Recreation department.

## LEAD POISONED CHILDREN

California Department of Public Health-Childhood Lead Poisoning Prevention Branch (DPH-CLPPB) funds comprehensive services to ensure children at risk for lead poisoning receive blood lead testing, and those with lead poisoning receive services necessary to address the health and housing issues responsible for the lead exposure.

### Promotion of Lead Screening

One of the Program's primary functions is the early identification of children exposed to lead through lead screening or testing. Program staff conducts outreach to families and medical providers to encourage blood lead screening as called for under California Department of Public Health guidelines. The ACLPPP also collaborates with other government, community, and/or health care agencies and programs to increase lead screening of children at risk in Alameda County.

#### **Objective: Increase Screening**

*The number of children screened for lead to TBD by June 30, 2010. Due to the availability of data from DPH, the progress toward this objective will be reported twice a year (October quarterly report for January-June data, and April quarterly report for July-December data).*

This quarter, staff completed an audit of screening data for the year 2008 to determine the nature/extent of an identified inconsistency between State Department of Public Health and Program data. The audit revealed that monthly State data was inconsistently handled internally, resulting in an underreporting of screening data for the year 2008. Once discovered, an action plan was developed, procedures were written, and staff retrained. Those procedures are now in place. Neither ACLPPP nor the State view the monthly data as final screening numbers, as the State continually updates data until their annual screening numbers are published. As a result, the ACLPPP will only utilize the monthly data internally for case management reports and analysis, rather than for reporting quarterly screening numbers. Therefore, the ACLPPP will heretofore report screening numbers on an annual basis in the final quarterly report for the preceding calendar year. The objective for improving screening will be amended to reflect this change in the 2010-2011 Goals and Objectives.

#### **Activities:**

- **Conduct one capillary blood lead testing event for Medi-Cal eligible children in Alameda County**

This quarter, staff conducted a blood lead testing event, in conjunction with an outreach Health Fair at Future's Elementary School (see Outreach section). Thirty-four people were tested (23 children, 11 adults), and all blood lead results were less than 5 micrograms/deciliter.

- **Provide lead education to 50 Alameda County medical providers serving children eligible for publicly-funded programs**  
No activity this quarter. Staff is scheduled to participate in Grand Rounds at Children's Hospital Oakland next quarter on January 5, 2010.
- **Distribute annual 'Lead Poisoning Update' newsletter to 100 medical providers serving the Medi-Cal population in Alameda County**  
Staff met with the City of Berkeley Lead Program this quarter to begin discussing the 2010 spring edition of the newsletter. The two Programs will again coordinate articles and updates for an annual medical provider newsletter.
- **Conduct 15 train-the-trainer trainings for organizations serving at risk target populations, such as WIC, Head Start, schools, child care centers, special needs children's groups, and refugee centers.**  
This quarter, ACLPPP staff conducted train-the-trainer presentations at four Head Start sites, reaching 70 Head Start staff members. The trainings are designed to introduce a new presentation tool that their staff can use to train parent groups on an ongoing basis. The sites were very receptive to the new strategy for conducting parent trainings on Lead Poisoning. One site already reported utilizing the new tools provided to them for two recent parent group trainings. Another site requested additional copies of the presentation tools that they will use at other sites as an interim measure until we are able to schedule with them.
- **Host and coordinate four meetings of the Regional Bay Area Lead Programs.**  
The second meeting of the fiscal year was conducted on October 22, 2009. It was attended by health, environmental and housing representatives from local Bay Area lead programs. Representatives from the State Department of Public Health Lead Branch provided the local programs with an update on state issues.

### **Comprehensive Services to Lead Exposed Children**

The ACLPPP intervenes when a child has been identified as lead exposed. The Program offers an array of services to children identified with lead in their blood and their families. The type of service provided is determined by the levels of lead found in the blood.

**Public Health Nursing Case Management** is provided to families of children with blood lead levels greater than 15 micrograms per deciliter. The Program's case management of lead poisoned children is coordinated with the primary care provider, and encompasses comprehensive health assessments, the development and implementation of individualized care plans, and ongoing evaluation to determine effectiveness of the interventions. Particular attention is paid to the developmental status of the lead poisoned child by conducting developmental screenings and ongoing monitoring.

Case managers facilitate linkages to educational, community, health, and social resources, as needed. In addition, the nurse case manager coordinates the referral to the environmental professional for an environmental investigation to identify lead sources in a child's environment.

If the environmental investigation identifies property-related lead hazards, the Program's housing professionals provide technical assistance to the occupants and property owners to ensure lead hazards are remediated in a lead-safe and timely manner.

The nurse case manager convenes the semi-monthly Case Review Working Group with environmental and housing professionals, evaluating all cases to ensure progress towards eliminating housing-based lead hazards.

**Lead Poisoning Consultations** are provided to families of children with blood lead levels 10-14 micrograms per deciliter. They consist of in-home education; a visual survey of the home, along with health and housing education materials, and an environmental lead testing kit for those who are CSA property owners.

Telephone consultations, which consist of education, technical assistance, and the mailing of the educational materials, are conducted when families decline an in-home consultation. Staff monitors the child's blood lead levels to assess the need for further case management services.

**Lead Poisoning Outreach & Education** is provided to families of children with blood lead levels 5-10 micrograms per deciliter. This includes direct mailings of health and housing education materials on lead poisoning to the families. The child's blood lead levels are monitored to evaluate the need for further intervention and case management services.

**Objective: Decrease Blood Lead Levels**

*By June 30, 2010, 80% of children with blood lead levels above 15 mcg/dL will demonstrate decreased blood lead levels.*

**Activities:**

- **Provide appropriate services, based on blood lead level, to children with newly identified blood lead levels.**  
This quarter, 71 children with elevated blood lead levels were newly identified and received one of three health promotion services ranging from comprehensive nursing case management (6), to lead poisoning consultations (16), to lead poisoning outreach and education mailings (49).
- **Track and evaluate blood lead levels quarterly to determine the need for additional services.**  
Staff tracks follow-up blood lead levels of children to evaluate their need for additional services. This quarter, one child was referred and received additional services due to an increase in blood lead level.
- **Conduct a quarterly review and analysis of blood lead level reduction in children with blood lead levels greater than 15 micrograms per deciliter.**  
This quarter, staff conducted 27 chart reviews to collect data for future analysis of case management outcomes.

### **Environmental Case Response**

Environmental Case Response is designed to ensure the source of exposure for a lead poisoned child is eliminated in a safe and timely manner. California Department of Public Health (DPH) guidelines call for the property owner to begin the lead hazard corrections within 30 days of notification that a child has been poisoned as a result of hazards found at the property. The complete correction of hazards is required within 90 days. Under its contract with the California Department of Public Health, the Program is responsible for lead poisoning case response in Alameda County, with the exception of the City of Berkeley. The City of Berkeley's Public Health Department has its own contract with the DPH, and is responsible for case response in its jurisdiction.

The Program's Case Review Working Group determines when to refer noncompliant property owners to the Alameda County Environmental Health Services for further enforcement.

**Objective: Promptly Correct Lead Hazards**

*Within 90 days of owner notification ensure correction of lead hazards in 60% of the properties associated with a lead poisoned child.*

Half of the properties that achieved clearance this quarter did so within the 90 day goal. One additional property passed clearance in 94 days. The final property that closed took 214 days to finish addressing the hazards and pass clearance due to difficulty locating and contacting an out of state owner.

**Activities:**

- **Conduct 30 Environmental Investigations (EI) of properties to determine the likely source of lead exposure for children with elevated blood lead levels meeting state case management criteria.**  
This quarter staff conducted three Environmental Investigations (EIs) to determine the source(s) of lead exposure, for a to-date total of 12 EIs. All three of the properties were located in the City of Oakland. Housing based lead hazards were found in two of the residences. The other child with an elevated blood lead level was most likely exposed to lead at the family's previous home where property based lead hazards were discovered last quarter. The work to address the lead hazards at the previous home continues to be monitored by the Case Review Working Group.
- **Provide technical assistance to occupants and rental property owners of an estimated 30 housing units where an Environmental Investigation has identified lead hazards at the property.**  
This quarter the CRWG reviewed and tracked progress for 12 units where EIs had been completed. Of these, nine had property based hazards requiring follow-up and three had no property based lead hazards identified during the EI. Technical assistance was provided to 11 properties where lead hazards were present. We did not provide any new technical assistance for one project where the building is vacant and scheduled for demolition. However, the Program continues to monitor the status of this property.
- **Ensure 30 housing units associated with a child meeting the state case management criteria are free of lead hazards through a lead evaluation or clearance test.**  
This quarter, no property related lead hazards were present at two housing units, and four units passed visual and dust clearances after addressing the identified lead hazards, for a to-date total of 11 units.

## LEAD HAZARD CONTROL

### HUD Round 16 Grant

On January 1, 2009, the Program began implementing the three-year **Partnerships for Affordable Lead-Safe Housing** under a \$3 million grant from the U.S. Department of Housing and Urban Development. Under this \$3 million grant, the ACLPPP and its partners committed to perform 285 risk assessment/paint inspections, complete lead hazard control in 200 housing units, increase education and awareness among property owners, tenants, and agency partners through 132 events; and provide lead-related skills trainings to 317 individuals.

**Objective: Implement HUD Round 16 Lead Hazard Control Grant**

**Activities:**

- **Complete lead risk assessment/paint inspections in 100 privately owned housing units.**  
Lead risk assessment/paint inspections were completed in 68 housing units during the quarter for a total of 115 in the fiscal year to date.

Construction began on a 17-unit project that came about through the support of First Place For Youth, a non-profit organization in Alameda and three other Bay Area counties that assists foster children to transition to independence. One of their tenants raised concerns about possible lead hazards at a unit in this privately-owned building and the First Place For Youth case manager worked with the property owner to complete the application and secure the needed household and income information from the tenants. This project is expected to be completed during the next quarter. The ACLPPP also gave preliminary approval to

a 31-unit project being renovated by Affordable Housing Associates. The majority of the other applications received have been for properties with four or fewer units.

For the three-year grant period, 144 out of the 285 planned lead evaluations have been completed.

- **Complete lead hazard control in 60 privately-owned housing units this fiscal year.**

Lead hazard control work was completed in seven properties with a total of 13 units completed and cleared during the quarter, bringing the total for the fiscal year to 25. A total of 27 units have been completed under the grant to date. Twelve of the units completed this quarter were in the City of Oakland and one in the City of Berkeley. Two of the properties were associated with a lead-poisoned child.

The City of Alameda Development Services Department and the City of Oakland Housing and Community Development Department have completed and cleared projects under this grant. Projects by the City of Oakland have primarily been single-family homes completed under their paint grant and housing rehabilitation loan programs. The City of Alameda has completed several rental projects including a nine-unit property owned by the Filipino-American Community Services Agency. Documentation and reporting of these units is expected to be completed in the next quarter.

See Public Education and Outreach and Lead-Safe Work Practices Training for grant-related objectives in those areas.

## HEALTHY HOMES

### Healthy Homes Demonstration Project

In October of 2006, the Program was awarded a \$1 million grant to fund its second Healthy Homes Demonstration Grant from the U.S. Department of Housing and Urban Development. The Alameda County Healthy Homes Project is in the third year of the three year period of performance. This grant ended on October 31, 2009.

The goal of the Healthy Homes Project was to demonstrate an improvement in the health status of 225 children and adolescents diagnosed with asthma and respiratory distress by combining education and low-cost housing intervention with the concurrent medical model.

**Objective: Reduction in Asthma Symptoms**

*Fifty percent (50%) of enrolled participants will demonstrate a reduction in asthma symptom severity, number of hospitalizations and/or emergency room visits.*

**Activities:**

- **Perform 45 six-month follow-up home visits to query the caregiver about behavioral change and increased knowledge of asthma, injuries, and lead screening.**

During this quarter, one six-month follow-up visit was conducted with a participating family. The Healthy Homes Community Specialists collected a dust sample for allergen analysis, asked the caregiver about their knowledge of asthma triggers and injuries, and if the occupants made any healthy behavior changes (e.g. stopped smoking, uses non-toxic cleaners, cleans more often, etc) since the housing intervention.

Additionally, follow up Behavior and Knowledge surveys were mailed to clients who either did not respond to requests for follow up home visits or moved to other units. None of these clients returned the Behavior and Knowledge survey. Overall return rates for these mailed surveys is approximately 24%.

- **Complete the Project Final Report by January 30, 2010.**

*The Project ended on October 31, 2009 and the final report to HUD will be submitted by January 30, 2010.*

### **Healthy Housing Training**

The ACLPPP provides training to promote safe and healthy housing. The ACLPPP provides the “Essentials of Healthy Housing - Practitioner” course to those who perform on-site residential visits, such as public health nurses, environmental health specialists, code enforcement personnel, social service providers, contractors, public housing staff, and advocates for safe, healthy, and affordable housing.

**Objective:    Train at least 40 Individuals to Identify Unhealthy Housing Conditions**

#### **Activities:**

- **Provide one “Essentials of Healthy Homes - Practitioner” Course**

No Healthy Homes trainings were provided during this quarter. However, the Program has tentatively scheduled “Essentials of Healthy Homes - Practitioner” class for March.

- **Provide one “Code Inspection for Healthier Homes” Course**

No Healthy Homes trainings were provided during this quarter.



# APPENDIX A

Activities by CSA City  
 Second Quarter Cumulative  
 July 1, 2009 – December 31, 2009

Activity	Alameda	Berkeley	Emeryville	Oakland	Out of CSA	TOTAL
Classes*						3
LSWP 1-day trainings*						11
RRP Training*						4
In-Home Consultations	11	17	0	64	1	93
Test Kits given out	14	24	2	92	0	132
HEPA vacuums	4	20	0	61	1	86
Literature racks	13	11	5	53	11	93
Info tables at Events	1	6	2	36	4	49
Presentations	0	0	1	12	9	22
Info line calls	19	62	2	121	110	314
Response to complaints of unsafe renovation or unsafe conditions	3	7	0	11	2	23
<b>TOTAL</b>	<b>65</b>	<b>147</b>	<b>12</b>	<b>450</b>	<b>138</b>	<b>812+</b>

*\*Classes and trainings are open to all CSA owners and for a limited time to contractors and residents in Alameda County.*

+ Total doesn't add up because classes are not counted by city

# APPENDIX B

**Services Provided To-Date**  
 Second Quarter Cumulative  
 July 1, 2009 – December 31, 2009

Goals and Objectives	Goal	First Quarter 09-10	Second Quarter 09-10	Third Quarter 09-10	Fourth Quarter 09-10	Cumulative
100 Media Spots	100	18	16			34
5 Targeted Mailings	5	3	1			4
25 Public Education Events	25	31	18			49
40,000 Website Visitors	40,000	12,755	15,537			28,292
60 Presentations	60	8	14			22
600 Phone Consultations	600	170	144			314
60 Responses to Unsafe Renovations Calls	60	17	6			23
30 Lead and Healthy Housing Awareness Classes	30	2	1			3
200 In-Home Consultations	200	50	43			93
200 Lead Sampling Kits Provided	200	74	58			132
200 HEPA Vacuum Cleaners Loaned	200	29	57			86
50 Medical Providers Receive Education	50	0	0			0
15 Train-the-Trainer Trainings	15	0	4			4
150 New Lead Exposed Children Receive Services	150	90	71			161
30 Environmental Investigations Conducted to Determine Source of Lead Poisoning	30	7	3			10
30 Housing Units Associated with Lead Poisoned Child are Cleared of Lead Hazards.	30	3	4			7
100 Lead Risk Assessment/Paint Inspections Completed	100	47	68			115
60 Units with Lead Hazards Remediated	60	14	13			27