



The  
Alameda County  
Lead Poisoning Prevention Program

**Third Quarter Report 2009-2010**

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

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## QUARTERLY HIGHLIGHTS

### **Healthy Homes Practitioners Course**

On March 24<sup>th</sup> and 25<sup>th</sup> 36 individuals from public agencies and private companies attended the ACLPPP's credential training for Healthy Homes Practitioners. Participants included eight staff members from the Oakland Housing Authority (Leased Housing); seven staff members from the San Mateo County Environmental Health; the City of Emeryville's Community Preservation Officer; and, three staff persons from the City of Berkeley (Public Health and Housing Departments). The remaining attendees were four Alameda County Emergency Medical Services staff from American Medical Response; two staff from the Contra Costa County Public Health Department, one individual each from the Bayview Hunters Point Health & Environmental Resource Center, the California Department of Public Health, the City of Phoenix Children's Injury Prevention Program, and the San Francisco Department of Public Health Childhood Lead Poisoning Prevention Program. Also participating were two staff members from the Alameda County Community Development Agency's Neighborhood Preservation and Sustainability Department, and an independent consultant.

### **New Health Educational Brochure**

This quarter the Alameda County Lead Poisoning Prevention Program (ACLPPP) finalized a new brochure designed to explain the meaning of varying blood lead levels to families. It incorporates the new thinking that there is no safe level of lead in the body, provides recommendations about when to get additional blood tests, explains what to expect from the Lead Program as well as practical steps that families can take on their own to minimize their risk of lead exposure. The brochure is available in English and Spanish.

### **The Environmental Protection Agency's Lead Renovate, Repair, and Paint Rule**

As the April 22<sup>nd</sup> deadline for compliance with the new federal lead rule for contractors approached, the ACLPPP provided an EPA Refresher course in each month of the past quarter. Fifty-three persons became EPA Certified Renovators through these courses last quarter. To date, the ACLPPP has trained and certified 109 individuals as EPA-Certified Renovators.

## 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.*

#### **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. Articles were placed in Rental Housing magazines, the Building Education Center Newsletter, and local newspaper calendar listings.

A display ad about program services was placed in the East Bay Mom's Newsletter, an article about lead-safe work practices was published in the Alameda Housing Authority Landlord Newsletter, and the California Department of Public Health did a special recognition of the Program's Lead Week activities in the State-wide Lead Programs County-to-County Newsletter. The Alameda County Employee Newsletter carried an article about the recent HUD Healthy Homes Demonstration Grant award.

A total of 17 media spots were placed this quarter. A total of 51 media spots have ran this year.

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

The Program has had literature racks at over 88 locations throughout Alameda, Berkeley, Emeryville and Oakland. This quarter staff contacted 26 sites to update their stock of lead education materials. The locations included Oakland Community Organizations (OCO), permit offices; Home Depot, Arrow Rentals, Sherwin Williams, health clinics, WIC offices, property management offices, Pagano's Hardware Store, and Mark's Paint Mart. School staff at the Anna Yates School in Emeryville sent lead materials home via their students to an estimated 435 parents.

### **Conduct Five Targeted Mailings**

Five targeted mailings were conducted this quarter. Twenty-nine new City of Alameda homeowners were sent information about CSA services; 300 "Protect Your Family" booklets were provided to the Oakland Housing Authority to mail to Section 8 landlords; a flyer advertising a Program presentation on the new EPA Renovation, Repair and Painting Rule was mailed out to 87 CSA property owners; a Regulatory Alert letter about the EPA rule was mailed to 10 City Building Officials in Alameda County; and, 25 "Protect Your Family" booklets were mailed to a property management company in Emeryville.

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

Program staff participated in 10 public education events this quarter, staffing information tables at the East Bay Mom's Resource Fair, Rental Housing Association of Northern Alameda County (RHANAC) trade show, five RHANAC landlord workshops, and three Oakland Housing Authority Section 8 landlord workshops. Staff has participated in 59 public education events to date this year reaching 995 individuals.

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

The Program's website had a total of 16,383 visitors to the website this quarter for a year to date total of 44,675 visitors. The website was updated with more information about the EPA RRP Rule. A downloadable pdf version of the EPA Renovate Right booklet in English and Spanish, updates to classes and property owner services, and a Housing Resources Guide were posted on the website.

### **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 10 presentations this quarter reaching 212 individuals. Presentations about lead poisoning prevention and healthy homes were made at Cal Safe Fruitvale, Franklin Elementary School, the RHANAC landlord workshop, and a RHANAC Trade Show panel in Oakland, at a Head Start in Berkeley, Anna Yates Elementary School parents in Emeryville, and for teen mothers at Burke Academy and South County Head Start in Hayward.

Staff nurses made a presentation to 86 physicians at Children's Hospital Oakland and one of the ACLPPP's Project Designers presented lead information to 13 students at the Cypress Mandela Training Center. Program staff has conducted 32 presentations reaching 613 people this fiscal year.

### **Provide 600 Phone Consultations**

Program staff provided 411 phone, email and walk-in consultations this quarter, and responded to six unsafe renovation calls (see Compliance section of this report). Calls from contractors seeking information about the training necessary to comply with the new EPA rule has contributed to the increase.

In addition, the Program received a high volume of emailed requests for information about training. Program staff responded with detailed information about the training required, who should take the training, and where the trainings are offered in the Bay Area.

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.

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

Five classes were held this quarter, including Kelly Moore paint store staff trainings in Alameda and Oakland on how to advise their customers on safe work practices. The Program provided a special class about the new EPA RRP Rule for Oakland Housing Authority Section 8 landlords, a train-the-trainer class for Head Start staff in Alameda, and a visual assessment training for staff from First Place for Youth. Almost 100 people were reached through these classes.

### **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 33 In-Home Consultations and 36 lead sampling kits were provided. To date 126 In-Home Consultations have been conducted and 168 Lead Sampling Kits.

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

A total of 46 individuals utilized the HEPA vacuum cleaner this quarter, available at three locations; in Oakland at the ACLPPP office and the Temescal Tool Lending Library, and at the Berkeley Tool Lending Library. A total of 132 CSA property owners have utilized the HEPA vacuum service this year.

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

The Program's Neighborhood Outreach staff summarized activities and lessons learned from focused outreach activities in the East Oakland neighborhood with zip code 94621. The exit plan includes assisting partners in their efforts to continue to provide lead information, including maintaining contact with the Elmhurst Blight Committee, providing technical assistance on how to organize health fairs, and maintaining a presence in the Oakland Unified School District Family Resource Centers.

The Neighborhood Outreach staff also took steps this quarter to work with other agencies to participate in future events such as the East Bay Housing Organizations Affordable Housing Week on May 7<sup>th</sup>-May 16<sup>th</sup> and Housing Sabbath on May 16 – 17<sup>th</sup>. Program staff will present Healthy Homes information at the Oakland Housing Authority Affordable Housing week event on May 15th and at a "Place Matters" event organized by the Alameda County Public Health Department on May 14th.

The Program's "Guide to Lead-Safe Housing for Tenants and First Time Home Buyers plus Healthy Housing Guide" will be distributed in English and Spanish by Centro Legal de la Raza and by Oakland Housing Authority during Affordable Housing Week activities.

The Neighborhood Outreach team has also been focusing on increasing outreach activities in Alameda and Emeryville, reaching out to neighborhood groups, presenting at Parent Teacher Association (PTA) meetings, and planning a class in "Making your Home Safe for your Baby" which will be held in Alameda in May.

**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 18 people this quarter who had called the information line. Sixty-one percent (61%) 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. To date this year, 54 follow-up calls have been made and 34 (63%) stated they had taken action.
- Eight feedback forms were received this quarter from property owners who received In-Home Consultations and/or lead sampling kits. Six respondents stated they had taken an action to prevent lead exposures as a result of the Program's advice, one answered "I will" and one did not answer. The actions people noted taking included safely painting areas of peeling paint, testing, and cleaning up dust.

**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 continues to work 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 203 individuals were reached through one-to-one street outreach, presentations and tabling.

**Get the Lead Out Coalition**

This quarter the Coalition wrote the submitted scope of work for the EPA grant awarded last quarter for a "Campaign for Kid Safe Renovation" that will commence in July. 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.

In addition, a Coalition committee is working with the American College of Obstetricians and Gynecologists on collecting research studies and building partnerships to increase advocacy to have the CDC lower its level of concern to blood lead levels of 5 µg/dL and above, and for prenatal lead screening.

A Coalition member was interviewed for a program that aired on Univision, Channel 14 Spanish TV station about lead sources, highlighting lead found in ceramic pottery from Mexico. Coalition members are also working on developing an interactive website that will provide tools for the public to take steps to promote lead poisoning prevention policies.

Coalition members also met with the EPA Region 9 Lead Program Coordinator, staff and EPA media representative to discuss promotion and media release for the new EPA RRP Rule taking effect on April 22<sup>nd</sup>. Coalition members were invited to speak on a panel about the rule at a workshop for health and housing agencies.

The Center for Environmental Health, a member of the Coalition, has received a grant from the Public Health Trust to promote education and awareness about lead in children's toys and products.

### **Multicultural Institute**

The Program received a \$5,000 grant from the Michigan Public Health Institute to conduct an evaluation survey with day laborers to assess the effectiveness of various levels of lead awareness education and training. The Program is working with the Multicultural Institute in Berkeley to conduct the survey.

## **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 about 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 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 60 complaints of unsafe renovation or unsafe conditions.**

The ACLPPP and partners responded to six unsafe renovation or unsafe condition incidents during the quarter, for a total of 29 incidents for the fiscal year to date. Of these, four were related to unsafe renovations and two were complaints of unsafe conditions. Three of these incidents were in Oakland, one in Berkeley, where the ACLPPP assists the Berkeley Public Health Department, one in Alameda, and one in Castro Valley. No incidents were reported in Emeryville this quarter.

In Oakland, the ACLPPP performed two site visits in response to unsafe renovation incidents. One caller was a child care center operator with concerns about work practices being used by their contractor in an un-occupied portion of the property. Information was provided on clean-up and safe work practices for continuing the work. The second property was a multi-family complex undergoing rehabilitation, primarily in vacant units. The lead-disturbing work in common areas was not extensive and information was provided on lead-safe work practices to the owner/contractor.

A joint site visit was conducted with a City of Oakland Building Inspector in response to a neighbor complaint about peeling exterior paint and other substandard property conditions. The City of Oakland notified the owner of the need to correct the substandard property conditions including peeling paint. The ACLPPP will follow-up with the complainant on the progress towards correction of the deteriorated paint.

In Alameda, the ACLPPP performed two site visits in response to an unsafe renovation incident. The exterior work resulted in paint chips and debris in the gutter. The contractor was directed to clean up all paint chips and debris and the City of Alameda Fire and Building Departments were notified. The Clean Water Program of the City of Alameda Public Works Agency, which works with the Fire Department on storm water safety, notified the contractor in writing of required best management practices to prevent storm water contamination.

During the quarter a contractor contacted during an unsafe renovation intervention in Alameda completed the one-day Lead-Safe Work Practices training and EPA Renovation, Repair, and Painting Supplemental course to become a Lead Certified Renovator.

**Promote compliance education and lead awareness at Building Permit Offices in Alameda County.**

The Program sent all 14 Building Officials in Alameda County a Regulatory Alert letter about the new EPA rule, offering educational materials, a lead warning stamp for permits and staff training. During this quarter, five jurisdictions responded and are now stamping permit plans with a lead warning; they include Alameda County, which serves the unincorporated area, and the cities of Hayward, Livermore, San Leandro and Oakland.

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

This quarter the City of Oakland agreed to have the Program set up a display in the permit office with “Lead-Safe Lenny,” a mannequin dressed in lead safe protective gear, to highlight the EPA rule. The front door display includes materials about the EPA rule, lead-safe work practices, trainings, and other ACLPPP services.

**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.**

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.

One of the properties monitored this quarter is a multi-unit apartment building in Oakland. The owner was notified of the presumed lead hazards identified during a lead poisoning consultation and is reportedly correcting the problem. The ACLPPP will do a visual assessment once the work has been completed.

**Lead Safe Work Practices Training**

The ACLPPP offers lead-safe work practices training to prevent lead exposure 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 annually 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.**

Four Lead Safe Work Practices classes were held during this quarter: one in January, one in February, and two in March. A total of 60 persons were trained during this quarter. Of the four classes: three classes were open to all participants primarily CSA property owners and Alameda County contractors, and one class was provided to Laney College Community College students. Of all class participants: eight persons were staff of partnering organizations or agencies, 48 were remodelers/contractors, and four were CSA property owners.

Three EPA-RRP Refresher classes were provided during the quarter, one each in January, February, and March. Fifty-three 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 109 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 this quarter, a two-day Supplemental Supervisor-Project Monitor class. Eight persons participated in the class; three were Alameda County contractors, three were San Francisco City/County contractors, one was a Contra Costa County contractor, and one was an employee of Neighborhood Solutions, which contracts to do housing rehabilitation projects for public agencies.

## **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).*

The ACLPPP will 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 activity was completed in a previous quarter.

**Provide lead education to 50 Alameda County medical providers serving children eligible for publicly-funded programs**

On January 5<sup>th</sup>, staff participated in Grand Rounds at Children's Hospital Oakland in conjunction with the California Department of Public Health medical consultant, Dr. Stephen Rosenberg. The presentation was well attended by 86 pediatricians and pediatric residents.

**Distribute annual 'Lead Poisoning Update' newsletter to 100 medical providers serving the Medi-Cal population in Alameda County**

This quarter, staff continued to meet and work with the City of Berkeley Lead Program to plan the 2010 edition of the newsletter. The two Programs will coordinate articles and updates for the annual medical provider newsletter, projected to publish in the next quarter.

**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 provided a train-the-trainer presentation to 39 staff members of the City of Alameda's Head Start Program. The training introduced a new presentation tool on lead poisoning Head Start staff can use to train parent groups. The Head Start staff was very receptive, and plans to conduct the next presentation itself next quarter, with support from the ACLPPP.

**Host and coordinate four meetings of the Regional Bay Area Lead Programs.**

The third meeting of the fiscal year was conducted on January 29, 2010. 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, 38 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 (7), to lead poisoning outreach and education mailings (25). To date 199 lead exposed children have been served this year.

**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, no children 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 seven additional chart reviews for a to-date-total of 34, to collect data for the final analysis of case management outcomes due next quarter.

## **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 correction of all 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.*

During this quarter, ACLPPP closed the file on five units which passed clearance at the end of last quarter, cleared one property with lead hazards, and continued to work on five other properties with lead hazards. The one property that cleared this quarter did so in 72 days.

**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 two Environmental Investigations (EIs) to determine the source(s) of lead exposure, for a to-date total of 12 EIs. Both properties were located in the City of Oakland. Housing based lead hazards were found in one of the two residences. The other child with an elevated blood lead level was most likely exposed to lead during the family's trips to Pakistan to visit other family members.

**Provide technical assistance to occupants and rental property owners of an estimated 30 housing units where lead hazards have been identified.**

This quarter, the Case Review Working Group (CRWG) reviewed and tracked progress for 11 units where EIs had been completed. Of these, five had passed clearance at the end of the last quarter and were reviewed for closure by CRWG at the start of this quarter. Of the six other units, five had property based hazards requiring follow-up and one had no property based lead hazards identified during the EI. Technical assistance was provided to all five properties where lead hazards were present.

Also this quarter, the CRWG referred two owners of vacant buildings where property based lead hazards were previously identified to Alameda County Environmental Health Department for compliance enforcement; the owners had said they intended to demolish the buildings, but have neither demolished the structures nor addressed the existing lead hazards.

**Ensure 30 housing units associated with a lead poisoned child meeting the state case management criteria are free of lead hazards.**

This quarter, two more properties were evaluated and cleared for lead hazards, for a to-date total of 11 units. One property had no housing based lead hazards identified during evaluation and another property passed visual and dust clearances after addressing the identified lead hazards.

## **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 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 24 housing units during the quarter for a total of 139 in the fiscal year to date.

The ACLPPP finalized financial and contract documents for the 10-unit Addison Court Housing Cooperative project in Berkeley and a 31-unit project with Affordable Housing Associates (AHA) in Oakland. The Addison Court project is expected to be completed in the next quarter while the AHA project is a major rehabilitation that is expected to be completed in early 2011.

The majority of the other applications received have been for properties with four or fewer units. For the three-year grant period, 168 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 four properties with a total of 21 units completed and cleared during the quarter, bringing the total for the fiscal year to 46. Construction was completed 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 assist foster children to transition to independence.

A total of 48 units have been completed under the grant to date. One of the properties was associated with a lead-poisoned child.

The City of Alameda Development Services Department has completed 11 units and has several projects identified and in progress. City of Alameda projects include the nine-unit property owned by the Filipino-American Community Services Agency.

The City of Oakland Housing and Community Development Department has completed nine units and has 15 active units where lead evaluations have been performed. Most City of Oakland projects have been single-family homes completed under the paint grant and housing rehabilitation loan programs. It is expected that completion of the project documentation for both cities projects will 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 was submitted on 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**

One course was provided during this quarter in March. The class had 36 participants. The majority of participants were public agency personnel, including staff from San Mateo County and Phoenix, Arizona. (See Program Highlights).

An evaluation summary for this class has not been received from the National Center for Healthy Housing.

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

No Healthy Homes trainings for Code Inspectors were provided this quarter.

# APPENDIX A

Activities by CSA City  
Third Quarter Cumulative  
July 1, 2009 – March 31, 2010

Activity	Alameda	Berkeley	Emeryville	Oakland	Out of CSA	TOTAL
Classes*						9
LSWP 1-day trainings*						14
RRP Training*						7
In-Home Consultations	12	29	0	84	1	126
Test Kits given out	16	36	2	114	0	168
HEPA vacuums	7	28	0	96	1	132
Literature racks	13	11	5	53	11	93
Info tables at Events	1	7	2	45	4	59
Presentations	0	1	2	18	11	32
Info line calls and info requests	32	96	7	209	381	725
Response to complaints of unsafe renovation or unsafe conditions	4	8	0	14	3	29
<b>TOTAL</b>	<b>85</b>	<b>216</b>	<b>18</b>	<b>633</b>	<b>412</b>	<b>+1394</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**  
 Third Quarter Cumulative  
 July 1, 2009 – March 31, 2010

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	17		51
5 Targeted Mailings	5	3	1	5		9
25 Public Education Events	25	31	18	10		59
40,000 Website Visitors	40,000	12,755	15,537	16,383		44,675
60 Presentations	60	8	14	10		32
600 Phone Consultations	600	170	144	411		725
60 Responses to Unsafe Renovations Calls	60	17	6	6		29
30 Lead and Healthy Housing Awareness Classes	30	2	1	5		8
200 In-Home Consultations	200	50	43	33		126
200 Lead Sampling Kits Provided	200	74	58	36		168
200 HEPA Vacuum Cleaners Loaned	200	29	57	46		132
50 Medical Providers Receive Education	50	0	0	86		86
15 Train-the-Trainer Trainings	15	0	4	1		5
150 New Lead Exposed Children Receive Services	150	90	71	38		199
30 Environmental Investigations Conducted to Determine Source of Lead Poisoning	30	7	3	2		12
30 Housing Units Associated with Lead Poisoned Child are Cleared of Lead Hazards.	30	3	6	2		11
100 Lead Risk Assessment/Paint Inspections Completed	100	47	68	24		139
60 Units with Lead Hazards Remediated	60	12	13	21		46