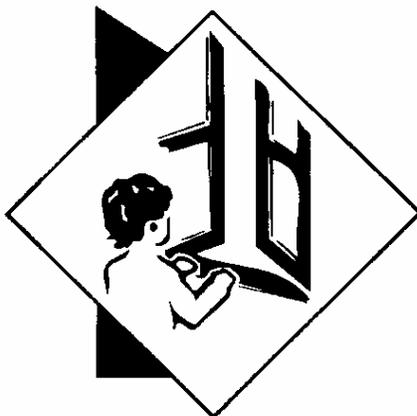


The Alameda County Lead Poisoning Prevention Program



Second Quarter Report

Fiscal Year 2005-2006

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The Alameda County Lead Poisoning Prevention Program (ACLPPP) presents the second quarter progress report on the goals and objectives for Fiscal Year 2005-2006. This report incorporates those determined by the various granting agencies, as well as those designed by the Program, to provide quality and effective services to County Service Area (CSA) property owners, and health services to children countywide.

This report is organized into two sections: The first is comprised of objectives for the CSA, California State Department of Health Services (DHS) and the U.S. Department of Housing and Urban Development (HUD). The second consists of the Public Education and Outreach, Compliance Assistance and Enforcement, Training, and Administrative objectives funded by multiple sources in order to maximize both Program services and resources.

HIGHLIGHTS

On October 26, 2005, the ACLPPP staff commemorated the National Childhood Lead Poisoning Prevention Week, October 23-19, 2005, by holding a media event at Alameda Hospital, as a means to increase awareness of this serious health issue. In the future, similar events will be held at other venues in CSA cities to observe this national event and ultimately increase screening for lead poisoning.

At the Alameda Hospital, staff established a relationship with their Board of Directors, and collaborated with Supervisor Alice Lai-Bitker and the Mayor of the City of Alameda to present two proclamations, one from the County and one from the City of Alameda, to Mark Allen, Acting Director of ACLPPP. The proclamations acknowledged National Childhood Lead Poisoning Prevention Week and the Program's endeavors in eradicating this insidious health threat to children.

On December 6, 2005, The City Councils of Berkeley and Emeryville voted to support the costs associated with holding a survey to establish if property owners would uphold a CSA assessment fee increase of pre-1978 residential properties and cost of living adjustment to support services currently being offered by the Program. The City of Oakland had consented to their portion of the costs associated with the survey at an earlier date. On December 20, 2005, the Alameda City Council also agreed to participate, with the caveat that an explanation be provided of the process in which the consultant was chosen for the survey.

During this quarter, ACLPPP completed the project initiated last quarter with the U.S. Consumer Product Safety Commission (CPSC) to perform in home safety surveys in conjunction with home visits to lead poisoned families. The goal was to conduct 20 safety consultations to underserved and minority populations of Alameda County, thereby providing comprehensive care to the lead poisoned families already being served. ACLPPP staff developed a "Home Assessment Checklist" in collaboration with staff at CPSC. Public Health Nurses conducted home visits to assess safety in the home and to educate families about maintaining safe products and safe living environments in their homes. The CPSC educational brochure, "Childproofing Your Home: 12 Safety Devices to Protect Your Children" was distributed to reinforce the safety messages given during the home visits. ACLPP nursing staff performed the 20 safety assessments and submitted a final report on the findings to CPSC during this second quarter. Findings included prominent safety hazards common to all families of improper water heater temperature setting (too high), lack of anti-scalding devices on faucets, and presence of looped mini blinds cords causing choking hazards to young children. ACLPPP nursing staffs traditionally assess safety hazards for their young clients as standard clinical practice during home visits. Nonetheless, this project highlighted hazards to include that were not previously part of safety assessments (such as water heater temperature setting). ACLPPP staff recommendations for improving the project included



making CPSC education brochures available in other languages, incorporating expanded safety assessment into the nursing curriculum and Healthy Homes curriculum as well as into housing code inspections trainings.

During the second quarter, ACLPPP hosted “Lead, Lead Everywhere – A Panel Discussion on Lead in Consumer Products” in collaboration with the City of Berkeley Lead Poisoning Prevention Program. Staff from The Center for Environmental Health (CEH) presented information on their efforts to identify lead in consumer products. The emphasis was on their current identification of lead in vinyl lunchboxes and the controversy between their findings and those of the Consumer Product Safety Commission. The forum was attended by 20 people, drawing from lead programs throughout the Bay Area as well as representatives from the DHS Childhood Lead Poisoning Prevention Branch.

CSA PROPERTY OWNER SERVICES

The primary goal of CSA Property Owner Services is to reduce exposures to lead hazards. These objectives are focused on raising awareness of the sources of lead in residential buildings and ensuring hazards are addressed in a lead-safe manner. Ultimately, this will result in exposing fewer children, property owners, and workers to lead. Property owners also need to be aware of changing Federal and State regulations mandating disclosure of lead hazards, distribution of lead hazard information prior to renovations, and containment of lead dust during renovations to prevent lead exposure, and how to avoid fines and potential liability. California Senate Bill 460 (SB460) in particular has brought about a system-change that reinforces the importance of performing any type of construction work in pre-1978 homes in a lead-safe manner. Therefore, the ACLPPP will continue its property owner education program to ensure that this information is disseminated to the community. CSA funds will be used to provide property owners in the cities of Oakland, Berkeley, Alameda, and Emeryville with Primary Prevention Education Services, based on the percentage of funds received from each city.

PRIMARY PREVENTION EDUCATION SERVICES

ACLPPP will:

- **Provide 500 environmental lead consultation site visits and/or environmental lead testing kits.**
Twenty-four in-home consultation site visits were performed during this quarter. This number is up from the previous quarter but is still short of the objective, mostly due to the lack of applications received from property owners. Marketing of this service is being increased: flyers and applications are being placed in literature racks throughout the four cities, and the application is now available on the Program’s website at www.aclppp.org. Staff is continuing to evaluate the use of this service and will be conducting a client survey to obtain more feedback on the use of the sampling kits. A total of 32 in-home consultations with the lead sampling kit have been provided this year.
- **Distribute 300 Lead-Safe Painting Preparation Kits.**
The Program provided 69 lead-safe painting prep kits this past quarter, each in conjunction with an educational contact. CSA property owners may obtain a coupon for the kit by taking a Lead-Safe Painting and Remodeling class, calling the information line with an unsafe renovation concern, attending a public education event or if they have a child with an elevated blood lead level. There are nine local sites where CSA owners can redeem their coupon for these kits. A total of 101 lead-safe painting kits have been provided this year.



- **Conduct 14 Lead-Safe Painting and Remodeling Classes.**

Two of the introductory Lead-Safe Painting and Remodeling classes were held this past quarter. They included an October class at the Emeryville Recreation Center and a November class at the ACLPPP training center. In addition, an in-service training of five paint store staff was given in October at the Kelly Moore Paint Store in Alameda. A total of three lead-safe painting classes have been held this quarter. Eight classes have been held this year.

- **Provide educational materials in 25 Paint Stores.**

Program staff continued to visit 37 paint stores in October and November to re-stock and update lead education materials on counter displays at the stores. A total of 23 stores were re-stocked in December, leaving 14 not visited in December due to staff absences. These 14 paint stores will be replenished in early January. Program staff continues to work towards having lead information in every local store in the CSA that sells paint.

- **Lend HEPA Vacuum Cleaners to 220 CSA property owners.**

A total of 34 CSA property owners utilized the HEPA vacuum cleaner lending program this past quarter. The HEPA vacuum cleaners are available through the Program office and at the Temescal Tool Lending Library in Oakland. A total of 92 HEPA vacuum cleaners have been loaned out this year.

- **Distribute information and literature at 10 municipal office locations, including the four CSA City Permit Offices.**

Program staff visited 13 municipal offices each month during this past quarter to re-stock and update the counter display of lead education materials. Sites include the permit offices in all four cities, Oakland and Alameda Housing Authorities and Development Services Departments, Berkeley Rent Stabilization Board, Emeryville Child Development Center, City of Oakland public school office and the City of Oakland's Community and Economic Development Agency.

- **Provide to rental property owners 5,000 Environmental Protection Agency (EPA) booklets titled "Protect Your Family From Lead in Your Home" in three languages, English, Spanish, and Chinese, as a means to assist them with the compliance of Title X, Section 1018.**

A total of 806 EPA booklets were provided to rental property owners this past quarter. These booklets are distributed through the Oakland Housing Authority Section 8 property owner meetings, Rental Housing Association of Northern Alameda County, Apartment Owners Association, Berkeley Rent Stabilization Board, property management companies and by request from CSA rental property owner calls to the Info-line.

- **Contact and provide information about lead regulations and services to four realtor and/or property management companies.**

During the next quarter, Program staff will commence contacting CSA realtor and/or property management companies for EPA booklet distribution to renters.



GOALS & OBJECTIVES County Service Area	OBJECTIVES BY CITY									
	Alameda		Berkeley		Emeryville		Oakland		Total	
	Done	Goal	Done	Goal	Done	Goal	Done	Goal	Done	Goal
CSA Property Owner Services: Increase Property Owners' Awareness, Knowledge, and Actions to Prevent Lead Poisoning										
Provide 500 environmental site visits and/or test kits	1	55	9	110	0	5	22	330	32	500
Distribute 300 Lead-Safe Painting Preparation Kits	11	33	21	66	1	3	68	198	101	300
Conduct 14 lead-safe painting classes	2	1	1	3	1	1	4	9	8	14
Supply Info. racks in 25 paint stores	6	3	6	5	1	1	24	16	37	25
Provide 220 loaner HEPA vacuum to property owners	4	24	9	48	1	2	78	146	92	220
Distribute educational materials in 10 municipal offices	3	1	2	2	2	1	7	6	14	10
Provide 5,000 EPA Booklets to rental property owners	480	550	318	1,100	0	50	803	3,300	1601	5,000
Provide Information about lead regulations to four realtor/property management companies	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	4

CSA ADMINISTRATIVE OBJECTIVES

- Conduct quarterly evaluations for the lead consultation site visit and test kit service including monitoring usage of the service, lab logistics and client feedback, making adjustments as needed.**
 Staff for the In-Home Consultation (IHC) service to CSA property owners has been trained and the service has been fully implemented. Staff believes that the service remains underutilized by CSA property owners and to improve the use of this service the application has been made available on the ACLPPP website, at literature racks and paint stores throughout the CSA and at home renovation and one-day lead-safe work practice trainings. Staff continues to meet weekly to monitor and make necessary adjustments to the service as needed. The home lead sampling kits have not been used significantly as a result of the IHCs. To determine why this non-use is occurring, staff has initiated a follow up phone survey with kit recipients to gather information as to how to make this tool more useful to property owners. The survey will continue into the next quarter at which time the results will be available.
- Provide quarterly analysis of any significant fluctuations in objective outcome numbers.**
 Monthly progress on the objectives is reviewed at team meetings on a regular basis. Program staff continues to complete an info-line log for each call received, and provide an evaluation feedback form to everyone who takes a class, receives an IHC or HEPA vacuum cleaner services. These forms are reviewed regularly by the CSA manager. Due to staff reductions, tabulations and analysis of the evaluation forms have been more limited this year. Staff has met to discuss a new program tracking and database system which would be used as a tool in the analysis of program indicators, gap analysis and service deliverables. It is noted that the use of the HEPA vacuum cleaner service has been low this quarter. This low use is explained by the unusual precipitation amounts and the seasonal reduction in home improvement projects during the holiday season.



CSA ADMINISTRATIVE OBJECTIVES

Conduct evaluations for lead consultation site visits and test kit services	Ongoing
Provide quarterly analysis of any fluctuations in objective outcome each quarter.	Ongoing

DEPARTMENT OF HEALTH SERVICES/ CHILDHOOD LEAD POISONING PREVENTION BRANCH (CLPPB)

Department of Health Services/Childhood Lead Poisoning Prevention Branch (CLPPB) funds are utilized to support comprehensive health program services. Core functions of CLPPB-funded activities include direct case management services to lead poisoned children and their families, advocacy for blood lead screening via collaboration with other public health programs, and marketing and consultations to the medical provider community and Medi-Cal Managed Care Organizations.

Environmental Investigations are conducted in the homes of children with elevated blood lead levels (EBLLs) throughout Alameda County. ACLPPP's Registered Environmental Health Specialist (REHS) provides property owners with a risk assessment report detailing the environmental test results and recommendations for safely addressing the lead hazards at the property. An on-site consultation with a project designer is scheduled with the owner to discuss safe methods of lead hazard reduction, emergency measures, and program services such as the lead-safe renovation classes, painting preparation supplies, HEPA vacuum cleaner lending program and possible financial assistance for some emergency cases located in the CSA.

BLOOD LEAD TESTING

The ACLPPP will assure that all identified children at risk for lead exposure will be referred for blood lead screening. The goal of Case Management is to decrease EBLLs of lead burdened children to normal levels.

- **Screen and evaluate test results by Public Health Nursing staff to determine if case management services are needed.**

Public Health Nursing staff evaluated 2,034 test results received this quarter for elevated blood leads. The majority of these tests results are referred from Quest Laboratories, with additional results referred from Kaiser Permanente and Children's Hospital Oakland.

CASE MANAGEMENT

This quarter there was a three-fold increase in the number of new medical cases. A total of 19 new cases were identified, the majority in the month of September. An increase in new cases is expected this time of the year due to children requiring back to school physical examinations. However, this quarter's increase has been the largest ever seen at ACLPPP. Staff is diligently working to provide quality services to this influx of newly identified cases and their families.

- **Provide Public Health Nursing Case Management Services to an estimated 60 (both new and active cases) children with an EBLL equal to or greater than (\geq) 20 micrograms per deciliter ($\mu\text{g}/\text{dL}$).**

There are currently 46* families (cases) receiving medical case management services by public health nurses during this second quarter of the fiscal year. Staff continues to meet on a weekly basis to review all case managed cases for quality assurance and control, discuss difficult cases, and develop strategies that would best serve the families whose children are lead poisoned.



* Public health nurses case managed an additional 23 families of children with EBLs that do not yet meet DHS case criteria.

- **Identify all new medical cases that meet the medical case criteria. These are cases identified from the 10,000 evaluated and determined to meet the criteria for medical case management.**

This second quarter, eight* new medical cases were identified and are receiving case management services by a PHN this quarter. These are DHS defined cases (based on BLL) that may require an Environmental Investigation (EI).

* In addition, nine potential new cases were identified and are receiving case management services by a PHN that do not yet meet DHS case criteria.

Case Highlight:

One of the new cases this quarter was a family from Nepal. The family has been in the USA for six months and is currently living in a newer apartment in Albany, with no deteriorated paint. Further investigation and interviewing of this family revealed that they use Ayurvedic ointment from Nepal on the child's lips as well as turmeric from Nepal in their cooking. Samples of both were collected and sent to a laboratory for lead content analysis. Results of the analysis revealed high levels of lead in both products. The family was informed of the results and recommendations to stop using the products and to have all family members tested for blood lead

levels were made. Staff submits all newly found sources of lead to the California DHS for dissemination to other county lead programs throughout the State and alert them of the potential new sources.

- **Provide health education services to an estimated 120 children with an EBL 10-19 µg/dL.**

During the second quarter, 28 families received health education services (nine with BLL 15-19 and 19 with BLL 10-14 µg/dL).

The Lead Program has restructured services it provides to families of children with lower elevated blood lead levels. For reporting purposes, these cases have been separated into the two levels (BLL = 10-14 and BLL 15-19) to clarify that these levels receive different types of interventions.

BLL 10-14µg/dL:

Families of children with blood lead levels between 10-14 µg/dL will receive a Lead Poisoning Consultation (LPC) by an In-Home Consultant. These services will include a phone contact and/or home visit with one-on-one education, visual survey of the home, health education materials, and a sample test kit for those who are CSA property owners.

BLL 15-19 µg/dL:

Health education services for children with BLLs over 15-19 µg/dL will now be conducted by a Public Health Nurses. Comprehensive case management services, similar to those provided to children with medically defined cases of 20 or more micrograms per deciliter, will be provided to these children. These cases will not receive an environmental investigation.

- **Evaluate and refer to the Case Review Working Group (CRWG) all new medical cases and those educational cases referred by the Case Management Coordinator for review.**

All new medical cases were referred to CRWG this quarter. These represent the eight new medical cases for nursing case management. These cases were evaluated for financial services, lead remediation, and consultation by housing staff.



- **Conduct an estimated 30 Environmental Investigations (EI) for identified medical cases to identify the source of lead poisoning.**

Environmental Investigations (EI) were conducted for six medical cases.

DEPARTMENT OF HEALTH SERVICES/CLPPB		
BLOOD LEAD SCREENING: Assure Blood Lead Level screening of Alameda County children at risk for lead poisoning	COUNTYWIDE OBJECTIVE	
	Completed	Objective
Evaluate all blood lead screenings	5,886	10,000
CASE MANAGEMENT: Decrease Blood Lead Levels of lead burdened children to normal levels		
Provide Public Health Nurse Care Management Services to all children with an EBLL \geq 20 $\mu\text{g}/\text{dL}$ (60 estimated) All cases 14.5 to 19.5 $\mu\text{g}/\text{dL}$ will be included in this deliverable.	46	60
Number of medical cases identified during the quarter	8	N/A
Provide health education services to all children with an EBLL 10 – 14 $\mu\text{g}/\text{dL}$ (120 estimated)	23	120
Evaluate and refer to CRWG all new medical cases and those educational cases referred by the Case Management Coordinator for review	27	N/A
Conduct 30 Environmental Investigations to identify the source of lead poisoning (estimated)	15	30

COMMUNITY HEALTH OUTREACH

Program staff will educate the residents and service providers of Alameda County on lead hazards in an effort to significantly decrease the number of children at risk for lead poisoning.

- **Teach the health component of four ACLPPP's state-accredited Lead-Related Construction Supervisor and Worker trainings.**

No trainings involving the health component this quarter were conducted.

- **Provide 25 educational presentations to residents and service providers. These presentations will involve the Women, Infants and Children program (WIC), Head Start sites, parent groups, prenatal clinics/classes, managed care programs, daycare providers and schools in Alameda County**

Staff conducted nine presentations to parent classes. Classes were conducted at South County Head Start sites, such as Tiburcio-Vasquez and Kid's Breakfast Club. A total of 151 parents were reached and received educational case packets. Future presentations have been scheduled for all South County and City of Oakland Head Start locations.

Staff conducted two Lead 101 presentations to South County Head Start teachers. A total of 92 teachers were reached. This is an ongoing collaboration with South County Head Start. From this collaborative relationship, a need has been assessed to assist South County Head Start staff with their Lead Policy & Procedures. Program staff will be meeting with the Directors on February 3, 2006.

Staff began educational presentations for the clientele of the Women, Infant and Children (WIC) Program at Tiburcio-Vasquez Health Center in Union City. The plan for ACLPPP staff is to conduct monthly English/Spanish workshops in the waiting rooms directly to mothers who receive WIC services. This gives the Lead Program access to families who are most at-risk for lead poisoning.



Staff conducts monthly visits to the City of Oakland Head Start sites. Sites include Seminary, Eastmont, Tassafaronga and Sun Gate. The total number of individuals reached was 225.

Preliminary meetings occurred with the Director of Alameda County Office of Education to schedule educational presentations for teachers this 2005-2006 school year.

DEPARTMENT HEALTH SERVICES/CLPPB (continued)		
	Completed	Objective
COMMUNITY HEALTH OUTREACH: Educate Alameda County residents and service providers on the health risks posed by lead hazards		
Provide lead related health education at four ACLPPP Certification trainings	0	4
Provide 25 presentations on lead issues to residents and service providers	11	25

MEDICAL PROVIDER OUTREACH

Staff will work with medical providers to incorporate targeted blood lead screening as a component of comprehensive pediatric care.

- **Identify and provide lead education workshops to an estimated 100 medical providers in Alameda County serving children who are eligible for publicly-funded programs.**

Staff participated in two planning meetings for the Provider’s Training Collaborative (PTC) during this second quarter. The PTC is beginning to plan for a new training to take place in subsequent quarters.

Staff conducts monthly Women, Infants and Children (WIC) program site visits to offer updated educational materials and screening information to staff and clients. ACLPPP staff also provides lead packets that are distributed by WIC staff to their clients. Packets include screening and nutrition information and the brochure, “How to Protect Your Baby During Pregnancy.” The total number of individuals reached was 2,100.

Medical providers in the cities of Alameda, San Leandro and Castro Valley were visited by staff during this quarter. There were a total of 14 providers who received these on-site visits. Visits include contact with office managers to determine the educational material needs of the provider office. Medical providers were provided with information on new sources of lead from Mexican candies. Providers received posters on other sources of lead to post in waiting area and to hand out to patients.

Staff conducted collaborative meetings with Maternal Child & Health (MCH) and Improving Pregnancy Outcomes Program (IPOP) during the months of October, November and December. At these meetings, ACLPPP staff provided lead packets which included nutrition information, “How to Protect Your Baby During Pregnancy,” and the new lead in Mexican candy posters.

Staff conducted a collaboration meeting with Every Child Counts (ECC). From this collaboration ACLPPP staff was able to make a new connection with Parent Infant Program (PIP). Hopefully, this will open new doors for ACLPPP to conduct parent presentations to child development centers.

Staff conducted collaboration meetings with Child Health and Disability Prevention Program (CHDP) nurses to discuss provider outreach. These meetings were scheduled to discuss strategies on how to outreach to CHDP providers. In addition, staff collaborated with the CHDP Nutritionist on similar strategies.



- **Provide technical assistance on regulations, legal responsibilities on lead poisoning and screening, as indicated, to approximately 12 medical providers per year.**

Technical assistance was provided to three providers this second quarter.

- **Provide finger stick (capillary Pb) education and consultation to 10 health care providers in an effort to increase lead screening.**

During this quarter, a total of 92 children have been tested via the capillary lead testing project. Since initiation of the in-office capillary testing in May of 2003, a total of 1,094 children have been tested by this venue.

New trainings to providers for in-office capillary testing are temporarily on hold pending negotiations with another laboratory (Santa Clara County Public Health Lab) and with managed care programs for inclusion in this project. Providers have been alerted to the delay and wait to hear from the Program to begin this project.

In preparation for the expansion of this project, ACLPPP hosted a "Train the Trainer" for capillary blood lead testing during this second quarter. Trainers included staff from Santa Clara Public Health Laboratory and Santa Cruz County Lead Poisoning Prevention Program. The training reviewed policy and procedures for training medical providers in conducting in-office capillary blood lead testing. Avoiding contamination of capillary samples taken from the fingertips was emphasized to minimize the false positive rate of elevated blood lead levels from capillary samples. At the conclusion of the training, all nurses are now able to train medical providers in their counties on correct procedures for in-office capillary blood lead testing. Continuing Education Units were provided for all nursing staff who participated in this training.

- **Provide lead awareness education at a noon Grand Rounds for pediatrics medical residents at Children's Hospital and Research Center at Oakland (CHRCO), addressing issues on lead exposure, poisoning, prevention and treatment.**

This is an annual event that will be scheduled in subsequent quarters.

- **Provide lead awareness education to 50 health care students.**

Staff hosted three pediatric medical residents from Kaiser Permanente Oakland this quarter. The doctors spent a half day with nursing staff discussing screening regulations, prevention strategies, chelation, treatment, follow-up BLL testing and lead sources. In addition, they participated in case review at the CRWG meetings and conducted community assessments and home visits with nursing staff. This has been a one-on-one experience offered to medical residents who are currently doing their community health rotation at Kaiser Pediatric Clinic. They expressed appreciation for the chance to see the community side of patient care which puts lead poisoning in a whole new perspective for them as physicians.

- **Coordinate the forum for Regional Bay Area Lead Programs to share resources, foster coalitions, influence policy changes, and receive updated information from the State CLPP Branch regarding legislation, regulations, national trends, and technical assistance.**

The second meeting of this fiscal year was held on October 28, 2005 at the ACLPPP office. The meeting was attended by representatives from local Bay Area Lead Programs and DHS Childhood Lead Poisoning Prevention Branch (CLPPB) staff. Discussion topics included lead in pregnancy, outreach activities conducted during National Childhood Lead Poisoning Prevention Week 2006 (October 23-29, 2006), lead in vinyl lunch boxes, the upcoming forum to be held at ACLPPP with the Center for Environmental Health around their tests for lead in lunch boxes and other products and lead in Mexican candies. In addition, representatives from the State CLPPB provided an update of state level issues to the local programs.



- **Conduct one lead education seminar to the professional/PHN committees of the Alameda County Health Care Services Agency.**

This annual activity was completed in the previous quarter.

DEPARTMENT HEALTH SERVICES/CLPPB (continued)		
	Completed	Objective
MEDICAL PROVIDER COMMUNITY MARKETING: Incorporate blood lead screening as a component of comprehensive pediatric care to increase demand for blood lead screening among high-risk clients		
Identify and provide lead education workshops to an estimated 100 medical providers in Alameda County	79	100
Provide technical assistance on regulations, legal responsibilities on lead poisoning and screening, as indicated, to approximately 12 medical providers per year.	5	12
Provide finger stick (capillary Pb) collection, education and consultation to 10 medical providers	2	10
Provide one training to medical residents at Children's Hospital and Research Center at Oakland	0	1
Provide lead awareness education to 50 health care students	3	50
Coordinate four meetings of the Regional Bay Area Lead Nurses	2	4
Conduct one lead education seminar for the professional/PHN committees of the Alameda County Health Care Services Agency.	1	1

DHS ADMINISTRATIVE PROCESS OBJECTIVES

- **Maintain Memorandums of Understanding (MOU) with Child Health and Disability Prevention Program (CHDP); WIC; Alameda County Public Health Department (ACPHD) & Environmental Health Services (EHS); City of Berkeley Health Department and the two Managed Care Plans to cross advocate for comprehensive care to increase lead screening.**

An MOU was negotiated this quarter with the ACPHD. The MOU with EHS is currently under negotiations and expected to be completed in the next quarter.

- **Attend all state-sponsored CLPPB technology subcommittee meetings to ensure input for the development of the State's RASSCLE II database system.**

The State CLPPB, Alameda County, Los Angeles County and Northrop Grummond held a data conversion meeting on October 4, 2005 and again on November 2, 2005. Both meetings discussed the data conversion process into the RASSCLE II web-based system. A secured web line is in process for use by all parties during the conversion process; this conversion process should take from two to three months. Beta testing for Alameda and Los Angeles Counties is scheduled to begin in the third quarter.

- **Develop a special project with the City of Oakland Head Start Program to increase lead awareness and screening rates.**

Please refer to previous page.



DHS ADMINISTRATIVE OBJECTIVES

Negotiate Memoranda of Understanding with the Alameda County Public Health Department (ACPHD) Health Officer & the Environmental Health Services (EHS)	In Progress
Negotiate an MOU with the City of Berkeley Health Department and Alameda County Asthma Start Project to collaborate with the Lead Program as partners on the HUD 13 Healthy Homes grant.	In Progress
Attend all state-sponsored CLPPB technology subcommittee meetings to ensure input for the new RASSCLE II database system	In Progress
Develop one special project with the City of Oakland Head Start Program to increase lead awareness and screening rates	In Planning Stage

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

HUD ROUND X – LEAD HAZARD CONTROL

From February 1, 2003 through July 31, 2005, the Program carried out a 30-month lead hazard control project funded with a \$2.16 million grant from the U.S. Department of Housing and Urban Development (HUD). This **Partnerships for Affordable Lead-Safe Housing Project** provided lead hazard reduction services, promoted lead-safe practices and increased local capacity to address lead hazards.

The Program's Partnerships for Affordable Lead-Safe Housing project allowed the ACLPPP to strengthen existing partnerships while working closely with local Housing Authorities to maintain and expand lead-safe Section 8 Housing Choice Voucher Program rental units. The ACLPPP and its partners matched the \$2.16 million in funding from the HUD Office of Healthy Homes and Lead Hazard Control with over \$2.9 million in local funds, including in-kind contributions and hard costs associated with housing rehabilitation.

The ACLPPP also worked with tenant assistance agencies to increase renters' knowledge of lead-based paint hazards and worked with local workforce development organizations to ensure that very low and low-income individuals were included in the expansion of the lead-qualified workforce necessary to implement HUD's Lead-Safe Housing Rule.

The overall objectives and actual performance during the grant period are shown in the table below. The Lead Program exceeded each of these key objectives.

Objective	Goal	Achieved
Housing units receiving lead risk assessments	210	229
Housing units with completed lead hazard control projects	144	181
Individuals educated	3,620	7,467
Individuals trained	296	407

The ACLPPP completed lead hazard control projects in 181 units of low-income housing. The primary component targeted privately-owned rental housing recruited in conjunction with the housing authorities of Oakland and Berkeley. The program completed 119 units under this component and property owners and non-profit housing providers contributed significant leveraged rehabilitation funds.

Partnerships with city housing rehabilitation programs formed the second component. Two cities, Alameda and Oakland, were sub-grantees under this grant, completing lead hazard control in a total of 51 units. Alameda and



Oakland housing departments completed 32 and 19 units of lead-safe housing respectively in conjunction with their planned rehabilitation. These agencies contributed significant resources in the form of Community Development Block Grant funds for matching lead hazard control work and leveraged rehabilitation, as well as in-kind staffing for project management and reporting. In addition, the ACLPPP carried out joint projects with the City of Emeryville (three units) and the City of Berkeley (one unit).

Properties associated with a lead-poisoned child represented the third component and were given priority. The ACLPPP completed eleven case-related units in the grant period, and one unit was completed under the City of Oakland partnership reported above.

Between the ACLPPP and its city partners, 181 housing units had completed lead hazard control projects, of which 32 units were completed in Alameda, 48 in Berkeley, three in Emeryville, and 98 in Oakland.

The Program's ability to exceed the objective for units with completed lead hazard control projects was a significant factor in the evaluation of the ACLPPP's eligibility for a renewal contract from the Office of Healthy Homes and Lead Hazard Control. On September 21, 2005, the ACLPPP was awarded a three-year, \$3 million dollar grant to continue the Partnerships for Affordable Lead-Safe Housing project. The contract for this HUD Round XIII grant began November 1, 2005.

The objectives for Fiscal Year 2005-2006 are:

- **Complete any outstanding projects and activities by the end of the grant close-out period.**
The grant close-out period ended October 29, 2005. All HUD X Lead Hazard Control Grant projects and activities are complete.

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT		
HUD X	Completed	Objective
Complete outstanding projects and activities by the end of the grant close-out period.		Complete

HUD X ADMINISTRATIVE OBJECTIVES

- **Prepare and submit the final report to the HUD Office of Healthy Homes and Lead Hazard Control.**
The final report was completed and forwarded to the HUD Office of Healthy Homes and Lead Hazard Control on October 28, 2005.

HUD X ADMINISTRATIVE OBJECTIVES	
Prepare and submit the final report to the HUD Office of Healthy Homes and Lead Hazard Control.	Complete



MULTI-FUNDED OBJECTIVES

PUBLIC EDUCATION AND OUTREACH

The Program's Housing and Health components' activities, where resources are combined to increase communities' awareness of lead hazards, will continue to be combined in this fiscal year 2005-2006 to maximize Program resources.

The funding sources for the following activities originate from both the CSA and the California Department of Health Services, thus increasing the Program's ability to maximize its Public Education and Outreach capabilities:

- **Record 9,000 visits to the Program's website. This reflects the number of times the web site is used as a resource to the public. The Program website is located at www.aclppp.org.**

During this past quarter, the website registered 3,973 visits. The website is included on all educational materials produced and distributed by the Program. The website provides information on Program services, lead poisoning, lead regulations, lead-safe work practices, class schedules and healthy homes.

This past quarter, a downloadable application form for the In-Home Consultation Service was added to the website where it can be printed and mailed in, in addition to a class registration form. Updates were also made in the class schedule and the property owner services page.

- **Provide responses to 1,000 Information Line calls.**

During the past quarter, the Program received 194 calls to the public information line. Of these, 147 came from the four CSA cities. The number of calls decreased from last quarter but is consistent with trends from previous years during the winter months with a decrease in exterior home renovation projects and the holidays. Staff answering the info. line has handled 11 unsafe renovation calls from neighbors, tenants and property owners this quarter. Of these, seven were calls originating from the City of Oakland. These time-intensive calls often involve follow-up calls to property owners and contractors in order to stop unsafe work practices and offer options for cleaning up uncontained paint chips.

- **Participate in 50 public education activities.**

The Program participated in 32 public education activities during the last quarter. Events in Oakland included presentations and/or information tables at the Oakland Housing Authority Section 8 Owner Briefings, the Rental Housing Association of Northern Alameda County landlord workshops and membership meetings, Sungate Head Start parent's meeting, Bi-National Health Fair, Decolores Head Start Unity Council Parent's Meeting, Foothill Hardware Store, Restoring our Neighborhood block party, Dia de Los Muertos 10th Anniversary Festival, Telegraph and Eastmont WIC offices outreach, Tassafornga and Brookfield Head Start, HUD funding information session, and the Supporting Future Growth Child Development Center.

In Berkeley, presentations and/or information tables were staffed at a Day Laborers Health Fair, Hypertension Town Hall meeting, after school "Lights Out" event, BALDCOA Parent meeting, Community Read-A-Loud event, Meditation for Stress Reduction and Healing, and a Funding and CSA services update with the City of Berkeley Housing and Building department staff.



In Alameda, presentations and/or information booths were conducted at the Alameda Hospital Annual Health Fair, and at a National Childhood Lead Poisoning Prevention Week Proclamation event.

Staff also had an information booth at the Emeryville Child Development Center Open House and Harvest Night event.

The Program receives many requests for attendance at community events. Program participation is prioritized based on the opportunity to reach 1) families of children at risk for lead poisoning, 2) home owners conducting renovations and 3) gatherings of rental property owners.

- **Distribute information and literature at 30 community centers, of which 24 will be libraries.**

Program staff continued to update and re-stock lead education materials at 39 libraries and community centers in October and November. A total of 28 community centers were restocked in December. Staff will re-stock the 11 venues missed due to staff absences in December, and in early January.

- **Place 100 Media Outreach and Educational messages.**

A total of 32 media spots were conducted this past quarter. These included display ads in local newspapers and magazines about upcoming classes. Sixteen requests were made to community calendars for listing of upcoming classes and HUD funding information sessions. The Program also issued two press releases this past quarter; one about National Childhood Lead Poisoning Prevention Week in October, and another in December about the HUD funding award. A Public Service Announcement (PSA) was also sent out to six radio conglomerates representing 16 radio stations. From these efforts, a TV interview aired on FOX Channel 2 “Bay Area People” show with Rosy Chu and a radio interview at KNBR that aired on multiple stations with a focus on getting the word out about the HUD funding.

PUBLIC EDUCATION AND OUTREACH

GOALS & OBJECTIVES	OBJECTIVES BY CITY									
	Alameda		Berkeley		Emeryville		Oakland		Total	
	Done	Goal	Done	Goal	Done	Goal	Done	Goal	Done	Goal
Record 9,000 visits to the Program Web site	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8,600	9,000
Provide information line services to 1,000 individuals	38	110	103	220	4	10	280	660	425	1,000
Participate in 50 public education events	3	8	13	17	1	1	41	49	58	50
Distribute educational materials in 30 community centers, including libraries	4	3	7	6	2	1	26	20	39	30
Place 100 media outreach and education spots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	48	100

PUBLIC EDUCATION AND OUTREACH ADMINISTRATIVE OBJECTIVES

- **Provide quarterly analysis of any significant fluctuation in objective outcome numbers.**

There were fewer info. line calls this past quarter than the previous quarter, but that reflects a consistent trend from previous years over the winter months and the holiday season. The Program has already exceeded its objective for Public Education events. The Program participated in a number of fairs and events related to National Childhood Lead Poisoning Prevention Week in October and activities, with rental



property owner association meetings continued in order to get the word out about the HUD funding. Staff absences in December due to vacations and illness caused a decrease in literature rack re-stocking. Attention was focused on re-stocking those that were missed in early January. Staff monitors each objective and monthly progress on the objectives is reviewed at regular team meetings. Program staff continues to complete an info-line log for each call received, and education outreach report forms are filled out for each program event in which it participates. Due to staff reductions, tabulations and analysis of the evaluation forms have been more limited this year.

- **Build and sustain partnerships with the First Time Home Buyers (FTHB) programs by providing staff training, lead presentations messages and copies of the “Guide to Lead-Safe Housing for Tenants and First Time Home Buyers.”**

Staff continues to make the “Guide to Lead-Safe Housing for Tenants and First Time Home Buyers” available to City and community-based organizations that are conducting workshops for first time home buyers. The Guide is also now available in Spanish and is in the process of being distributed. The City of Oakland FTHB and ACORN Housing FTHB programs have agreed to continue including lead information in their workshops and to refer their clients to the public information line.

PUBLIC EDUCATION AND OUTREACH ADMINISTRATIVE OBJECTIVES	
Provide quarterly analysis of any fluctuation in objective outcome numbers	Ongoing
Build and sustain partnerships with First Time Home Buyers programs	Ongoing

COMPLIANCE ASSISTANCE AND ENFORCEMENT

ENVIRONMENTAL CASE RESPONSE

The ACLPPP brings together health, environmental, and housing staff to address properties associated with a child with a high elevated blood lead level. Properties are monitored for compliance and technical assistance is provided to occupants and rental property owners. A Case Review Working Group, made up of public health nursing staff and environmental and housing specialists, meets regularly to review these environmental cases to review the child’s progress toward treatment goals, update the team on the status of lead hazard control work, and develop strategies and action plans to reduce the child’s housing-related lead exposure.

An ACLPPP housing specialist will work with occupants and rental property owners to explain the location of lead hazards, assist with prioritization and options for treatment, and provide information about available services and referral information to other resources.

- **Monitor an estimated 45 units where a child with an elevated blood lead level meeting public health case management criteria has been identified.**

Thirty seven units were monitored in Case Review Working Group this quarter, 12 of which were newly identified this quarter. The total number of units monitored this fiscal year is 45.

Environmental Investigations were performed on six of the newly identified units and two units identified in previous quarters. Hazards were identified in five of these properties. Environmental Investigations for six units were pending as of the end of the quarter. Of these, two units were awaiting a blood lead level associated with a new address, two families refused access, one family had moved, and one referral was received on December 30, 2005 and is pending scheduling.



- **Provide technical assistance to occupants and rental property owners of an estimated 32 units.**
This quarter, technical assistance was initiated for five units for a total of 18 units receiving technical assistance this fiscal year. Of these, an ACLPPP housing specialist provided technical assistance to occupants and owners of 16 units (current units and 11 of the previous ones) where a high elevated blood lead level child EBL child has been identified.
- **Document clearance of 16 units where property owners were provided with technical assistance.**
Five units where owners were provided with technical assistance achieved clearance this quarter. One of these units received financial assistance for lead hazard control through the City of Oakland's participation in the HUD X Lead Hazard Control grant. A total of 12 units have achieved clearance this fiscal year.

ENFORCEMENT REFERRALS

When a property meeting enforcement referral guidelines does not achieve clearance within the established timeframes, the property is referred to Alameda County Environmental Health Services Department (EHS) for enforcement under a Memorandum of Understanding between EHS and ACLPPP. Rental properties are subject to referral when an Environmental Investigation has determined the property is the likely source of a childhood lead poisoning case. EHS' responses to a referral from the ACLPPP may include an administrative hearing, a Notice to Abate, and a referral to the District Attorney. ACLPPP housing and environmental staff attend the EHS administrative hearings to report on the status of lead hazards at the property and advise on lead hazard control strategy. ACLPPP and EHS staffs share information regarding changes in the status of the property or the medical case.

- **Refer an estimated three eligible properties to Environmental Health for enforcement.**
No properties were referred to Environmental Health for enforcement this quarter. One unit referred to Environmental Health in the previous quarter passed clearance and was removed from enforcement referral.

CASE-RELATED PROPERTY RESPONSE		
	Completed	Objective
Monitoring an estimated 45 units where a high elevated blood lead level child has been identified.	45	45
Provide technical assistance to occupants and rental property owners of an estimated 32 units.	18	32
Document clearance of 16 units where property owners were provided with technical assistance.	12	16
Refer three properties to Environmental Health for enforcement	1	3

COMPLIANCE AND ENFORCEMENT INFRASTRUCTURE

Effective January 1, 2003, SB 460 amended the Health and Safety and Civil Code to include lead hazards in the definition of substandard housing and to clarify the authority of local code compliance, public health, and environmental health agencies to investigate and require treatment of lead hazards.

The ACLPPP garnered a three-year contract from the California Department of Health Services, which has established an allocation for local childhood lead poisoning prevention programs to promote effective local lead hazard reduction enforcement and compliance programs. The annual contract award for Alameda County is \$77,208, for a three-year total of \$231,624. This allocation is based on pre-1980 housing stock, children in poverty, and cases of childhood lead poisoning.



The primary goal is to develop a referral and enforcement infrastructure with the ACLPPP, Environmental Health Services Department (EHS), and housing code compliance agencies with a focus on those areas with the highest incidence of children with an elevated blood lead level.

Activities during the fiscal year focus on developing a model approach to enforcement to be used as a guide and starting point for discussions with enforcement agencies, promoting training of enforcement personnel, and developing a county-wide outreach plan.

- **Provide enforcement and compliance information to eight local housing code enforcement agencies.**
During this quarter, a presentation was made to code enforcement personnel in the City of San Leandro. Personnel attending this presentation were primarily from the Environmental Services Division of the Public Works Department. Also attending was the Building Inspection Supervisor. Additionally, information regarding applicable lead regulations was provided this quarter to the City of Fremont Community Preservation staff to assist them with a complaint regarding the unsafe work practices.
- **Promote lead-related training opportunities for 20 code enforcement staff.**
The Lead Program has offered lead-safe work practices training, training for state lead certification, and visual assessment training has offered Alameda County local housing code enforcement agencies. No agencies have elected to attend trainings this fiscal year. It has been challenging convincing city enforcement agencies of the need for lead-related training. However, the Lead Program has the opportunity to encourage participation in the trainings at the March meeting of the Alameda County Code Enforcement Network.

COMPLIANCE AND ENFORCEMENT INFRASTRUCTURE		
	Completed	Objective
Provide enforcement and compliance information to eight local housing code enforcement agencies.	5	8
Promote lead-related training opportunities for 20 code enforcement staff.	0	20

**COMPLIANCE AND ENFORCEMENT INFRASTRUCTURE
ADMINISTRATIVE OBJECTIVES**

- **Revise the Memorandum of Understanding with EHS in order to improve coordination regarding enforcement of lead hazards as identified in the Health and Safety Code and State Housing Law to better serve the process of Case Response Referral**
A review of the MOU with Alameda County Environmental Health occurred in the previous quarter. A draft of the proposed new MOU has been developed and forwarded to Alameda County Health Care Services Agency, Environmental Health Services for review and approval.
- **Develop a model Enforcement Response Policy for county-wide lead regulation enforcement**
Program management is having ongoing discussions with Alameda County Environmental Health for the completion of the MOU. The MOU will act as the basis for the Enforcement Response Policy.
- **Complete county-wide lead-awareness efforts by providing enforcement and compliance information to local housing code enforcement agencies.**
During this quarter, relevant lead information was provided to code enforcement personnel from the city of San Leandro Public Works Department, Environmental Services. This department is responsible for the enforcement of hazardous materials, including storm water runoff.



- **Expand the ACLPPP website to provide additional compliance and enforcement related information**
No meetings were held this quarter to identify appropriate compliance and enforcement information that should be included on the website. Currently, the website contains information on available trainings as well as on existing lead-related regulations.

COMPLIANCE AND ENFORCEMENT ADMINISTRATIVE OBJECTIVES	
Revise the Memorandum of Understanding with EHS to improve coordination with EHS	In progress
Develop a county-wide model Enforcement Response Policy	In progress
Complete county-wide lead-awareness efforts	In progress
Expand the ACLPPP website to provide additional compliance and enforcement related information	In progress

TRAINING

In response to new regulations at both the federal and state level, the Program modified its approach to training. HUD and EPA have de-emphasized certification in favor of basic skills training for most lead-related construction work. Consequently, the Program has changed its training offerings in response to this new emphasis, while continuing to offer some accredited classes leading to certification. Certification is still required to perform permanent abatement of lead hazards and interim controls in the homes of lead poisoned children.

Funding for these efforts come from a number of sources, including CSA, HUD grants and through Fee-for-Service. CSA funding allows CSA property owners free attendance in the one-day Lead-Safe Work Practices class. The HUD grants funding allows the Program to provide training to partnering agencies and low income individuals. The Fee-for-Service option is available to contractors and others outside the CSA.

The Program is concentrating its training efforts this fiscal year on the following:

State-accredited training: This training is an initial requirement to certification. Currently, the Program routinely offers two state-accredited training classes: A five-day Supervisor/Project Monitor class and a three-day Worker class. The Program will offer each class at least once per year. These trainings will continue to be marketed to construction tradespersons, workforce development programs working with low-income individuals, community-based organizations, and state and local government staff.

- **Provide two state-accredited trainings: two supervisor/project monitor and two worker classes.**
One state-accredited class was held this quarter. The three-day Worker class was scheduled and given in November. The class had six participants. The participants included five contractors and one low-income individual from the Youth Employment Partnership.

Fiscal year-to-date, one class has been held and six persons have attended state-accredited training.

One-day HUD/EPA-approved Lead-Safe Work Practices training: The Program is emphasizing the one-day HUD/EPA-approved Lead-Safe work practices class. This class provides the information necessary to perform most lead-related construction work in a lead-safe manner. These classes provide the minimum requirement for personnel working on federally-assisted projects covered under Section 1012 of Title X. This includes CDBG projects, Section 8 units and paint programs. This HUD/EPA-approved one-day Lead-Safe Work Practices class will be offered free to CSA property owners, and to CSA rental property owners and their maintenance crews.



- **Provide 12, one-day HUD/EPA approved Lead-Safe Work Practices classes.**

Three one-day HUD-approved Lead-Safe Work Practices classes were given during this quarter, two in October for Laney College Construction Program students and one in November. Of the 44 persons attending these two classes, 12 were CSA property owners, 19 were contractors, and 13 were low-income individuals, one of which was from the Youth Employment Partnership.

Fiscal year-to-date, six classes have been held and 69 persons have attended lead-safe work practices trainings.

TRAINING		
	Completed	Objective
Two state-accredited trainings: One supervisor/project monitor and one worker class	1	2
Twelve one-day HUD/EPA-approved Lead-Safe Work Practices classes	6	12

TRAINING ADMINISTRATIVE OBJECTIVES

- **Market and evaluate training classes.**

Alternative methods for marketing the training classes are continuously being reviewed by the Training Committee in order to increase the number of trainees attending classes of all types.

Classes are evaluated by using internal evaluation forms. These forms have not changed from previous years. The majority of class evaluations have come from the one-day classes and the response to both the curriculum and instruction has been positive.

TRAINING ADMINISTRATIVE OBJECTIVES	
Market and evaluate training classes	Ongoing

DEPARTMENT ADMINISTRATIVE OBJECTIVES

Department administrative objectives are designed to reflect efforts by the Program to enhance its mission through the expansion of collaborative relations with institutions and stakeholders at the national, state, and local levels. They also reflect efforts to strengthen the ACLPPP’s service delivery capacity, quality, and sustainability.

- **Develop a draft Alameda County Strategic Plan for the Elimination of Lead Poisoning.**

Discussions have occurred during this quarter to brainstorm and develop the countywide plan for the elimination of lead.

- **Create a proposal for the development of active partnerships with at least two new organizations in the area of non-lead related children’s environmental and safety hazards.**

Staff met this quarter to draft a plan, identifying the agencies and organizations to develop partnerships.



- **Design a plan to improve the quality and more effective use of the Department’s Health, Housing, and Environmental data.**

Staff has met several times to determine next steps to take after the gap analysis was concluded. Staff has identified critical elements to consider in developing the plan to improve the quality of the Department’s Health, Housing and Environmental data.

ADMINISTRATIVE	
Develop a draft Alameda County strategic plan	In Progress
Create a plan for new partnerships in children’s environmental health	In Progress
Develop a plan to improve quality and use of Department data.	In Progress



Glossary of Terms – Training, Workforce and Abatement

TRAINING

HUD-approved, one-day, lead-safe work practices training

- Also acceptable: HUD-approved lead-safe work practices training
- Internal short: One-day training or Lead-safe work practices

Accredited training required for certification

- Internal short: Accredited training or Certification training

Lead-safe skills training

HUD-approved, one-day, lead-safe work practices training, accredited supervisor training and accredited worker training are all considered Lead-safe skills trainings are used by HUD for purposes of establishing a trained workforce or for reporting on training issues under a Lead Hazard Control Grant.

- Internal short: HUD-approved training

The two-hour Lead-Safe Painting and Remodeling course is not considered skills training. At this point, for HUD quarterly reporting purposes, it will be considered education and awareness.

WORKFORCE

Trained workforce

A workforce where individuals performing abatement tasks have documented completion of Lead-safe skills training (see definition above).

Certified workforce

A workforce where at least one individual is a certified lead supervisor and all other individuals performing abatement tasks are certified lead workers.

Certified Lead Supervisor

An individual who has received a certificate from the California Department of Health Services as a "certified lead supervisor."

Certified Lead Worker

An individual who has received a certificate from the California Department of Health Services as a "certified lead worker."

ABATEMENT (Federal definitions of abatement)

Abatement

Any measure or set of measures designed to reduce or permanently eliminate lead hazards or lead-based paint.

Interim Controls (also known as abatement lasting less than 20 years)

Interim Controls are any measure or set of measures designed to reduce temporarily human exposure or likely exposure to lead hazards. Interim control methods include but are not limited to: leaded dust removal, paint film stabilization, certain friction surface treatments, and treatment of bare lead-contaminated soil.



Permanent Abatement (also known as abatement lasting 20 years or more)

Permanent Abatement methods shall be capable of lasting a minimum of 20 years under normal conditions. Permanent Abatement methods include, but are not necessarily limited to: Paint removal, enclosure, encapsulation, replacement of components, dust removal, removal or durable covering of lead contaminated soil.

ACLPPP QUALIFIED WORKFORCE REQUIREMENTS

Interim controls (abatement activities designed to reduce lead hazards for less than 20 years)

Work shall be performed by a trained workforce under the supervision of a DHS Certified Lead Supervisor.

Permanent abatement (activities designed to eliminate lead hazards for more than 20 years)

Work shall be performed by a certified workforce (DHS Certified Lead Workers under the supervision of a DHS Certified Lead Supervisor).

