

# State of the City and County: An Issue Briefing on Lead Poisoning in Chicago and Cook County

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Cook County DEPT.  
of  
Public Health

Promoting health. Preventing disease. *Protecting you.*

# Current Response in Suburban Cook County



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# Snapshot: Current Multi-Disciplinary Lead Team Activities

## Childhood Lead Poisoning Prevention Program

Unit	CURRENT Activities
<b>Environmental Health Services</b>	<ul style="list-style-type: none"> <li>• Lead risk assessments to identify home lead hazards</li> <li>• Mitigation notice creation and follow up, including monitoring completion of work by home owners not in grant program</li> <li>• Clear all properties once hazards remediated</li> <li>• Lead Poisoning Prevention Grant remediation work coordination with General Contractor and lead abatement contractors</li> <li>• Grant remediation work coordinated with families that income-qualify – approximately 20-30 per year</li> </ul>
<b>Lead Poisoning Prevention Unit</b>	<ul style="list-style-type: none"> <li>• Case referral</li> <li>• Phone and mail outreach to children with elevated capillary test (10mg/dL and greater) to ensure venous confirmatory testing performed</li> <li>• Manage Lead Poisoning Prevention Grant client application process</li> <li>• Manage contractor bidding process</li> <li>• Outreach and education (providers, partners, parents)</li> <li>• Quality Improvement initiatives</li> <li>• Policy development activities</li> </ul>
<b>Integrated Health Services</b>	<ul style="list-style-type: none"> <li>• Nursing case management, including:               <ul style="list-style-type: none"> <li>○ home visit</li> <li>○ nutritional assessment</li> <li>○ developmental assessment and referral</li> <li>○ health and social service referral</li> </ul> </li> <li>• Blood lead level and health monitoring</li> <li>• Service coordination with primary physician</li> </ul>

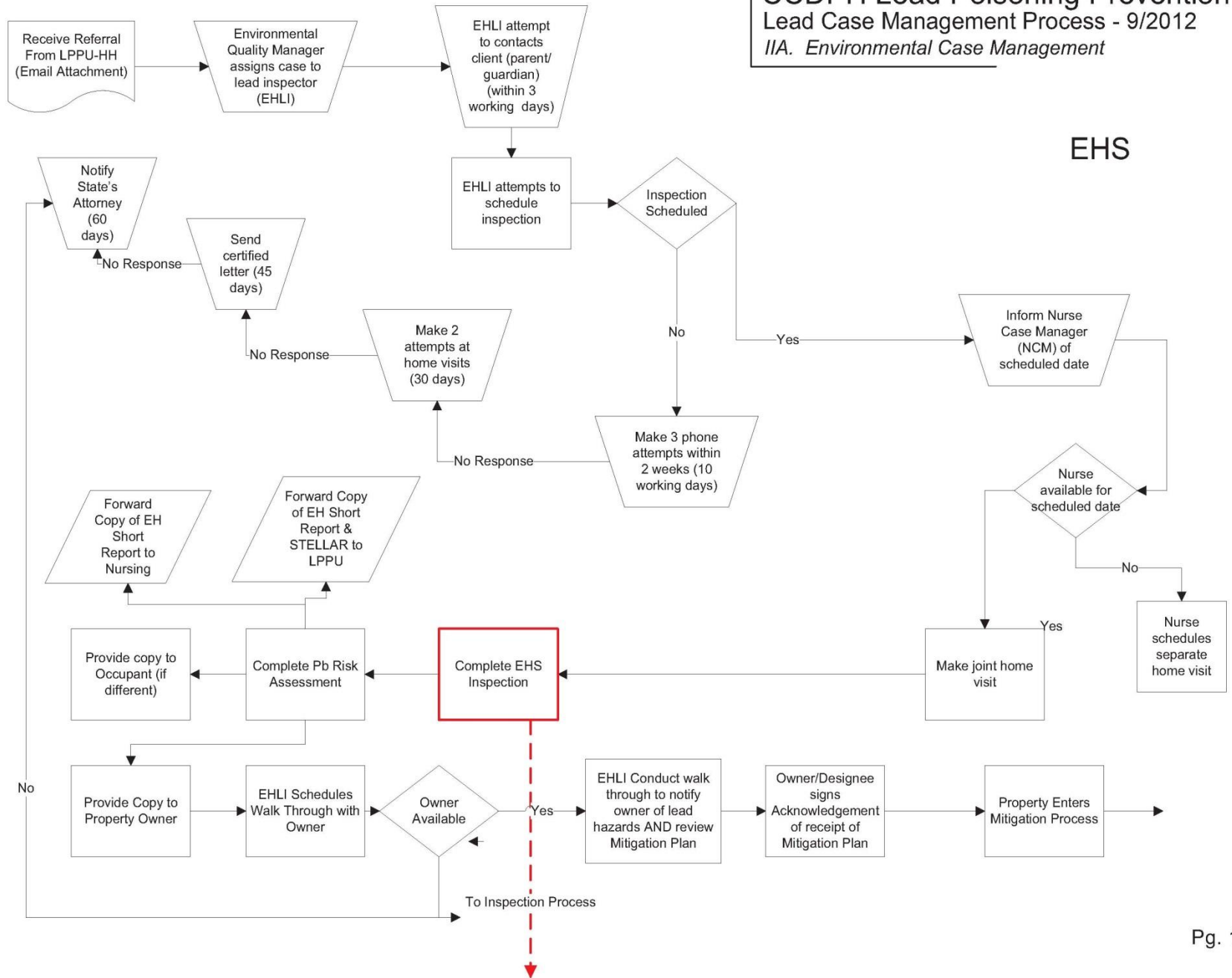
# Changes to Administrative Code

- Currently the administrative code is being revised to match the updates in the Act. Proposed changes include:
  - The addition of the testing and case management of pregnant woman
  - Home visits and environmental inspections of children through 6 years of age with EBL >10 mcg/dL
  - In the past, intervention dependent on EBL level AND age of child

# Nursing Case Management

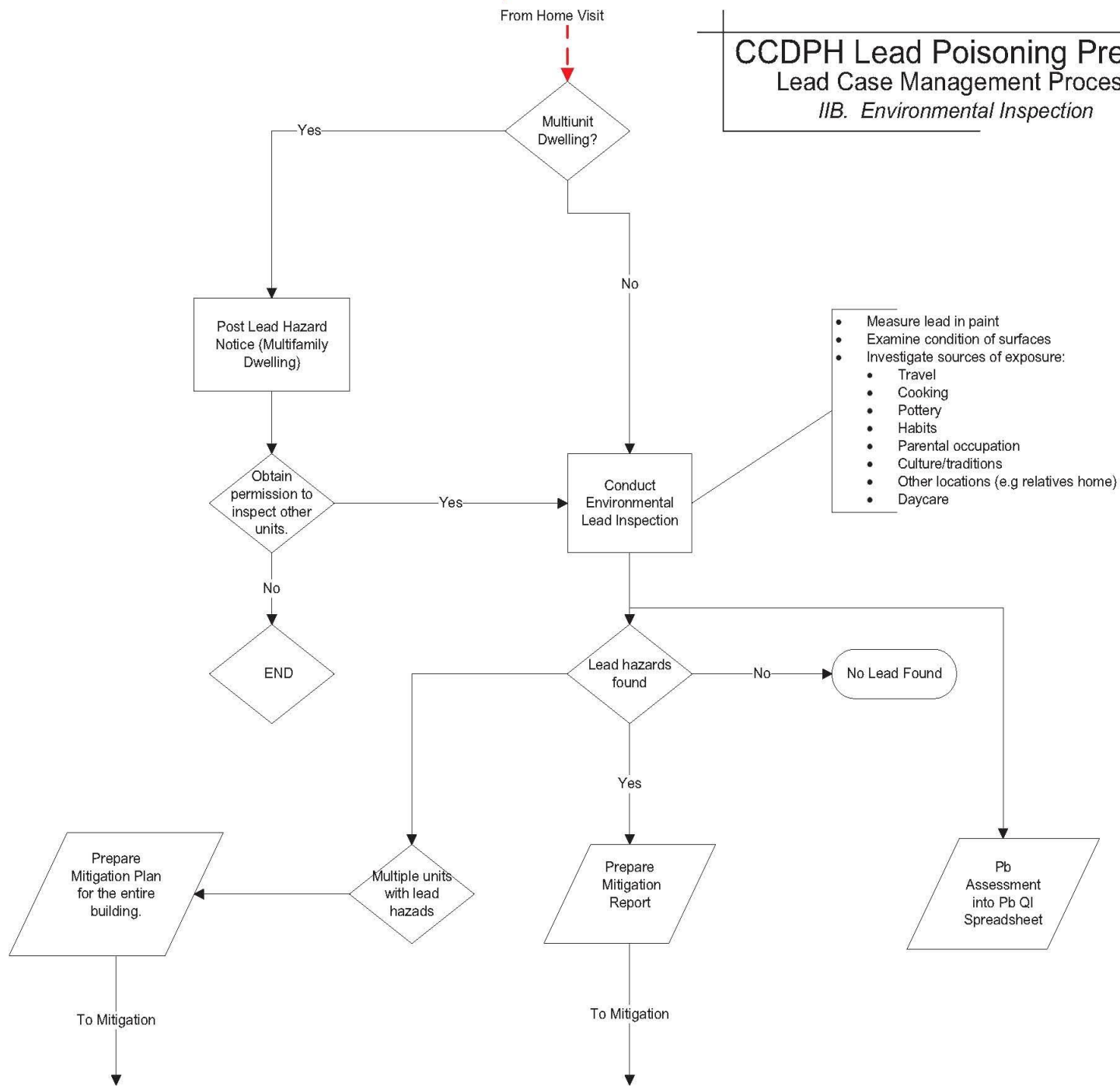
- Home visit and case management required for any child 6 years or younger and pregnant persons with a venous lead  $\geq 10$  mcg/dL. (LPPA and rule)
- All visits and follow-up conducted by RNs (requirement LPN)
- Initial home visit includes:
  - Nutritional, physical, behavioral, and developmental assessment and education
  - Referrals (WIC, Early Intervention, etc.)
- Case management:
  - Coordination with primary care provider
  - Case follow up until 2 test results under 10mcg/dL
  - Follow up on referrals given

# CCDPH Lead Poisoning Prevention Lead Case Management Process - 9/2012 IIA. Environmental Case Management



EHS

CCDPH Lead Poisoning Prevention  
 Lead Case Management Process - 9/2012  
 IIB. Environmental Inspection



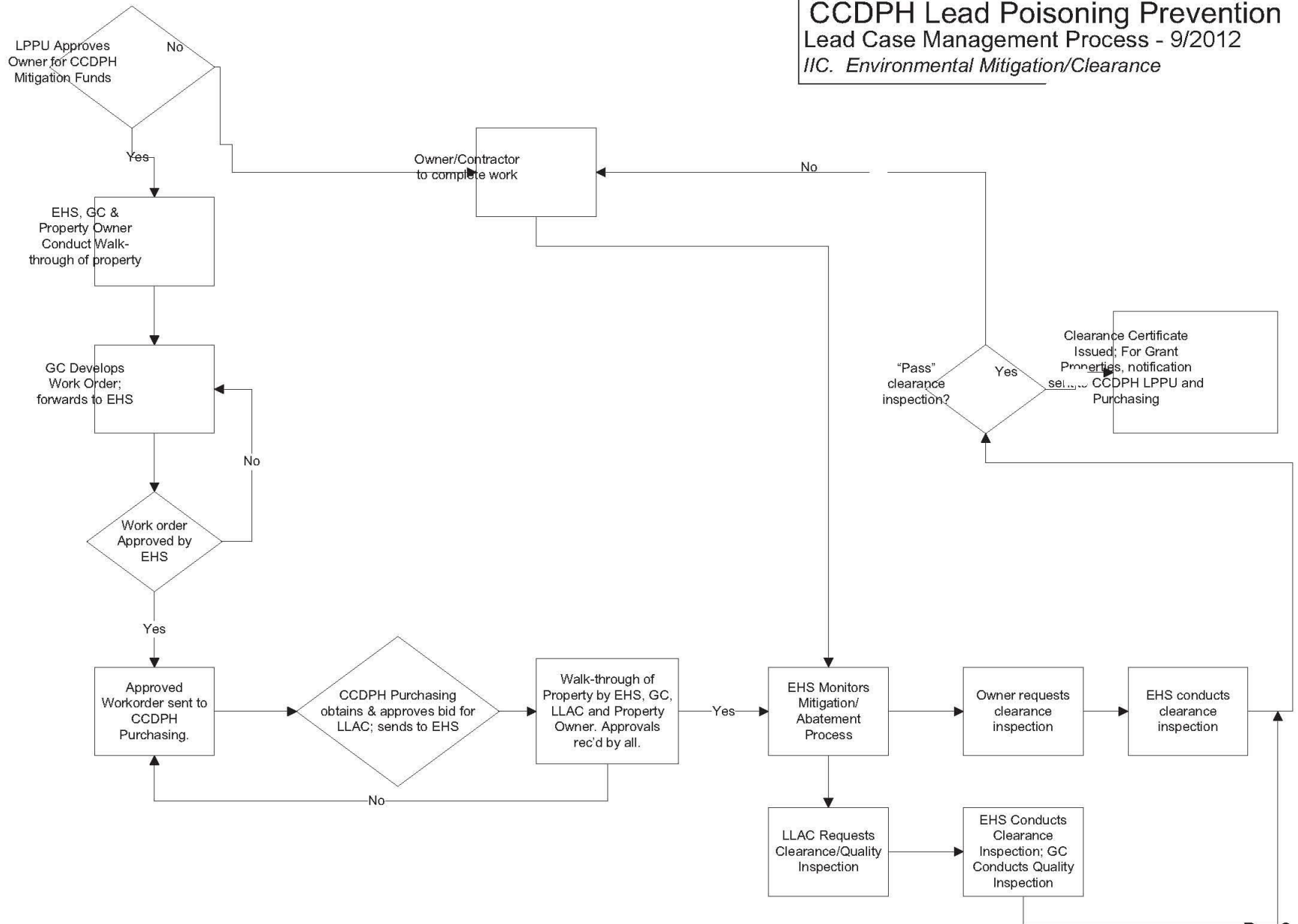
- Measure lead in paint
- Examine condition of surfaces
- Investigate sources of exposure:
  - Travel
  - Cooking
  - Pottery
  - Habits
  - Parental occupation
  - Culture/traditions
  - Other locations (e.g relatives home)
  - Daycare

# Mitigation

- Owner corrects with supervision by LRA
- Cook County Lead Poisoning Prevention Grant Program
  - Income-qualifying home owners receive abatement/mitigation
  - Over 1,000 remediated in 10 years
  - CCDPH coordinates work for suburban Cook County units
  - Grantees in 2016:
    - City of Chicago
    - City of Evanston
    - Village of Oak Park



# CCDPH Lead Poisoning Prevention Lead Case Management Process - 9/2012 IIC. Environmental Mitigation/Clearance



# Non-compliance

- Rare, due to grant program
- LPPA gives us authority as agents to seek enforcement through the Cook County states' attorney.
  - Class 4 felony for first offense
  - Class 3 felony for second offense
  - Fines up to \$5000/violation

# Looking Ahead

- Lead Poisoning Prevention Ordinance
- RFP
- Water testing for NLF