



SAGINAW
COUNTY
DEPARTMENT OF
PUBLIC HEALTH
HEALTHY HOMES
& LEAD HAZARD
CONTROL
PROGRAM

Bryant Wilke, Program Director
February 16, 2012

CONNECTION TO OUR 2009- 2012 STRATEGIC PLAN

*Vision Priority: We will make a measurable impact
in improving the health of our community.*

- The education on lead poisoning and healthy homes interventions will help families influence healthy lifestyle behaviors.
- Low cost ways will be designed to reduce and remove hazards in the home that people are exposed to that make children and adults sick.
- The workforce development component will increase job readiness capacity in the community and sustain efforts beyond the life of the grant.

SERVICE TO THE COMMUNITY

- The grant funds will be dedicated to the ZIP code areas of 48607, 48601 and 48602.
- Will produce 225 healthier and lead safe housing units within the city of Saginaw by February, 2014 (36 month grant).
- There will be 170 local contractor's coordinated through our partners to receive Renovation, Repair, and Painting (RRP) and healthy homes training.
- There will 10 section 3 individuals to receive lead supervisor training and certification.
- Business will be created for existing lead abatement contractors and two local window supply companies.
- Work will be done with local community organizations to create jobs.

STAFFING

- There are five staff in the Healthy Homes and Lead Hazard Control Program:
- 2 Environmental Health Specialist II
- 1 Care Management Nurse
- 1 Project Clerical
- 1 Program Manager

Several area partners:

- Circle of Love
- City of Saginaw
Department of
Development/Housing
Commission
- First Ward Community
Center
- Michigan State University
- Environmental
Maintenance Services
- Parishioners on Patrol
- Ezekiel Project of Saginaw
- Tava Consulting
- Saginaw City Prosecutor's
Office

ENVIRONMENTAL HEALTH SPECIALISTS

- Combination Lead Inspection/Risk Assessments
- EBL inspections
- Write specifications for lead hazard control projects
- Walk through with lead abatement contractors on work specifications
- Conduct initial site visits with homeowner and contractor
- Site visits while work is completed to verify construction standards and compliance with lead work
- Final lead clearances
- Site visit with homeowner to go through scope of work and verify work is adequately completed
- Final lead reports to homeowners

CARE MANAGEMENT NURSE

- Healthy homes assessment using Pediatric Environmental Home Assessment
- Creates a specific care plan for each family
- Case Management nurse for EBL children
- Assists homeowners with relocation issues during lead hazard control work
- Completes follow up on cases where children have asthma or lead issues
- Assists with healthy homes interventions for families
- Resource for linking families with additional program referrals

PUBLIC HEALTH IMPACT

- We expect to work on at least 25 houses that have children with Elevated Blood Lead Levels.
- The program will reduce the number of children with environmental health disparities such as childhood lead poisoning and asthma. It will control exposure to environmental hazards reducing future health issues.
- Provide education to families on healthy homes interventions through a healthy homes assessment which will improve their health and well-being.
- Care Management Nurse who will develop a care plan for the children if they have illness related to healthy homes.

GREEN AND HEALTHY HOMES INITIATIVES

- Energy star energy efficient windows installed on projects
- Providing compact fluorescent bulbs, HEPA vacuum cleaner, filter, carbon monoxide detector, and Fire extinguisher
- Healthy homes workshops for homeowners on window rehabilitation and lead safe work practices

PROGRAM FUNDING

- 3.1 Million dollars from U.S. Department of Housing and Urban Development
- \$784,996 of match leverage contributions committed by our partners.

BEFORE



AFTER



HEALTHY HOMES DEMONSTRATION GRANT

A research project of
University of Michigan School of Public Health
And
Saginaw County Dept of Public Health
Bryant Wilke-Director
Deborah Socier - Program Manager

CONNECTION TO SCDPH STRATEGIC PLAN

- We will make a measureable impact in improving the health of our community.
 - Break the link between unhealthy housing and unhealthy children.
 - Creation of a housing/neighborhood index.
 - Engagement and collaboration of community partners
 - Reduce asthma incidence rates and lead based paint hazards in the city of Saginaw.
 - Creating healthy homes beyond the life of the grant.

PARTNERS

- Faith Based Lead Poisoning Prevention Program
- First Ward Community Center
- Tri-County Asthma Coalition
- Ezekiel Project of Saginaw
- City of Saginaw Department of Development
- Synergy Medical Education Association
- Saginaw Landlords Association
- Michigan Public Health Institute
- TAVA Consulting

PROGRAM FUNDING

- HUD → UM → SCDPH
- \$454,844 over 3-year grant period, October 2008 thru September 2011.
- Extended to June 2012.

GRANT TARGET AREA

- City of Saginaw
 - ZIP code areas 48601, 48602, 48607
- Program is research-based. To qualify, must:
 - Live in one of 3 ZIP codes
 - Be a parent/guardian of child 12 years or less
 - Be a pregnant woman
 - Have lived in the home longer than 3 months
- Participation is dependant on Hazard Risk Index
- Includes Primary and Secondary Intervention

WHAT WE DO AND WHY?

- Survey of 644 homes in the target area
 - Learn about hazards making children sick
- Exterior housing assessments
- Development of Hazard Risk Index
- 200 chosen for primary prevention
 - Low cost methods to reduce and remove hazards
- Development of Housing/Neighborhood Index
- Case Management

HEALTHY HOMES INTERVENTIONS

- HEPA Vacuum/filter
- Trash can/garbage bags
- Allergen free cleaner, spray bottle, and bleach
- Outlet safety covers and safety gates
- Compact fluorescent bulbs
- First aid and asthma tool kit
- Bucket, mop, broom, dust pan, and sponges
- Carbon monoxide detector
- Smoke alarms
- Shower curtain and bath mat
- Fire extinguisher
- Mattress/pillow cover
- Mouse traps and roach bait
- Box fan
- Door matt
- Foam crack sealant

LEAD HAZARD CONTROL/HEALTHY HOMES PROJECT

- Replaced windows – LHC
- Repaired damaged walls – LHC
- Repaired damaged stairs - LHC
- Repaired water damaged ceiling/found source of moisture damage – HDD
- Replaced inadequate stair railing – HDD
- Damaged Fascia – LHC
- Installed siding over damaged tiles on exterior - HDD

