


Area Plan Commission Evansville-Vanderburgh County

TO: Media

FROM: Bradley G. Mills, CRS Coordinator 

DATE: September 24, 2010

SUBJECT: Annual Multi-Hazard Mitigation Plan Progress Report

The attached progress report is being submitted to you fulfilling the requirements for the City of Evansville and Vanderburgh County's continued participation and re-certification in the National Flood Insurance Program's (NFIP) Community Rating System (CRS).

This report is required annually since the City and County adopted a Multi-Hazard Mitigation Plan in December 2005. The Plan contains a Floodplain Management Element, which is required for the continued participation by the City and County in the CRS program. This is a requirement due to the fact that the City and County both have more than 10 unmitigated repetitive loss properties each. The City and County received CRS credit for adopting the Plan, and it allows our community to be eligible for Homeland Security Mitigation Grants.

Now that we have a Plan, to be re-certified the City and County must file the attached report on our efforts to implement, evaluate, and update the Multi-Hazard Mitigation Plan. Failure to submit this report with the annual recertification would result in the loss of the 10 percent flood insurance premium discount that City and County residents and businesses currently enjoy thru the CRS program.

The attached annual report evaluates the progress toward implementing the listed action items. The format of the report follows the five requirements outlined in the 2007 CRS Coordinator's Manual.

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2010

ANNUAL PROGRESS REPORT

FOR

THE EVANSVILLE - VANDERBURGH COUNTY

MULTI-HAZARD MITIGATION PLAN

This Report and Distribution Memo fulfills CRS Activity 510 Requirements.

1. A description of how the evaluation report was prepared and how it was submitted to the governing body, released to the media, and made available to the public.

- A. The progress report was coordinated and produced by Area Plan Commission staff. The content of the report was based upon discussion with and comments received from the department head of the lead office for each Action Item. The department heads for lead office were involved in the preparation of the Multi-Hazard Mitigation Plan.
- B. The progress report was submitted to the following:
- Hand delivered to the Common Council of the City of Evansville, the Mayor of the City of Evansville, the Board of Commissioners of Vanderburgh County;
 - Mailed to the Town Board of Darmstadt of Vanderburgh County; and
 - Faxed to the 1 print newspaper, 3 TV stations with local news, and 4 radio stations.

The report is also available to the public in the Area Plan Commission, Building Commission, and Emergency Management Agency offices; and on the Area Plan Commission website: <http://www.evansvilleapc.com/>.

2. How the reader can obtain a copy of the original plan.

The Evansville-Vanderburgh County Multi-Hazard Mitigation Plan is available to the public in the following locations:

- In the Central / Downtown Branch of the Public Library;
- In the Area Plan Commission, Building Commission and Emergency Management Agency offices (paper and CD copies can be obtained); and
- On the Area Plan Commission website: <http://www.evansvilleapc.com/>.

3. A review of each action item, including a statement on how much was accomplished during the previous year.

4. A discussion of why any objectives were not reached or why implementation is behind schedule.

ACCOMPLISHED

ACTION 7: *Update City and County Ordinances to coordinate design requirements of Detention/Retention Ponds.*

LEAD: Evansville City Engineer and Vanderburgh County Surveyor

SCHEDULE: Accomplished

STATUS: The City Engineering Dept.'s policy has been to follow the County Ordinance. Vanderburgh County has had an ordinance that addresses the design requirements for detention/retention ponds since 1994. No updates or revisions are currently anticipated.

ACTION 8: *Develop method for record keeping of levee maintenance efforts. Task requires coordination with the Levee Authority and U.S. Army Corps of Engineers, Louisville District.*

LEAD: Levee Authority

SCHEDULE: Accomplished semi-annual

STATUS: Accomplished. The U.S. Corps of Engineers makes bi-annual inspections. They send copies of their inspection reports to the Levee Board President and the Levee Superintendent. Copies of the reports are also forwarded to the Mayor. Once the Levee

Authority receives the reports, they begin remediation of the deficiencies. Copies of the reports are on file with the Levee Authority.

ACTION 17: *Develop a plan and schedule to modify and enhance the existing Building Code regulations to require hurricane clips with the intent of minimizing future damages from high winds and tornadoes.*

SCHEDULE: As installed

STATUS: Accomplished

Strengthen the Indiana 1 & 2 Family Dwelling Code for truss to wall connection requiring mechanical fasteners to be installed in wind exposure category B or greater areas. See attached copy of code citation 675 IAC 14-4.3-127.

ACTION 18: *Continue program with Habitat for Humanity to provide materials for strapping down hot water heaters and hurricane clips.*

SCHEDULE: As installed

STATUS: Accomplished

Revised - instead of providing materials, the code requirement was changed. The Indiana 1 & 2 Family Dwelling Code has been amended requiring all new water heaters installed to be strapped down in Seismic Zone C 1. See attached copy of code citation 675 IAC 14-4.3-148. For Hurricane clips, see status of Action 17.

ACTION 24: *Investigate the potential for utilizing the 211 system for Indiana.*

LEAD: Vanderburgh County Emergency Management Agency

SCHEDULE: Ongoing maintenance

STATUS: Accomplished

Evansville and Vanderburgh County has 211 service thru First Call For Help - United Way of Southwestern Indiana. Our program was accredited in 2006 by the Alliance of Information & Referral Systems (AIRS), the professional association of community information and referral (I&R) providers. See http://www.unitedwayswi.org/programs_services.php?page=call_center and attached copy.

PENDING

GOAL #1: *IMPLEMENT A COMPREHENSIVE PUBLIC EDUCATION CAMPAIGN REGRADING THE HAZARDS POSING SIGNIFICANT RISK TO EVANSVILLE AND VANDERBURGH COUNTY.*

ACTION 1: *Develop and Conduct a multi-hazard, seasonal Public Awareness Program that provides citizens and businesses with accurate information describing the risk and vulnerability to natural hazards, and is implemented on an annual basis.*

LEAD: Vanderburgh County Emergency Management Agency (EMA)

SCHEDULE: Ongoing continuously.

STATUS: EMA continues to:

- educate the public on the appropriate office or point of contact for hazard information;
- distribute Multi-Hazard Information and Emergency Preparedness pamphlets to residential sectors, specifically noting Habitat for Humanity; Local Apartment Associations; Realtor Association; Neighborhood Associations; Evansville Housing Authority; and the Town of Darmstadt;
- coordinate with Safety Activities at local businesses.
- coordinate with local churches for emergency planning and preparedness;

- utilize the Main Library as a distribution location for multi-hazard information and access point for digital/technology information;
- educate the local television, radio, and newspaper media on Multi-Hazard information, specifically noting driver safety education.

GOAL #2: REDUCE EXPOSURE TO HAZARD RELATED LOSSES, BEFORE AND AFTER DISASTER STRIKES

ACTION 2: *Incorporate the Hazard Identification and Management Strategies into the 2004–2025 Evansville and Vanderburgh County Comprehensive Plan.*

LEAD: Evansville-Vanderburgh County Area Plan Commission

SCHEDULE: Comprehensive Plan is scheduled for an update in 2011.

STATUS: To be incorporated after the Multi-Hazard Mitigation Plan is updated.

FLOODING

ACTION 3: *Develop Countywide Storm Water Master Plan to provide relief from run-off and flooding resulting from rainfall events.*

LEAD: Vanderburgh County Engineer

SCHEDULE: As funding becomes available.

STATUS: Specific drainage basin studies had been completed with none anticipated due to the lack of funding.

ACTION 4: *Based on existing City Storm Water Master Plan, develop formalized policies (level-of-service and extent-of-service) for maintenance of the storm water drainage system.*

LEAD: Board of Public Works for storm water lines

The Water and Sewer Utility for combined sewer lines

SCHEDULE: Within the next 3 years

STATUS: Plan to clean inlets and laterals on a 3-year cycle.

ACTION 5: *Define repetitive loss areas adjacent to the repetitive loss properties in order to identify problematic areas and educate appropriate residents on the flooding hazard.*

LEAD: **Revised to Area Plan Commission** from Building Commission

SCHEDULE: Annually review and update

STATUS: Repetitive loss properties continue to be reported. As new locations are added to this list, mitigation and education efforts are focused on these areas.

The Area Plan Commission has a GIS shape file of all of the repetitive loss properties and has mapped them. This allows the creation of zones around these properties to use for mailing educational materials to the residents within that zone.

ACTION 6: *Develop a property acquisition plan and associated policies to acquire prioritized properties in the repetitive loss areas.*

LEAD: **Revised to Area Plan Commission** from Building Commission

SCHEDULE: As funding becomes available.

STATUS: The Plan Committee has approached the Department of Metropolitan Development (DMD) to discuss funding source opportunities since they are experienced in grant writing and management.

EARTHQUAKES

ACTION 12: *Explore partnerships to provide retrofitting classes for homeowners, renters, building professionals, and contractors.*

LEAD: Building Commission and (*Deleted Southwest Indiana Disaster Resistant Community Corporation is no longer active*)

SCHEDULE: Ongoing

STATUS: Due to Department administrative changes this action will be reevaluated.

ACTION 13: *Investigate potential to include residential seismic requirements in the Building Code.*

LEAD: Building Commission

SCHEDULE: Ongoing

STATUS: We are one of the few states in the Midwest that have incorporated the International Residential Code seismic standards into our residential requirements. Although modified somewhat from the model code specifics, the Indiana Residential Code increased residential requirements, without having a major impact on the cost of construction. They actively participate in the State Code Review Committees to maintain minimum seismic standards.

ACTION 14: *Encourage purchase of earthquake hazard insurance throughout Vanderburgh County, including the City of Evansville and the Town of Darmstadt.*

LEAD: Vanderburgh County Emergency Management Agency

SCHEDULE: Ongoing Continuously

STATUS: EMA continues to educate the local television, radio, and newspaper media on Multi-Hazard information, specifically earthquake risks and insurance.

SEVERE WEATHER

ACTION 16: *Purchase and distribute NOAA weather radios throughout Vanderburgh County, including the City of Evansville and the Town of Darmstadt.*

LEAD: Vanderburgh County Emergency Management Agency

SCHEDULE: Ongoing

STATUS: Distributed 100 weather radios to lower income / high-risk families and households.

ACTION 19: *Continue efforts to train local contractors in tree trimming practices*

LEAD: City Arborist

SCHEDULE: Ongoing

STATUS: The Evansville City Arborist administers the Evansville Tree Pruner's Licensing Program. This program requires local tree pruners (arborists) to maintain a license to prune or remove trees in the City of Evansville. Free classes are given four times a year. Additional information is available on the Urban Forestry Department page of the City of Evansville's website (<http://evansvillegov.org/>); click government then city offices and departments. Example of class offering from the website is attached.

ACTION 20: *Continue coordination with (Deleted Southwest Indiana Disaster Resistant Community Corporation is no longer active) to select locations for tornado safe rooms. Potential sites are located throughout Vanderburgh County, including the City of Evansville and the Town of Darmstadt.*

LEAD: **Revised to include Building Commission,** Vanderburgh County Emergency Management Agency (*Deleted Southwest Indiana Disaster Resistant Community Corporation is no longer active*)

SCHEDULE: As funding becomes available

STATUS: As funding becomes available

GOAL #3: UTILIZE LATEST TECHNOLOGY AND DATA

ACTION 21: *Purchase and install stream gages and water table gages to provide flood-warning capabilities.*

LEAD: USGS

SCHEDULE: As Federal funding becomes available.

STATUS: We continue to be in contact with USGS about the National Stream Flow Information Program with the continued potential to install a monitoring gage on Pigeon Creek.

ACTION 22: *Investigate the potential for utilizing mass e-mailing system for information distribution regarding multi-hazard information.*

LEAD: Vanderburgh County Emergency Management Agency

SCHEDULE: Within the next five years

STATUS: Currently reviewing vendors and products with Central Dispatch.

ACTION 23: *Expand warning siren coverage into new areas as development and housing expand.*

LEAD: Vanderburgh County Emergency Management Agency

SCHEDULE: As funding allows

STATUS: Using our GIS, a gap analysis map has been created to better visualize unserved/uncovered areas with the City and County. Added four sirens this past year.

5. Recommendations for new projects or revised recommendations.

Related to Action # 1 - Print six copies of the Multi-Hazard Mitigation Plan to increase public access to the Plan. The proposed distribution would be to the McCollough (eastside), Oaklyn (northside), and Red Bank Road (westside) Branches of the Public Library, University of Evansville, Ivy Tech, and University of Southern Indiana Libraries.

Mitigation Category: Public Information

Lead: Evansville-Vanderburgh County Area Plan Commission

Priority (H, M, L): High

Cost Estimate: Existing budgets

Community Benefit: Increase public access to the Multi-Hazard Mitigation Plan

Potential Funding: None necessary within existing budgets

Schedule: This will be done as part of producing the updated plan.

Combine Action Items 9 and 10. Based upon discussions between Committee Members (Area Plan Commission, Building Commission and Emergency Management Agency) it was agreed upon that these two Action Items were so similar that they could be combined.

9: Complete a review of all historically proposed capital improvement projects and develop a priority list for implementation.

10: Based upon the completed CIP priority list and watershed studies, initiate design and construction of high priority capital improvement projects.

New Action Item:

Mitigation Category: Property Protection and Structural Project

Responsible Office: New - Lead is Water and Sewer Utility. In conjunction with County Surveyor and County Engineer

Priority (H, M, L): New - High

Cost Estimate: as described in attached newspaper article.

Community Benefit: Property Protection & EPA combined sewer separation court order

Potential funding: various sources as described in attached newspaper article.

Schedule: Within the next 5 to 10 years

STATUS: The Water and Sewer Utility Department has contracts for the design and construction of the southeast side combined sewer (CSO) separation projects. These projects were the result of the recommendations by the Storm Water Task Force and EPA combined sewer separation court order.

Since Vanderburgh County does not have a countywide drainage master plan, no capital improvement program currently exists for drainage projects so projects are individually addressed annually as funding allows.

Combine Action Items 11 and 15. Based upon discussions between Committee Members (Area Plan Commission, Building Commission and Emergency Management Agency) it was agreed upon that these two Action Items were so similar that they could be combined.

11. Investigate financial incentives for property owners to make seismic retrofits to existing buildings, particularly un-reinforced masonry structures, located within the earthquake hazard area

15. Pursue alternative funding sources for structural retrofits.

Revised Action Item: Investigate funding and incentives for seismic retrofits, particularly for owners of un-reinforced masonry structures.

Mitigation Category: SAME - Preventative Measure

Lead: SAME - Vanderburgh County Emergency Management Agency in Conjunction with Building Commission

Priority (H, M, L): New - Medium

Cost Estimate: SAME – Staff time / Existing budgets / University Research Project

Community Benefit: *SAME –*

Life-Safety; Continued community development within historical districts

Potential Funding: New - Local, state and federal sources

Schedule: *To be further reviewed and discussed in the Multi-Hazard Mitigation Plan update.*

New Action Item: Bridging the goals of public education and reducing hazard losses, the Community Emergency Response Team (CERT) training program has been established. Currently there are CERT trained people in organized into neighborhood, business, and University of Southern Indiana teams.

Mitigation Category: Public Education and Training

Lead: (Deleted *Southwest Indiana Disaster Resistant Community Corporation is no longer active*) and Emergency Management Agency

Priority (H, M, L): High

Cost Estimate: Staff time / business and State Government in-kind contributions / other sources

Community Benefit: Through CERT training residents enhance their individual and team's ability to prepare for, respond to, recover from, and mitigate against a disaster situation.

Potential Funding: As it becomes available

Schedule: As funding permits

Status: *To be further reviewed and discussed in the Multi-Hazard Mitigation Plan updated.*

Utility gets OK on sewer work

Council approves borrowing \$55 million to control flooding

By Dan Shaw

Originally published 08:25 p.m., June 14, 2010

Updated 11:46 p.m., June 14, 2010

Even without an increase in local sewer rates, work will start soon on a project meant to reduce flooding on Evansville's Southeast Side.

The City Council agreed today to let local utility officials borrow up to \$55 million for sewer projects. The bulk of the money raised will go to work meant to end the flooding that has plagued Southeast Side neighborhoods for decades.

But to pay off the total possible debt, the city must raise its sewer rates from the \$27.23 a month now charged to the "average" household, described as one that uses 5,000 gallons of water in that time, to \$32.95 a month by 2012. The council is to vote on the proposed increase when it meets at 5:30 p.m. July 12 in Room 301 of the Civic Center.

Councilman Curt John, D-at large, said the work to curtail flooding is overdue.

"If nothing else, this shows a good-faith effort, that we are trying to solve the problems long before we got on the City Council," he said.

Jim Garrard, interim director of the Water & Sewer Utility, said the city can start work on a couple of phases of the Cass Avenue project without having the rates in place to support up to \$55 million in debt. That work is to take a new line for rainwater down South Boeke Road and then east under Culverson Avenue.

Garrard the city's current rates are high enough to enable the city to pay off over time \$8 million of the roughly \$21.3 million needed for the Cass Avenue project.

That money is to come from Indiana's State Revolving Fund, which provides loans with low interest rates for various types of utility projects. Garrard said the city has won an approval to use the fund for the Cass Avenue but is fast approaching a state deadline mandating that the money be borrowed by the end of June.

Garrard said the State Revolving Fund will give Evansville an interest rate of about 3.1 percent. Altogether, eight projects are to be paid for using the \$55 million that utility

officials can now borrow.

Several of them may also qualify for the use of the State Revolving Fund, Garrard said. The money needed for the remaining projects will likely have to come from the open market, where Garrard said the prevailing interest rates are closer to 4 percent.

Garrard said the good news is that utility officials likely can postpone asking for another rate hike for 2 1/2 years at the earliest. That would put the next increase in line with the city's schedule for producing a plan detailing how Evansville will eliminate its practice of letting old sewer lines discharge into the Ohio River, Pigeon Creek and other public waterways after heavy storms. The frequency of those combined-sewer overflows prompted the U.S. Environmental Protection Agency and Department of Justice to sue the city in September.

Local sewer rates have risen four times since 1997, going from \$9.36 for the use of 5,000 gallons to the current \$27.23.

Councilman Dan Adams, D-at large, said his constituents are starting to complain of sewer bills that are rising too high too quickly.

"I'm getting the squeal factor," he said. "The slope of the improvements is getting to them."



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675 IAC 14-4.3-125.5 Section R802.10.3; bracing
Authority: IC 22-13-2-2; IC 22-13-2-13
Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

ACTION 17 &
18

Sec. 125.5. Change the last sentence of Section R802.10.3 to read as follows: In the absence of specific bracing requirements, trusses shall be braced in accordance with standard industry lateral restraint and diagonal bracing details. (*Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-125.5; filed Mar 6, 2008, 11:13 a.m.: 20080402-IR-675070483FRA*)

675 IAC 14-4.3-126 Section R802.10.4; alterations to trusses
Authority: IC 22-13-2-2; IC 22-13-2-13
Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 25-4; IC 25-31; IC 36-7

Sec. 126. Change the first sentence of Section R802.10.4 to read as follows: Truss members shall not be cut, notched, drilled, spliced, or otherwise altered in any way without the acceptance of an architect registered under IC 25-4 or a professional engineer registered under IC 25-31, the manufacturer of the truss members, or approval by the building official. (*Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-126; filed Jun 13, 2005, 3:00 p.m.: 28 IR 3281, eff 90 days after filing with the Secretary of State; filed Mar 6, 2008, 11:13 a.m.: 20080402-IR-675070483FRA*)

675 IAC 14-4.3-127 Section R802.10.5; truss to wall connection
Authority: IC 22-13-2-2; IC 22-13-2-13
Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 127. Add exceptions to Section R802.10.5 to read as follows: Exceptions:

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1. In exposure category B, 24" o/c maximum mono-pitch trusses up to 10' in length that are not girders. Such trusses shall be fastened with three 0.131" diameter x 3" long toenails at each bearing. Truss length shall be the horizontal projection of the truss including all overhangs.

2. In exposure category B, 24" o/c maximum trusses that are not mono-pitch trusses up to 30' in length that are not girders. Such trusses shall be fastened with three 0.131" diameter x 3" long toenails at each bearing. Truss length shall be the horizontal projection of the truss including all overhangs.

(*Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-127; filed Jun 13, 2005, 3:00 p.m.: 28 IR 3281, eff 90 days after filing with the Secretary of State; filed Mar 6, 2008, 11:13 a.m.: 20080402-IR-675070483FRA*)

675 IAC 14-4.3-128 Section R803.2.1; identification and grade
Authority: IC 22-13-2-2; IC 22-13-2-13
Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 128. Delete, from the first sentence of SECTION R803.2.1, "or certificate of inspection issued by an approved agency". (*Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-128; filed Jun 13, 2005, 3:00 p.m.: 28 IR 3281, eff 90 days after filing with the Secretary of State*)

675 IAC 14-4.3-129 Section R806.1; ventilation required
Authority: IC 22-13-2-2; IC 22-13-2-13
Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 129. Add an exception to Section R806.1 to read as follows: EXCEPTION: Mechanical ventilation is permitted provided the following conditions are met:

1. The installation complies with manufacturer's instructions.
2. A humidistat is included with the installation.
3. An ammeter or equivalent device is installed in a readily visible location.

(*Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-129; filed Jun 13, 2005, 3:00 p.m.: 28 IR 3281, eff 90 days after filing with the Secretary of State*)

675 IAC 14-4.3-130 Section R808.1; combustible insulation
Authority: IC 22-13-2-2; IC 22-13-2-13

675 IAC 14-4.3-146.3 Section M1601.3.6; duct separation

Authority: IC 22-13-2-2; IC 22-13-2-13

Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 146.3. Add two (2) sentences to the end of Section M1601.3.6 to read as follows: Metal ducts and ducts containing metal shall be isolated from corrugated stainless steel tubing by a space separation of at least 2 inches (51 mm). See also Section G2411.1. (Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-146.3; filed Mar 6, 2008, 11:13 a.m.: 20080402-IR-675070483FRA)

675 IAC 14-4.3-146.5 Section M1703.2.1; size of openings

Authority: IC 22-13-2-2; IC 22-13-2-13

Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 146.5. Change the first sentence of M1703.2.1 to read as follows: Where directly communicating with the outdoors, or where communicating with the outdoors by means of vertical ducts, each opening shall have a free area of at least 1 square inch per 4,000 Btu/h of total input rating of all appliances in the space. (Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-146.5; filed Mar 6, 2008, 11:13 a.m.: 20080402-IR-675070483FRA)

675 IAC 14-4.3-147 Section M2001.1; installation

Authority: IC 22-13-2-2; IC 22-13-2-13

Affected: IC 22-12; IC 22-13-2-9; IC 22-14; IC 22-15; IC 36-7

Sec. 147. Add SECTION M2001.1.2 to the end of SECTION M2001 to read as follows: Boilers and water heaters regulated by the Boiler and Pressure Vessel Rules Board (680 IAC 2) under IC 22-13-2-9 are not regulated by this code. (Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-147; filed Jun 13, 2005, 3:00 p.m.: 28 IR 3290, eff 90 days after filing with the Secretary of State)

675 IAC 14-4.3-148 Section M2005.5; anchorage of water heaters

Authority: IC 22-13-2-2; IC 22-13-2-13

Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 148. Add Section M2005.5 to the end of Section M2005 to read as follows: M2005.5 Anchorage of Water Heaters in Seismic Design Category C₁. In seismic design category C₁, water heaters shall be anchored or fastened to resist horizontal

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displacement due to earthquake motion as provided in Section M1307.2. (Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-148; filed Jun 13, 2005, 3:00 p.m.: 28 IR 3290, eff 90 days after filing with the Secretary of State; filed Mar 6, 2008, 11:13 a.m.: 20080402-IR-675070483FRA)

675 IAC 14-4.3-148.5 Section M2101.5; contact with building material

Authority: IC 22-13-2-2; IC 22-13-2-13

Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 148.5. Add two (2) sentences to the end of Section M2101.5 to read as follows: Metal hydronic piping shall be isolated from corrugated stainless steel tubing by a space separation of at least 2 inches (51 mm). See also Section G2411.1. (Fire Prevention and Building Safety Commission; 675 IAC 14-4.3-148.5; filed Mar 6, 2008, 11:13 a.m.: 20080402-IR-675070483FRA)

675 IAC 14-4.3-149 Section M2201.3; underground tanks

Authority: IC 22-13-2-2; IC 22-13-2-13

Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 149. Delete SECTION M2201.3 and substitute to read as follows: Excavations for underground tanks shall not undermine the foundations of existing structures.

Underground tanks shall be set on firm foundations and surrounded with at least 6 inches (152.4 mm) of noncorrosive inert material, such as clean sand or gravel well-tamped in place or in accordance with the manufacturer's installation instructions. Tanks shall be

ACTION 19

Urban Forestry Department

Welcome to Evansville, Indiana - Urban Forestry Department



Feel the Shade! as you are playing in the yard, or working outside, or even walking down the street, stop and feel the shade of one of the trees you are near. You will likely feel how much cooler it is under the shade rather than standing in the hot sun. Now, just think of the wonderful cooling properties a large shade tree can produce for a home and the energy savings they can provide!

Upcoming events:

Ordinance Compliance Seminar - Tree Pruner's (Arborist) Licensing