



Midwest States Risk Assessment Symposium November 3, 2009

Thomas W. Easterly, P.E., DEE, QEP
Commissioner, Indiana Department
of Environmental Management



Welcome to Indianapolis

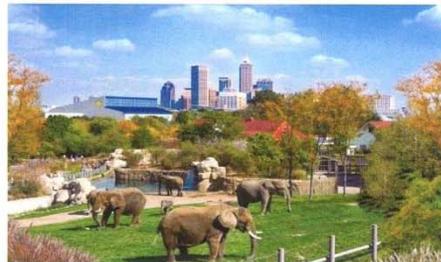
Indianapolis Attractions



Indianapolis Arts Garden



NCAA Hall of Champions



Indianapolis Zoo



Indiana State Museum



Welcome to Indianapolis

Indianapolis Attractions



**Indianapolis Motor Speedway
Hall of Fame Museum**



**Eiteljorg Museum of American Indians &
Western Art**



Indianapolis Museum of Art

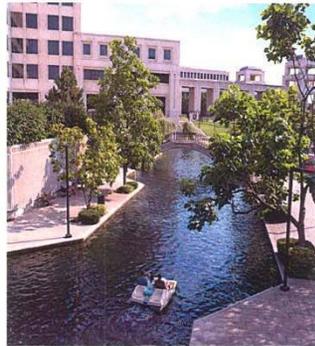


White River State Park

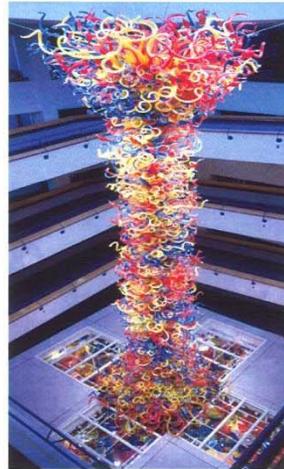


Welcome to Indianapolis

So Much to See

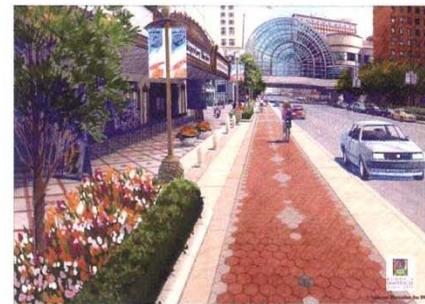


Central Canal
5.23 miles offering a walking/jogging path, pedal boats, gondola rides and beautiful scenery



The Children's Museum of Indianapolis

The world's largest children's museum that is entertaining for all ages



New Cultural Trail

7.5 mile world-class urban bike and pedestrian path opening in 2009



Welcome to Indianapolis

So Many Choices Downtown Restaurants Sizzle



200 restaurants within walking distance of hotels, including:

- 14 West
- Buca di Beppo
- Capital Grille
- Harry & Izzy's
- McCormick & Schmick's
- Mikado Japanese Restaurant
- Morton's
- Oceanaire
- P.F. Chang's
- Palomino
- Patachou on the Park
- Ram / Big Horn Brewery
- Rock Bottom
- St. Elmo Steak House



IDEM's Mission

We Protect Hoosiers and Our Environment

IDEM is responsible for protecting human health and the environment while providing for safe industrial, agricultural, commercial and governmental operation vital to a prosperous economy.



Indiana's Institutional Control Registry

- Institutional Controls are legal restrictions to cut off exposure to unacceptable risk posed by contamination left in place during a remedial action.
 - Environmental Restrictive Covenants (ERCs)
 - Environmental Restrict Ordinances (EROs)



New Emphasis on ICs

- A 2009 Indiana Law (P.L. 78-2009) requires Indiana's site specific risk assessments to: "take into account site specific factors, including remedial measures, restrictive covenants, and environmental restrictive ordinances that manage risk and control completed exposure pathways."



IC Challenges

- Institutional Controls not effective if no one knows about them
 - New owners/tenants may be unaware of ICs
 - Administrative records may be lost (not recorded properly, property subdivided, etc.)
 - Local government units and decision makers (planning, zoning, building permits, etc.) may be unaware of contaminated sites
 - Environmental regulators typically not involved with local redevelopment projects



IC Failures

- Puget Sound Naval Shipyard, “Do Not Dig” - contaminated soil excavated within 3 weeks of property transfer
- State audits
 - Rhode Island audit results ~19% of IC sites out of compliance for technical reasons
 - Kansas audit
 - Some owners unaware of ICs
 - 12% improperly filed
 - 68% met all IC conditions
 - Records lost, not tied to property, not carried over when property subdivided



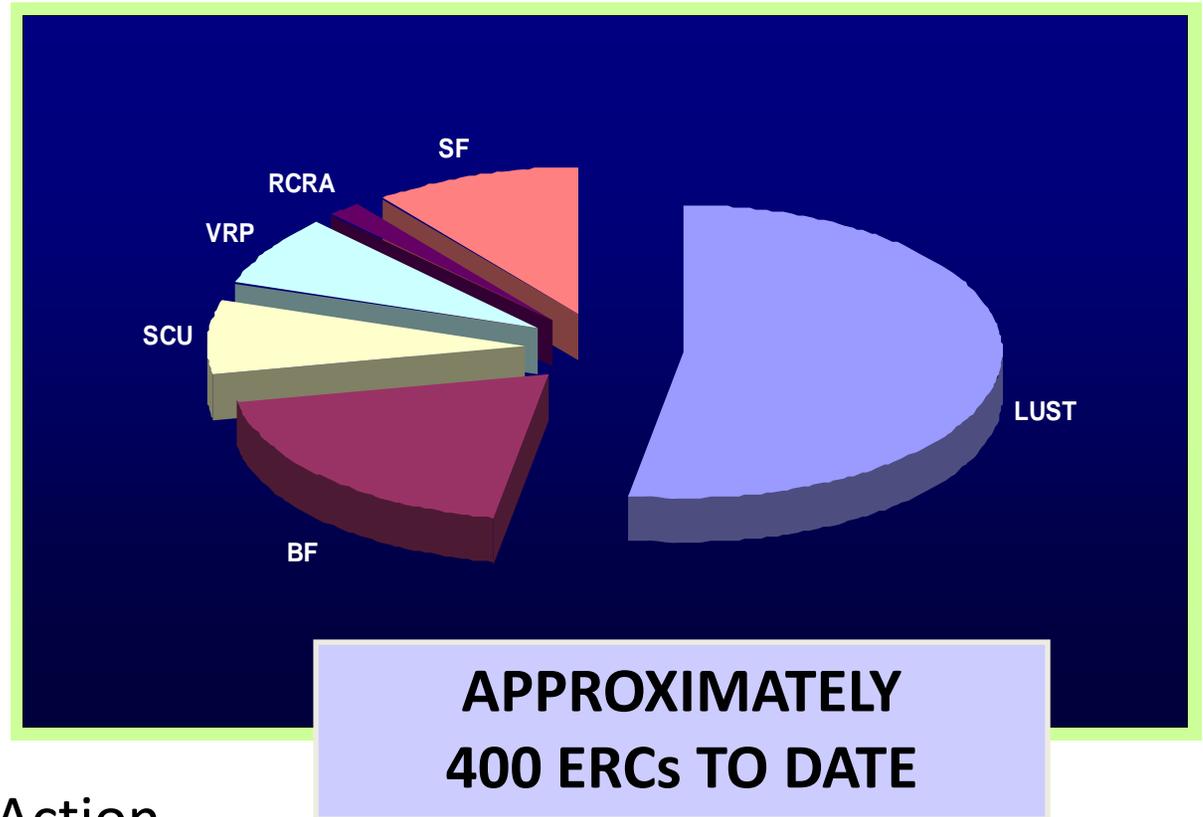
Why an IC Registry?

- To track when and where ICs established
 - Prior to 2008 IDEM had no comprehensive list of IC sites
 - The more contamination left in place, the higher the long term risk of exposure if ICs not monitored
- Recommended by EPA
 - Study found lack of easily available information on ICs
 - Study found significant number of ICs not in place
 - IDEM research found less than 50% in deed record search
 - Majority of states now have registries
- EPA Brownfield grant stipulates public record of IC sites; IC registries also eligible for EPA funding
- No comprehensive federal registry
- Provides notice to public and local government units



ERC Numbers by Program

- Indiana Brownfields Program
 - 76 ERCs
- LUST/ELTF
 - 207 ERCs
- VRP
 - 31 ERCs
- SCU
 - 31 ERCs
- Superfund/DERP
 - 41 ERCs
- RCRA – Corrective Action
 - 7 ERCs





IDEM IC Registry

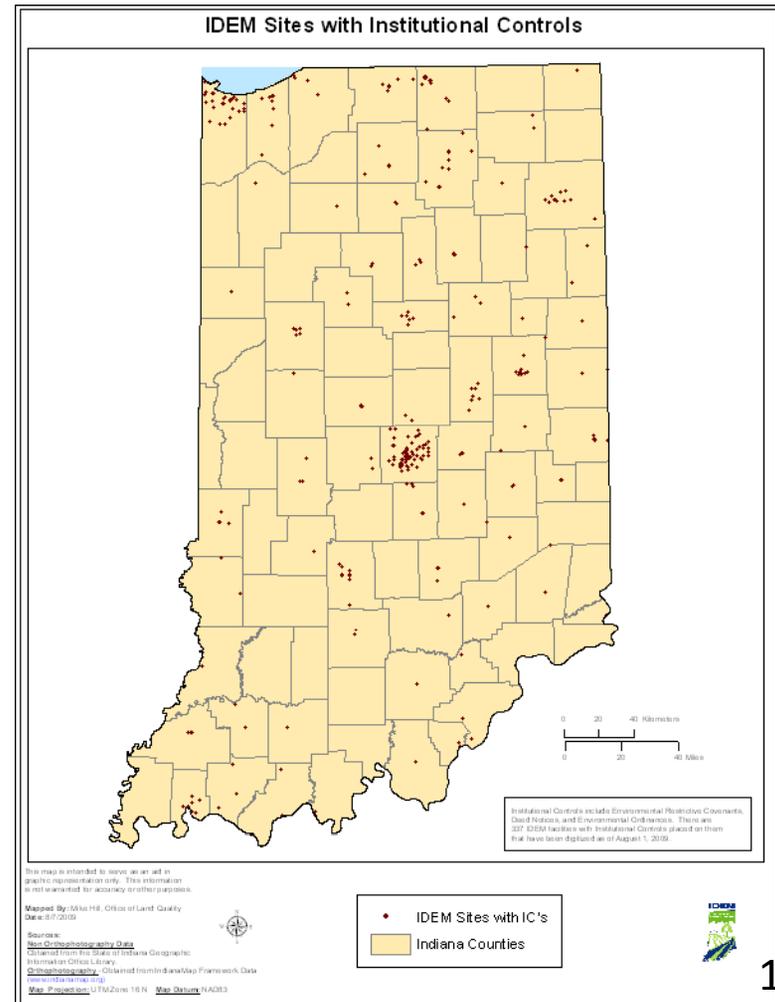
- Interim: Access Database
 - Rolled-out late 2008
 - Information tracked includes county, city, address, types of restrictions, engineering controls, county recorder information
 - Linked to electronic filing cabinet (VFC) and Indiana Map
 - Summary report compiled from database and updated on IDEM website monthly
 - Limitations
 - No way to search (query) – sort function only
 - ERC boundaries not required so maps limited
 - Change in ownership not required
- Long-term: TEMPO Software
 - IC module funded by EPA Brownfields grant
 - Development ~2010



IC Registry Summary Report

Available on-line at

www.in.gov/idem/5959.htm





Indiana Department of Environmental Management

- IDEM Home
- About
- Contact
- e-Services
- Funding
- News, Notices & Events
- Publications & Forms
- Resources
- Video and Audio Library
- Information For
 - Agriculture
 - Businesses & Consultants
 - Citizens
 - Educators
 - Government
 - Kids
 - Media
 - Researchers
- Environmental Information
- Your Community
- Your Environment
- Recycle Indiana
- Certifications & Training
- Compliance
- Environmental Cleanup
- Monitoring
- Permitting
- Reporting
- Rules, Statutes & Policies

Sign up to receive e-mail and wireless updates from IDEM



IDEM > Environmental Cleanup > Institutional Controls

Institutional Controls

Indiana's Department of Environmental Management (IDEM) Office of Land Quality has a variety of programs to address the clean up of contaminated land and groundwater. For example, one program focuses on leaking underground storage tank sites, and another on currently operating industrial sites.

IDEM uses the [Risk Integrated System of Closures \(RISC\)](#) to provide consistency across cleanup programs. For property owners or potentially responsible parties who are involved in a site's cleanup, RISC provides flexible procedures for conducting site assessments, consistent risk-based closure goals, and flexible cleanup alternatives including remediation to land use based standards.

When any amount of contamination above a residential closure level is left on site, a legal measure called an [Institutional Control \(IC\)](#) may be needed. An IC protects human health and the environment by restricting property activity, use, or access. As an example, the RISC guidance may allow a site to be remediated only to levels appropriate for industrial or commercial uses. In this case, an IC would be required that would restrict the use of the property to non-residential purposes in the future.

A list of sites with ICs, called the [IDEM Institutional Controls \(IC\) Registry \[PDF\]](#), is now available for viewing on IDEM's Risk Integrated System of Closure (RISC) website. When fully populated, this registry will provide a list of all sites where RISC guidelines allowed for a risk-based closure with some type of land use restrictions or engineering controls after remediation.

The IC Registry is being rolled out in phases as site records get scanned in IDEM's [Virtual File Cabinet](#). IDEM cleanup programs listed in the IC Registry include the [Leaking Underground Storage Tanks Program](#), [Voluntary Remediation Program](#), [State Cleanup Program](#), RCRA Corrective Action, [Federal Programs](#), and the Indiana Brownfields Program (administered by the [Indiana Finance Authority](#)).

The IC Registry will assist in IC tracking efforts and provide public information on cleanup sites in Indiana communities. Information included will help visitors locate and visualize IC sites in the state. The IC Registry includes information such as the site address, county, city, IDEM cleanup program overseeing the project, and the types of land use restrictions applicable for the site. The registry also has interactive features including a link to view the actual IC document using IDEM's [Virtual File Cabinet](#), and, where available, Internet mapping technology for an aerial view of the site.

Institutional Controls

An Institutional Control (IC) is a legal measure that protects human health and the

Online Services
FIRST IN LINE EVERY TIME

- Acronyms List
- Enforcement Database
- Online Air Permit Search
- Publication Catalog
- Real-Time Monitoring
- Regulatory Services Portal
- Safe Drinking Water Information Search
- Virtual File Cabinet
- Wastewater Certification Renewal

More Online Services »
Subscriber Center »

Stay Connected

- RSS Feeds
- Twitter
- YouTube
- Facebook



Top FAQs

I Want To...

1. What should I do with my old computers and electronics?
2. Where can I recycle?
3. What are "Pay-as-You-Throw" programs?
4. How can I get funding for recycling programs?
5. What is "household

- Options x
- Bookmarks
- Adams County
 - Allen County
 - Bartholomew County
 - Benton County
 - Blackford County
 - Boone County
 - Carroll County
 - Cass County
 - Clark County
 - Decatur County
 - Delaware County
 - Dubois County
 - Elkhart County
 - Fayette County
 - Floyd County
 - Franklin County
 - Fulton County
 - Gibson County
 - Grant County
 - Hamilton County
 - Hancock County
 - Harrison County
 - Hendricks County
 - Henry County
 - Howard County
 - Huntington County
 - Jackson County
 - Jasper County
 - Jay County
 - Jennings County
 - Johnson County
 - Knox County
 - Kosciusko County
 - La Porte County
 - Lake County
- Pages
- Attachments
- Comments



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF LAND QUALITY

Institutional Controls Registry 337 Properties Listed

List sorted by County, City, Program Area then Facility Program ID Number.

The content of this Institutional Controls Registry is for informational purposes only. Although IDEM takes steps to ensure that site information is correct and complete, errors and omissions may occur. The information contained in the IC Registry is summarized from project files. To obtain additional information, IDEM advises the user to search the [Virtual File Cabinet](#) electronic filing system using the site IDEM Program Area and identification number or to request assistance through the [Registry](#).

The "Map" link will open the IndianaMap viewer to the general vicinity of the property. Problems with the IndianaMap viewer should be reported to the Indiana Geological Survey.

The "View" link will open IDEM's Virtual File Cabinet viewer in a separate browser window.

Please report any errors, concerns, or general comments to the [Registry](#).

Adams County City of Decatur

CLARK OIL 1922 (Program ID: 2948) 205 ADAMS RD, Decatur 46733

Open Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
	LUST	Environmental Restrictive Covenant	SubSurface Soil Ground Water	02/20/2007	Second VFC: 24014786
View Document	Control Method	Coverage	Chemicals of Concern	Comments	
	Excavation Notice Required	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons	Do not excavate soils below 4 feet anywhere on site without submitting a work plan for approval by IDEM 30 days prior to work.	
	Ground Water Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)		
	Residential Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons		

IDEM Program Areas:
 BF = Indiana Brownfields Program (IFA) HW = Hazardous Waste (RCRA) SW = Solid Program Program SF = Superfund (CERCL/NPL)
 DERP = Defense Environmental Restoration Program LUST = Leaking Underground Storage Tank SCU = State Cleanup VRP = Voluntary Remediation Program



IC Summary Report Contents

Delaware County continued

MINNENIUM PLACE III & IV (Program ID: 4050003)

Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
	BF	Environmental Restrictive Covenant	Ground Water	8/12/2005	S JEFFERSON ST & E 3RD ST, Muncie 47304

View	Control Types	Control Method	Coverage	Chemicals of Concern	Comments

Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
	LUST	Environmental Restrictive Covenant	SubSurface Soil Ground Water	5/30/2007	311 W ST JOSEPH ST, Muncie 47303

View	Control Types	Control Method	Coverage	Chemicals of Concern	Comments

County

MINNESTRITA CENTERS (Program ID: 13157)

Site Name

Address and City

Food Crop Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons			
Excavation Notice Required	Portion of property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons			Do not excavate soils in affected area below 8 feet deep without submitting a work plan for IDEM approval at least 30 days prior to work.
Ground Water Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)			
Residential Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons			

JOHNSONS MEADOWS MARATHON (Program ID: 13157) 811 W JACKSON ST, Muncie 47305

Program Area	IC Type	Affected Media	Date IC Recorded	Description
LUST	Environmental Restrictive Covenant	Ground Water SubSurface Soil	10/31/2005	

View	Control Types	Control Method	Coverage	Chemicals of Concern	Comments



Program ID

Delaware County continued

MILLENNIUM PLACE III & IV (Program ID: 4050003) S JEFFERSON ST & E 3RD ST, Muncie 47304

Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
View	BF	Environmental Restrictive Covenant	Ground Water	8/12/2005	
<i>Control Types</i>	Control Method	Coverage	Chemicals of Concern	Comments	
	Ground Water Use Restriction	Entire Property	Metals - Inorganic		

OLQ Program

(Program ID: 12426) 111 W ST JOSEPH ST, Muncie 47303

Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
View		Environmental Restrictive Covenant	SubSurface Soil Ground Water	5/30/2007	
<i>Control Types</i>	Control Method	Coverage	Chemicals of Concern	Comments	
	Agricultural or Food Crop Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons		
	Cap - Paved (EC)	Portion of property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons		

Date Recorded

IC Type

	Residential Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons		Do not excavate soils in affected area below 8 feet deep without submitting a work plan for IDEM approval at least 30 days prior to work.
--	-----------------------------	-----------------	--	--	---

JOHNSONS MEADOWS MARATHON (Program ID: 13157) 811 W JACKSON ST, Muncie 47305

Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
View	LUST	Environmental Restrictive Covenant	Ground Water SubSurface Soil	10/31/2005	
<i>Control Types</i>	Control Method	Coverage	Chemicals of Concern	Comments	
	Agricultural or Food Crop Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)		
	Excavation Notice Required	Entire Property	Petroleum (Includes BTEX and MTBE)		Do not excavate soil in affected area below 5 feet deep without submitting a work plan to IDEM at least 30 days prior to work.
	Ground Water Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)		
	Residential Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)		



Delaware County continued

MILLENNIUM PLACE III & IV (Program ID: 4050003)

Map	Program Area	IC Type	Affected Media	Comments
View	Control Types	Control Method	Coverage	Chemicals of Concern
	Ground Water Use Restriction	Entire Property	Metals - Inorganic	

Affected Media

MINNESTRISTA CENTERS (Program ID: 12426)

311 W ST JOSEPH ST, Muncie 47303

Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
View	Control Types	Control Method	Coverage	Chemicals of Concern	
	Agricultural or Food Crop Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons		
	Cap - Paved (EC)	Portion of property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons		
	Excavation Notice Required	Portion of property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons		Do not excavate soils in affected area below 8 feet deep without submitting a work plan for IDEM approval at least 30 days prior to work.
	Ground Water Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons		

Contaminant Class

Restriction or Engineering Control

Comments

Map	Program Area	IC Type	Affected Media	Comments
View	Control Types	Control Method	Coverage	Chemicals of Concern
	Excavation Notice Required	Entire Property	Petroleum (Includes BTEX and MTBE)	Do not excavate soil in affected area below 5 feet deep without submitting a work plan to IDEM at least 30 days prior to work.
	Ground Water Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)	
	Residential Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)	



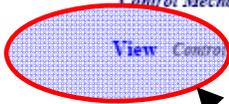
Delaware County continued

MILLENIUM PLACE III & IV (Program ID: 4050003) S JEFFERSON ST & E 3RD ST, Muncie 47304

Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
View	BF	Environmental Restrictive Covenant	Ground Water	8/12/2005	
<i>Control Types</i>	Control Method	Coverage	Chemicals of Concern	Comments	
	Ground Water Use Restriction	Entire Property	Metals - Inorganic		

MINNESTRISTA CENTERS (Program ID: 12426) 311 W ST JOSEPH ST, Muncie 47303

Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
View	LUST	Environmental Restrictive Covenant	SubSurface Soil Ground Water	5/30/2007	
<i>Control Types</i>	Control Method	Coverage	Chemicals of Concern	Comments	
	Agricultural or Food Crop Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons		
	Cap - Paved (EC)	Portion of property	Petroleum (Includes BTEX and MTBE)		



Click 'View' to open document in VFC

JOHNSONS MEADOWS MAI 811 W JACKSON ST, Muncie 47305

Map	Program Area	IC Type	Affected Media	Date IC Recorded	Description
View	LUST	Environmental Restrictive Covenant	Ground Water SubSurface Soil	10/31/2005	
<i>Control Types</i>	Control Method	Coverage	Chemicals of Concern	Comments	
	Agricultural or Food Crop Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)		
	Excavation Notice Required	Entire Property	Petroleum (Includes BTEX and MTBE)	Do not excavate soil in affected area below 5 feet deep without submitting a work plan to IDEM at least 30 days prior to work.	
	Ground Water Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)		
	Residential Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)		

14/1/07
#28

Environmental Restrictive Covenant

THIS COVENANT is made this 26 day of February, 20 07, by Mr. Todd Stanfield, 849 W. Main Street, Greenfield, Indiana (together with his successors and assignees, collectively "Owner").

WHEREAS: Owner owns certain real estate in the County of Hancock, Indiana, which is more particularly described in the attached Exhibit "A" and made a part hereof ("Real Estate"), which Real Estate was acquired by deed on September 15, 2004, and recorded on September 17, 2004, as Deed Record 040013977, in the Office of the Recorder of Hancock County, Indiana.

WHEREAS: A corrective action plan was prepared and implemented in accordance with IC 13-23, IC 13-24, and/or other applicable Indiana law as a result of a release of petroleum or regulated substances (collectively, "contaminants of concern") relating to the Former Clark Station Number 1581 and Incident Number 199805508 which affected the Real Estate. The Premcor Refining Group, Inc. implemented certain response activities at the Real Estate, including the following: groundwater monitoring, high-vacuum extraction events, and monitored natural attenuation.

WHEREAS: The corrective action plan, as approved by the Indiana Department of Environmental Management ("Department"), provides that contaminants of concern will remain in the groundwater and/or in the soil of the Real Estate and requires land use restrictions that must be maintained to ensure the protection of public health, safety, or welfare, and the environment. Both benzene and methyl-tertiary butyl ether have been detected in on-site groundwater in excess of evaluation criteria, and Total Petroleum Hydrocarbons have been detected in approximately 500 cubic yards of on-site soil in excess of evaluation criteria, and remain on-site. Those areas where the contaminants of concern remain on the Real Estate are termed the

Document Viewer 21793376 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://12.186.81.89/fnjavaview.aspx?DocID=%2021793376>

II. RESTRICTIONS AND OBLIGATIONS

8. The Owner shall:

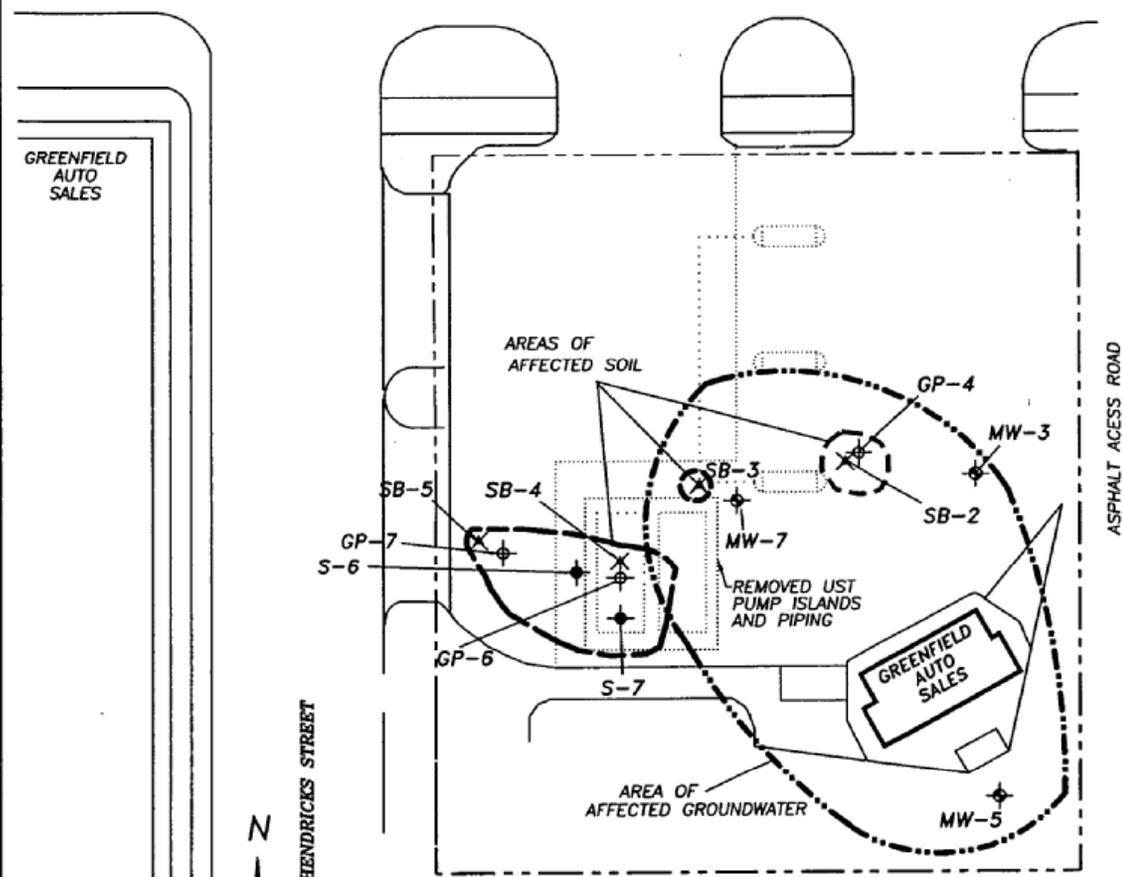
- a) Prohibit any activity at the Real Estate that may interfere with the response activities, long-term monitoring, or measures necessary to assure the effectiveness and integrity of any response action, or component thereof, selected and/or undertaken at the Real Estate.
- b) Not use the Real Estate for residential purposes, including, but not limited to, daily care facilities (e.g., daycare centers, schools and senior citizen facilities).
- c) Not use the Real Estate for agricultural purposes.
- d) Neither engage in nor allow the installation or use of drinking water wells on the Real Estate. There shall be no consumptive, extractive or other use of the groundwater underlying the Real Estate that could cause exposure of humans or animals to the groundwater underlying the Real Estate, other than for site investigation and/or remediation purposes, without prior Department approval.

Specific Restriction Language (no residential use, etc).

Neither engage in nor allow excavation of soil below 36 inches in the Affected Areas of the Real Estate as depicted on Exhibit "B" without first submitting a work plan for approval

Page 5 of 18...

22



GREENFIELD
AUTO
SALES

AREAS OF
AFFECTED
SOIL

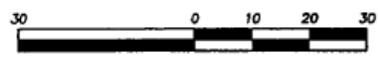
ASPHALT ACCESS ROAD

HENDRICKS STREET

REMOVED UST
PUMP ISLANDS
AND PIPING

AREA OF
AFFECTED GROUNDWATER

GREENFIELD
AUTO
SALES



APPROXIMATE SCALE: 1" = 30'

ocarbon/Premcar/#1561/drafting



Delaware County continued

MILLENNIUM PLACE III & IV
[Map](#) Program Area
 Control Mechanism BF
[View](#) Control Types Control Metho
 Ground Water Us

Click 'Map' to open aerial photo in IndianaMap

MINNESTRISTA CENTERS (1

Program Area	IC Type	Affected Media	Date IC Recorded	Description
<i>Control Mechanism</i> LUST	Environmental Restrictive Covenant	SubSurface Soil Ground Water	5/30/2007	
<i>View</i> <i>Control Types</i>	<i>Control Method</i>	<i>Coverage</i>	<i>Chemicals of Concern</i>	<i>Comments</i>
	Agricultural or Food Crop Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons	
	Cap - Paved (EC)	Portion of property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons	
	Excavation Notice Required	Portion of property	TPH - Total Petroleum Hydrocarbons	Do not excavate soils in affected area below 8 feet deep without submitting a work plan for IDEM approval at least 30 days prior to work.
	Ground Water Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)	
	Residential Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE) TPH - Total Petroleum Hydrocarbons	

JOHNSONS MEADOWS MARATHON (Program ID: 13157) 811 W JACKSON ST, Muncie 47305

Program Area	IC Type	Affected Media	Date IC Recorded	Description
<i>Control Mechanism</i> LUST	Environmental Restrictive Covenant	Ground Water SubSurface Soil	10/31/2005	
<i>View</i> <i>Control Types</i>	<i>Control Method</i>	<i>Coverage</i>	<i>Chemicals of Concern</i>	<i>Comments</i>
	Agricultural or Food Crop Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)	
	Excavation Notice Required	Entire Property	Petroleum (Includes BTEX and MTBE)	Do not excavate soil in affected area below 5 feet deep without submitting a work plan to IDEM at least 30 days prior to work.
	Ground Water Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)	
	Residential Use Restriction	Entire Property	Petroleum (Includes BTEX and MTBE)	

Map Search/Query Draw Map Output Download Help

0 50 100 ft

Tool Mode: **Zoom In** Active Layer: **Counties** Scale 1:

Active Layer: Counties

- REFERENCE
- DEMOGRAPHICS
- INFRASTRUCTURE
- ENVIRONMENT/BIOLOGY
- HYDROLOGY
- GEOLOGY

AutoRefresh Map

09.01.2009

Two coal-related layers showing "[Mines - Surface](#)" and "[Mines - Underground](#)" have been updated with information current through 2008. These layers can be found in the following folder: GEOLOGY > Coal Geology. If you are a user of these data, you may wish to re-download them.

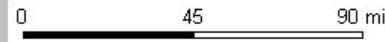
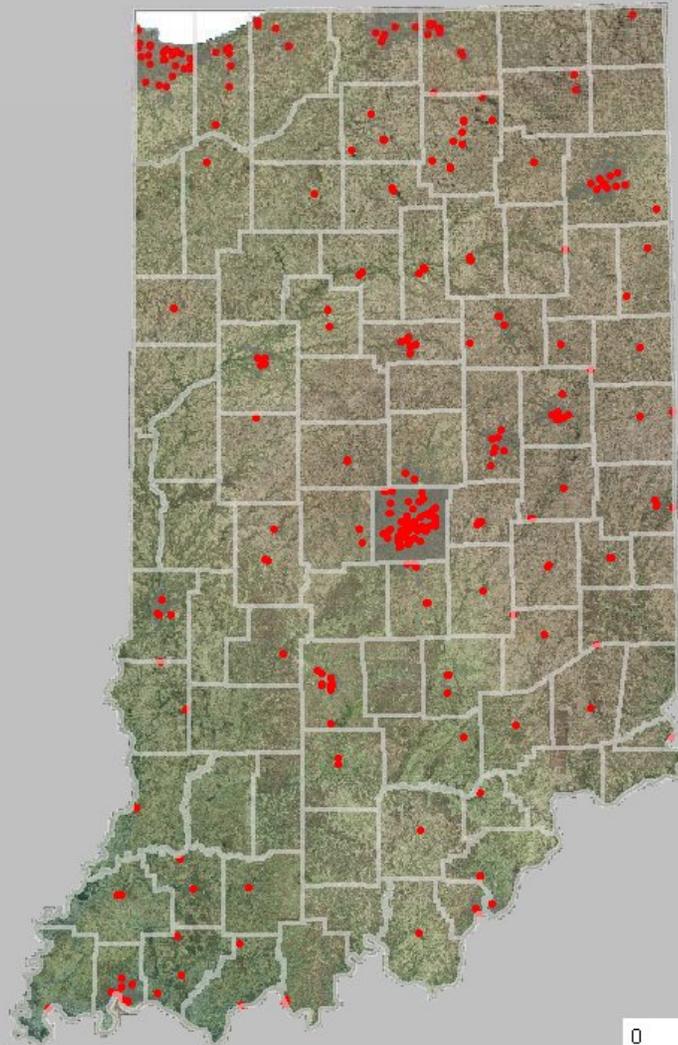
The layer named "[Institutional Control Sites](#)," provided by the Indiana Department of Environmental Management, Office of Land Quality, has been updated. There are now 337 sites contained in the layer. This layer can be found in the following folder: ENVIRONMENT/BIOLOGY > Environment. If you are a user of these data, you may wish to re-download this layer.

The layer named "[Water Wells \(IDNR\)](#)"



IndianaMap Partners

Map Search/Query Draw Map Output Download Help



- Active Layer: Counties
- Roads
 - Bridges - County and
 - Bridges - System 1 (INDO
 - Highways (INDOT)
 - Interstates (TIGER)
 - Mile Markers - System
 - Ramps (INDOT)
 - Address Points (IDHS)
 - Street Centerlines (ID
 - Roads (TeleAtlas- lab
 - Roads (TeleAtlas - un
 - Roads 2005 (INDOT -
 - Roads 2005 (TIGER -
 - Roadways (INDOT)
 - Scenic Byways
 - Traffic Counts (INDOT)
 - Traffic Zone Analysis
 - Other Infrastructure
 - ENVIRONMENT/BIOLOGY
 - Agriculture & Land Cover
 - Environment
 - Brownfields
 - Cleanup Sites
 - Composting Facilities
 - Confined Feeding Operati
 - Construction Demolition W
 - Corrective Action Sites
 - Industrial Waste Sites
 - Institutional Control Sites
 - Leaking UG Storage Tank:
 - Manufactured Gas Plants
 - NPDES Facilities
 - NPDES Pipe Locations
 - Old Landfills
 - Open Dump Waste Sites

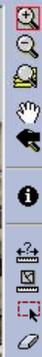
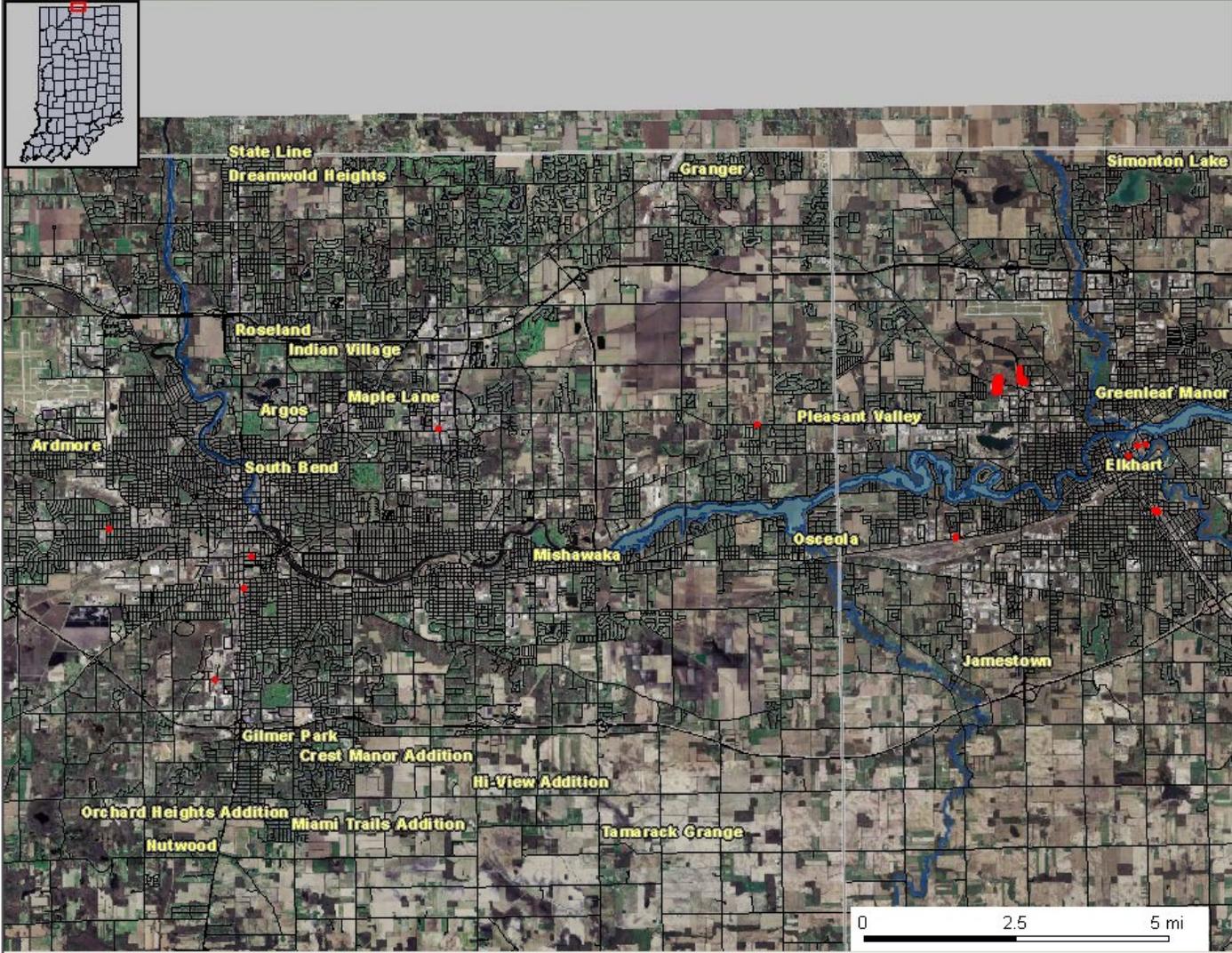
Tool Mode: Zoom In Active Layer: Counties

Scale 1: 2415167 Zoom



IndianaMap Partners

Map Search/Query Draw Map Output Download Help



Active Layer:

- Counties
 - m d s Roads 2005 (INDOT)
 - m d s Roads 2005 (TIGER)
 - m d s Roadways (INDOT)
 - m d Scenic Byways
 - m d Traffic Counts (INDOT)
 - m d Traffic Zone Analysis
- Other Infrastructure
- ENVIRONMENT/BIOLOGY
- Agriculture & Land Cover
- Environment
 - m d Brownfields
 - m d Cleanup Sites
 - m d Composting Facilities
 - m d Confined Feeding Operati
 - m d Construction Demolition W
 - m d Corrective Action Sites
 - m d Industrial Waste Sites
 - m d Institutional Control Sites
 - m d Leaking UG Storage Tank
 - m d Manufactured Gas Plants
 - m d NPDES Facilities
 - m d NPDES Pipe Locations
 - m d Old Landfills
 - m d Open Dump Waste Sites
 - m d Restricted Waste Sites
 - m d Septage Waste Sites
 - m d Solid Waste Landfills
 - m d Superfund Sites
 - m d Tire Waste Sites
 - m d Underground Storage Tan
 - m d Voluntary Remediation Pr
 - m d Waste Transfer Stations
 - m d Waste Treatment Storage
- Management Areas & Misc.
- HYDROLOGY
- CEOLOGY

Tool Mode: Zoom In Active Layer: Counties

Scale 1: 130520 Zoom

Map Coordinates: 580256 m E, 4620791 m N (UTM Zone 16 NAD83) -- 86°02'05.7" W, 41°44'05.6" N



IndianaMap Partners

Map Search/Query Draw Map Output Download Help

Tool Mode: **Pan** Active Layer: **Institutional Control Sites** Scale 1: 29720 Zoom

Active Layer:

Institutional Control Sit...

Roads

- m d S Bridges - County and
- m d Bridges - System 1 (INDO
- m d Highways (INDOT)
- m d Interstates (TIGER)
- m d S Mile Markers - System
- m d Ramps (INDOT)
- m d S Address Points (IDHS)
- m d S Street Centerlines (ID
- m d S Roads (TeleAtlas- lab
- m d S Roads (TeleAtlas- un
- m d S Roads 2005 (INDOT -
- m d S Roads 2005 (TIGER -
- m d S Roadways (INDOT)
- m d Scenic Byways
- m d Traffic Counts (INDOT)
- m d Traffic Zone Analysis

Other Infrastructure

ENVIRONMENT/BIOLOGY

Agriculture & Land Cover

Environment

- m d Brownfields
- m d Cleanup Sites
- m d Composting Facilities
- m d Confined Feeding Operati
- m d Construction Demolition W
- m d Corrective Action Sites
- m d Industrial Waste Sites
- m d Institutional Control Sites
- m d Leaking UG Storage Tank:
- m d Manufactured Gas Plants
- m d NPDES Facilities
- m d NPDES Pipe Locations
- m d Old Landfills
- m d Open Dump Waste Sites

Map Search/Query Draw Map Output Download Help

0 300 600 ft

Tool Mode: **Identify** Active Layer: **Institutional Control Sites** Scale 1:

Map Coordinates: 637486 m E, 4449569 m N (UTM Zone 16 NAD83) -- 85°23'05.9" W, 40°11'07.4" N

Active Layer:
Institutional Control Sit...

Identify Results
[Back to Layers](#)

1 feature(s) have been identified in layer
Institutional Control Sites

Feature 1
 FACILITY_I 4050003
 FACILITY_N MILLENIUM PLACE III & IV
 STREET_ADD S JEFFERSON ST & E 3RD ST
 CITY Muncie
 COUNTY Delaware
 REGULATORY Brownfields Program
 CLOSURE_TY Comfort Letter
 IC_TYPE Environmental Restrictive Covenant
 IC_ID 115
 DATE_IC_RE Fri, 12 Aug 2005 00:00:00
 CONTROL_ME GW Use;
 AFFECTED_M Ground Water;
 CONTAMINAN Metals - Inorganic;
 RESTRICTIO Entire Property;
 COMMENTS
 IC_VFC_ID 15308159
 VFC_URL <http://12.186.81.89/frjavaview.aspx?DocID=15308159>
 area 20617.00227752
 len 724.628036450007



IDEM

We Protect Hoosiers and Our Environment

Land



Questions?

Tom Easterly
Commissioner

Indiana Department of Environmental Management

317-232-8611

teasterly@idem.in.gov