HAZARDOUS WASTE SITE INVENTORY

Along East Fork White River
City of Columbus, Bartholomew County, Indiana

Created For: CORE PLANNING STRATEGIES

Created By: BF&S Butler Fairman Seufert CIVIL ENGINEERS

August 10, 2016

INTRODUCTION:

Butler, Fairman and Seufert, Inc. was contracted by CORE Planning Strategies, LLC to create a Hazardous Materials Site Inventory for a defined area along the East Fork White River in the City of Columbus, Bartholomew County, Indiana. The purpose of this inventory is to identify known and suspected sites within the study area that may make development within the study area complicated due to the actual, or perceived, presence of environmental contamination.

STUDY AREA:

The defined study area for this investigation is shown on Attachment 1. In general, the study area includes both sides of East Fork White River starting at a point approximately 0.8 mile upstream (north) of the westbound State Road 46 Bridge, and ends at a point approximately 0.7 mile downstream (south) of the westbound State Road 46 Bridge.

METHODOLOGY:

A multi-tiered approach was used to identify potential hazardous waste sites within the study area. This approach included a review of all hazardous waste related layers on the IndianaMap website (http://maps.indiana/edu/) within the study area. The Indiana Department of Environmental Management's Virtual File Cabinet (IDEM VFC) was also reviewed for pertinent documentation related to the identified sites. Finally, a site reconnaissance was also completed, which included visual observations made within the study area.

FINDINGS:

Based on a review of the hazardous waste layers on IndianaMap, the following sites were identified.

Hazardous Waste Sites This table indicates the number of sites of concern found within the study area, including an explanation of each site found. If there are no sites within the study area, then "N/A" is listed.			
Brownfield Sites	N/A	Corrective Action Sites (RCRA)	N/A
State Cleanup Sites	N/A	**Superfund Sites**	**1**
Voluntary Remediation Program	**1**	Institutional Control Sites	N/A
Manufactured Gas Plant Sites	**1**	**Industrial Waste Sites**	**1**
Underground Storage Tank Sites	**3**	Leaking Underground Storage Tank Sites	N/A
Confined Feeding Operations	N/A	Septage Waste Sites	N/A
Construction Demolition Waste	N/A	Infectious/Medical Waste Sites	N/A
Lagoon/Surface Impoundments	N/A	Open Dump Sites	N/A
Restricted Waste Sites	N/A	**Solid Waste Landfills**	**3**
Tire Waste Sites	N/A	Waste Transfer Stations	N/A
Waste Treatment, Storage, and Disposal Sites (TSDs)	N/A	**NPDES Facilities**	**1**
NPDES Pipe Locations	**2**		

Superfund Sites:

There is one (1) Superfund Site mapped within the study area. The site, identified on IndianaMap as "Columbus Old City Landfill", is mapped almost entirely within the study area - on the west bank of East Fork White River and south of the westbound State Road 46 Bridge.

Voluntary Remediation Program:

There is one (1) Voluntary Remediation Program site mapped within the study area. The site, identified on IndianaMap as "Indiana Gas/Columbus MGP", is mapped on the east bank of East Fork White River, approximately 0.3 mile north of the westbound State Road 46 Bridge.

Manufactured Gas Plant Sites:

There is one (1) Manufactured Gas Plant Site mapped within the study area. The site, identified on IndianaMap as "Indiana Gas/Columbus MGP", is mapped on the east bank of East Fork White River, approximately 0.3 mile north of the westbound State Road 46 Bridge.

Industrial Waste Sites:

There is one (1) Industrial Waste Site mapped within the study area. The site, identified on IndianaMap as "Goodyear Auto Service Center", is mapped on the southeast corner of the intersection of Lindsay Street and 2nd Street.

Underground Storage Tank Sites:

There are three (3) Underground Storage Tank Sites mapped within the study area. One site, identified on IndianaMap as "Goodyear Auto Service Center", is mapped on the southeast corner of the intersection of Lindsay Street and 2nd Street. Another site, identified on IndianaMap as "Columbus Engineering Inc.", is mapped 0.1 mile east of East Fork White River between Water Street and 1st Street. The third site, identified by IndianaMap as "Columbus Waste Water Treatment Plant (WWTP)", is mapped 0.2 mile east of East Fork White River on the south side of Water Street.

Solid Waste Landfills:

There are three (3) Solid Waste Landfills mapped within the study area. One landfill is located almost entirely within the study area on the west side of East Fork White River, south of the westbound State Road 46 Bridge. The site is referred to on IndianaMap as, "Columbus Old City Landfill". A second landfill site, referred to on IndianaMap as "Suspected Old City Landfill", is mapped on the east side of East Fork White River, and is shown as being roughly bound by Water Street to the south, Brown Street to the west, Lafayette Avenue to the east and 1st Street to the north. Another site, referred to by IndianaMap as "Columbus WWTP Sludge MSW Landfill", is mapped approximately 0.1 mile east of East Fork White River, on the south side of Water Street.

National Pollutant Discharge Elimination System (NPDES) Facilities:

There is one (1) NPDES Facility mapped within the study area. According to IndianaMap, "City of Columbus WWTP" is mapped approximately 0.1 mile east of East Fork White River, on the south side of Water Street.

NPDES Pipe Locations:

There are two (2) NPDES Pipe Locations mapped within the study area, both on the east side of East Fork White River. According to IndianaMap, both pipes are associated with, "City of Columbus WWTP". One pipe is marked as being "inactive", and is mapped approximately 250 feet south of Water Street. Another pipe is marked as being "active", and is mapped approximately 450 feet south of Water Street.

The following is a summary of the history and current status of the identified Hazardous Waste Sites as determined from a review of the IDEM VFC.

Columbus Old City Landfill (Attachments 2-42)

History

- Site operated as a landfill from 1938-1966
- Designated a National Priority List (NPL) site in 1986
- Remedial Investigation and Feasibility Study approved 1990/1991
- IDEM assigned as the lead agency for the site 1992
- Remedial design and remedial actions initiated in 1993 (including leachate seep inspections, groundwater monitoring and use restrictions, and placement of a clean soil cover over the site)
- Declaration of Restrictions and Covenants Upon Real Estate placed on the south portion of the site (9.7 acres) in 1993
- Remediation construction completed 1994
- Perimeter fence installed 1999
- 5-year Monitoring Reports by IDEM completed in 1999, 2005, 2010
- Environmental Restrictive Covenant (ERC) placed on the north portion of the site in 2010
- Site declared "site-wide ready for reuse" in 2012
- Final closeout report for site completed in 2013
- 5-year Monitoring Reports by IDEM completed in 2014
- Site deleted from the NPL in 2014

Current Status

- The site continues to be protected by Institutional Controls in the form of two ERCs placed on the property (one in 1993, and one in 2010). A summary of the site restrictions, which run with the property in perpetuity, is provided below.

<u>1993 Declaration of Restrictions (voluntarily by Marie Weber, Linda O'Connor and Albert Suhre Trust)</u>

- There is to be no interference with improvements on the site related to remedial actions
- Groundwater exposure and use at the site is prohibited for any use other than for approved remedial actions
- The site cannot be used for any other purpose including agricultural, recreational, residential, commercial or industrial, including any movement of soil or construction of structures related to the above uses, unless such construction is approved, in writing, by IDEM and the USEPA

<u>2010 ERC (between City of Columbus, Cummins Inc., IDEM and USEPA)</u>

- Same as 1993 ERC summary above
- The security fence at the site cannot be removed
- Emergency repairs to sewers located within the site are permitted under certain conditions (as listed in the ERC)

- The site, south of the eastbound State Road 46 Bridge, appears to be currently owned by O'Connor Farms LLP, Linda Ann O'Connor and Webco West LLC.
- The site north of the eastbound State Road 46 Bridge appears to be currently owned by the City of Columbus Board of Public Works and Safety.

Suspected Old City Landfill (shown on Attachments 2 and 92)

History

- There is no IDEM ID number and no available files within the IDEM VFC.

Current Status

- The site appears to be split into three separate parcels, one owned by B&D Holdings LLC, another owned by the City of Columbus, and another owned by Thelma Johnson.

Columbus WWTP Sludge MSW Landfill/327 Water St (Attachments 43-48)

History

- The site had three active underground storage tanks that were in use prior to 1980 (one 1,000 gallon diesel tank, one 4,000 gallon gasoline tank, and one 8,000 gallon gasoline tank).
- Records indicate the tanks were permanently closed in 1992, with the diesel tank being removed from the ground, and the two gasoline tanks closed in place.
- No records could be found indicating that confirmatory samples of soil and/or groundwater were taken at the UST locations.

Current Status

- The site appears to have been closed in recent years with most of the above ground structures and paved driving areas within the property removed. One metal barn remains, which is located in the northeast corner of the property. The barn is surrounded by security fence with gated entry. The site is currently owned by the City of Columbus.

Indiana Gas / Columbus MGP (Attachments 49-75)

History

- The site operated as a manufactured gas plant from 1870 to 1930, before being sold to Indiana Gas and Water in 1945 and then the City of Columbus in 1969.
- The site was turned into a park in the late 1980s, and was then redesigned to be the current Mill Race Park in the early 1990s.
- The portion of the site where former MGP operations were undertaken (south of Carl Miske Drive and west of Lindsey Street) has undergone several investigations and remedial actions from 1994 to 2012, including soil removal and groundwater monitoring.
- An ERC was placed on the site in 2013 prohibiting, among other things, future site use for residential and child care facilities, groundwater use, and agricultural use.

Current Status

- The site appears to be owned by the City of Columbus and is an actively used greenspace area within Mill Race Park.

Goodyear Auto Service Center/123 Second St (Attachments 76-90)

History

- An underground storage tank (for used oil) was removed from the site in 1988.
- The Goodyear store closed in 2000 and became Columbus Tire Center.
- IDEM sent a letter to Tipton Park Offices, Inc. in 2014 requesting a file update regarding a 500 gallon underground storage tank at the site with unknown contents.

Current Status

- The site appears to have been recently redeveloped as medical offices and is currently owned by Tipton Park Offices Inc.

Columbus Engineering Inc./15 Brown St (Attachments 91-96)

History

- From 1955 to 2000, this site operated as a metal fabrication shop.
- The site apparently had one 500 gallon underground storage tank in use from the 1960s until 1991, when it was reported to be removed from the ground. No records of soil or groundwater testing of the site subsequent to underground storage tank removal could be found.

Current Status

- The site appears to be owned by the City of Columbus with aboveground structures from the previous metal fabrication operations remaining on site.

CONCLUSIONS:

Columbus Old City Landfill

It appears that remedial actions at this site have been finalized. The site continues to be visually inspected annually by Cummins Inc., and every five years by IDEM. According to the ERC documents in place for the site, no alterations to the use of the site can occur without approval from IDEM and USEPA. Given the past investigations and remedial actions at the site, no additional hazardous materials investigations (Phase I Environmental Site Assessment (ESA), or Phase II ESA) appear to be necessary at this time.

Suspected Old City Landfill

According to the IDEM Office of Land Quality, this site is suspected to be part of an old city landfill; however, no other governmental records regarding the site could be found as part of this investigation. Should development of this site be considered, it is recommended that a Phase I ESA, and likely a Phase II ESA, be completed in order to better define the conditions present in the soil and groundwater.

Columbus WWTP Sludge MSW Landfill

According to the IDEM Office of Land Quality, this site is classified as a Municipal Solid Waste Landfill. No specific records about past landfill activities and current disposition of the site could be found as part of this investigation. IDEM VFC records indicate that this site had three USTs in operation at one time, and that one UST was removed, while the other two were closed in place – all three tanks were reported as being permanently closed in 1992. There are no records outlining the specific actions taken during the closure activities, including if any confirmatory sampling of the site was completed to see if any of the

tanks had leaked. Should development of this site be considered, it is recommended that a Phase I ESA, and likely Phase II ESA, be completed in order to better define the conditions currently present in the soil and groundwater.

Indiana Gas/Columbus MGP

It appears that remedial actions at this site have been finalized. According to the ERC document in place for the site, no alterations to the use of the site can occur without approval from IDEM and USEPA. Given the past investigations and remedial actions at the site, no additional hazardous materials investigations (Phase I Environmental Site Assessment (ESA), or Phase II ESA) appear to be necessary at this time.

Goodyear Auto Service Center

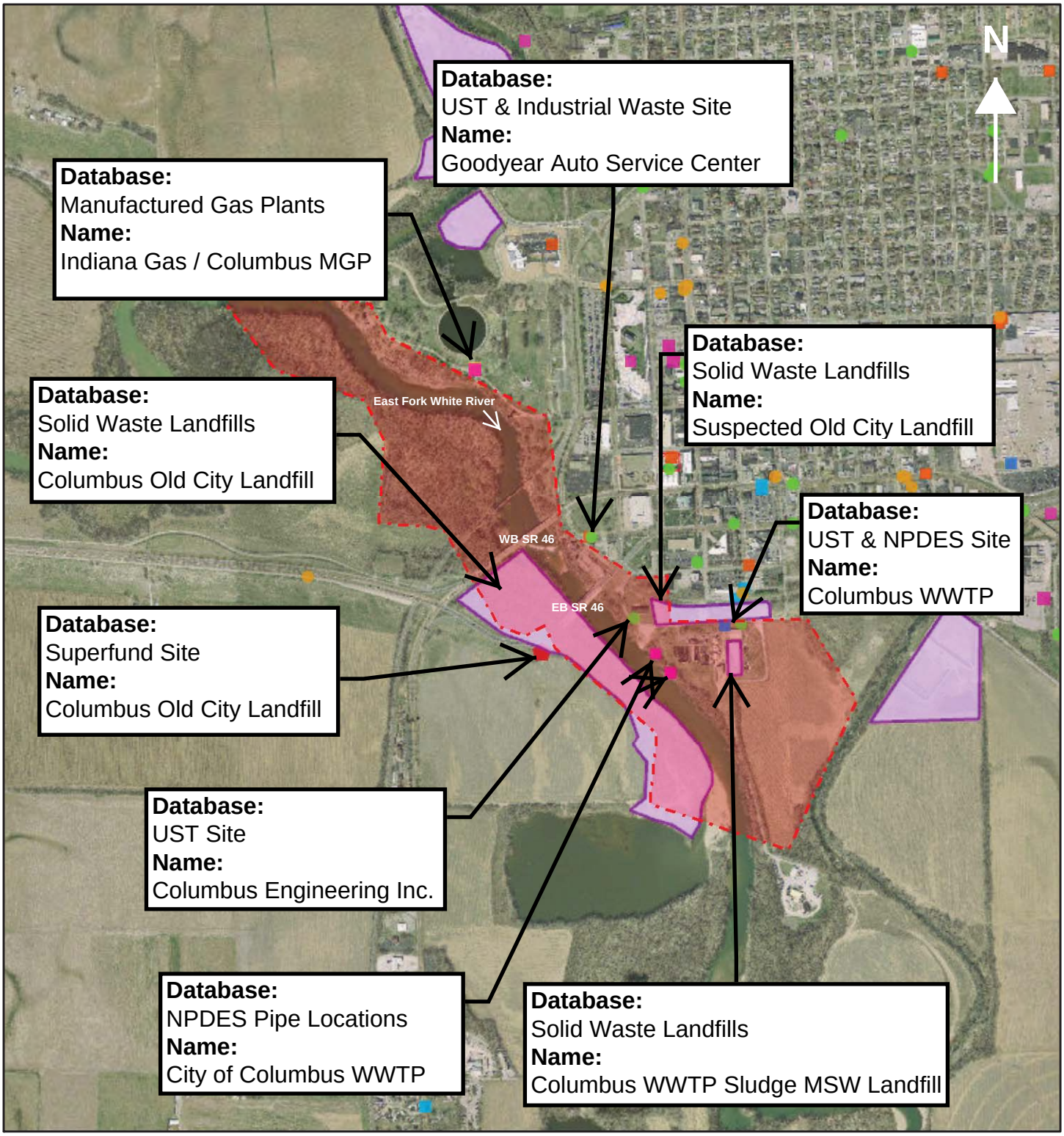
IDEM VFC records indicate that a 500 gallon UST was removed from the site in 1988. This site was recently redeveloped into an office park. It appears that this site is situated adjacent to the study area, and is not likely to be included as part of future redevelopment plans by the city. Therefore, no additional hazardous materials investigations appear to be necessary at this time.

Columbus Engineering Inc.

IDEM VFC records indicate that the UST located at this site was removed in 1991. There are no records outlining the specific actions taken during the closure activities, including if any confirmatory sampling of the site was completed to see if the tank had leaked. Should development of this site be considered, it is recommended that a Phase I ESA, and likely Phase II ESA, be completed in order to better define the conditions currently present in the soil and groundwater.

ATTACHMENTS

Aerial Map of Study Area with Identified Sites	Attachment 1
Columbus Old City Landfill	
Aerial Location Map	Attachment 2
Site Photos	Attachment 3
IDEM VFC Records	Attachments 4-42
Columbus WWTP Sludge MSW Landfill	
Aerial Location Map	Attachment 43
Site Photos	Attachment 44
IDEM VFC Records	Attachments 45-48
Indiana Gas / Columbus MGP	
Aerial Location Map	Attachment 49
Site Photos	Attachment 50
IDEM VFC Records	Attachments 51-75
Goodyear Auto Service Center	
Aerial Location Map	Attachment 76
Site Photo	Attachment 77
IDEM VFC Records	Attachment 78-90
Columbus Engineering Inc.	
Aerial Location Map	Attachment 91
Site Photos	Attachment 92
IDEM VFC Records	Attachment 83-96



Hazardous Waste Site Inventory

Aerial Map of Study Area with Identified Sites
City of Columbus, Bartholomew County, Indiana

1:16,000

0 0.125 0.25 0.5 mi

0 0.2 0.4 0.8 km

Indiana Department of Environmental Management, Office of Land Quality
Indiana Department of Environmental Management (IDEM), Office of Water Quality, U.S. Environmental Protection Agency
Indiana Department of Environmental Management, Office of Land Quality
Indiana Spatial Data Portal, UITS, ESRI

Columbus Old City Landfill

1:4,000

0 0.0325 0.065 0.13 mi

0 0.05 0.1 0.2 km

Landfill Boundaries

Indiana Department of Environmental Management, Office of Land Quality
Indiana Spatial Data Portal, UITS, ESRI
Indiana Department of Transportation (INDOT), U.S. Census Bureau (USCB), Indiana Geographic Information Council (IGIC), UITS, Indiana Spatial Data Portal

OLD COLUMBUS CITY LANDFILL

Looking west at gated entry to the old city landfill site

Looking north from the south end of the old city landfill site

Recorded in Barthlomew County June 7, 1993
Attorney of Record Cline, King & King

DECLARATION OF RESTRICTIONS AND COVENANTS UPON REAL ESTATE

THIS DECLARATION OF RESTRICTIONS AND COVENANTS UPON REAL ESTATE (the "Declaration") is made this 2nd day of June, 1993 by Marie Weber and Linda O'Conner & Albert Suhre Trust ("Owner"), under the following circumstances:

WITNESSETH:

WHEREAS, Owner is the title holder of certain real property in Bartholomew County, Indiana, the legal description of which is attached hereto as Exhibit "A" (the "Real Estate"); and

WHEREAS, on April 16, 1993, the State of Indiana and various parties (such parties being referred to as "Settling Defendants") entered into a Consent Decree in State of Indiana v. Arvin Industries, Inc., et al, Cause No. 49D02-9303-CP-0403, in the Marion County Superior Court, (the "Consent Decree"), a notice of which was recorded on May 3, 1993, at Document No. 93-005393 in the Office of the Register of Deeds, Bartholomew County, Indiana; and

WHEREAS, the purpose of the Consent Decree was to, interalia, memorialize the agreements and undertakings with respect to certain environmental remedial design and remedial actions (collectively the "RD/RA") to be performed on property located in Bartholomew County, Indiana, said property being defined as the "Site" pursuant to the Consent Decree; and

WHEREAS, the Consent Decree requires that Settling Defendants use their best efforts to have placed of record certain restrictions and covenants which will effect, and protect the RD/RA to be performed on the Site; and

WHEREAS, the Real Estate owned by Owner comprises a part of the Site; and

NOW, THEREFORE, In consideration of the foregoing, owner hereby declares and impressed upon the Real Estate the following restrictions and covenants;

1. Owner shall use its best efforts to restrict use of and access to the Real Estate in such manner to insure that:

A. There shall be no interference of any sort, by any person, with construction, operation, maintenance, monitoring, and efficacy of all components and structures and improvements resulting from or relating to the remedial actions implemented pursuant to this Consent Decree;

B. There shall be no operations on the Real Estate which extract, consume or otherwise use the groundwater underlying the Real Estate or adjoining property except as provided for in the course of carrying out the terms of this Consent Decree;

C. There shall be no agricultural, recreational, residential, commercial, or industrial use of the Real Estate including, but not limited to, any excavation, grading or other activity involving movement of soils at the Site, and any construction or placement of any residences, buildings, or structures – fixtures or otherwise – other than the purpose of implementing, monitoring, and maintaining the response action required by the Consent Decree; and

D. There shall be no construction, installation, or use of any buildings, wells, pipes, road, ditches, or any other structures – fixtures or otherwise – on the Real Estate that may affect the construction, physical integrity, operation and maintenance, or efficacy of the Work (as that term is used in the Consent Decree) undertaken pursuant to the Consent Decree including without limitation the Facility's: security fence, landfill cap, groundwater monitoring systems, unless such construction, installation or use is approved in advance, in writing, by IDEM.

2. Owner, its successors and assigns shall faithfully observe each of the restrictions and covenants stated herein.

3. The restrictions and covenants stated herein shall run with the Real Estate, and the conveyance of any interest therein, and are granted for the benefit of and shall be enforceable by the State of Indiana, the Settling Defendants, their successors and assigns

4. If the Owner, its successors and assigns, at any time violates, threatens or attempts to violate, or fails to faithfully observe or perform each of the foregoing restrictions and covenants upon the Real Estate, it shall be lawful for the State of Indiana or any and all of the Settling Defendants, in addition to other remedies available under law or equity, to institute and prosecute appropriate proceedings, judicial or other, at law or in equity for the wrong done, threatened or attempted.

5. Any person, corporation, partnership or other entity, including Owner, who is the title owner of or controls the Real Estate which is subject to the restrictions and covenants hereof, may ask IDEM for a determination that one or more of said restrictions and covenants is no longer required in order to prevent interference with construction, operation, maintenance, monitoring and efficacy of the RD/RA taken pursuant to the Consent Decree, or to protect human health and the environment. Upon such request, the State of Indiana, shall determine whether such restrictions and covenant can be extinguished.

6. The most recent deed of record for the Real Estate is Document No. 92/1577, recorded on February 2, 1992 in the office of the Register of Deeds, Bartholomew County, Indiana.

IN WITNESS WHEREOF, Owner has executed this Declaration of Restrictions and Covenants upon Real Estate as of day and year first written above.

"Owner" Marie Weber ~~Linda O'Conner & Albert~~ Suhre Trust

STATE OF INDIANA)
) SS:
COUNTY OF BARTHOLOMEW)

Before me, the undersigned, a Notary Public in and for said County and State, this 2nd day of June, 1992 personally appeared Marie Weber & Linda O'Conner & Albert Suhre Trust and acknowledged the execution of the foregoing to be a voluntary act and deed, for the uses and purposes therein set forth.

WITNESS my hand and notarial seal.

Nicholle R. Fisher
Notary Public

Nicholle R. Fisher
Printed Name

My Commission Expires:

8-11-96

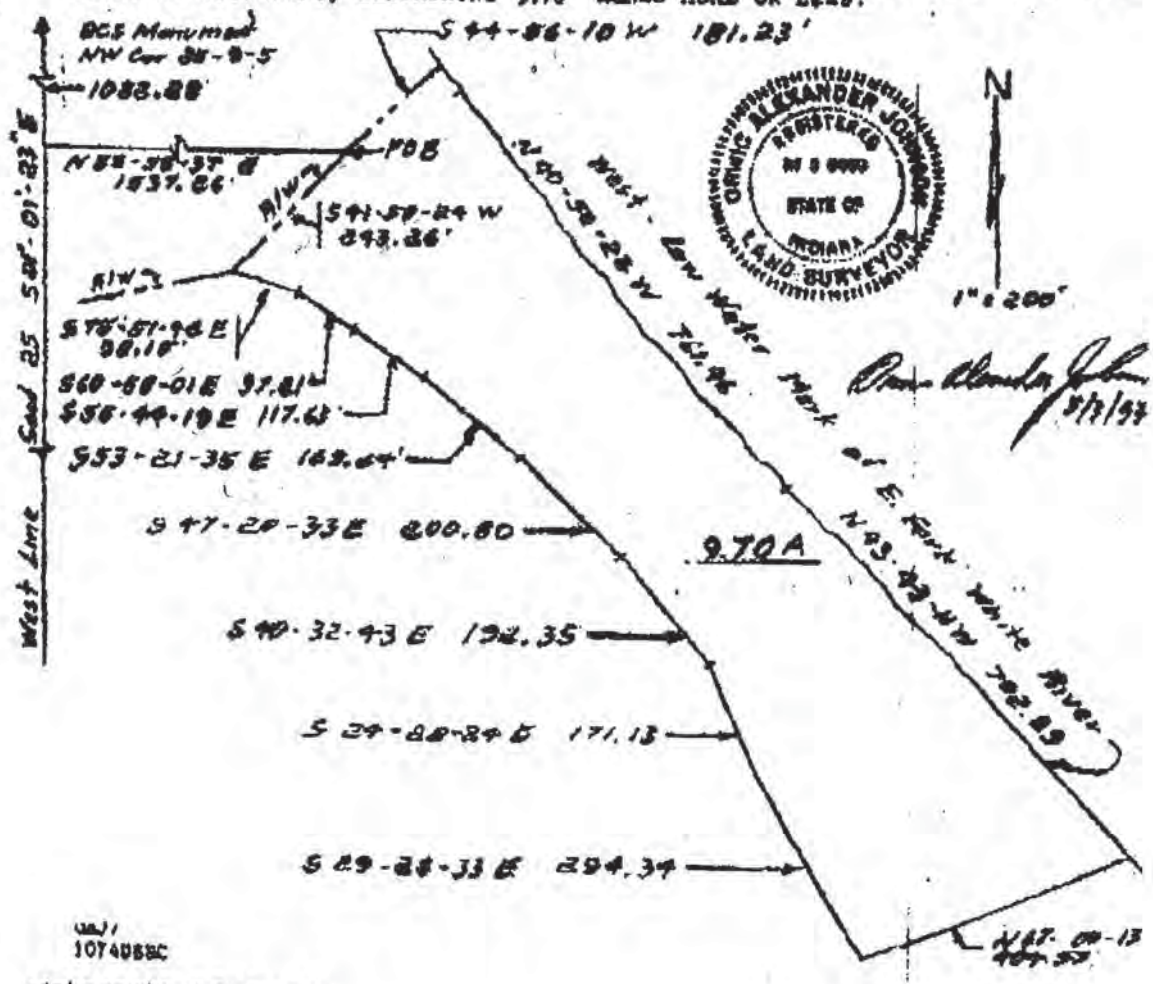
County of Residence:

Bartholomew

PROPERTY DESCRIPTION - REMAINDER OF LAND FILL

PART OF LOT LETTER "D" FRACTIONAL SECTION 25, TOWNSHIP 9 NORTH, RANGE 5 EAST LYING IN COLUMBUS TOWNSHIP, BARTHOLOMEW COUNTY, INDIANA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND BCS STANDARD MONUMENT MARKING THE NORTHWEST CORNER OF SAID SECTION 25, THENCE SOUTH 01°-01'-23" EAST (AN ASSUMED BEARING) ALONG THE WEST LINE OF SAID SECTION 1082.26 FEET TO A POINT; THENCE NORTH 89°-58'-37" EAST A DISTANCE OF 1537.26 FEET TO THE TRUE POINT OF BEGINNING, THENCE SOUTH 41°-59'-24" WEST A DISTANCE OF 243.26 FEET TO A POINT ON THE WESTERLY TOE OF SLOPE OF THE LANDFILL; THENCE ALONG SAID TOE OF SLOPE AS FOLLOWS: SOUTH 75°-51'-42" EAST A DISTANCE OF 98.15 FEET TO A POINT; THENCE SOUTH 60°-58'-01" EAST A DISTANCE OF 97.21 FEET TO A POINT; THENCE SOUTH 55° 44'-19" EAST A DISTANCE OF 117.63 FEET TO A POINT; THENCE NORTH 53°-21'-25" EAST A DISTANCE OF 169.24 FEET TO A POINT; THENCE SOUTH 47°-20'-33" EAST A DISTANCE OF 200.80 FEET TO A POINT; THENCE SOUTH 40°-32'-43" EAST A DISTANCE OF 192.35 FEET TO A POINT; THENCE SOUTH 24°-28'-24" EAST A DISTANCE OF 171.13 FEET TO A POINT; THENCE SOUTH 29°-28'-33" EAST A DISTANCE OF 294.34 FEET TO THE SOUTHWEST CORNER OF SAID LANDFILL; THENCE NORTH 67°-00'-13" EAST ALONG THE SOUTHERLY TOE OF SLOPE OF SAID LANDFILL 404.55 FEET MORE OR LESS TO THE LOW WATER MARK OF THE EAST FORK OF WHITE RIVER; THENCE NORTHERLY WITH SAID LOW WATER MARK TO A POINT THAT BEARS NORTH 43°-43'-31" WEST A DISTANCE OF 702.89 FEET FROM THE LAST SAID POINT; THENCE CONTINUING NORTHERLY WITH SAID LOW WATER MARK TO A POINT THAT BEARS NORTH 40°-30'-22" WEST A DISTANCE OF 761.46 FEET FROM THE LAST SAID POINT; THENCE SOUTH 44°-56'-18" WEST A DISTANCE OF 181.23 FEET TO THE POINT OF BEGINNING, CONTAINING 9.70 ACRES MORE OR LESS.



10740SBC

991076

EXHIBIT "A"

Attachment 7

FILED

DEC 0 7 2010

Barbara J. Hackman
Auditor Bartholomew Co., Indiana

201000016571
Filed for Record in
BARTHOLOMEW COUNTY, IN
BETTY JEAN BESHEAR, COUNTY RECORDER
12-22-2010 At 03:08 pm.
COVENANT 43.00

Environmental Protection Easement
And
Environmental Restrictive Covenant

This Environmental Protection Easement and Environmental Restrictive Covenant ("Covenant") is made this 16th day of November, 2010, by and between the City of Columbus, ("Grantor") and Cummins, Inc., formerly known as Cummins Engine Company, Inc., ("Grantee").

WITNESSETH:

WHEREAS, Grantor is the owner of certain Property located in the County of Bartholomew, State of Indiana, which Property is more particularly described in Exhibit A, which is attached hereto and incorporated herein, and as previously recorded in the Office of Recorder for Bartholomew County, Indiana, in Plat Book P, page 340B, on October 18, 1993. This Property is depicted for illustrative purposes only on Exhibit B, which is attached hereto and incorporated herein. This Property contains the northern portion (approximately 9.5 acres) of what is commonly known as the Columbus Old Municipal Landfill #1 Superfund Site; and

WHEREAS, part of the Property comprises part of the Columbus Old Municipal Landfill #1 Superfund Site ("Site"), which the U.S. Environmental Protection Agency ("EPA"), pursuant to Section 105 of the Comprehensive Environmental Response, Compensation and Liability Act, ("CERCLA"), 42 U.S.C. § 9605, placed on the national priorities list set forth at 40 C.F.R. Part 300, Appendix B., by publication in the Federal Register on June 10, 1986; the landfill comprises approximately 20.57 acres in total; and

WHEREAS, in a Record Of Decision ("ROD") dated March 31, 1992, the EPA Region Five (5) Regional Administrator selected a remedial action for the Site which provides in part for the following actions: installation of a fence with appropriate warning signs around the landfill; implementation of a landfill cover maintenance program with periodic leachate seep inspections; groundwater recovery system contingency plan; installation of additional groundwater monitoring wells down gradient of the landfill; a groundwater monitoring program; and the implementation of institutional controls to restrict land and water use on the landfill. With the exception of implementation of all required institutional controls, the remedial action has been implemented at the Site; and

WHEREAS, Grantor, Grantee and ArvinMeritor, Inc. (formerly known as Arvin Industries, Inc.) were named in a complaint filed by the Indiana Department of Environmental Management ("IDEM" or "Department") on behalf of the State of Indiana, which was captioned, State of Indiana v. Arvin Industries, Inc., Cummins Engine Company, Inc. and the City of Columbus, Indiana, under cause number 49D02-9303-CP-

NO SALES DISCLOSURE REQUIRED
BARTHOLOMEW CO. ASSESSOR

Attachment 8

0403; this complaint resulted in the entry of a Consent Decree ("Consent Decree") that was ultimately approved by the Marion County Superior Court on April 16, 1993; and

WHEREAS, the approximate locations of the landfill boundaries, some groundwater monitoring wells, and the sewer easements on the Site are depicted for illustrative purposes only on the survey / map attached hereto as Exhibit C; and

WHEREAS, the remedial action for the Site is being conducted pursuant to CERCLA and Indiana Code Title 13 and has been assigned site number 7500011 by IDEM; and

WHEREAS, Grantor hereto agrees to grant a permanent right of access over the Property to the Grantee for purposes of implementing, facilitating, and monitoring the remedial action; and

WHEREAS, Grantor hereto grants to the Department, EPA, and their designated representatives the right to enter upon the Property at reasonable times for the purpose of determining whether the land use restrictions described in paragraph 7 are being followed and implemented in a manner that ensures the protection of public health, safety, or welfare and the environment. Such right shall include the right to: take samples; monitor compliance with the ROD, Consent Decree, and this Covenant; and inspect records; and

WHEREAS, the parties hereto have agreed to impose on the Property's use restrictive covenants that will run with the land in perpetuity for the purpose of protecting human health and the environment; and

WHEREAS, Grantor wishes to fully cooperate with Grantee in the implementation of all response actions at the Site; and.

WHEREAS, Grantor and Grantee intend that the provisions of this Environmental Protection Easement and Environmental Restrictive Covenant will also be for the benefit of and enforceable by the United States and the Department as third-party beneficiaries ("Third Party Beneficiaries"); and

WHEREAS, Grantor and Grantee intend this instrument to be a restrictive covenant pursuant to the Indiana Code § 13-11-2-193.5 that IDEM may enforce in a court action pursuant to Indiana Code § 13-14-2-6 or other applicable law; and

WHEREAS, the ROD, Consent Decree and Exhibits A and B are hereby incorporated herein by reference and may be examined at the offices of the Department in the public file; they may also be available for view electronically through IDEM's virtual file cabinet on the Department's Web site (currently located at www.in.gov/idem/).

NOW THEREFORE, Grantor and Grantee, in consideration for the promises contained herein and other valuable consideration, impose restrictions on the Property and covenant and agree that:

NO RACES DISCLOSURE REQUIRED
BARTHOLOMEW CO. ASSESSOR

1. GRANT: Grantor, on behalf of its successors and assigns, does hereby covenant and declare that the Property shall be subject to the provisions of this Covenant, including the restrictions on use set forth below, and does give, grant and convey to the Grantee and its assigns with general warranties of title, 1) perpetual right to enforce said use restrictions, and 2) an environmental protection easement of the nature and character and for the purposes hereinafter set forth with respect to the Property.

2. PURPOSE: It is the purpose of this instrument to convey to the Grantee real property rights, which will run with the land, to facilitate protection of human health and the environment by reducing the risk of exposure to contaminants by restricting certain actions at the Property. It is also the purpose of this instrument that the EPA and IDEM and each of their successors and assigns as Third Party Beneficiaries shall have the right to enforce the terms of this instrument. IDEM shall also have authority to enforce this instrument pursuant to Indiana Code § 13-14-2-6 and any other applicable law.

3. PROPERTY CONVEYANCE-CONTINUANCE OF PROVISIONS: Any conveyance of title, easement, or other interest in the Property shall be subject to compliance and restrictions described in paragraph 7 below.

4. EPA AND IDEM - THIRD-PARTY BENEFICIARIES: Grantor on behalf of itself and its successors, transferees, and assigns, and Grantee on behalf of itself and its successors, transferees, and assigns, hereby agree that the EPA and IDEM and their successors and assigns shall be Third Party Beneficiaries under this instrument.

5. RESTRICTIONS TO RUN WITH THE LAND: These restrictions and other requirements described in this Covenant shall run with the land and be binding upon and inure to the benefit of the property owners and the owners' successors, assigns, heirs and lessees, their authorized agents, employees, contractors, representatives, agents, lessees, licensees, invitees, guests, or person acting under their direction or control and shall continue as a servitude running in perpetuity with the Property. Any transfer, mortgage, lease, license, easement, or other conveyance of any interest in all or part of the Property by any person shall be limited to restrictions set forth herein. This Covenant is imposed upon the entire Property unless expressly stated as applicable only to a specific portion of the Property.

6. BINDING UPON FUTURE OWNERS: By taking title to the Property, any subsequent owner agrees to comply with the restrictions in the terms of this Covenant.

7. RESTRICTIONS ON USE: The following conditions and restrictions apply to use of the Property, run with the land for the benefit of the Grantee and the community, and are binding upon the Grantor, its successors, transferees, assigns and other persons acquiring any interest in the Property, as well as its authorized agents, employees or persons acting under its direction and control.

(a) The Grantor shall not remove the security fence at the landfill;

(b) There shall be no construction, installation or use of any buildings, wells, pipes, roads, ditches or any other structures-- fixtures or otherwise--on the Property that may interfere with or affect the construction, physical integrity, operation and maintenance, or efficacy of the landfill cover at this Site and of the work undertaken pursuant to the Consent Decree including without limitation, the Site's security fence, unless such construction, installation or use is approved in advance by IDEM;

(c) There shall be no withdrawal, consumption, or other use of the underlying groundwater at the Property except as provided for in the course of carrying out or reviewing the adequacy of the remedial action;

(d) There shall be no agricultural, recreational, residential, commercial, or industrial use of the landfill area of the Property, unless such use is approved in advance in writing by both IDEM and EPA;

(e) There shall be no excavation, grading or other activity involving movement of the soil of the landfill cover or its underlying contents other than for the purpose of implementing, monitoring, or maintaining the Property as required by the Consent Decree; however, if a sewer emergency necessitates excavation or other disruption of the landfill cover or the underlying contents, the Grantor shall: (a) be permitted to excavate or disrupt the landfill cover and the underlying contents for the purpose of addressing and remedying the sewer emergency; (b) notify IDEM within forty-eight (48) hours of the beginning of the excavation or disruption; and (c) restore the integrity of the landfill cover as soon as possible, but no later than thirty (30) days after the completion of the excavation and repair work. "Restore the integrity of the landfill cover" shall mean, with respect to the area disturbed, that no waste is exposed; no leachate seeps exist; the contour of the area immediately prior to the disturbance is restored; and the landfill cover material is clean material and approximately the same composition and thickness as the cover material before the disturbance (but in no event less than two (2) feet thick); and

(f) There shall be no interference of any sort, by any person, with construction, operation, maintenance, monitoring, and efficacy of any components, structures, and improvements resulting from or relating to the work implemented pursuant to the Consent Decree.

8. ENVIRONMENTAL PROTECTION EASEMENT: Grantor hereby grants to the Grantee for its use an irrevocable, permanent and continuing right of access (unless rescinded or modified pursuant to paragraph 13) at all reasonable times to the Property for purposes of:

(a) Implementing, operating and maintaining the response actions in the ROD or Consent Decree, including, but not limited to, those actions generally described herein;

(b) Verifying that no action is being taken on the Property in violation of the terms of this instrument or of any federal or state environmental laws or regulations;

(c) Monitoring response actions on the Property and conducting investigations relating to contamination on or near the Site, including, without limitation, sampling of air, water, sediments, soils, and specifically, without limitation, obtaining split or duplicate samples;

(d) Conducting periodic reviews of the remedial action, including but not limited to, reviews required by applicable statutes and/or regulations; and

(e) Implementing additional or new response actions that EPA or IDEM determine are necessary to protect public health or the environment because: (i) either the original remedial action has proven to be ineffective; or (ii) new technology has been developed which will accomplish the purposes of the remedial action in a significantly more efficient or cost effective manner and will not impose any significantly greater burden on the Property or unduly interfere with the then existing uses of the Property.

9. NOTICE REQUIREMENT: Grantor agrees to include the following notice provision in any instrument conveying any interest in any portion of the Property, including but not limited to, deeds, leases and subleases (excluding mortgages, liens, similar financing interests, and other possessory encumbrances):

NOTICE: THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL PROTECTION EASEMENT AND ENVIRONMENTAL RESTRICTIVE COVENANT, DATED November 16 2010, RECORDED IN THE OFFICE OF RECORDER OF BARTHOLOMEW COUNTY ON _____, 2010, INSTRUMENT NUMBER _____(OR OTHER IDENTIFYING REFERENCE) IN FAVOR OF AND ENFORCEABLE BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND THE UNITED STATES OF AMERICA (AS THIRD-PARTY BENEFICIARIES).

Grantor agrees to provide notice to IDEM no later than 30 days after any conveyance of any ownership interest in the Property. Grantor must provide IDEM with a certified copy of the instrument conveying any interest in any portion of the Property and if it has been recorded, its recording reference. Such notice shall include the name and address of the transferee.

10. EPA AND IDEM ENTRY, ACCESS AND RESPONSE AUTHORITY: Nothing in this document shall limit or otherwise affect EPA's and IDEM's rights of entry and access or EPA's and IDEM's authority to take response actions under CERCLA, the National Contingency Plan ("NCP"), or other federal and state law. The Grantor and Grantee consent to officers, employees, contractors, and authorized representatives of EPA and IDEM entering and having continued access to this property for the purposes described in paragraph 8.

11. ENFORCEMENT: The Grantee, and the EPA and IDEM as Third Party Beneficiaries, shall be entitled to enforce, individually or jointly, the terms of the Covenant and request specific performance and/or immediate injunctive relief. IDEM shall be entitled to enforce the terms and conditions herein pursuant to Indiana Code § 13-14-2-6 and any other applicable law. The Grantor and Grantee agree that the restrictions are enforceable and agree not to challenge the provisions or the appropriate court's jurisdiction. All remedies herein shall be in addition to remedies at law or equity including remedies available through CERCLA.

12. TERM: This Covenant shall apply until EPA and IDEM determine that the contaminants of concern within the landfill no longer present an unacceptable risk to the public health, safety, or welfare or to the environment.

13. MODIFICATION AND TERMINATION: This Covenant shall not be amended, modified, or terminated except by prior written approval of the EPA and IDEM. Within ten (10) days of executing an approved amendment, modification, or termination of the Covenant, such amendment, modification, or termination shall be recorded with the Office of the Recorder of Bartholomew County, and within ten (10) days after recording, a true copy of the recorded amendment, modification, or termination shall be presented to the EPA and IDEM.

14. WAIVER: No failure on the part of the EPA or IDEM at any time to require performance by any person or any term of this Covenant shall be taken or held to be a waiver of such term or in any way affect the EPA's or IDEM's right to enforce such term. No waiver on the part of the EPA or IDEM of any term hereof shall be taken or held to be a waiver of any other term hereof or the breach thereof.

15. CONTROLLING LAW: The interpretation and performance of this instrument shall be governed by, and construed and enforced according to, the law of the State of Indiana, except for provisions relating to EPA's remedy, access and enforcement, which shall be governed by federal laws including CERCLA, 42 U.S.C. 9601, *et seq.*, as well as any applicable State of Indiana laws.

16. SEVERABILITY: If any provision of this instrument, or the application of it to any person or circumstance, is found to be invalid, the remainder of the provisions of this instrument, or the application of such provisions to persons or circumstances other than those to which it is found to be invalid, as the case may be, shall not be affected thereby.

17. CONFLICT AND COMPLIANCE WITH LAWS: If any provision of this Covenant is also the subject of any law or regulation established by any federal, state, or local government, the strictest standard or requirement shall apply. Compliance with this Covenant does not relieve the Grantee from complying with any other applicable laws.

18. CHANGE IN LAW OR REGULATION: In the event the Risk Integrated System of Closure ("RISC") is adopted by rule in Indiana, or in the event of any other change in applicable law, regulations, or IDEM's remediation policies, this Covenant shall be interpreted so as to ensure the continuing validity and enforceability of the restrictions listed in paragraph 7. In no event shall this Covenant be rendered unenforceable if Indiana's laws, regulations, cleanup guidelines, or policies for environmental restrictive covenants, remediation, or institutional or engineering controls change as to form or content. All statutory references include any successor provisions.

19. NOTICES: Any notice, demand, request, consent, approval or communication that any person desires or is required to give to another pursuant to this Covenant shall be in writing and shall either be served personally or sent by first class mail, postage prepaid, addressed as follows:

To Grantor:

City of Columbus
City Hall
Office of the Mayor
123 Washington Street
Columbus, IN 47201

To Grantee:

Cummins, Inc.
Office of General Counsel
500 Jackson Street
Columbus, IN 47201

To Third Party Beneficiaries:

Attn: Section Chief
IDEM, Office of Land Quality
Federal Programs
100 N. Senate Ave.
Mail Code 66-31, IGCN Room 1101
Indianapolis, IN 46204-2251

U.S. Environmental Protection Agency
Superfund Division Director

77 West Jackson Boulevard
MC S-6J
Chicago, IL 60604

Any entity may change its address or the individual to whose attention a notice is to be sent by giving written notice in compliance with this paragraph.

20. AUTHORITY TO EXECUTE AND RECORD: The undersigned person executing this Covenant on behalf of the Grantor represents and certifies that he or she is duly authorized and has been fully empowered to execute, record, and deliver this Covenant. The undersigned person executing this Covenant for and on behalf of the Grantee represents and certifies that he or she is duly authorized and has been fully empowered to execute this Covenant.

IN WITNESS WHEREOF, the said owner of the Property described above and Grantor has caused this Environmental Protection Easement and Environmental Restrictive Covenant to be executed on this _____ day of _____, 2010.

I affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, as required by law.

Grantor: City of Columbus, Indiana

By: FRED L ARMSTRONG, MAYOR
(printed name & title)

(signature)

STATE OF INDIANA)
) SS:
COUNTY OF Barthlomew

Before me, the undersigned, a Notary Public in and for said County and State, personally appeared FRED L. Armstrong, the MAYOR of the Owner, City of Columbus, who acknowledged the execution of the foregoing instrument for and on behalf of said entity.

Witness my hand and Notarial Seal this 16th day of November, 2010.

Marcia J. Covert

MARCIA J. COVERT, Notary Public

Residing in BARTHOLOMEW County,

7/6/16
My Commission Expires:

Grantee: Cummins, Inc.

By: Marya M. Rose, V.P. - General Counsel & Secretary
(printed name & title)

Marya M. Rose
(signature)

STATE OF INDIANA)
) ss:
COUNTY OF Bartholomew)

Before me, the undersigned, a Notary Public in and for said County and State, personally appeared Marya M. Rose, the V.P. - Gen. Counsel & Secretary of the Owner, Cummins Inc., who acknowledged the execution of the foregoing instrument for and on behalf of said entity.

JoElla Small
Notary Public
BARTHOLOMEW County, IN
My Commission expires: 9-15-2017

JOELLA SMALL
Notary Public
SEAL
State of Indiana
My Commission Expires September 15, 2017

This instrument prepared by:

Timothy P. Coriden
CORIDEN, CORIDEN, ANDREWS, & GLOVER, LLC
415 Washington Street
P.O. Box 1510
Columbus, Indiana 47201

IDEM SuperFund Site # 7500011 (Columbus Old Municipal Landfill) - City of Columbus Owned Parcels

Bartholomew County Deed Info:
Warranty Deed Instrument # 92-1577
9.5 acre tract
2.88 acre tract
5.18 acre tract

PLSS Info:
Section 25, T9N, R5E
Columbus Township
Bartholomew County

Tract Description

0 500 Feet
0 150 Meters

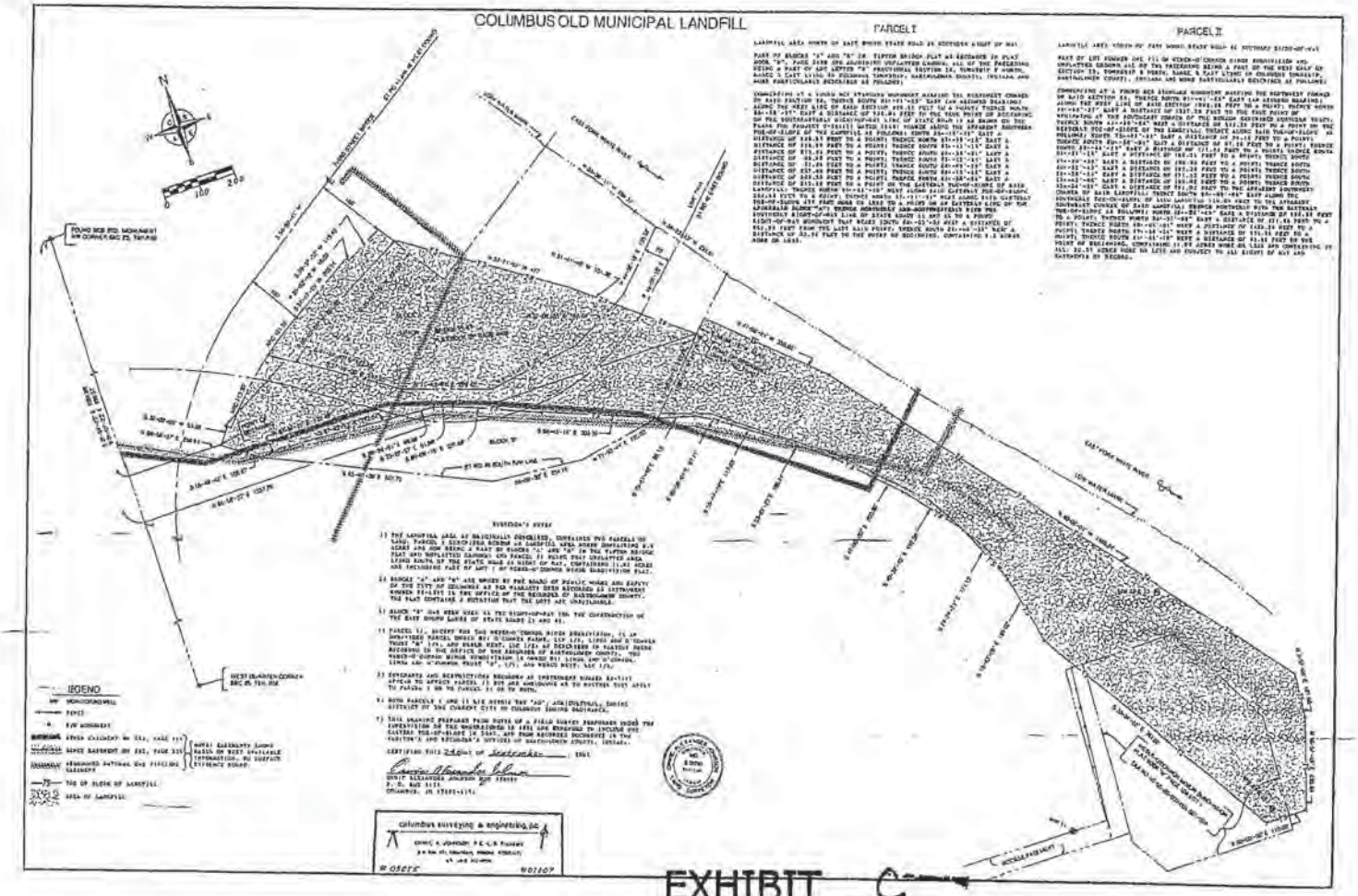
Mapped By: Mike Hill, IDEM, Office of Land Quality, Science Services Branch, Engineering & GIS Services, February 2, 2010
This map supersedes a previous map published October 29, 2009.

Sources:
-ERC descriptions (polygons) created by Coordinate Geometry (COGO) from Bartholomew County, IN Deed Records

-2005 Indiana Orthophotography
(IndianaMap Framework Data www.indianamap.org)

Disclaimer: This map does not represent a legal document. It is intended to serve as an aid in graphic representation only. It is not warranted for accuracy or suitability for any purpose.

EXHIBIT B


COLUMBUS OLD MUNICIPAL LANDFILL
PARCEL I
PARCEL II
LEGEND
EXHIBIT C

FIVE-YEAR REVIEW REPORT FOR

COLUMBUS OLD MUNICIPAL LANDFILL #1 SUPERFUND SITE
BARTHOLOMEW COUNTY, INDIANA

US EPA RECORDS CENTER REGION 5

485611

Prepared by

U.S. Environmental Protection Agency
Region 5
Chicago, Illinois

Richard C Karl

Richard C. Karl, Director
Superfund Division

5-6-15

Date

Attachment 19

LIST OF ACRONYMS

AOC	Administrative Order on Consent
ARAR	Applicable or Relevant and Appropriate Requirement
BLS	Below Land Surface
CD	Consent Decree
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
EPA	United States Environmental Protection Agency
FYR	Five-Year Review
FS	Feasibility Study
FWQC	Federal Water Quality Criteria
GRSC	Groundwater Recovery System Contingency
ICs	Institutional Controls
IDEM	Indiana Department of Environmental Management
IRA	Interim Remedial Action
LC_{50}	Lethal Concentration that kills 50% of Test Subjects in a Given Time
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
MSL	Mean Sea Level
MW	Monitoring Well
NCP	National Contingency Plan
NPL	National Priorities List
OCL	Columbus Old City Municipal Landfill #1
PCBs	polychlorinated biphenyls
PRP	Potentially Responsible Party
RA	Remedial Action
RD	Remedial Design
RI	Remedial Investigation
ROD	Record of Decision
RPM	Remedial Project Manager
SMCL	Secondary Maximum Contaminant Level
SOW	Statement of Work
SPM	State Project Manager
SVOC	Semi-Volatile Organic Compound
TOC	Total Organic Carbon
TPH	Total Petroleum Hydrocarbons
UU/UE	Unlimited Use or Unrestricted Exposure
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

This is the fourth Five-Year Review (FYR) for the Columbus Old Municipal Landfill #1 (OCL) Superfund Site located in Columbus, Bartholomew County, Indiana. The purpose of this FYR is to review information to determine if the remedy is, and will continue to be, protective of human health and the environment. The triggering action for this statutory FYR was the signing of the previous FYR on 5/18/2010.

The Site operated as a landfill from 1938 to 1966. The portion of the site that contains waste material parallels the East Fork of the White River, encompassing 19 acres. The depth of the landfill averages approximately 17 feet, with cover material generally 2 to 3 feet deep and a maximum depth of 5 feet. The total volume of fill material in the landfill is about 500,000 cubic yards.

In accordance with the Record of Decision (ROD) for the OCL Site, signed on March 31, 1992, the remedy for the Site included:

- The installation of fencing with appropriate warning signs;
- A landfill cover, with an associated inspection and maintenance program;
- A groundwater recovery system contingency plan;
- Additional groundwater monitoring wells;
- A groundwater monitoring program; and
- Institutional controls (ICs) restricting the use of the land and groundwater at the site.

The site achieved construction completion with the signing of the Preliminary Close Out Report on September 15, 1994. A Final Close Out Report for the OCL Site was signed on April 30, 2013. The Site was deleted from the NPL on January 24, 2014.

Based upon the December 15, 2014 site inspection conducted for this five-year review, there are no current exposures to human health and the environment. Groundwater monitoring ceased in 2003 because levels of contamination have remained at or below Maximum Contaminant Levels (MCLs) since 1994, and therefore no new data was collected for this five-year review.

The remedy at Columbus Old Municipal Landfill #1 is protective of human health and the environment because the landfill cover is functioning as anticipated, groundwater contaminant concentrations are at or below MCLs, and all ICs have been implemented at the Site. Continued compliance with effective ICs will be ensured with maintenance of ICs, long-term stewardship procedures, and maintenance of the site remedy components.

I. INTRODUCTION

The purpose of a FYR is to evaluate the implementation and performance of a remedy in order to determine if the remedy will continue to be protective of human health and the environment. The methods, findings, and conclusions of reviews are documented in five-year review reports. In addition, FYR reports identify issues found during the review, if any, and document recommendations to address them.

The U.S. Environmental Protection Agency (EPA) prepares FYRs pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 121 and the National Contingency Plan (NCP). CERCLA 121 states:

> "*If the President selects a remedial action that results in any hazardous substances, pollutants, or contaminants remaining at the site, the President shall review such remedial action no less often than each five years after the initiation of such remedial action to assure that human health and the environment are being protected by the remedial action being implemented. In addition, if upon such review it is the judgment of the President that action is appropriate at such site in accordance with section [104] or [106], the President shall take or require such action. The President shall report to the Congress a list of facilities for which such review is required, the results of all such reviews, and any actions taken as a result of such reviews.*"

EPA interpreted this requirement further in the NCP; 40 Code of Federal Regulations (CFR) Section 300.430(f)(4)(ii), which states:

> "*If a remedial action is selected that results in hazardous substances, pollutants, or contaminants remaining at the site above levels that allow for unlimited use and unrestricted exposure, the lead agency shall review such actions no less often than every five years after the initiation of the selected remedial action.*"

EPA conducted a FYR on the remedy implemented at the OCL Superfund Site in Columbus, Bartholomew County, Indiana. Indiana Department of Environmental Management (IDEM) is the lead agency for developing and implementing the remedy for the Site. IDEM has reviewed all supporting documentation and provided input to EPA during the FYR process.

This is the fourth FYR for the OCL Site. The triggering action for this statutory review is the previous FYR signed on May 18, 2010. The FYR is required due to the fact that hazardous substances, pollutants, or contaminants remain at the site above levels that allow for unlimited use and unrestricted exposure (UU/UE). The Site consists of one Operable Unit (OU), which is addressed in this FYR.

II. PROGRESS SINCE THE LAST REVIEW

Table 1: Protectiveness Determinations/Statements from the 2010 FYR

OU #	Protectiveness Determination	Protectiveness Statement
Sitewide	Protective	The selected remedy is functioning as anticipated. The remedy is protective of human health and the environment in the short-term and will be protective in the long-term once all ICs have been implemented. Specifically, an Environmental Protection Easement and Environmental Restrictive Covenant for the northwestern part of the landfill is necessary and must be recorded. Long-term protectiveness will be achieved once these required ICs have been implemented. Long-term protectiveness also requires compliance with effective ICs. Compliance with effective ICs will be ensured by implementing effective ICs which must be maintained, monitored and enforced by developing long-term stewardship procedures as well as maintaining the site remedy components. Threats at the site are being addressed through implementation of the required ICs and continued maintenance of the site.

Table 2: Status of Recommendations from the 2010 FYR

OU #	Issue	Recommendations/ Follow-up Actions	Party Responsible	Oversight Party	Original Milestone Date	Current Status	Completion Date (if applicable)
01	Implement use restrictions for Parcel 1	The Environmental Protection Easement and Environmental Restrictive Covenant to be finalized and recorded	PRPs	EPA/State	9/30/2010	Completed	10/31/2012
01	Long-term stewardship of the site through development and implementation of an IC Plan for monitoring compliance with the IC's	Put into place an IC Plan or an update of the Maintenance Plan that will provide for monitoring of the IC's	PRPs	EPA/State	6/30/2011	Completed	12/22/2010

Actions taken under Recommendations 1 and 2 are discussed in the Institutional Controls and Long-term Stewardship sections below. These actions will ensure that maintenance measures and ICs are implemented as required.

Remedy Implementation Activities

Since groundwater monitoring concentrations had been consistently at or below MCLs from 1994 through April 2003 when approval was given to discontinue the monitoring, and no additional actions were deemed necessary, approval was granted by IDEM and EPA to permanently abandon all groundwater monitoring wells at the OCL Site. This action was completed in November 2010.

The PRPs submitted the final Remedial Action Completion Report April 4, 2005. The report concluded that there was no evidence that construction activities for the approach road and bridge had any effect on the concentration or distribution of target compounds in groundwater at the Site.

Landfill inspections will continue on an annual basis in accordance with the Operation and Maintenance Plan, dated October 2012.

The Final Close Out Report for the OCL Site was signed on April 30, 2013. The Site was deleted from the NPL on January 24, 2014.

A summary of the previous remedy implementation activities is provided in Appendix A.

Institutional Controls

ICs in the form of land- and groundwater-use restrictions are required to restrict property use, maintain the integrity of the remedy, and assure long-term protectiveness for areas which do not allow for UU/UE. A summary of the implemented and planned ICs for the Site is listed in Table 3, and the ICs are further discussed below.

A map showing the area in which the ICs apply is included below.

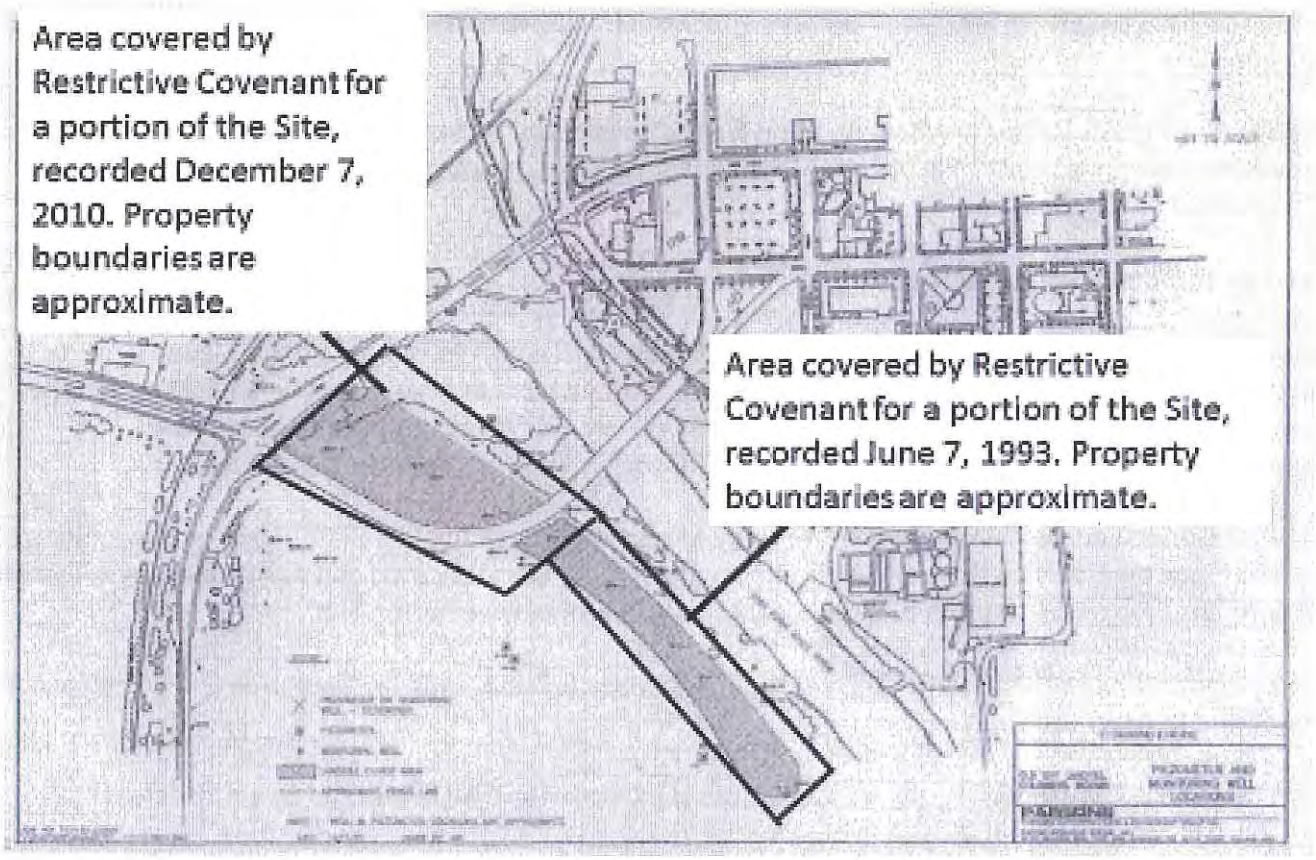


Figure 1. OCL Site.

Table 3: Summary of Planned and/or Implemented ICs

Physical Area--Summary Table		
Media, Engineered Controls, and Areas that Do Not Support UU/UE Based on Current Conditions	**IC Objectives in Decision Documents**	**Physical Area Covered by Implemented Institutional Control**
Soils on the landfill and groundwater at the Site--southern part.	Institutional controls reduce exposure to Site contaminants by legally restricting access to the Site. There are also restrictions on land and water use at the landfill.	Declaration of Restrictions and Covenants Upon Real Estate that was recorded with Bartholomew County on June 7, 1993. See paragraph 1. There shall be no interference of any sort with construction, operation, maintenance, monitoring, and efficacy of all components and structures and improvements resulting from the remedial work implemented. There shall be no operations on the Real Estate which extract, consume or otherwise use the groundwater underlying the Real Estate or adjoining property except as needed for the remedial work. There shall be no agricultural recreational, residential, commercial, or industrial use of the Real Estate. There shall be no construction, installation, or use of any buildings, wells, pipes, road, ditches, or any other structures on the Real Estate that may affect the construction, physical integrity, operation and maintenance, or efficacy of the remedial work unless approved in advance, in writing, by IDEM.
Soils on the landfill and groundwater at the Site--northern part.	Institutional controls reduce exposure to Site contaminants by legally restricting access to the Site. There are also restrictions on land and water use at the landfill.	Environmental Protection Easement and Environmental Restrictive Covenant that was filed with Bartholomew County on December 7, 2010. See Paragraph 7. The security fence shall not be removed. There shall be no construction, installation, or use of any buildings, wells, pipes, road, ditches, or any other structures on the Property that may affect the construction, physical integrity, operation and maintenance, or efficacy of the remedial work unless approved in advance, in writing, by IDEM. There shall be no withdrawal, consumption, or other use of the underlying groundwater at the Property except as needed in the course of carrying out the remedial work. There shall be no agricultural, recreational, residential, commercial, or industrial use of the landfill area of the Property, unless such use is approved in advance in writing by both IDEM and EPA). There shall be no excavation, grading or other activity involving movement of the soil of the landfill cover or its underlying contents other than for the purpose of implementing, monitoring, or maintaining the Property, as required; however, if a sewer emergency necessitates excavation or other disruption of the landfill cover or the underlying contents, this will be handled in the agreed-upon manner. There shall be no interference of any sort with construction, operation, maintenance, monitoring, and efficacy of all components and structures and improvements resulting from the remedial work implemented.

Status of Access Restrictions and ICs

IDEM and three of the PRPs, including the City of Columbus, signed a Consent Decree (CD), which was entered in April 1993, to implement the remedy selected in the 1992 ROD. The CD required land- and groundwater-use restrictions at OCL by recording declarations of restrictions and covenants upon real estate. EPA was not a party to the CD since IDEM had taken over as enforcement lead in 1992.

The landowners of the southern part of the landfill placed restrictions on this part of the OCL Site with a Declaration of Restrictions and Covenants Upon Real Estate that was recorded with Bartholomew County on June 7, 1993. They had also been the owners of the northern part of the landfill, but they had transferred ownership of this northern part to the City of Columbus through a Warranty Deed on January 22, 1992. The City of Columbus placed restrictions on the northern part of the landfill through an Environmental Protection Easement and Environmental Restrictive Covenant that was recorded with the County on December 7, 2010.

A four-foot security fence with gate and warning signs were also installed around the site in May 1999.

The OCL Site was declared "site-wide ready for reuse" on September 14, 2012.

Current Compliance

Based on inspections and discussions with IDEM, EPA is not aware of Site or media uses which are inconsistent with the stated objectives to be achieved by the ICs. The remedy appears to be functioning as intended. No Site uses which are inconsistent with the implemented ICs or remedy IC objectives have been noted during the Site inspection.

Long Term Stewardship

Cummins Engine Company (now Cummins Inc.) will conduct annual inspections and evaluations, and required maintenance of the OCL Site, and report these activities to EPA and IDEM.

Since compliance with ICs is necessary to assure the protectiveness of the remedy, planning for long-term stewardship is required to ensure that the ICs are maintained, monitored and enforced, so that the remedy continues to function as intended. Long-term stewardship involves assuring effective procedures are in place to properly maintain and monitor the Site. A final Operation and Maintenance plan for OCL site was completed in October 2012. It includes procedures to ensure long-term IC stewardship, including regular inspections of the engineering and access controls at the Site, reviews of the ICs, and annual ICs reports with results of the inspection and review and certification to EPA that ICs remain in-place and are effective.

System Operation/Operation and Maintenance Activities

Operation and maintenance activities are being conducted per the Operation and Maintenance Plan, dated October 2012. The plan requires an annual inspection of the landfill cover and fence, or following major flooding of the Site, to verify cover integrity, check for evidence of erosion, leachate seeps, excessive trespassing (i.e., vehicle or frequent recreational use), any dumping of waste, and to determine the condition of the perimeter fence.

The Site has been inspected on an annual basis as required since 2012. No significant concerns have been indicated, although the perimeter fence is to be improved to reduce trespassing.

III. FIVE-YEAR REVIEW PROCESS

Administrative Components

The PRP was notified of the initiation of the five-year review on 12/3/2014. The OCL Superfund Site Five-Year Review was conducted by James J. Hahnenberg, EPA Remedial Project Manager (RPM) for the Site. Stephanie Andrews, of IDEM, assisted in the review as the representative for the support agency.

The review, which began on 11/28/2014, consisted of the following components:

- Community Involvement;
- Document Review;
- Site Inspection; and
- Five-Year Review Report Development and Review.

Community Notification and Involvement

Activities to involve the community in the five-year review process were initiated with a meeting on December 3, 2014, between the RPM and Community Involvement Coordinator (CIC) for the Site. A notice was published in the local newspaper, "The Republic", on 3/2/2015, stating that there was a five-year review and inviting the public to submit any comments to the EPA. The results of the review and the report will be made available at the Site information repository located at Bartholomew County Public Library, 536 Fifth St., Columbus, Indiana.

Document Review

This FYR consisted of a review of relevant documents including O&M records and monitoring data. Applicable soil and groundwater cleanup standards, as listed in the March 31, 1992 ROD, were also reviewed.

Data Review

Groundwater is no longer being monitored, so there was no new data to review. Groundwater monitoring ceased in 2003 because levels of contamination were at or below EPA Drinking Water MCLs since 1994.

Site Inspection

The inspection of the Site was conducted on 12/15/2014 by James Hahnenberg, EPA. The purpose of the inspection was to assess the protectiveness of the remedy. Based on this inspection, the site was in satisfactory condition. The site has a considerable amount of vegetation on the cover, including trees, with the surface in satisfactory condition. The fence along the farm field to the southwest was in good condition. There is evidence that some trespassers enter the site, at least at the southern end, with two deer stands on the property. The fact that people are going onto the site does not affect protectiveness of the remedy as the cover on the site and the lack of access to the groundwater prevents contact with contamination. There is a pipe gate at this location, but this has not stopped unauthorized entry on the site.

Interviews

During the FYR process, phone interviews were conducted with Alan Resnick, Cummins Inc., who is directing site maintenance and monitoring (e.g., fence maintenance and property use), and Stephanie Andrews, with IDEM. The purpose of the interviews was to document any perceived problems or successes with the implemented remedy. Interviews were conducted 1/6/2015. Interviews are summarized below.

- Telephone interviews were conducted with Alan Resnick, Cummins Inc. and Stephanie Andrews, IDEM.
- Alan Resnick indicated some trespassing was occurring and that there were two deer stands on the site, although trespassing was limited. He discussed his plans to reduce trespassing by improving the gate barrier with a concrete abutment.
- Site conditions have been evaluated as required.
- The remedy is protective.
- The Site is generally in good condition.
- No perceived problems arose from the interviews that would impact the protectiveness of the remedy

IV. TECHNICAL ASSESSMENT

Question A: Is the remedy functioning as intended by the decision documents?

Yes. The remedy is functioning as intended. Construction and use of the approach road and the bridge at the OCL Site do not show adverse impacts. Groundwater monitoring concentrations have been consistently at or below MCLs since 1994 and approval was granted by IDEM and EPA to permanently abandon all groundwater monitoring wells which was completed in November 2010. All ICs have been implemented. A final Operation and Maintenance plan for OCL site was completed in October 2012 which includes procedures to ensure long-term IC stewardship, including regular inspections of the engineering and access controls at the Site, reviews of the ICs, and annual ICs reports with results of the inspection and review, and certification to EPA that ICs remain in-place and are effective. Long-term stewardship will ensure effective ICs are maintained and monitored, and the remedy continues to function as intended with regard to ICs.

Question B: Are the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives (RAOs) used at the time of the remedy section still valid?

Yes. There have been no major changes in the physical conditions of the site. No new exposure assumptions are needed at this time.

The primary applicable or relevant and appropriate requirements (ARARs) that the site has to meet fall into two categories of regulations: landfill and groundwater. No new ARARs have been developed and therefore, no new standards need to be considered at this time.

There have been no changes in the toxicity factors for the contaminants of concern that were used in the baseline risk assessment.

Question C: Has any other information come to light that could call into question the protectiveness of the remedy?

No. There has been no new information that would suggest that the selected remedy is not protective.

Technical Assessment Summary

Based on the review of the site information and the site inspection and discussions with the technical staff from IDEM and others involved at this site, it is concluded that the remedy is functioning as intended by the ROD and ICs are in place and effective.

V. ISSUES/RECOMMENDATIONS AND FOLLOW-UP ACTIONS

There were no issues identified affecting current or future protectiveness of the remedy. The perimeter fence will be enhanced to reduce trespassing.

VI. PROTECTIVENESS STATEMENT

OU1 & Sitewide Protectiveness Statement
Protectiveness Determination: Protective
Protectiveness Statement: The remedy at Columbus Old Municipal Landfill #1 is protective of human health and the environment because the landfill cover is functioning as anticipated, groundwater contaminant concentrations are at or below MCLs, and all ICs have been implemented at the Site. Continued compliance with effective ICs will be ensured with maintenance of ICs, long-term stewardship procedures, and maintenance of the site remedy components.

VII. NEXT REVIEW

The next five-year review report for the OCL Superfund Site is required five years from the completion date of this review.

A. SITE CHRONOLOGY

Table 4. Site Chronology

Event	Date
Landfill Operations	1938-1966
Proposed for placement on the NPL	September 18, 1985
Final on the NPL	June 10, 1986
Administrative Order on Consent for Remedial Investigation (RI) and Feasibility Study (FS)	September 15, 1987
RI and FS started	September 15, 1987
RI report approved	August 6, 1990
FS report approved	December 1, 1991
Proposed Plan issued	January 23, 1992
Public meeting held	January 30, 1992
ROD signed	March 31, 1992
IDEM became lead agency	May 26, 1992
Consent Decree for Remedial Design (RD) and Remedial Action (RA)	Entered April 16, 1993
RD starts	April 1993
Environmental Protection Easement and Environmental Restriction Covenant placed on southern part of facility property (9.7 acres)	June 2, 1993
RA starts	October 22, 1993
Preliminary Close Out Report (construction completion under CERCLA)	September 15, 1994
Fence installation completed	May 7, 1999
New bridge and approach road over the landfill completed	May 1999
First five-year review report	September 22, 2000
Interim Remedial Action (IRA) report approved	April 8, 2002
Second five-year review report	September 23, 2005
Site inspection by EPA and IDEM for third five-year review	November 18, 2009
Third five-year review report	May 18, 2010
Environmental Protection Easement and Environmental Restriction Covenant placed on northern part of facility property	December 7, 2010
OCL Site declared "site-wide ready for reuse"	September 14, 2012
Final Close Out Report	April 30, 2013
Deletion of Site from the NPL	January 24, 2014
Site inspection by EPA for fourth five-year review	December 15, 2014

B. BACKGROUND

Physical Characteristics

The OCL Site is located in the City of Columbus, Indiana, at the intersection of the East Fork of the White River and State Road 11 (Figure 1, below). The portion of the site containing waste material parallels the river, which flows southeast. The site covers approximately 19 acres. The landfill was covered with a layer of sand, clay, and gravel after the landfill was closed. Grass provides a vegetative cover. The cover material is generally 2 to 3 feet in thickness across the site, reaching 4 to 5 feet in some places. The depth of the landfill material averages approximately 17 feet over the area of the landfill. The total volume of the fill material within the landfill was estimated to be about 500,000 cubic yards. Land surface elevations range from approximately 625 feet above mean sea level (MSL) at the top of the fill area to 600 feet above MSL at the river. The maximum depth at which the bottom of the landfill materials were found was at elevation 602 ft. See Figure 1 for a map showing the area of the site.

Approximately 33,000 people live within a 3-mile radius of the site. There are private and public water supply wells located within 2 to 3 miles. The OCL site is located in the 100-year flood plain of the White River.

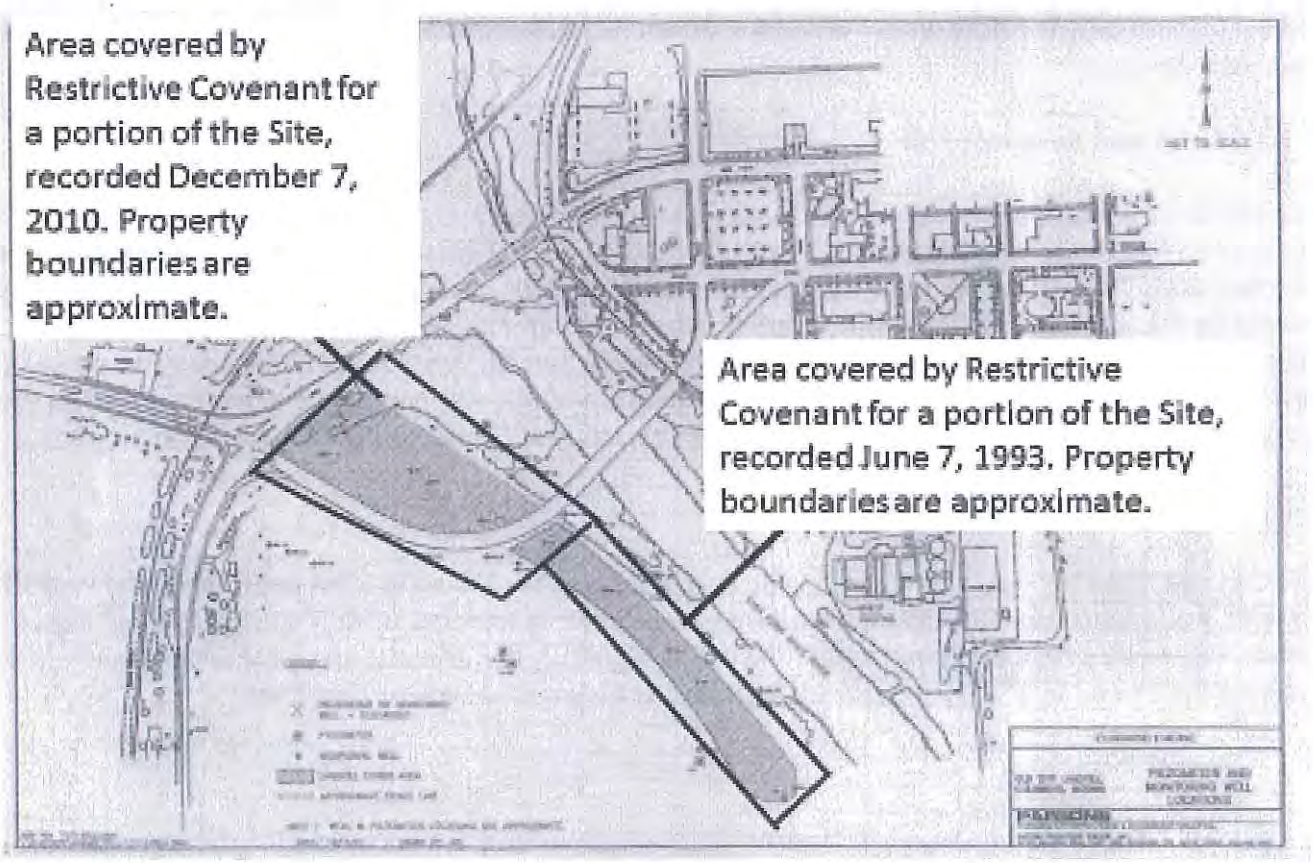


Figure 2. OCL Site.

Hydrology

The uppermost natural deposit of unconsolidated material at the site consists of coarse sand- and gravel-sized material. The sand and gravel deposits extend to a depth of approximately 15 feet below the natural land surface. Underlying the sand and gravel deposit is an intermittent thin sandy clay and gravel zone (glacial till) approximately 2 to 3 feet thick. The thin till zone is underlain by a very coarse sand and gravel deposit which is approximately 15 feet thick. This sand and gravel deposit was found to be continuous across the site. At a depth of approximately 30 to 35 ft below land surface (BLS) (elevation 580-575 ft.), silts and clays containing organic material become prominent. Lenses and thin beds of very fine to coarse grained sand containing silt are mixed throughout this zone. Underlying the silt and clay zone is a firm deposit of silt and clay mixed with pebbles (glacial till). This deeper till deposit lies at a depth of approximately 40 to 45 feet BLS (elevation 570-565 ft.). Based on the soil borings completed in 1968 for the City of Columbus, this till unit is believed to extend to the shale bedrock interface.

The groundwater flow direction is generally to the south-southeast. Depth to groundwater in the OCL area is approximately 5 to 15 feet BLS. At the landfill, where the fill operations have raised the elevation of the land surface, the depth to ground water varies from 15 to 25 feet below the surface of the landfill. The gravel quarry, located near the southeast comer of the OCL, and the East Fork of the White River both function as discharge points for the ground water that passes through the shallow aquifer beneath the site. Based on data from the RI, water table elevation fluctuations have generally not altered the groundwater flow direction and horizontal hydraulic gradients, except for the areas near the river and the quarry.

Land and Resource Use

The site forms a low barrier between the farmlands that surround it and the East Fork of the White River to the east. Within the property boundary was the municipal landfill, a shooting range, and a quarry. The shooting range, located on the northwest portion of the property, was used during the 1960s. The quarry, located on the southeast portion of the property, was used until late 1998. Adjacent to the west side of the site, the land is still being used for farming. Part of the landfill was utilized for the construction of a new road and bridge across the East Fork of the White River that was completed in April 1999. The site is currently vacant and is not being used. There are currently no plans for another use of the property.

History of Contamination

The City of Columbus operated the OCL Site as a municipal landfill from 1938 until 1966. The landfill reportedly accepted municipal and industrial wastes, including solvents, acids, bases, paints and heavy metals. The wastes were deposited within the unlined landfill. The site was proposed for inclusion on the National Priorities List (NPL) in September 1985, and included as final in June 1986.

Initial Response

In 1987, an Administrative Order on Consent (AOC) became effective between EPA, IDEM, and several of the PRPs requiring that a RI and FS be conducted for the site.

The surface and subsurface on-site soil analyses indicated the presence of chloroform, methyl ethyl ketone, acetone, and methylene chloride. All other volatile organic compounds (VOCs) were below the

method detection limits (MDLs). All semi-volatile organic compounds (SVOCs) analyzed for were also below MDLs. Cadmium and mercury were the only inorganics detected above background soil levels.

Groundwater samples collected from the twelve on-site monitoring wells and the background well were analyzed for target compounds. The samples did not contain any VOCs above MDLs that were probably not laboratory contaminants. Four SVOCs were detected above MDLs during the two sampling rounds. In the first round of sampling, 2.4-dimethylphenol (23 pg/1), naphthalene (110 pg/1), and 2-methylnaphthalene (6.63 pg/1) were detected above MDLs in one groundwater sample, but there were no SVOCs detected in the sample from this well during the second round. Bis(2-ethylhexyl)phthalate was detected above MDLs in one sample in the second round of groundwater sampling. Seventeen inorganics (of the twenty-three analytes on the list) were detected in at least two groundwater samples, including cadmium and lead.

The landfill material was also sampled during the RI. VOC constituents detected in the waste material samples included: benzene, ethylbenzene, methylene chloride, toluene, acetone, carbon disulfide, methyl ethyl ketone, methyl isobutyl ketone, and xylene. Semi-volatile constituents found in the landfill material included: fluoranthene (4.9 mg/kg), phenanthrene (6.7 mg/kg), pyrene (3.6 mg/kg), naphthalene (8.2 mg/kg), and 2-methylnapthalene (2.3 mg/kg). Three of the eight samples analyzed for SVOCs had detections above MDLs. Pesticides and polychlorinated biphenyls (PCBs) detected included: 4,4'-DDD (estimated concentration~57 mg/kg), alpha-chlordane (maximum concentration--93 mg/kg), and Aroclor 1254 (estimated concentration 0.84 mg/kg). The inorganic analyses indicated the presence of cadmium (24 mg/kg), nickel (95 mg/kg), mercury (0.36 mg/kg), and lead (estimated at 21,700 mg/kg).

A number of inorganic and organic constituents were detected during the remedial investigation in groundwater, surface water, and soils in the vicinity of the landfill. The presence of these constituents may have been due to migration of leachate from the landfill materials. There were no on-site exposure points to the groundwater at the site. Hypothetical future use of the groundwater as a potable source (assuming concentrations present during the RI occur at off-site down gradient wells) would result in exposure within acceptable health-based guidelines. Current (at the time of the RI) and hypothetical future exposure to the surficial soils were estimated to be within acceptable health-based guidelines. Although no residential properties were located on the site at the time of the RI, and no homes were likely to be built on the landfill within the reasonably foreseeable future, the hypothetical future exposure of an adult or child to surface soils was considered and this resulted in acceptable levels of estimated risk based on non-carcinogenic effects and potentially acceptable estimates of excess lifetime cancer risk.

The environmental risks posed by the constituents of concern were judged to be minimal. All constituents detected in surface water were below background concentrations, federal water quality criteria (FWQC), or laboratory-tested chronic LC50 results. Constituents found in sediments did not vary significantly from typical background levels and therefore were not considered to pose a hazard to aquatic life.

Basis for Taking Action

Based on the results of the RI, EPA concluded that no further action, except for the installation of two additional monitoring wells and periodic monitoring of groundwater, was needed at the site. All contaminants evaluated were within the acceptable risk range. Additional groundwater monitoring was required while the road leading to a new bridge over the river was built (see discussion below). This

road was built and subsequent monitoring determined that contaminants were still within the acceptable risk range.

C. REMEDIAL ACTIONS

Remedy Selection and Implementation

On March 31, 1992, EPA issued a ROD for the OCL Site. IDEM concurred on the selected remedy. The ROD stated that the investigation of the site had shown that the risks associated with the landfill, in its condition at the time, were within acceptable health-based and environmental quality-based guidelines. Since the site did not pose an unacceptable risk, the selected remedy was "No Action' (modified)." This remedy called for a minimum of two additional groundwater monitoring wells and groundwater monitoring for a minimum of five more years.

The ROD also included a contingent remedy, referred to as Alternative 2A, to be implemented if the planned road leading to the new bridge were built over the landfill. Although studies suggested that construction of the roadway should not pose any unacceptable risks, it was not possible to fully predict future site conditions with the roadway in place, so this contingent remedy was identified. There was a concern that more leachate could be generated due to compression of soils and waste material from the added weight that would result from the presence of the road; which could potentially further contaminate the groundwater.

The contingent remedy was implemented because the road and bridge project was built. This contingent remedy included fence installation with warning signs, a landfill cover with associated inspection and maintenance, development of a contingent groundwater recovery system implementation plan, additional groundwater monitoring wells, a groundwater monitoring program, and ICs in the form of deed restrictions on land and water use at the site.

IDEM concurred on the selected remedy. IDEM and three of the PRPs, including the City of Columbus, signed a Consent Decree (CD), which was entered in April 1993, to implement the remedy. The CD required land- and groundwater-use restrictions at the site by recording declarations of restrictions and covenants upon real estate. The ROD also said that EPA would request the local municipality to enact a zoning ordinance to forbid use of the site and restrict drilling of groundwater wells. However, this additional layer of control through the use of a zoning ordinance was not pursued because the City of Columbus and the other site owners agreed to restrict use of the site and prohibit installation of groundwater wells at the site by recording restrictions to their real estate.

Two additional monitoring wells (MW-24 and MW-25) were installed in November 1993 down gradient from the site.

Attachment I of the CD Scope of Work (SOW) identified groundwater sampling analytes for the monitoring program, which included iron, manganese, lead, arsenic, total petroleum hydrocarbons (TPH), and total organic carbon (TOC). Groundwater monitoring and inspection of the site was initiated in December 1993 and continued on a bi-monthly basis until six months after bridge construction was completed, through October 1999. For the monitoring program, thirteen wells were sampled. Criteria for implementation of the groundwater recovery system contingency (GRSC) plan were designated in the CD. GRSC implementation would be necessary if the groundwater from an individual well exceeded a maximum contaminant level (MCL) for a target compound in two confirmatory samples. It was never

necessary to implement the GRSC plan since the concentrations of the target compounds have been below the MCLs. There were some detections of iron and manganese that exceeded the secondary maximum contaminant levels (SMCLs). Aesthetics such as taste and odor are addressed by SMCLs (these are not associated with any health risks). Based on the review of the analytical results in 1999, the monitoring and site inspection schedule was changed to semi-annually, and this continued until April 2003. Groundwater monitoring ceased in April 2003. Groundwater monitoring was discontinued after April 2003 because concentrations of COCs were at or below the levels of concern for at least five consecutive years as required in the ROD.

A "Declaration of Restrictions and Covenants Upon Real Estate" was signed by the land owners, two individuals and a trust, on June 2, 1993. This restricted groundwater and land use for part of the site, consisting of approximately 9.7 acres. This Declaration covers only the landfill area southeast of the new roadway. This was recorded with the county on June 7, 1993. A second Restrictive Covenant was signed December 10, 2010.

The site achieved construction completion with the signing of the Preliminary Close Out Report on September 15, 1994.

Bridge and roadway construction began in April 1998. The final design for the bridge called for the western abutment of the bridge to be located at the northwest portion of the landfill. A portion of the landfill was excavated while IDEM staff were at the site. As a health and safety precautionary measure, the bridge contractor monitored the ambient air during the soil excavation. The excavated soil was temporarily staged at the site and was covered and tested. Based on the soil analytical data, the excavated soil was suitable as fill material for the approach road that was built across the landfill.

Fence installation was completed in May 1999, prior to opening the road and bridge to the public. Instead of the six-foot fence called for in the SOW of the CD, the four-foot fence requested by the city, with the approval of IDEM, was installed.

An interim remedial action (IRA) report was completed in March 2002. The PRP Group later submitted a final remedial action report.

Figure 1. Access road.

Figure 2. Entry gate.

Figure 3. Site fence.

Figure 4. Fence.

OLD CITY LANDFILL

Columbus, Indiana

GENERAL BI-MONTHLY POST-CLOSURE INSPECTION REPORT

Date: 12/2/14	Time: 13:00	Weather: overcast 31°F
Inspector: Resnick/Andrews	Title: Director, Environ.	Signature [illegible]

Item		Check For	Condition/Necessary Action
Soil Cover	Erosion or Exposed Refuse	Grass loss, soil loss, ditches, slope condition, exposed materials	No exposed refuse from landfill nor erosion
	Settlement/Ponding	Dead grass, wet spots, cracks	Minimal; all vegetation is good condition
	Animal Burrows	Groundhogs, squirrels, rabbits	Present, but not impacting integrity
	Slopes	Alignment, sliding, etc.	Stable, good repair
Vegetation	Bare areas/erosion	Area, extent, slopes	No bare areas, save for old concrete
	Fertilizer needs	Poor color, no growth	Strong vegetation, none needed
	Lime/soil samples	Take samples if growth poor, or weedy	None required
	Brush, weed growth	Note areas to be mowed or sprayed	Heavy growth stabilizing site
Drainage Ditches/Swales		Diversion channel erosion, grassed swales	Surface drainage paths in good shape
Leachate Seepage		Soil discoloration, ponded liquid, flowing liquid	No leachate observed

General Field Notes: Flood tolerates flooding well. Vegetative cover is heavy, preventing erosion. No problem areas. As in the past, some surface debris remains.

Last date revised: January 31, 1994

Page 1

Figure 5. Post-Closure Inspection Report, Andrew Resnick, Cummins, Inc.

Columbus WWTP Sludge MSW Landfill

1:1,000

0 0.0075 0.015 0.03 mi

0 0.0125 0.025 0.05 km

Landfill Boundaries

Indiana Department of Environmental Management, Office of Land Quality
Indiana Spatial Data Portal, UITS, ESRI
Indiana Department of Transportation (INDOT), U.S. Census Bureau (USCB), Indiana Geographic Information Council (IGIC), UITS, Indiana Spatial Data Portal

Columbus WWTP (327 Water Street)

Looking north at the extant building and fence on the former Columbus WWTP site

Looking southwest at the southwest corner of the former Columbus WWTP site, which appears to contain a vegetated spoil pile (red arrow)

FRW 3-11-92 10246

NOTIFICATION FOR UNDERGROUND STORAGE TANKS

FORM APPROVED
OMB NO. 2050-0068
APPROVAL EXPIRES 9-30-91

FOR TANKS IN IN

RETURN COMPLETED FORM TO

Indiana Department of Environmental Management
Office of Environmental Response
UST Program
P.O. Box 7015
Indianapolis, Indiana 46207-7015 **(317) 243-5022**

STATE USE ONLY

I.D. Number 017373

Date Received

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief or recollection.

RECEIVED FEB 27 1992 IDEM - OER UST SECTION

Who Must Notify? Section 9002 of RCRA as amended, requires that, unless exempted, owners of underground tanks that store regulated substances notify duly designated State or local agencies of the existence of their tanks. Owner means:

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tanks used for the storage, use or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks use for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When to Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached: [ ]

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity): Columbus City Utilities

Street Address: 1111 McClure Rd

County: Bartholomew

City: Columbus State: In ZIP Code: 47202-1987

Area Code: 812 Phone Number: 376-2450

Type of Owner (mark all that apply)

- [ ] Current
- [ ] Former
- [x] State or Local Gov't
- [ ] Federal Gov't (GSA facility I.D. no ____)
- [ ] Private or Corporate
- [ ] Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section I, mark box here) [ ]

Facility Name or Company Site Identifier, as applicable: Wastewater Treatment Plant

Street Address or State Road, as applicable: 327 Water St.

County: Bartholomew

City (nearest): Columbus State: In ZIP Code: 47202

Indicate number of tanks at this location: 3

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands [ ]

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here) [ ]: Harold M. Dyer

Job Title: Supt. - Wastewater Treatment Plant

Area Code: 812 Phone Number: 376-3725

IV. TYPE OF NOTIFICATION

[ ] Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (READ AND SIGN AFTER COMPLETING SECTION VI)

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative	Signature	Date Signed
Harold M. Dyer, Supt.-Wastewater Treatment Plant	Harold M. Dyer	2-26-92

(Continue on Reverse Side)

Attachment 45

Owner Name (from Section I) Columbus City Utilities Location (from Section II) Columbus, In Page No. 2 of 5 Pages

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (COMPLETE FOR EACH TANK AT THIS LOCATION)

Tank Identification No. (e.g., ABC-123) or Arbitrarily Assigned Sequential Number e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No.	Tank No.
1. Status of Tank (mark all that apply) Currently in Use					
Temporarily Out of Use					
Permanently Out of Use	X	X	X		
Brought into Use after 5/8/86					
2. Year Installed (e.g., 1986)	Prior to 1980	Prior to 1980	Prior to 1980		
3. Estimated Total Capacity (Gallons)	1000	4000	8000		
4. Material of Construction (mark all that apply) Steel	X	X	X		
Concrete					
Fiberglass Reinforced Plastic					
Unknown					
Other Please Specify					
5. Internal Protection (mark all that apply) Cathodic Protection					
Interior Lining (e.g., epoxy resins)					
None	X	X	X		
Unknown					
Other Please Specify					
6. External Protection (mark all that apply) Cathodic Protection					
Painted (e.g., asphaltic)					
Fiberglass Reinforced Plastic Coated					
None	X	X	X		
Unknown					
Other Please Specify					
7. Piping (mark all that apply) Bare Steel					
Galvanized Steel	X	X	X		
Fiberglass Reinforced Plastic					
Cathodically Protected					
Unknown					
Other Please Specify					
8. Substance Currently or Last Stored in Greatest Quantity by Volume (mark all that apply) a. Empty					
b. Petroleum					
Diesel	X				
Kerosene					
Gasoline		X	X		
Used Oil					
Other Please Specify					
C. Hazardous Substance					
Please Indicate Name of Principal CERCLA Substance					
or Chemical Abstract Service (CAS) No.					
Mark box if tank stores a mixture of substances					
D. Unknown					
9. Additional Information (for tanks permanently taken out of service) a. Closure Date (mo./yr.)	1/92	1/92	1/92	/	/
b. Mark box if removed from the ground	X				
c. Mark box if tank filled with inert material (e.g., sand, concrete gravel)					

Attachment 46

Owner Name (from Section I) Columbus City Utilities Location (from Section II) Columbus, In. Page No. 3 of 5 Pages

VII. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW OR EXISTING UPGRADED TANKS AT THIS LOCATION)

10. ☐ The information in items 11 through 14 applies to all tanks at ths facility.

☐ The information in items 11 through 14 applies to tank number 1 2 & 3.

(Refer to the tank numbers used on page 2 in completing this item. Then use copies of page 3 to supply information for each remaining tank.)

11. Release Detection (mark all that apply):

- ☐ Manual tank gauging.
- ☐ Tank tightness testing with inventory controls.
- ☐ Automatic tank gauging.
- ☐ Vapor monitoring.
- ☐ Ground-water monitoring.
- ☐ Interstitial monitoring within a secondary barrier.
- ☐ Interstitial monitoring within secondary containment.
- ☐ Automatic line leak detectors.
- ☐ Line tightness testing.
- ☐ Another method allowed by the implementing agency. Please specify:

12. Cathodic Protection (if applicable):

- ☐ As specified for coated steel tanks with cathodic protection. Circle one: Impressed current / Sacrificial anodes
- ☐ As specified for coated steel piping with cathodic protection. Circle one: Impressed current / Sacrificial anodes
- ☐ Another method allowed by the implementing agency. Please specify:

13. Spill and Overfill Control:

- ☐ Catchment basins.
- ☐ Automatic shut off devices.
- ☐ Overfill alarms.
- ☐ Ball float valves
- ☐ Another method allowed by the implementing agency. Please specify:

14. Installation, Upgrade or Closure (mark all that apply):

- ☐ The installer has been certified by the tank and piping manufacturers.
- ☒ The installer or closure contractor has been certified or licensed by the State Fire Marshal's Office
- ☐ The installation has been inspected and certified by a registered professional engineer.
- ☐ The installation or closure has been inspected and approved by the State Fire Marshal's Office.
- ☐ All work listed on the manufacturer's installation checklists has been completed
- ☐ Another method was used as allowed by the implementing agency. Please specify:

(Section VII continued on Page 4)

Owner Name (from Section I) Columbus City Utilities Location (from Section II) Columbus, In Page No. 4 of 5 Pages

VII. CERTIFICATION OF COMPLIANCE (CONTINUED FROM PAGE 3)

15. OATH: I certify that the information concerning installation, upgrade or closure provided in Item 14 is true to the best of my belief and knowledge.

Installer: (Print) Ralph Farmer (Name) 2/24/92 (Date)

Field in Charge (Position)

Hoosier Equipment Service, Inc. (Company)

(Signature) Ralph Farmer (Name) Certification Number: 90-49-30

16. ☐ I have financial responsibility in accordance with Subpart I. Please specify:

Method:

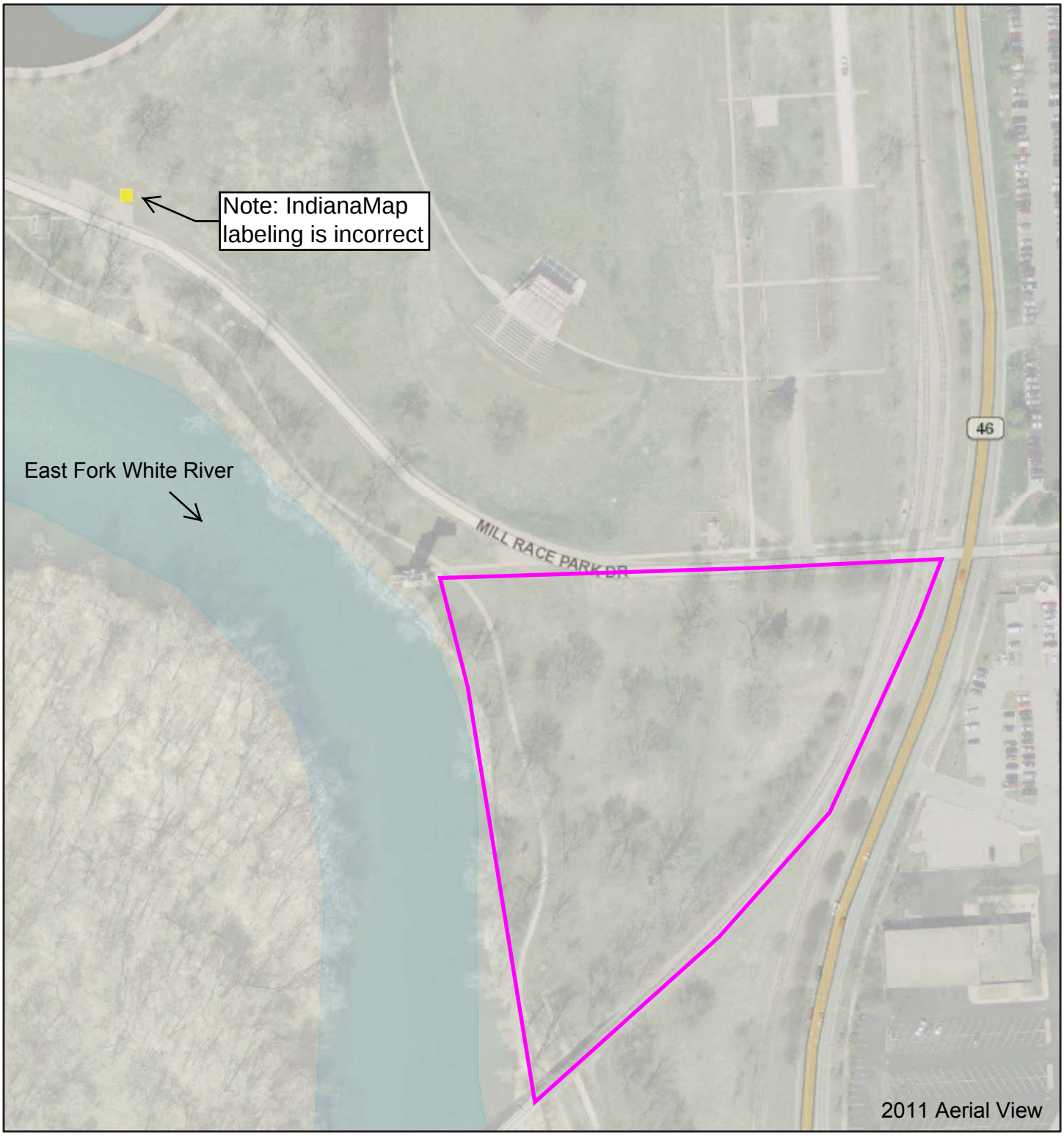
Insurer:

Policy Number:

VIII. DIAGRAM OF TANK FACILITY (INCLUDE ALL NEW OR EXISTING TANKS AND THEIR ASSOCIATED PIPING AND DISPENSERS)

Attachment 48

Indiana Gas / Columbus MGP



Manufactured Gas Plants

General Site Location

1:2,000

0 0.015 0.03 0.06 mi

0 0.0275 0.055 0.11 km

Indiana Department of Environmental Management, Office of Land Quality
Indiana Spatial Data Portal, UITS, ESRI
Indiana Department of Transportation (INDOT), U.S. Census Bureau (USCB), Indiana Geographic Information Council (IGIC), UITS, Indiana Spatial Data Portal

Indiana Gas / Columbus MGP (Mill Race Park)

Looking east along Carl Miske Drive towards Lindsey Street (within Mill Race Park); the former Indiana Gas / Columbus MGP site was located on both sides of Carl Miske Drive in this area

Looking southeast from Carl Miske Drive at former Indiana Gas / Columbus MGP site within Mill Race Park; this area is protected under an Environmental Restrictive Covenant

VECTREN
Live Smart

Vectren Corporation
P.O. Box 209
Evansville, Indiana 47702-0209

RECEIVED
FEB 14 2013
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
OFFICE OF LAND QUALITY

February 11, 2013

Mr. Damon Ridley, Project Manager
IDEM - Voluntary Remediation Program
100 N. Senate Ave.
Mail Code 66-22
Indianapolis, IN 46204-2251

Re: VRP Site (#6000411)
Columbus MGP

Dear Mr. Ridley,

Attached to this letter is a copy of the fully executed and recorded Environmental Restrictive Covenant (ERC) for the Columbus MGP site. I visited the Bartholomew County Recorder's office on February 6th, 2013 and had the ERC recorded as indicated in the attached affidavit.

At this point, I believe that we have completed all the requirements of the VRP necessary to receive a Certificate of Completion for the site remediation. It has been a pleasure working with you on this project. If you have any questions, please call me at (765) 287-2155 or email at sspears@vectren.com.

Sincerely,

Steven W. Spears

Steven W. Spears, LPG
Manager of Environmental Remediation Projects
Vectren Corporation

AFFIDAVIT FOR RECORDING OF AN ENVIRONMENTAL RESTRICTIVE COVENANT

I, the undersigned, being of the age of majority and duly sworn upon my oath, have personal knowledge of the facts stated herein:

- the enclosed copy of the Environmental Restrictive Covenant ("ERC") and its Attachments were recorded in the Bartholomew County Recorder's _____ Book and were cross-referenced to Deed Record Number Platt book G p141 _____, which is the recorded deed that concerns the property subject to the land use requirements contained in the ERC; and

- the enclosed copy represents the ERC and its Attachments in their entirety as agreed to by the Indiana Department of Environmental Management and the property owner.

ERC County Recorder's Book and Page or Instrument Number: 201300001719

Number of Pages Recorded: 26

I swear or affirm under the penalties for perjury that the foregoing representations are true and accurate to the best of my knowledge and belief.

Steven W. Spears
Signature of Property Owner

2-11-13
Date

STEVEN W. SPEARS
Print or type name

Mgr of Environmental Remediation Projects
Position

STATE OF IN)
) SS:
COUNTY OF Delaware)

Before me, the undersigned, a Notary Public in and for said County and State, personally appeared Steven Spears, who acknowledged the execution of the foregoing instrument for and on behalf of the Owner.

Witness my hand and Notarial Seal this 11th day of February, 2013.

OFFICIAL SEAL
NATHAN COE
NOTARY PUBLIC - INDIANA
RANDOLPH COUNTY
My Comm. Expires Aug. 15, 2018

Nathan Coe, Notary Public

Residing in Randolph County, IN

My Commission Expires: Aug 15, 2018

201300001719
Filed for Record in
BARTHOLOMEW COUNTY, IN
ANITA L HOLE, COUNTY RECORDER
02-06-2013 At 10:20 am.
COVENANT 63.00

Environmental Restrictive Covenant

THIS ENVIRONMENTAL RESTRICTIVE COVENANT ("Covenant") is made this 23rd day of October, 2012, by the Parks Department, City of Columbus, Bartholomew County, Indiana.

WHEREAS: Owner is the fee owner of certain real estate in the County of Bartholomew, Indiana, which is part of the City Park called Mill Race Park more particularly described in the attached Exhibit "A" ("Real Estate"), which is hereby incorporated and made a part hereof. This Real Estate was acquired by deed on February 7th, 1969 and recorded on February 7th 1969 as Deed Record Inst. WD98-116, in the Office of the Recorder of Bartholomew County, Indiana. The Real Estate consists of approximately 1.863 acres and has also been identified by the county as parcel identification number[s] 03-95-24-330-000.200-005, and 03-95-24-340-002.000-005

WHEREAS: Indiana Gas Company entered into Indiana's Voluntary Remediation Program ("VRP") to address releases of hazardous substances and/or petroleum ("contaminants of concern") relating to the Real Estate. The Indiana Department of Environmental Management ("IDEM" or the "Department") assigned the project number 6000411. A remediation work plan was prepared in accordance with IC 13-25-5, which was approved by the Department on December 4th, 2006.

WHEREAS: IDEM approved the remediation work plan, which allows certain contaminants of concern to remain in the groundwater and soil, provided that certain land use restrictions are implemented to protect human health. The remaining contaminants of concern are listed in Exhibit "B", which is attached hereto and incorporated herein.

WHEREAS: The remediation work plan and completion report are hereby incorporated by reference and may be examined at the offices of the Department, which is located in the Indiana Government Center North building at 100 N. Senate Avenue, Indianapolis, Indiana. The documents may also be viewed electronically in the Department's Virtual File Cabinet by accessing the Department's Web Site (currently www.in.gov/idem/).

NOW THEREFORE, The Parks Department, City of Columbus subjects the Real Estate to the following restrictions and provisions, which shall be binding on the current Owner and all future Owners:

I. RESTRICTIONS

1. Restrictions. The Owner:

(a) Shall not use or allow the use of the Real Estate for residential purposes, including, but not limited to, daily child care facilities or educational facilities for children (e.g., daycare centers or K-12 schools).

(b) Shall not use or allow the use or extraction of groundwater at the Real Estate for any purpose, including, but not limited to: human or animal consumption, gardening, industrial processes, or agriculture, except that groundwater may be extracted in conjunction with environmental investigation and/or remediation activities.

(c) Shall not use the Real Estate for any agricultural use.

(d) Shall restore soil disturbed as a result of excavation and construction activities in such a manner that the remaining contaminant concentrations do not present a threat to human health or the environment. This determination shall be made using the Department's Risk Integrated System of Closure ("RISC") Technical Guidance Document. Upon the Department's request, the Owner shall provide the Department written evidence (including sampling data) showing the excavated and restored area, and any other area affected by the excavation, does not represent such a threat. Contaminated soils that are excavated must be managed in accordance with all applicable federal and state laws, and disposal of such soils must also be done in accordance with all applicable federal and state laws.

(e) Shall neither engage in nor allow excavation of soil at depths greater than 6 feet in the area identified as the "Construction Worker Restriction Area (RBRG)" on the attached Exhibit C (which is incorporated herein), unless the soil disturbance obligations listed in the preceding paragraph are followed. In addition, the Owner shall provide written notice to the Department in accordance with paragraph 14 below at least 30 days after the start of soil disturbance activities. The owner, upon the Department's request, shall provide the Department evidence showing the excavated and restored area does not represent a threat to human health or the environment.

(f) Shall not construct or allow occupancy of a dwelling or work space on the Real Estate unless a vapor mitigation system is installed, operated, and maintained within the dwelling or work space. IDEM may waive this restriction in writing if the Owner has provided data and analysis demonstrating to IDEM's satisfaction that there is no unacceptable risk to human health via the vapor intrusion exposure pathway.

II. GENERAL PROVISIONS

2. Restrictions to Run with the Land. The restrictions and other requirements described in this Covenant shall run with the land and be binding upon, and inure to the benefit of the Owner of the Real Estate and the Owner's successors, assignees, heirs and lessees and their authorized agents, employees, contractors, representatives, agents, lessees, licensees, invitees, guests, or persons acting under their direction or control (hereinafter "Related Parties") and shall continue as a servitude running in perpetuity with the Real Estate. No transfer, mortgage, lease, license, easement, or other conveyance of any interest in or right to occupancy in all or any part of the Real Estate by any person shall affect the restrictions set forth herein. This Covenant is imposed upon the entire Real Estate unless expressly stated as applicable only to a specific portion thereof.

3. Binding upon Future Owners. By taking title to an interest in or occupancy of the Real Estate, any subsequent Owner or Related Party agrees to comply with all of the restrictions set forth in paragraph 1 above and with all other terms of this Covenant.

4. Access for Department. The Owner shall grant to the Department and its designated representatives the right to enter upon the Real Estate at reasonable times for the purpose of monitoring compliance with this Covenant and ensuring its protectiveness; this right includes the right to take samples and inspect records.

5. Written Notice of the Presence of Contamination. Owner agrees to include in any instrument conveying any interest in any portion of the Real Estate, including but not limited to deeds, leases and subleases (excluding mortgages, liens, similar financing interests, and other non-possessory encumbrances), the following notice provision (with blanks to be filled in):

NOTICE: THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL RESTRICTIVE COVENANT, DATED_____ 20__, RECORDED IN THE OFFICE OF THE RECORDER OF _____COUNTY ON _____, 20__, INSTRUMENT NUMBER (or other identifying reference) _____ IN FAVOR OF AND ENFORCEABLE BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT.

6. Notice to Department of the Conveyance of Property. Owner agrees to provide notice to the Department of any conveyance (voluntary or involuntary) of any ownership interest in the Real Estate (excluding mortgages, liens, similar financing interests, and other non-possessory encumbrances). Owner must provide the Department with the notice within thirty (30) days of the conveyance and: (a) include a certified copy of the instrument conveying any interest in any portion of the Real Estate; (b) if it has been recorded, its recording reference; and (c) the name and business address of the transferee.

7. Indiana Law. This Covenant shall be governed by, and shall be construed and enforced according to, the laws of the State of Indiana.

III. ENFORCEMENT

8. Enforcement. Pursuant to IC 13-14-2-6 and other applicable law, the Department may proceed in court by appropriate action to enforce this Covenant. Damages alone are insufficient to compensate IDEM if any owner of the Real Estate or its Related Parties breach this Covenant or otherwise default hereunder. As a result, if any owner of the Real Estate, or any owner's Related Parties, breach this Covenant or otherwise default hereunder, IDEM shall have the right to request specific performance and/or immediate injunctive relief to enforce this Covenant in addition to any other remedies it may have at law or at equity. Owner agrees that the provisions of this Covenant are enforceable and agrees not to challenge the provisions or the appropriate court's jurisdiction.

IV. TERM, MODIFICATION AND TERMINATION

9. Term. The restrictions shall apply until the Department determines that the contaminants of concern no longer present an unacceptable risk to the public health, safety, or welfare, or to the environment.

10. Modification and Termination. This Covenant shall not be amended, modified, or terminated without the Department's prior written approval. Within thirty (30) days of executing an amendment, modification, or termination of the Covenant, Owner shall record such amendment, modification, or termination with the Office of the Recorder of Bartholomew County and within thirty (30) days after recording, provide a true copy of the recorded amendment, modification, or termination to the Department.

V. MISCELLANEOUS

11. Waiver. No failure on the part of the Department at any time to require performance by any person of any term of this Covenant shall be taken or held to be a waiver of such term or in any way affect the Department's right to enforce such term, and no waiver on the part of the Department of any term hereof shall be taken or held to be a waiver of any other term hereof or the breach thereof.

12. Conflict of and Compliance with Laws. If any provision of this Covenant is also the subject of any law or regulation established by any federal, state, or local government, the strictest standard or requirement shall apply. Compliance with this Covenant does not relieve the Owner of its obligation to comply with any other applicable laws.

13. Change in Law, Policy or Regulation. In no event shall this Covenant be rendered unenforceable if Indiana's laws, regulations, guidance, or remediation policies (including those concerning environmental restrictive covenants, or institutional or engineering controls) change as to form or content. All statutory references include any successor

provisions.

14. Notices. Any notice, demand, request, consent, approval or communication that either party desires or is required to give to the other pursuant to this Covenant shall be in writing and shall either be served personally or sent by first class mail, postage prepaid, addressed as follows:

To Owner:
City of Columbus
123 Washington Street
City Hall - Mayor's office
Columbus, IN 47201

To Department:

IDEM, Office of Land Quality
100 N. Senate Avenue
IGCN 1101
Indianapolis, IN 46204-2251
Attn: Section Chief, Voluntary Remediation Program

An Owner may change its address or the individual to whose attention a notice is to be sent by giving written notice via certified mail.

15. Severability. If any portion of this Covenant or other term set forth herein is determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions or terms of this Covenant shall remain in full force and effect as if such portion found invalid had not been included herein.

16. Authority to Execute and Record. The undersigned person executing this Covenant represents that he or she is the current fee Owner of the Real Estate or is the authorized representative of the Owner, and further represents and certifies that he or she is duly authorized and fully empowered to execute and record, or have recorded, this Covenant.

Owner hereby attests to the accuracy of the statements in this document and all attachments.

IN WITNESS WHEREOF, The Parks Department, City of Columbus, *the* said Owner of the Real Estate described above has caused this Environmental Restrictive Covenant to be executed on this 23rd day of October, 2012.

I affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, as required by law.

Kristen Brown, *City of Columbus* Mayor

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, the undersigned, a Notary Public in and for said County and State, personally appeared Kristen Brown, the _____ of the Owner, _____, who acknowledged the execution of the foregoing instrument for and on behalf of said entity.

Witness my hand and Notarial Seal this 1st day of November, 2012.

Colleen S. Stone
Colleen S. Stone, Notary Public
Residing in Bartholomew County, IN

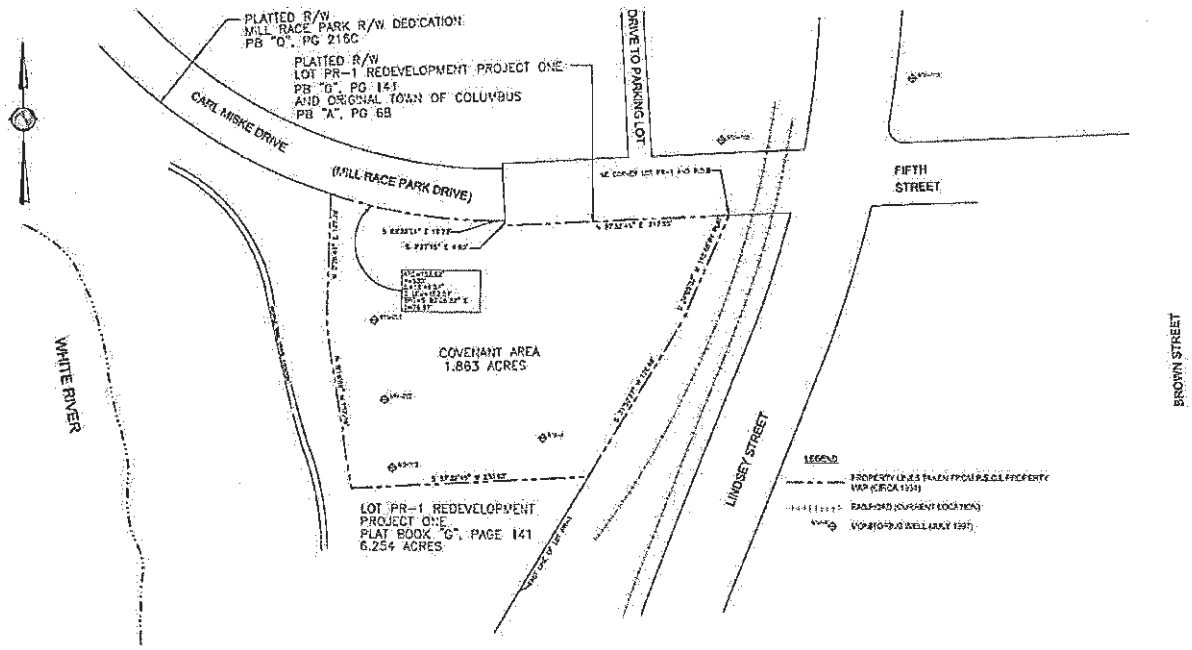
My Commission Expires: 3-8-18

This instrument prepared by:
Steven W. Spears
1800 West 26th Street
Muncie, IN 47302

I affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, unless required by law:

Steven W. Spears

Approved by Board of works 10-23-12.



WELL #	NORTHING	EASTING	GROUND ELEV.	RIM ELEV.	AMT TO PVC	PVC ELEV.	DESCRIPTION
MW4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	PVC
MW5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	PVC
MW6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	PVC
MW7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	PVC
MW8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	PVC
MW9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	PVC
MW10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	PVC

SURVEYOR'S CERTIFICATE

I, PERRY D. CLOYD, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, LICENSED IN COMPLIANCE WITH THE LAWS OF THE STATE OF INDIANA THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS DRAWING CORRECTLY REPRESENTS AN EXHIBIT COMPLETED BY ME OR UNDER MY DIRECT SUPERVISION, IN JANUARY, 2007.

PERRY D. CLOYD, PLS
LS 870036

2-26-07
DATE

CLIENT: MICHAEL DRYER, AMEC

NOTE:

NOAA AND DOT, 2000 LOCATIONS ARE APPROXIMATE
HISTORICAL STRUCTURES LOCATIONS ARE APPROXIMATE
LOCATIONS OF MW-21, 22 & 23 ARE APPROXIMATE
BEARINGS ARE ASSUMED
DISTANCES ARE CALCULATED

NOTE: **SURVEY SERVICES COMPLETED BY:**

MIDWEST SURVEY & MAPPING, INC.
PERRY D. CLOYD
P.O. BOX 26
EDINBURGH, IN 46124
(812) 526-6209 (ph)
(812) 526-6660 (fax)

SURVEYOR'S REPORT

THE PURPOSE OF THIS SURVEY IS TO CREATE EXHIBITS FOR A COVENANT NOT TO SUE AND ENVIRONMENTAL RESTRICTIVE COVENANT AREA WITHIN MILL RACE PARK. IT IS NOT THE INTENT OF THIS PROJECT TO CREATE REAL ESTATE FOR IMPROVEMENT OR TRANSFER. THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR A SURVEYOR LOCATION REPORT.

THEORY OF LOCATION: THE SUFFICIENT RECOVERY OF RECORD DOCUMENTS AND THE LOCATION OF PHYSICAL EVIDENCE SUCH TO TIE THE "USE AREA" TO PLATTED PROPERTIES AND TO REPRESENT THE INTENT OF OUR CLIENT.

EXISTING PROJECT CONDITIONS:

- LOT PR-1 WAS CREATED BY REDEVELOPMENT PROJECT ONE, PLAT BOOK "G", PAGE 141, DATED OCTOBER 31, 1979.
- THE RIGHT OF WAY FOR MILL RACE PARK DRIVE WAS CREATED BY MILL RACE PARK DRIVE R/W DEDICATION, PLAT BOOK "D", PAGE 216C, DATED FEBRUARY 22, 2001.
- A REPRESENTATION OF CLEAR TITLE AND OR EASEMENTS OR ENCUMBRANCES ARE NOT TO BE ENVISIONED BY THIS SURVEY.
- THERE MAY BE UNWRITTEN RIGHTS ASSOCIATED WITH UNCERTAINTIES STATED IN THIS REPORT.
- BEARINGS AND DISTANCES SHOWN HEREON MAY BE SHOWN TO A GREATER PRECISION THAN IS ACCURATELY OBTAINABLE THROUGH FIELD MEASUREMENT. THEY HAVE BEEN SHOWN AS SUCH FOR EVIDENCE OF COMPUTER-AIDED CALCULATIONS, MATHEMATICAL CLOSURES AND RETRACEMENT. THEY DO NOT GUARANTEE OR IMPLY ACCURACIES OF FIELD MEASUREMENTS.
- MATTERS OF ZONING COMPLIANCE IS NOT EXPRESSED OR GUARANTEED.
- THE BENCH SYSTEM FOR THIS PROJECT IS ASSUMED.
- FIELDWORK WAS COMPLETED IN DECEMBER, 2006.
- ELEVATIONS ARE BASED ON GPS TIE CARD FOR STATION "COAZ" FROM THE BARTHOLOMEW COUNTY SURVEYOR'S OFFICE, ELEVATION 628.87.
- COORDINATES ARE BASED ON OPUS SOLUTION [illegible] FOR OBSERVATIONS MADE ON STATION "COAZ" SEPTEMBER 11, 2003.

IN ACCORDANCE WITH TITLE 865, ARTICLE 1.1.5, CHAPTER 12, SECTIONS 1-12-12 OF THE INDIANA ADMINISTRATIVE CODE, THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR A BLOCK OR LOCATION REPORT. HOWEVER, DURING THE COURSE OF LOCATING PHYSICAL EVIDENCE, THE FOLLOWING OBSERVATIONS AND OPINIONS ARE SUBMITTED REGARDING THE VARIOUS UNCERTAINTIES IN THE LOCATIONS OF THE RECORD DOCUMENTS USED ON THIS SURVEY AS A RESULT OF:

A) REFERENCE MONUMENTS:

- NATIONAL GEODETIC SURVEY MARKERS COAL 1 (1993) AND COLUMBUS 2 AZIMUTH MARK RECOVERED AND APPLIED AS THE BASIS TO CALCULATE "MILL RACE PARK DRIVE R/W DEDICATION".
- RIGHT OF WAY MARKERS WERE FOUND AT THE NORTHEAST CORNER AND ALONG THE EASTERLY LINE OF LOT PR-1. THESE MONUMENTS WERE VERIFIED BY LOCATION TO MILL RACE PARK DRIVE AND THE BYSTEVS RAILROAD. THESE MONUMENTS WERE THE ONLY MONUMENTS FOUND AND WERE ACCEPTED AS THE BEST EVIDENCE OF THE INTENDED CORNERS OF SAID LOT, UNCERTAINTY IS ESTIMATED TO BE +/- 0.3 FEET BASED ON MEASUREMENTS MADE BETWEEN MONUMENTS DURING THIS SURVEY AND RECORD DISTANCES.

B) RECORD DISCREPANCIES: THE SUBJECT PROPERTY IS WITHIN THE ABOVE REFERENCED PLATS, THE RECORD PLATS DO NOT REFERENCE EACH OTHER, THEREFORE, UNCERTAINTY IN RECORD DOCUMENTS COULD BE ASCERTAINED.

C) LINES OF OCCUPATION: UNCERTAINTY ALONG THE NORTH LINE OF SUBJECT PROPERTY IS ESTIMATED TO BE +/- 0.5 FEET BASED ON OBSERVATIONS OF PHYSICAL EVIDENCE. UNCERTAINTY ALONG THE EAST LINE IS ESTIMATED TO BE +/- 10 FEET BASED ON EXISTING OVERGROWN VEGETATION. THE BASE OF THE RAILROAD GRADE AND THE AREA CURRENTLY MAINTAINED BY MILL RACE PARK, THE SOUTH AND WEST LINES OF THE "USE AREA" ARE OFFSETS LINES WITH NO CURRENT OCCUPATION AND THEREFORE NO UNCERTAINTY IS ESTIMATED.

D) PERSONAL ERRORS: THE PLATTED POSITION, ACCURACY (DUE TO RANDOM ERRORS IN MEASUREMENT) OF THE CORNERS OF THE SUBJECT TRACT ESTABLISHED THIS SURVEY IS WITHIN THE SPECIFICATION OF AN URBAN SURVEY (+/- 0.7 FEET + 100 PPM AS DEFINED IN 865 IAC 1-12-26).

MILL RACE PARK COVENANT AREA DESCRIPTION

A PART OF LOT PR-1 IN REDEVELOPMENT PROJECT ONE, THE PLAT OF WHICH SUBDIVISION IS RECORDED IN PLAT BOOK "G", PAGE 141 IN THE OFFICE OF THE RECORDER, AND PB D, LOCATED IN THE SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 9 NORTH, RANGE 5 EAST, CITY OF COLUMBUS, ALL IN BARTHOLOMEW COUNTY, INDIANA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT A NORTH EAST CORNER OF SAID LOT; THENCE SOUTH 74 DEGREES 03 MINUTES 00 SECONDS WEST (BEARING ASSUMED) ALONG THE EAST LINE OF SAID LOT, 113.23 FEET (RECORD DISTANCE QUOTED); THENCE SOUTH 31 DEGREES 53 MINUTES 27 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT, 105.00 FEET; THENCE SOUTH 47 DEGREES 32 MINUTES 45 SECONDS WEST 23.60 FEET; THENCE NORTH 88 DEGREES 16 MINUTES 00 SECONDS WEST 107.08 FEET; THENCE NORTH 3 DEGREES 29 MINUTES 41 SECONDS EAST 107.28 FEET TO THE SOUTHERN BOUNDARY OF MILL RACE PARK R/W DEDICATION, THE PLAT OF WHICH DEDICATION IS RECORDED IN PLAT BOOK "D", PAGE 216C IN THE OFFICE OF THE RECORDER OF AFOREMENTIONED COUNTY; THENCE, ALONG THE BOUNDARY OF SAID RIGHT OF WAY DEDICATION, SOUTHEASTERLY, 133.62 FEET ALONG A NON-TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 530.00 FEET AND SUBTENDED BY A LONG CHORD HAVING A BEARING OF SOUTH 50 DEGREES 09 MINUTES 32 SECOND EAST AND A LENGTH OF 133.17 FEET; THENCE SOUTH 83 DEGREES 33 MINUTES 01 EAST, ALONG THE BOUNDARY OF SAID DEDICATION, 11.22 FEET TO AN EAST LINE OF SAID LOT; THENCE SOUTH 3 DEGREES 29 MINUTES 15 SECONDS EAST, ALONG SAID EAST LINE, 43.07 FEET TO A CORNER OF SAID LOT; THENCE NORTH 87 DEGREES 13 MINUTES 49 SECONDS EAST 27.55 FEET, ALONG A NORTH LINE OF SAID LOT, TO THE POINT OF BEGINNING. CONTAINING 1.863 ACRES, MORE OR LESS.

BEARINGS AND DISTANCES SHOWN HEREON MAY BE SHOWN TO A GREATER PRECISION THAN IS ACCURATELY OBTAINABLE THROUGH FIELD MEASUREMENT. THEY HAVE BEEN SHOWN AS SUCH FOR EVIDENCE OF COMPUTER-AIDED CALCULATIONS, MATHEMATICAL CLOSURES AND RETRACEMENT. THEY DO NOT GUARANTEE OR IMPLY ACCURACIES OF FIELD MEASUREMENTS.

Δ						
Δ						
Δ						
Δ						
Δ						
Δ						
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NO.	B	W	DATE	REVISION	DR.	CK.

Client Logo

Client: INDIANA GAS COMPANY

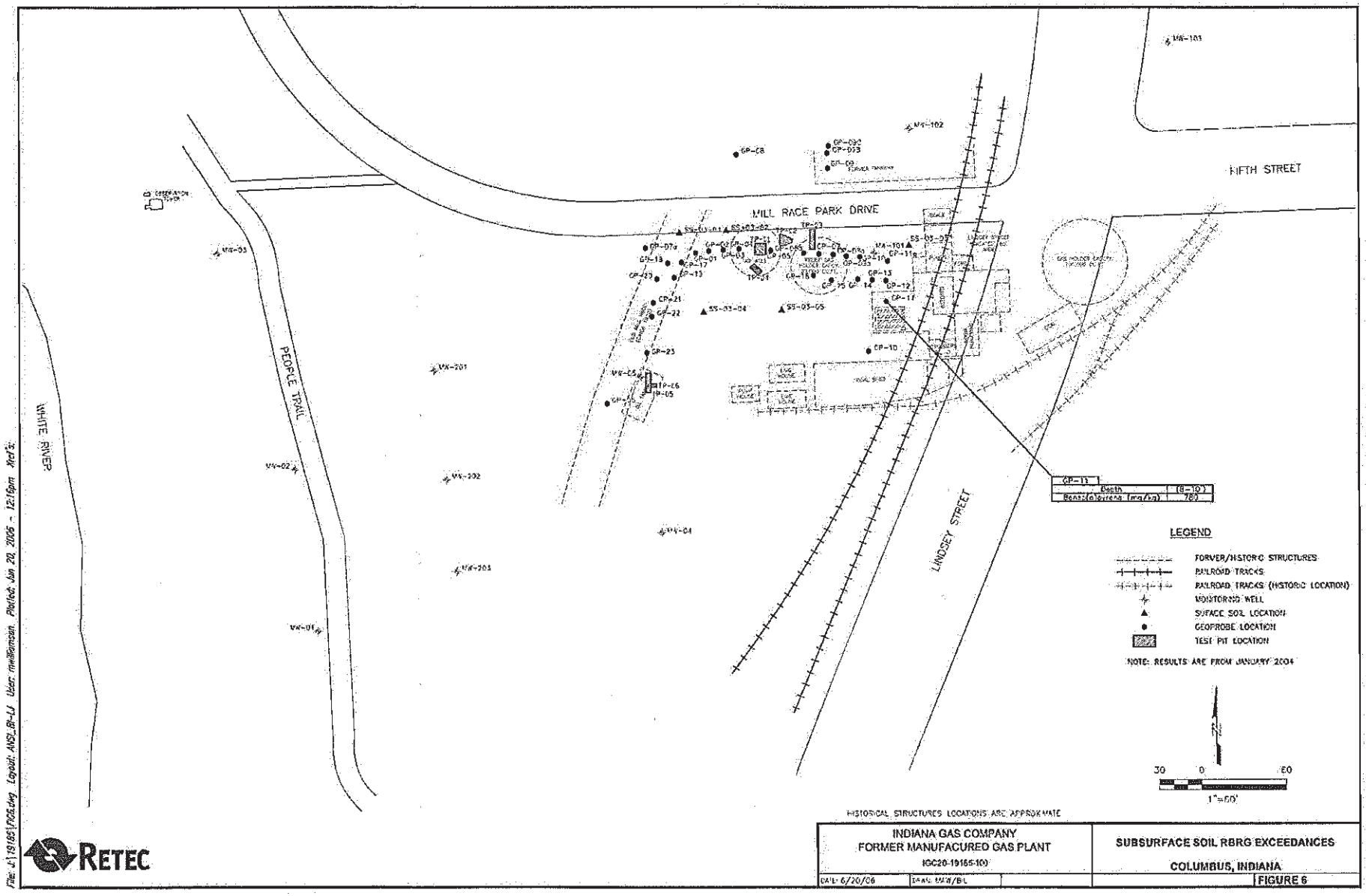
AI/EC Earth & Environmental — amec

DATE: NA
PROJECT NO.: NA
DRAWN BY: R.SCHOVER
CHECKED BY: M.DRYER
SHEET SCALE: AS SHOWN

PROJECT: FORMER MANUFACTURED GAS PLANT COLUMBUS, INDIANA

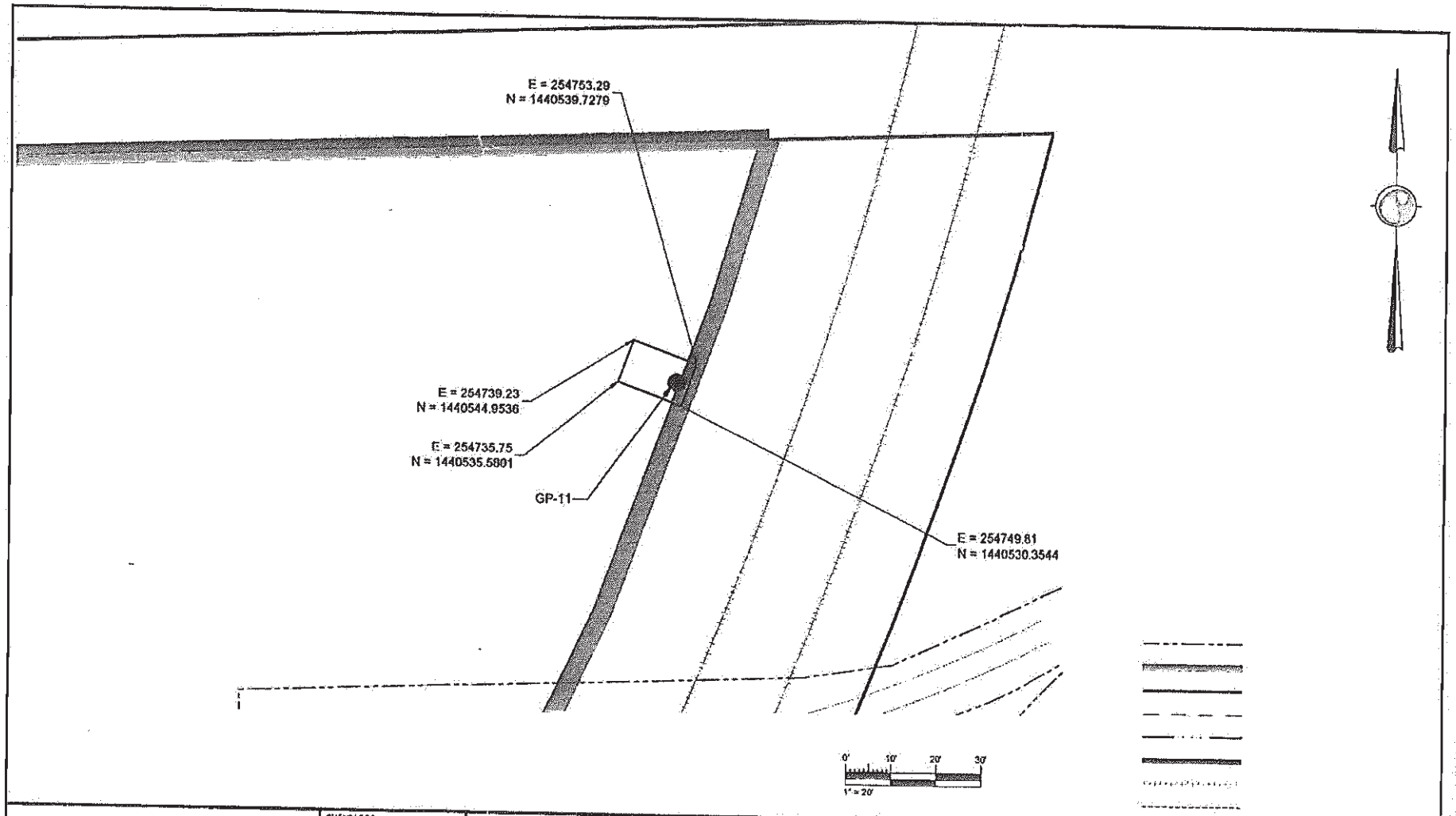
TITLE: COVENANT NOT TO SUE AND ENVIRONVENTAL RESTRICTIVE COVENANT AREA MILL RACE PARK COVENANT EXHIBIT

PROJECT NO.: F-2006-0-00
REVISION: A
DATE: 8 MARCH 2007
DRAWING NO.: 1
SHEETS: 1



INDIANA GAS COMPANY FORMER MANUFACURED GAS PLANT IGC20-19185-100	SUBSURFACE SOIL RBRG EXCEEDANCES COLUMBUS, INDIANA
DATE: 6/20/06 DRAW: MW/BL	FIGURE 6

Instrument 2011000171 Pg 10 of 26



	CLIENT LOGO	CLIENT: INDIANA GAS COMPANY	DRAWN BY: D. DEMPSEY CHECKED BY: M. DEVIR	PROJECT: FORMER MANUFACTURED GAS PLANT COLUMBUS, INDIANA	DATE: 10-25-2012 PROJECT NO. 7-6822-3700
		AMEC Environment & Infrastructure, Inc. 201 SOUTH CAPITOL AVENUE, SUITE 200 INDIANAPOLIS, INDIANA 46225	DATUM: N/A PROJECTION: N/A SCALE: AS SHOWN	TITLE: CONSTRUCTION WORK EXCEEDANCE AREA	REV. NO.: A FIGURE No.: C-1

P:\city_WFD-FS1_Data\Projects\Indiana Gas Company\Columbus_IN\CAD\2012-10-25\C-1.dwg - C-1 - Oct. 25, 2012 1:05pm - dsmd.company

Instrument 2012001719 PG 26 OF 26

October 11, 2012

Mr. Steven W. Spears, LPG
Environmental Affairs Department
Vectren Corporation
1800 West 26th Street
Muncie, IN 47302

Re: Lead Surface Soil Remediation Report
Indiana Gas Company Former MGP Site
Columbus, Indiana
VRP Site Number 6000411

Dear Steve:

AMEC Environment & Infrastructure, Inc. (AMEC) has prepared this Letter Report for the Indiana Gas Company (IGC) former Manufactured Gas Plant (MGP) Site located in Columbus, Indiana. This letter report summarizes the 2006 Risk Assessment, provides background information on the prior site remediation (2001), and documents 2006 final remediation activities at the Columbus MGP Site. **Figure 1** (attached) indicates the location of the former MGP in Columbus. The remedial activities described herein were conducted in accordance with the Letter Work Plan dated December 13, 2006 to address an elevated lead concentration in a confirmation sample located in the southwest portion of Mill Race Park. **Figure 2** (attached) provides the location of the elevated sample. The described activities were completed to remove the potential direct contact pathway associated with the elevated soil lead concentration in this sample location and facilitate regulatory closure of the Columbus MGP Site.

1.0 INTRODUCTION

The Columbus MGP Site has undergone several iterations of investigation and remediation by IGC from 1994 though 2004, including a shallow soil removal (1,500 cu. yds.) in 2001, and extensive groundwater monitoring from 1995 through 2006. In June 2006, RETEC, on behalf of IGC, submitted a Human Health Risk Assessment (RA) (RETEC, 2006) for the Columbus MGP Site incorporating the investigation and remediation results generated between 1994 and 2006. The RA determined that one subsurface soil sample (GP-11) may pose a potential human health risk to an on-site maintenance/utility worker (construction worker) while conducting activities in deeper subsurface soils (> 5 feet depth) at the Site. This elevated subsurface soil concentration is addressed by the Soil Management Plan attached to the RA. Details of the soil removal activities are presented in the 2001 Remediation Work Plan (RETEC, 2001), and details of the 2004 investigation are presented in the Supplemental Site Investigation Report (RETEC, 2004). The Remediation Work Plan (RETEC, 2001) and the RA (RETEC, 2006) have been approved by IDEM.

In 2001 a soil remediation was conducted in the southern portion of Mill Race Park which includes the location of the former MGP Site. At the time, prior investigation activities had identified three sampling locations where elevated constituent concentrations of Polycyclic

Aromatic Hydrocarbons (PAHs) above IDEM VRP Tier II Residential Criteria in surface soil were reported. One of these locations (SS-18) was located in the southwest portion of the park near the concrete people trail. A removal of surface soils was conducted at this location (SS-18) excavating an area approximately 30 feet by 20 feet, and a depth of 2 feet. The soil encountered at the location was fill material (non-MGP in appearance) and predominantly contained bottles and similar municipal waste. Historic information indicated the presence of a squatter's village in this area prior to creation of the park.

Following the soil removal at SS-18 four confirmation samples were collected to document the excavation limit constituent concentrations. One of the confirmation samples, CSS-01-03, located at the far southwest edge of the excavation, and along the concrete people trail reported a concentration of lead (14,400 mg/kg) above the Tier II Nonresidential Criteria of 1,000 mg/kg in surface soil. In consideration of the municipal waste appearance of soil at this location, and lead not being a constituent typically found at MGP sites, this result was dismissed and believed attributable to non-MGP sources.

Benzo(a)pyrene was reported above Tier II Nonresidential levels at CSS-01-14 located in the second excavation area (SS-6 and SS-7). This sample was collected below a grouping of trees and among the root mass. At the time of removal activities the sample result was isolated and the aesthetic value of the tree deemed greater to the park than removal of additional soil. As allowed by VRP guidance, averaging of the confirmation results for this area removed this sample from further consideration.

A third area of the 2001 excavation (SS-19) was located along the western limits of the historic MGP footprint and in the center of the southern portion of the park. Sample SS-19-03 (collected on 03-01-01) reported a concentration of lead at 1,110 mg/kg, and above the IDEM Tier II Nonresidential criteria in surface soil. This sample was one of four preliminary (delineation) samples at SS-19 and served to establish the excavation limits and check compliance with the cleanup criteria. Soil removal activities at the site extended through March 28, 2001, and confirmation samples at the SS-19 excavation were collected on March 23, 2001. The confirmation samples for the SS-19 excavation (CSS-01-16 thru CSS-01-19) all reported lead concentrations below the Tier II Nonresidential and Residential criteria. The SS-19-03 sample result was mis-reported in the 2006 RA, and should have been excluded. The mis-reporting of sample SS-19-03 in the RA and later confirmation samples below Tier II levels were documented in a Memo to S. Ghosh dated December 2006 (AMEC, 2006b). Details of the SS-19 removal activities are detailed in the 2001 RWP (RETEC, 2001).

During a meeting with IDEM on October 25, 2006 to review the RA and site closure plans, IDEM requested that additional remedial activities be conducted at one of the 2001 confirmation sample locations (CSS-01-03) to mitigate potential direct contact with surface soil (elevated lead concentration) at this location (see **Figure 2**). IDEM indicated that placement of 24 inches of additional cover soils compacted over this location would be sufficient to eliminate the exposure pathway.

Subsequent to the IDEM remediation request, IGC met with City of Columbus officials on November 28, 2006 and discussed scenarios that would meet IDEM's objectives and the aesthetic requirements of the City. The agreed remedial approach was detailed in the Letter Work Plan, dated December 13, 2006 (AMEC, 2006), and is summarized in Section 2 below.

2.0 2006 REMEDIAL ACTIVITIES

Based on the remediation plan developed with the City of Columbus, IGC implemented the additional surface soil removal on December 20, 2006, at the location of CSS-01-03. **Figure 2** (attached) depicts the location of CSS-01-03 and the limits of the surface soil excavation. The selected remedial approach allowed implementation in a timely manner as desired by IGC, achieved the IDEM objective to mitigate direct contact with soil associated with this sample, and was conducted during winter months and a lesser period of park use. The removal of soil below the concrete people trail was determined unnecessary as the concrete surface (minimum of 5 feet wide) provides a significant barrier to potential direct contact of the soil below.

Field Kick-Off

Prior to implementation of Site activities, the Indiana One-Call Service was contacted by AMEC to locate utilities in the southern portion of the park where excavation activities were to occur. Concurrently, the City of Columbus Parks Department was contacted and a representative was requested to be present at the site prior to the start of activities to identify any shallow park managed utilities in the excavation area. Mr. Steve Heck from the Parks Department met AMEC personnel at approximately 8:30 am on December 20, and reviewed the excavation area. Mr. Heck indicated an electrical line powering a nearby lamp-post possibly could be passing through the excavation location. The excavation contractor was advised of this potential utility, and caution was taking during the soil removal. No utilities were encountered during the excavation activities. Following the utility inspection, the site specific health and safety plan was reviewed and discussed with the excavation contractor personnel.

Excavation

The surface soil excavation (soil from 0 to 2 feet depth) at CSS-01-03 was implemented on December 20, 2006 and removed approximately 8 cubic yards of shallow soil from the area surrounding the sample location. The former sample location (CSS-01-03) was determined in the field by AMEC personnel using a handheld GPS (Tremble GeoXT) with sub-meter accuracy. The coordinates of the sampling location were previously determined by an Indiana licensed surveyor during the 2001 remedial activities and were programmed into the GPS prior to the field activities. The location of the 2001 soil removal and the confirmation sample location were visually verified based on the recollection of the 2001 construction manager (Mike Devir). The location was confirmed when back fill sand placed during the 2001 remediation activities was encountered.

The limits of the 2006 surface soil removal were 18.5 feet long by 8 feet wide and between 12 and 24 inches deep with the longest dimension parallel to the concrete people trail. The 12 inch depth excavation occurred in the northern portion of the excavation where the sand backfill from the 2001 removal activities was encountered. The 24 inch depth occurred in the southern portion of the excavation and encountered fill soil containing various debris including bottles, rusted metal, and what appeared to be battery packs. The excavated debris was visually inspected during removal and photographed for documentation. The western limits of the excavation extended to the edge of the concrete people trail, or slightly below the concrete surface, creating a vertical excavation cut face. The 18.5 feet dimension, parallel to the people trail, extended with at least 8 feet removed on either side of the CSS-01-03 sampling location.

Figure 3 (attached) illustrates the surveyed excavation limits. Photographs of site activities are provided as an attachment.

The excavated soil was removed by personnel from Wischmeier Nursery, Inc. of Columbus Indiana using a John Deere 790 tractor equipped with an excavator attachment. Soil was excavated and dumped into the bucket of a New Holland LS180 skid steer loader and then transferred to an on-site roll-off. The roll-off container was provided by Waste Management of Indiana and was located near Carle Miske Drive and the park elevator. The equipment for the project was sized to minimize disturbances to the park and to navigate within the dimensions of the concrete people trail.

Air Monitoring
As part of the surface soil removal activities ambient air conditions were monitored prior to and during excavation activities. Ambient air was monitored for visible airborne particulate (PAHs and lead potentially attached to particulate matter), and the presence of volatile organics. The presence of volatile organics was assessed using a Rae Systems MultiRae Plus multi-gas meter, and meteorological conditions determined using a Kestrel 4000 hand-held meteorological monitor. No visible dust was observed during handling of the excavated soil, and all readings with the multi-gas meter remained at background levels (0.0 ppm with PID) throughout excavation operations. The field conditions, instruments readings, and the calibration performed were documented in the project field book.

Site Restoration
Following the removal of surface soil in accordance with the work plan, imported clean backfill was placed and the excavation was restored to original grade. The backfill soil was pulverized topsoil obtained from Nugent Sand Company of Columbus, Indiana. The soil was delivered to the site by Wishmeier personnel using a small stake bed dump truck. The backfill soil was compacted by passes of the skid loader and personnel foot-traffic during final grading. After the topsoil was compacted and graded, fertilizer and seed were placed and raked into the upper surface. The limits of the seeded and fertilized area were extended to include all grassed areas disturbed by equipment during excavation and travel to the soil removal area. Finally, the excavation and surrounding disturbed area were covered in straw and blanketed with a staked erosion control fabric. Photographs of the restored site conditions are provided as an attachment.

In the work plan it was indicated that the placement of seed would be delayed until spring when ambient temperatures are conducive for seed germination. However, following a discussion with Mr. Nick Rush of the City of Columbus Parks Department during inspection of site activities, he indicated the seed could be placed in December as it would remain dormant until spring. Based on this determination, grass seed was placed in all disturbed areas. Additionally, Wishmeier Nursery indicated they would inspect the excavation for settlement and seed germination in the spring, and repair as necessary.

Waste Disposal
The roll-off container used for the project was provided by Waste Management of Indiana and transported to the Site by Gardner Trucking of Nashville, Indiana. The waste soil was disposed at The Waste Management Twin Bridges RDF (Subtitle D Facility) in Danville, Indiana. The roll-off was covered with a tarp upon completion of field activities to prevent precipitation infiltration.

The roll-off was picked up from the site on December 21, 2006, and managed under Indiana Gas Company's soil disposal profile for the Columbus MGP site.

Excavation Survey
The excavation limits were logged using the field GPS and marked with pin-flags for location by the Indiana licensed surveyor. Midwest Surveying and Mapping (Midwest) of Edinburgh, Indiana surveyed the excavation limits approximately a week following the remediation activities. The surveyed excavation limits are provided in **Figure 3**.

Sampling
Confirmatory samples were not collected as was proposed in the Letter Work Plan. During excavation, the clean fill materials from the 2001 removal and the clean bedding materials for the concrete walkway were found to surround the majority of the limits of excavation. Additionally, the initial high lead results have not been replicated in additional sampling. Materials uncovered during excavation were indicative of municipal waste (see photographs attached), and not artifacts of MGP activities.

3.0 CONCLUSION

The surface soil removal activities at CSS-01-03 were implemented in accordance with the IDEM approved Letter Work Plan dated December 13, 2006. The excavation activities removed approximately 8 cubic yards of soil, and encompassed the former confirmation sampling location. Based on the debris observed during the soil removal (i.e. decomposed battery packs), IGC continues to believe the lead result reported in the 2001 confirmation sample was not an artifact from the historic MGP operations. The 2006 soil removal activities removed the potential direct contact pathway associated with lead impacted soil encountered during analysis of the 2001 soil confirmation result. The excavation limits were surveyed by a licensed surveyor and the site was restored to original conditions following the removal activities.

Based on completion of the surface soil remediation conducted in 2001 and 2006, conclusions of the RA, the Environmental Restrictive Covenant being applied to the portion of the park where MGP operations occurred, and the Soil Management Plan addressing future soil activities, the Columbus former MGP Site is ready for request of closure.

4.0 REFERENCES

RETEC, 2001. Remediation Work Plan for Sites Where Phase II Investigation Results is below the Tier I or Tier II Levels, Former Manufactured Gas Plant in Columbus, Indiana, October 2001.

RETEC, 2004. Supplemental Site Investigation Report, Former Manufactured Gas Plant Site, Columbus, Indiana, November, 2004.

RETEC, 2006. Human Health Risk Assessment, Former Manufactured Gas Plant Columbus, Indiana, June 2006.

AMEC, 2006a. Letter Work Plan - Revised, Former Manufactured Gas Plant Columbus, Indiana, December 13, 2006 prepared on behalf of IGC by AMEC to Shawn Ghosh.

AMEC, 2006b, Memo – Human Health Assessment Addendum, to Shawn Ghosh, Vectren, from Mike Devir, AMEC, dated December 28, 2006

If you have questions about this summary of remediation activities, please do not hesitate to contact Mike Devir via phone or email (mike.devir@amec.com). We appreciate the opportunity to assist Vectren with the Columbus MGP Site.

Sincerely,

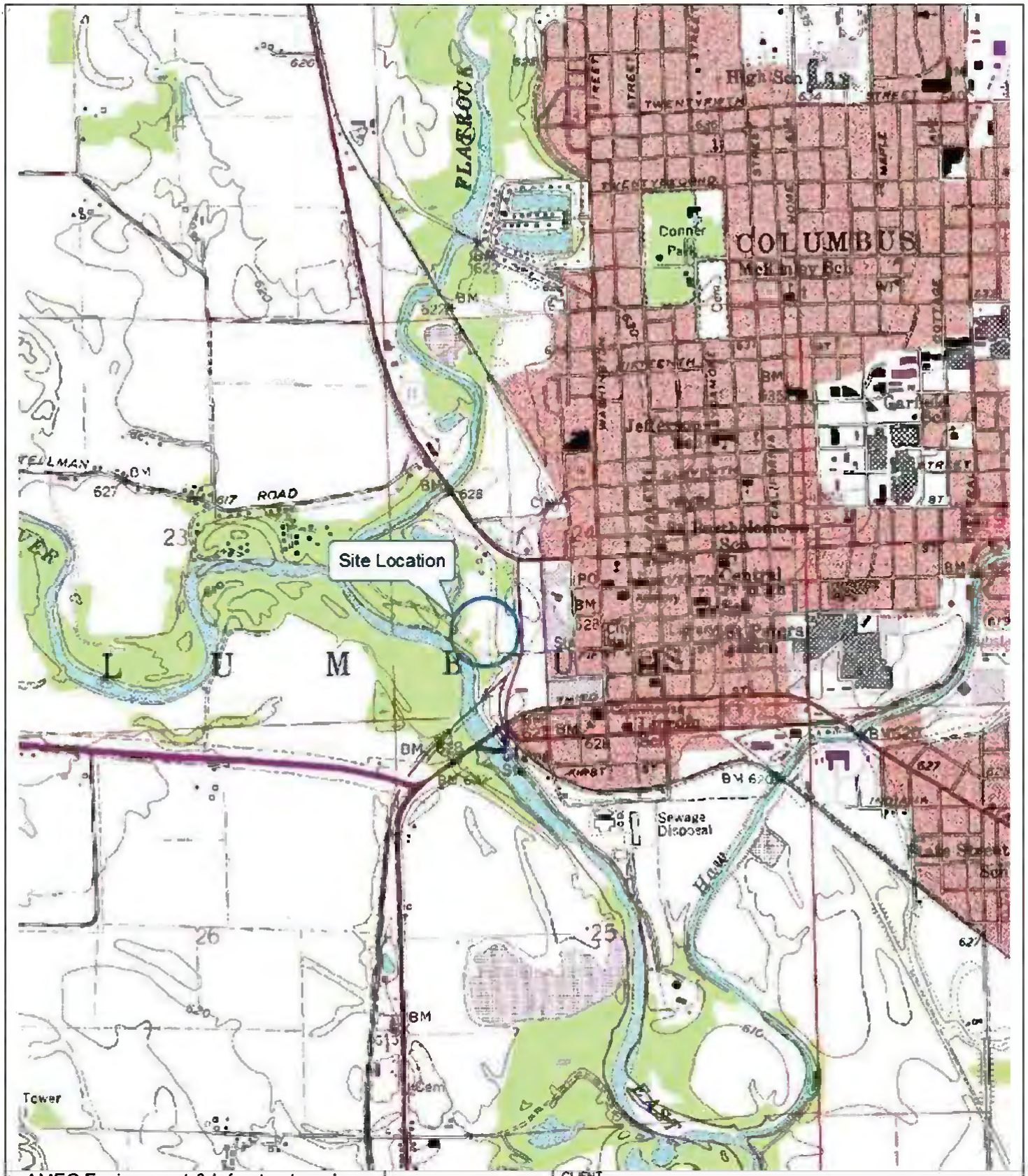
AMEC Environment & Infrastructure, Inc.

Michael J. Devir, PE
Senior Project Manager

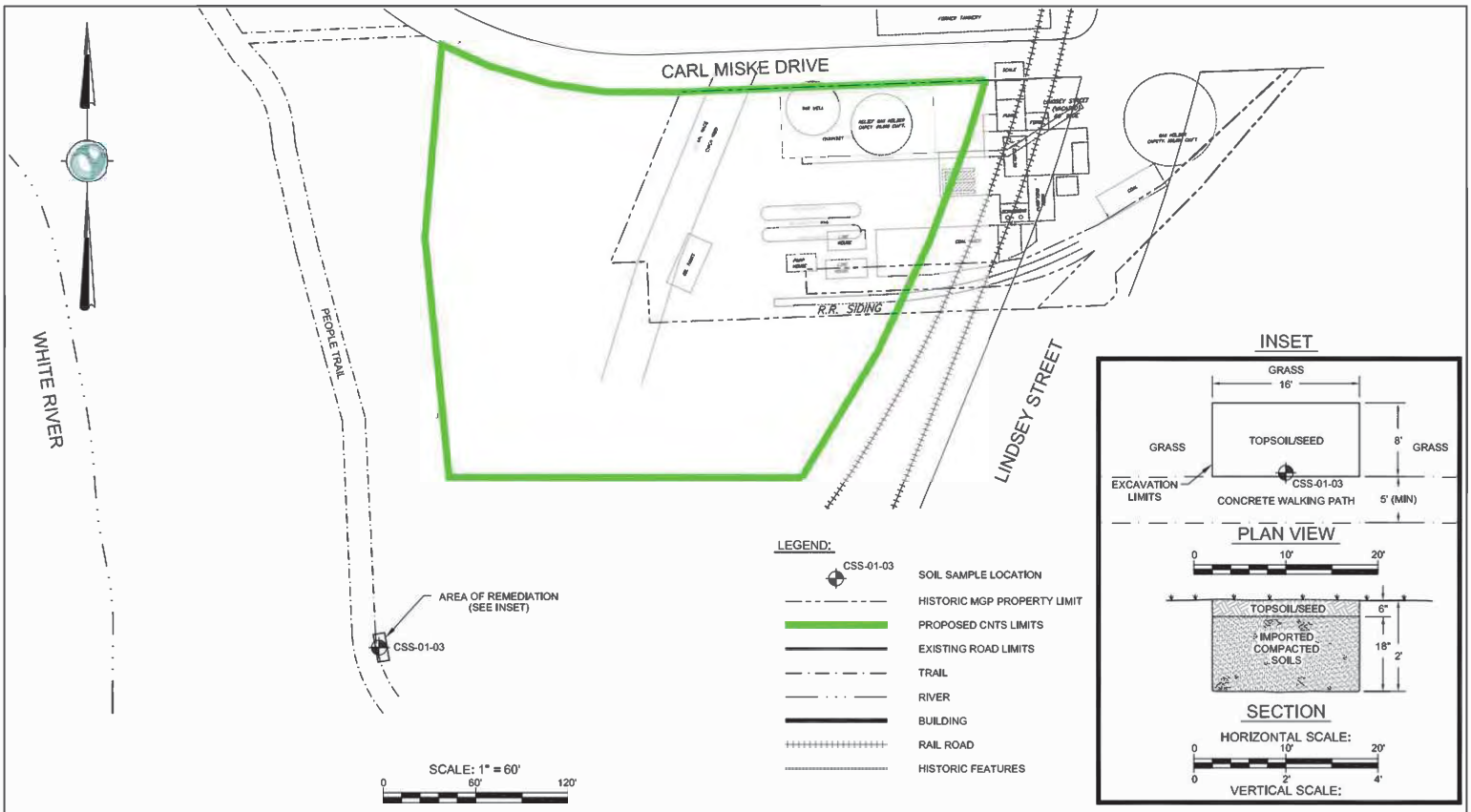
Amy K. Wehnert
Project Manager

Enclosures

cc: Damon Ridley, IDEM VRP PM



AMEC Environment & Infrastructure, Inc. 201 South Capitol Ave., Suite 200 Indianapolis, IN 46225	amec	CLIENT Indiana Gas Company	
PROJECT *Former MGP, Columbus, IN*	DWN BY M Faulkner	DATUM -	DATE September 10, 2012
TITLE Site Location Map	CHK'D BY M. Devir	REV. NO -	PROJECT NO 7-8622-3700
	PROJECTION -	SCALE Not to scale	FIGURE NO 1



	CLIENT LOGO	CLIENT: INDIANA GAS COMPANY	DRAWN BY: R. BOWMAN CHECKED BY: M. DEVIR	PROJECT FORMER MANUFACTURED GAS PLANT COLUMBUS, INDIANA	DATE: 09-10-2012 PROJECT NO: 7-8622-3700
		AMEC Environment & Infrastructure, Inc. 201 SOUTH CAPITOL AVENUE, SUITE 200 INDIANAPOLIS, INDIANA 46225	DATUM: N/A PROJECTION: N/A SCALE: AS SHOWN	TITLE CSS-01-03 SAMPLE LOCATION AREA AND LEAD SOIL REMEDIATION AREA	REV. NO.: A FIGURE No. 2

P:_VECTREN\Indiana Gas Co\Columbus\Lead Removal\Letter Report\FINAL\FIGURE 2 Lead Removal_091012.dwg - Layout1 - Sep. 10, 2012 11:29am - mike.devir

SURVEYOR'S REPORT

THE PURPOSE OF THIS SURVEY IS TO LOCATE THE LIMITS OF AN EXCAVATION AREA WITHIN MILL RACE PARK. IT IS NOT THE INTENT OF THIS PROJECT TO CREATE REAL ESTATE FOR IMPROVEMENT OR TRANSFER. THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR A SURVEYOR LOCATION REPORT.

THEORY OF LOCATION: COORDINATE LOCATION OF THE EXCAVATION AREA FOR FUTURE REFERENCE.

EXISTING PROJECT CONDITIONS:

- THIS EXCAVATION AREA IS LOCATED IN LOT PR-1 REDEVELOPMENT PROJECT ONE, PLAT BOOK "G", PAGE 141, DATED OCTOBER 30, 1972.
- COORDINATES ARE BASED ON OPUS SOLUTION 05532520.03O 000102569 FOR OBSERVATIONS MADE ON STATION "COAZ" SEPTEMBER 11, 2003.
- HORIZONTAL AND VERTICAL CONTROL ARE BASED ON GPS TIE CARD FOR STATION "COAZ" FROM THE BARTHOLOMEW COUNTY SURVEYOR'S OFFICE.
- A REPRESENTATION OF CLEAR TITLE AND/OR EXISTING ENCUMBRANCES ARE NOT TO BE IMPLIED BY THIS SURVEY.
- THERE MAY BE UNWRITTEN RIGHTS ASSOCIATED WITH UNCERTAINTIES STATED IN THIS REPORT.
- BEARINGS AND DISTANCES SHOWN HEREON MAY BE SHOWN TO A GREATER PRECISION THAN IS ACCURATELY OBTAINABLE THROUGH FIELD MEASUREMENT. THEY HAVE BEEN SHOWN AS SUCH FOR EXPEDIENCE OF COMPUTER-AIDED CALCULATIONS, MATHEMATICAL CLOSURES AND RETRACEMENT. THEY DO NOT GUARANTEE OR IMPLY ACCURACIES OF FIELD MEASUREMENTS.
- MATTERS OF ZONING COMPLIANCE IS NOT EXPRESSED OR GUARANTEED.
- FIELDWORK WAS COMPLETED IN DECEMBER, 2006.

SURVEYOR'S CERTIFICATE

I, PERRY D. CLOYD, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, LICENSED IN COMPLIANCE WITH THE LAWS OF THE STATE OF INDIANA; THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS DRAWING CORRECTLY REPRESENTS AN EXHIBIT COMPLETED BY ME, OR UNDER MY DIRECT SUPERVISION, IN JANUARY, 2007.

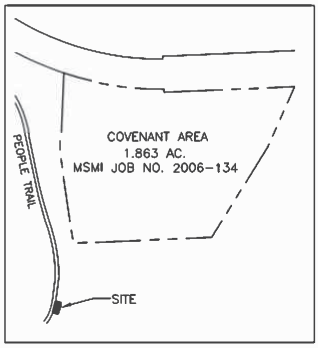
PERRY D. CLOYD, PLS
LS 8700036

2-27-07
Date

PERRY DEE CLOYD
PROFESSIONAL
No. 87000 36
STATE OF INDIANA
LAND SURVEYOR

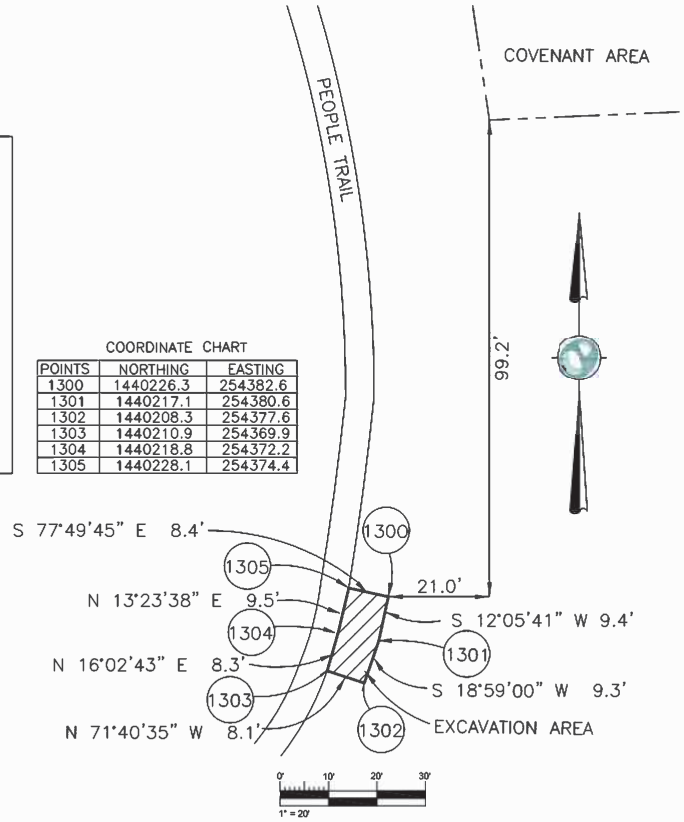
MIDWEST SURVEYING & MAPPING, INC.
PERRY D. CLOYD
P.O. BOX 26
EDINBURGH, INDIANA 46124
(812) 526-6209

LOCATION MAP



COORDINATE CHART

POINTS	NORTHING	EASTING
1300	1440226.3	254382.6
1301	1440217.1	254380.6
1302	1440208.3	254377.6
1303	1440210.9	254369.9
1304	1440218.8	254372.2
1305	1440228.1	254374.4



	CLIENT LOGO	CLIENT: INDIANA GAS COMPANY	DRAWN BY: R. BOWMAN CHECKED BY: M. DEVIR	PROJECT FORMER MANUFACTURED GAS PLANT COLUMBUS, INDIANA	DATE: 10 SEPTEMBER 2012 PROJECT NO: 7-6822-3700
		AMEC Environment & Infrastructure, Inc. 201 SOUTH CAPITOL AVENUE, SUITE 200 INDIANAPOLIS, INDIANA 46225	DATUM: N/A PROJECTION: N/A SCALE: AS SHOWN	TITLE SS-18 EXCAVATION AREA (CSS-01-03 SAMPLING LOCATION) EXCAVATION AREA EXHIBIT	REV. NO.: A FIGURE No. 3

P:_VECTREN\Indiana Gas Co\Columbus\Lead Removal\Letter Report\FINAL\FIGURE 3 - EXCAV AREA EXHIBIT-2004.dwg - Excavation Area Exhibit - Sep. 10, 2012 11:15am - mike.devir

Picture 1: Lead soil excavation to 24-in depth (south end). Looking northwest

Picture 2 – Lead Soil Excavation (north end). Excavation to previous Till limit

Picture 3: Soil transfer process for loading into roll-off. Looking south

Picture 4: Former battery waste found in excavation

Picture 5: Lead soil excavation, stock piling of soil. Looking north.

Picture 6: Partial backfilling of lead soil excavation. Looking south.

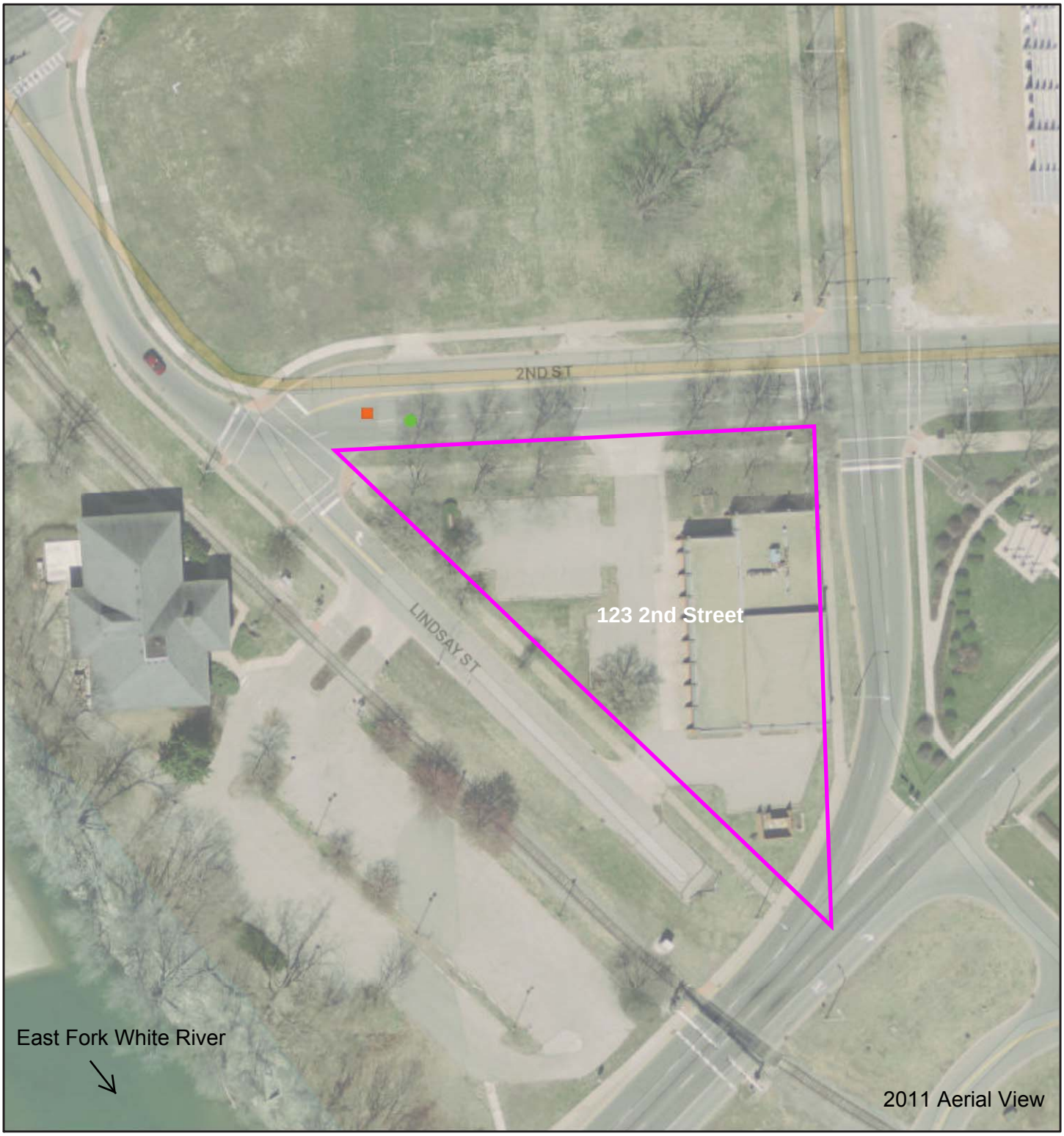
Picture 7: Restoration of excavation area. Looking north.

Picture 8: Excavation location following restoration. Looking south.

Picture 9: Excavated soil in roll-off and contained municipal debris.

Picture 10: Covered roll-off, awaiting disposal pick-up by Waste Management.

Goodyear Auto Service Center



Industrial Waste Sites

Underground Storage Tanks

Not Leaking

Leaking

General Site Location

1:1,000

0 0.0075 0.015 0.03 mi

0 0.0125 0.025 0.05 km

Indiana Department of Environmental Management, Office of Land Quality
Indiana Department of Environmental Management, Office of Land Quality
Indiana Spatial Data Portal, UITS, ESRI
Indiana Department of Transportation (INDOT), U.S. Census Bureau (USCB), Indiana Geographic Information Council (IGIC), UITS, Indiana

Goodyear Auto Service Center (123 Second St.)

Looking southeast at current medical office and parking lot

The Goodyear Tire & Rubber Company

Akron, Ohio 44316-0001

December 14, 1993

RECEIVED
DEC 20 1993
IDEM - OER
UST SECTION

Indiana Department of Environmental Management
Office of Environmental Response
UST Program
P.O. Box 7015
Indianapolis, IN 46207-7015

RE: Amended Notification for Underground Storage Tanks

Facility #002135
Goodyear Auto Service Center #6759
123 Second Street
Columbus, Indiana

Dear Sir/Madam:

Enclosed is an amended notification form for the underground storage tank at referenced facility. The purpose in submitting this notification to you is to inform you of the permanent removal of the underground storage tank in December, 1988 and to inform you that this facility should not be subject to the 93-94 underground storage tank registration fees.

Please check your records regarding this facility.

Yours very truly,

S.C. Makara/jes

Corporate Location Development Manager
Real Estate Department - D/824

S C Makara
jes

Enclosure

cc: Indiana Department of Revenue, Special Tax Division, Environmental Section, Indiana Government Center North, Room N240, Indianapolis, IN 46204-2253
(Notification and Form UST-1 Enclosed)

G 410

STATE FORM 45223 (R1-10/92)

NOTIFICATION FOR UNDERGROUND STORAGE TANKS

FOR TANKS IN **IN** — RETURN COMPLETED FORM TO

Indiana Department of Environmental Management
Office of Environmental Response
UST Program
P.O. Box 7015
Indianapolis, Indiana 46207-7015
(317) 240-6215

DE		
AM		
	MAY 26 1994	

Facility I.D. Number (This number is found on tank fee invoice)	002135	Federal I.D. Number or Social Security Number	34-025-3240
Owner I.D. Number (This number is found on tank fee invoice)	00069	EPA I.D. Number STATE USE ONLY	

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief or recollection.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks use for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;.
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirement apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

RECEIVED DEC 20 1993 IDEM - OER UST SECTION

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy pages 2 and 3 and staple continuation sheets to this form.

Indicate number of continuation sheets attached ☐

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity): The Goodyear Tire & Rubber Company

Street Address: 1144 East Market St, Dept 824

County: Summit

City: Akron State: OH ZIP Code: 44316

Area Code: 216 Phone Number: 796-3019

Date of Ownership of Tanks(s) (effective date of current ownership, mo/day/yr) / /

II. LOCATION OF TANK(S)

(If same as Section I, mark box here) ☐

Facility Name or Company Site Identifier, as applicable: Goodyear Auto Service Center 6759

Street Address or State Road, as applicable: 123 Second Street

County: Bartholomew

City (nearest): Columbus State: ~~OH~~ IN ZIP Code: 47201

Type of Operation (mark all that apply):

- ☐ Motor vehicle fuel dispensing station (automotive or marine)
- ☒ Commerical (dry cleaning store, auto equipment/service store, etc.
- ☐ Industrial
- ☐ Residential
- ☐ Agricultural

Description of Owner:

- ☐ State or Local Gov't
- ☐ Federal Gov't (GSA facility I.D. no. _____)
- ☒ Other Corporation

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here) ☐

Job Title: Store Manager

Area Code: 812 Phone Number: 372-1557

IV. TYPE OF NOTIFICATION

UST REMOVAL ☒ Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (READ AND SIGN AFTER COMPLETING SECTION VI)

I certify under penalty of law that I have personally examined and am familiar with he information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative	Signature (signed in ink)	Date Signed
S C MAKARA Corporate Location Development Mgr Real Estate Department The Goodyear Tire & Rubber Company	S. C. Makara	12/14/93

(Continue on Reverse Side)

Attachment 79

Owner Name (from Section I) Goodyear Location (from Section II) Columbus Page No. 2 of 2 Pages

DESCRIPTION OF UNDERGROUND STORAGE TANKS (COMPLETE FOR EACH TANK AT THIS LOCATION)

Tank Identification No. (e.g., ABC-123) or Arbitrarily Assigned Sequential Number e.g., 1,2,3...)	Tank No. 1	Tank No.	Tank No.	Tank No.	Tank No.
1. **Status of Tank (mark all that apply)** — Currently in Use					
Temporarily Out of Use					
Permanently Out of Use	X				
Brought into Use after 5/8/86					
2. **Date of Installation (mo/day/yr)**	/ /	/ /	/ /	/ /	/ /
3. **Estimated Total Capacity (Gallons)**					
4. **Material of Construction (mark all that apply)** — Steel					
Concrete					
Fiberglass Reinforced Plastic					
Unknown					
Other Please Specify					
5. **Internal Protection (mark all that apply)** — Cathodic Protection					
Interior Lining (e.g., epoxy resins)					
None					
Unknown					
Other Please Specify					
6. **External Protection (mark all that apply)** — Cathodic Protection					
Painted (e.g., asphaltic)					
Fiberglass Reinforced Plastic Coated					
None					
Unknown					
Other Please Specify					
7. **Piping (mark all that apply)** — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Cathodically Protected					
Unknown					
Other Please Specify					
8. **Substance Currently or Last Stored in Greatest Quantity by Volume (mark all that apply)** — **a. Empty**					
b. Petroleum					
Diesel					
Kerosene					
Gasoline					
Used Oil	X				
Other Please Specify					
C. Hazardous Substance					
Please Indicate Name of Principal CERCLA Substance					
or Chemical Abstract Service (CAS) No.					
Mark box if tank stores a mixture of substances					
D. Unknown					
9. **Additional Information (for tanks permanently taken out of service)** — **a. Closure Date (mo/day/yr)**	12/30/88	/ /	/ /	/ /	/ /
b. **Mark box if removed from the ground**	X				
c. Mark box if tank filled with inert material (e.g. sand, concrete gravel)					
d. Date mo/day/yr last used (for tanks temporarily out of use)	/ /	/ /	/ /	/ /	/ /

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

June 6, 2002

Columbus Tire Center
Mr. Larry Davis
301 S. College Avenue
Bloomington, IN 47403-1567

Dear Mr. Davis:

This is in response to your Hazardous Waste Handler Identification form dated May 16, 2002, regarding the following installation:

EPA ID Number: **IND075957522**
Columbus Tire Center
123 Second Street
Columbus, IN 47201

According to the information submitted, this facility is no longer in need of the U.S. EPA ID number. The ID number has been coded as an inactive number. Please DO NOT USE this number without re-notifying the Indiana Department of Environmental Management of your activity.

If you have any questions or need further assistance, please contact me at 317-232-7956.

Sincerely,

Marilyn J. Hansen, Environmental Manager
Facility Data Analysis Section
Office of Land Quality

RECEIVED
MAY 20 2002

OFFICE OF LAND QUALITY
HAZARDOUS WASTE HANDLER IDENTIFICATION

ID FORM

(Instructions at www.in.gov/idem/land/hazwaste/fda.html)

	INFORMATION ON FILE as of 05/09/2002	CHANGES NEEDED (please print)
COUNTY	BARTHOLOMEW	**Reason for submittal** ___Subsequent notification to update information ___As a component of the annual or biennial report
RCRA ID	IND075957522	
NAME	COLUMBUS TIRE CTR	
LOCATION ADDRESS	123 SECOND ST COLUMBUS IN 47201	STORE CLOSED 05-01-00 ___*we moved* * ___*post office change*
MAILING ADDRESS	301 S COLLEGE AVE BLOOMINGTON IN 47403-1511	
CONTACT Title Address Phone Fax E-mail	BENJAMIN WHITE SVC MGR 123 SECOND ST COLUMBUS IN 47201 812-372-1557 Ext	
OWNER Address phone fax e-mail	DAVIS LARRY 123 SECOND ST COLUMBUS IN 47201 812-372-1557 Ext	Did the owner change? ____Yes ____No Date changed: _____/_____/_____
Land type Owner type	P ___*private* ___*municipal* ___*county* P ___*state* ___*federal* ___*district* ___*Indian* ___*other*	* WARNING If you have moved you may no longer use your old RCRA ID number. IDEM will issue a number for your new location.

Contact for questions on the Annual/Biennial report

Last Name _____ First Name _____

Title _____ Phone # _____

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Last Name DAVIS First name LARRY Title Pres.

Signature Larry M Davis Date 5-16-02

Attachment 82

IND075957522 COLUMBUS TIRE CTR

HAZARDOUS WASTE ACTIVITY	OLQ records	Current status	Previous (report) year status *When ID form is sent with HW report*
GENERATOR *LQG = large quantity* *SQG = small quantity* *CEG = conditionally exempt*	SQG	____*LQG* ____*SQG* ____*CEG* ____ *Non-handler* * ____*Out of Business**	____*LQG* ____*SQG* ____*CEG* ____*Non-handler* ____*Out of Business*
TREATMENT, STORAGE, DISPOSAL FACILITY		____ *Active TSD* ____ *Inactive TSD* ____ *Completed RCRA closure* ____ *Post closure activities*	____ *Active TSD* ____ *Inactive TSD* ____ *Completed RCRA closure* ____ *Post closure activities*
TRANSPORTER *S = we transport our own waste* *C = we transport waste for others* *X = transporter, status unknown*		____*We transport our own waste (S)* ____ *We transport for others (C)* ____*No longer transport; still in business* ____*Out of business*	** If you have checked out of business or non-handler, we will deactivate your RCRA ID number.* *You must re-notify IDEM before you may reuse the number.*
EXEMPT BOILER and/or INDUSTRIAL FURNACE			
smelting,melting,refining exemption	____	____ smelting,melting,refining exemption	
small quantity on site burner exemption	____	____ small quantity on site exemption	

USED OIL

____ Transporter ____ Processor ____ Marketer who directs shipment to off-specification burner

____ Transfer Facility ____ Re-refiner ____ Marketer who first claims the oil meets specifications

____ Collection Ctr ____ Off-specification Used Oil Burner

UNIVERSAL WASTE

____

L = large handler
S = small handler

TRANSFER FACILITY

____ Mix ____ Combine ____ Pump ____ Open containers

____ Bulk ____ Comingle ____ Repackage ____ Transfer between vehicles

NAICS CODES ____ ____ ____ ____ *(Go to www.naics.com for codes)*

(primary)

HW CODES ____ ____ ____ ____ *(Box I on the Uniform HW Manifest)*

COMMENTS THIS STORE WAS CLOSED 5-01-00

Return to: Facilities Data Analysis Section, Office of Land Quality
Indiana Department of Environmental Management
PO Box 7035, 100 North Senate Avenue
Indianapolis, Indiana 46207-7035

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

May 10, 2002

VIA CERTIFIED MAIL **70000520002350520472**

Environmental Coordinator
Columbus Tire Ctr
301 S College Ave
Bloomington IN 47403-1511

Re: Violation Letter
2001 Annual Manifest Report
Hazardous Waste Program
Columbus Tire Ctr
IND075957522
Columbus, Bartholomew County

Dear Environmental Coordinator:

As required by IC 13-22-4-3.1, all Indiana small quantity generators, large quantity generators, and treatment, storage, and disposal facilities must complete and submit the Annual Manifest Report to IDEM. This letter is to inform you that as of May 9, 2002, our office has not received the 2001 Annual Manifest Report for Columbus Tire Ctr located at 123 Second St.

If your company acted as a small quantity generator during **any** one calendar month in 2001, you are required to submit the report. If your company was a conditionally exempt small quantity generator every month in 2001 or if no waste was generated or shipped, no report is required. HOWEVER, the enclosed Hazardous Waste Handler Identification form (ID form) must be returned so that your generator status can be updated in our records. Please indicate clearly on the second page of the ID form what your current generator status is (for the year 2002) as well as what your status was in 2001 (previous report year status).

The Indiana legislators passed Senate Enrolled Act 511 in 2000; now known as IC 13-22-4-3.1. This new State Law took effect January 1, 2001. The Office of Land Quality has made several outreach efforts to educate hazardous waste generators about the new reporting requirement. In December of 2000, an information letter explaining the new requirements was sent to all hazardous waste generators. From March 2001 through May 2001 postcards were sent to hazardous waste generators inviting them to a series of workshops regarding the new requirements. A total of 15 workshops were held across the state. In November of 2001, a full reporting packet of forms and instructions was sent to generators explaining the reporting

requirements and requested the report be submitted. The reports were due on March 1, 2002. On March 19, 2002 a reporting requirement reminder postcard was sent to those generators who had not yet submitted a response to our office. This reminder gave an eight week due date extension of April 26, 2001. All of these four items were sent to the same address that this letter has been addressed.

Failure to submit the required information within thirty (30) days of the receipt of this letter will result in a referral to the Office of Enforcement.

The Annual Manifest Report consists of two forms; the ID and OS form (Off-Site Shipment form). The ID form has been enclosed for your convenience. The OS form and instructions to the ID form and OS form can be obtained from our web site at: www.IN.gov/idem/land/hazwaste/manifest/amr.html. An electronic reporting option is also available on our web site. If you do not have access to the Internet and you need a copy of the report forms and instruction, please contact any of the staff listed below. Please carefully read all reporting instructions before completing the report.

Completed forms must be mailed to (do not fax the forms):

Indiana Department of Environmental Managment
Office of Land Quality
PO Box 7035
Indianapolis, IN 46207-7035
(for overnight delivery: 100 N Senate Ave; Indianapolis, IN 46204)

If you have any questions, please contact me or any of the staff listed below.

Section Staff	Phone	E-mail
Michelle Weddle	317-233-4624	mweddle@dem.state.in.us
Julian Mills, Section Chief	317-232-7955	jmills@dem.state.in.us
Jenny Ranck Dooley	317-232-8925	jrdooley@dem.state.in.us
Marilyn Hansen	317-232-7956	mjhansen@dem.state.in.us
Marcus Johnson	317-233-0066	mjohnson@dem.state.in.us
Heather Draschil	317-232-1234	hdraschi@dem.state.in.us
Richard Worth	317-233-5156	rworth@dem.state.in.us
Shannon DeBaun	317-233-1521	sdebaun@dem.state.in.us
Tauna Earl	317-233-0068	tearl@dem.state.in.us

Sincerely,

Michelle Weddle

Michelle Weddle, Environmental Manager
Facilities Data Analysis Section
Office of Land Quality

Enclosure: Hazardous Waste Handler Identification form

County Bartholomew
File IA

NOTIFIER DATABASE
INFORMATION UPDATE FORM

EPA ID IND075957522 NAME Goodyear Auto Svc Ctr

____ Review the attached notification and change any information that is different from our current information. IF THE LOCATION ADDRESS IS DIFFERENT DO NOT MAKE ANY CHANGES. Return the form to Marilyn Hansen.

NEW NAME Calumlus Tire Center
(put old name into alias field)

PREVIOUS ID ____

LOCATION ADDRESS ____

MAILING ADDRESS ____

CONTACT ____ PHONE ____

LAND TYPE ____ OWNER TYPE ____

STATUS CODE ____
OFFICIAL FL ____
1=active 5=out-of-business 6=non-handler
2=reg under other ID 3=dead mail

SIC CODES ____ ____ ____ ____

GENERATOR ____
1=LQG
2=SQG
3=CEG

TRANSPORTER ____
s=for own waste
c=commercially
r=don't know

TSD ____

COMMENTS New owner

NAME Marilyn Hansen DATE 1/19/99

over →

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved, OMB No. 2050-0028 Expires 9-30-96
GSA No. 0246-EPA-OT

Please refer to the *Instructions for Filling Notification* before completing this form. The information requested here is required by law (Section 3010 of the *Resource Conservation and Recovery Act*).

EPA

Notification of Regulated Waste Activity

United States Environmental Protection Agency

Date Received (For Official Use Only)
JAN 22 1999
Fax 1-19-99

I. Installation's EPA ID Number *(Mark 'X' in the appropriate box)*

[X] A. First Notification
[ ] B. Subsequent Notification *(Complete item C)*

C. Installation's EPA ID Number: IND075957522

II. Name of Installation *(Include company and specific site name)*

COLUMBUS TIRE CENTER

III. Location of Installation *(Physical address not P.O. Box or Route Number)*

Street: 123 SECOND STREET

Street *(Continued)*:

City or Town: COLUMBUS
State: IN
Zip Code: 47201-

County Code: 005
County Name: BARTHOLOMEW

IV. Installation Mailing Address *(See Instructions)*

Street or P.O. Box: 123 SECOND STREET

City or Town: COLUMBUS
State: IN
Zip Code: 47201-

V. Installation Contact *(Person to be contacted regarding waste activities at site)*

Name *(Last)*: WHITE
(First): BENJAMIN

Job Title: SVS MNG
Phone Number *(Area Code and Number)*: 812-372-1557

VI. Installation Contact Address *(See Instructions)*

A. Contact Address
Location [X] Mailing [ ] Other [ ]

B. Street or P.O. Box: 123 SECOND STREET

City or Town: COLUMBUS
State: IN
Zip Code: 47201-

VII. Ownership *(See Instructions)*

A. Name of Installation's Legal Owner: LARRY DAVIS

Street, P.O. Box, or Route Number: 123 SECOND STREET

City or Town: COLUMBUS
State: IN
Zip Code: 47201-

Phone Number *(Area Code and Number)*: 812-372-1557

B. Land Type: P

C. Owner Type: P

D. Change of Owner Indicator: Yes [ ] No [X]
(Date Changed) Month Day Year

EPA Form 8700-12 (Rev. 11-30-93) Previous edition is obsolete.

Continued on Reverse

Attachment 88

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved, OMB No. 2050-0028 Expires 9-30-96
GSA No. 0246-EPA-QT

ID - For Official Use Only

VIII. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes; Refer to Instructions)*

A. Hazardous Waste Activity

1. Generator (See Instructions)
   - [ ] a. Greater than 1000kg/mo (2,200 lbs.)
   - [X] b. 100 to 1000 kg/mo (200-2,200 lbs.)
   - [ ] c. Less than 100 kg/mo (220 lbs)
2. Transporter (Indicate Mode in boxes 1-5 below)
   - [ ] a. For own waste only
   - [ ] b. For commercial purposes

   Mode of Transportation
   - [ ] 1. Air
   - [ ] 2. Rail
   - [ ] 3. Highway
   - [ ] 4. Water
   - [ ] 5. Other - specify
3. [ ] Treater, Storer, Disposer (at Installation) Note: A permit is required for this activity; see instructions.
4. Hazardous Waste Fuel
   - [ ] a. Generator Marketing to Burner
   - [ ] b. Other Marketers
   - [ ] c. Boiler and/or Industrial Furnace
     - [ ] 1. Smelter Deferral
     - [ ] 2. Small Quantity Exemption

     Indicate Type of Combustion Device(s)
     - [ ] 1. Utility Boiler
     - [ ] 2. Industrial Boiler
     - [ ] 3. Industrial Furnace
5. [ ] Underground Injection Control

B. Used Oil Recycling Activities

1. Used Oil Fuel Marketer
   - [ ] a. Marketer Directs Shipment of Used Oil to Off-Specification Burner
   - [ ] b. Marketer Who First Claims the Used Oil Meets the Specifications
2. Used Oil Burner - Indicate Type(s) of Combustion Device(s)
   - [ ] a. Utility Boiler
   - [ ] b. Industrial Boiler
   - [ ] c. Industrial Furnace
3. Used Oil Transporter - Indicate Type(s) of Activity(ies)
   - [ ] a. Transporter
   - [ ] b. Transfer Facility
4. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)
   - [ ] a. Process
   - [ ] b. Re-refine

IX. Description of Hazardous Wastes *(Use additional sheets if necessary)*

A. Characteristics of Nonlisted Hazardous Wastes. *(Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles; See 40 CFR Parts 261.20 - 261.24)*

1. Ignitable (D001)	2. Corrosive (D002)	3. Reactive (D003)	4. Toxicity Characteristic	(List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s))
			X	F001

B. Listed Hazardous Wastes. *(See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)*

1	2	3	4	5	6
7	**8**	**9**	**10**	**11**	**12**

C. Other Wastes. *(State or other wastes requiring a handler to have an I.D. number; See instructions.)*

1	2	3	4	5	6

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title *(Type or print)*	Date Signed
B L White	Benjamin L White Service Man	1-13-99

XI. Comments

2 2 38 PM '99
OFFICE OF SOLID AND HAZARDOUS WASTE MGMT DEM

Note: Mail completed form to the appropriate EPA Regional or State Office. *(See Section III of the booklet for addresses.)*

EPA Form 8700-12 (Rev. 11-30-93) Previous edition is obsolete.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

May 29, 2014

Tipton Park Offices Inc
1930 Lafayette Ave
Columbus, IN 47201

RE: Incomplete Information for Facility
Facility ID: 2135
Goodyear Asc 6759
123 2nd St
Columbus, IN 47201
Bartholomew County

Dear Tipton Park Offices Inc:

IDEM is currently in the process of reviewing our database to ensure we have the most accurate and current information on registered facilities. Our records indicate that you are the owner of "permanently out of service" tanks located at the above-mentioned facility. Our records also indicate that we have not received any closure information from you regarding the tanks listed below.

Tank Size & Content	Date Last Used
500 Gallons – Unknown	4/15/1986

If these tanks were removed July 1992 – present:

Indiana UST Rule 329 IAC 9-6-4 requires that the results of the excavation zone assessment, required in section 2 of this rule, must be submitted to the agency within thirty (30) days after completion of closure or change-in-service of the UST system. We are requesting that you send in information as to whether or not the tank system(s) were closed. If you did close the tank system(s), and that closure occurred after July of 1992, you must submit a closure report with an original notification form (SF 45223) per this rule. State Form 45223 can be found at the following address: http://www.in.gov/idem/5157.htm#olq_ust.

If the tanks were removed prior to July 1992:

Please submit an affidavit stating when the tanks were closed. Also, please indicate whether the tanks were removed or filled in place.

Please submit the requested information to the address below within ten (10) days from receipt of this letter.

Indiana Department of Environmental Management
Office of Land Quality / UST Section
100 N. Senate Avenue
Room 1101
Indianapolis, IN 46204-2241

NOTE: NO PHOTOCOPIES OF SF 45223 WILL BE ACCEPTED. THE OWNER OR AUTHORIZED REPRESENTATIVE SIGNATURE MUST BE IN INK.

If you have any questions, please contact me at (317) 234-6645, or by email at nhopkins@idem.in.gov.

Sincerely,

Nawal Hopkins
Closure Coordinator
Underground Storage Tank Section
Office of Land Quality

cc: file [FID # 2135]

Columbus Engineering Inc.

1:2,000

0 0.015 0.03 0.06 mi

0 0.0275 0.055 0.11 km

Underground Storage Tanks

- Not Leaking
- Leaking

General Site Location

Indiana Department of Environmental Management, Office of Land Quality
Indiana Spatial Data Portal, UITS, ESRI
Indiana Department of Transportation (INDOT), U.S. Census Bureau (USCB), Indiana Geographic Information Council (IGIC), UITS, Indiana Spatial Data Portal

Columbus Engineering Inc. (15 Brown Street)

Looking north at extant building (former metal fabrication shop)

Looking northeast at land adjoining the former Columbus Engineering Inc. site, which is suspected to be an old city landfill

Notification for Underground Storage Tanks

FORM APPROVED
OMB NO. 2050-0049
APPROVAL EXPIRES 6-30-88

FOR TANKS IN IN

RETURN COMPLETED FORM TO

Division of Land Pollution Control
UST Program
Indiana State Board of Health
P.O. Box 7015
Indianapolis, IN 46207
(317) 243-5060

STATE USE ONLY

UST1NP M 160350 34

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of unde nust notify designated State or local a r means—
(a) in the case of an un 8, 1984, or brought into use after that orage tank used for the storage, use, or
(b) in the case of any un er 8, 1984, but no longer in use on that tely before the discontinuation of its us

NO BILL
Record
02-01-91

What Tanks Are Includ ny one or combination of tanks that (lated substances," and (2) whose vol) is 10% or more beneath the ground. S gasoline, used oil, or diesel fuel, and umigants.

What Tanks Are Exclud subject to notification. Other tanks excluded from notification are:
1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof, which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

RECEIVED
NOV 04 1991
SPECIAL TAX DIVISION

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. **This form must by completed for each location containing underground storage tanks.** If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached ☐

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity): COLUMBUS ENGINEERING INC.

Street Address: 15 BROWN ST.

County: BARTHOLOMEW

City: COLUMBUS State: IN ZIP Code: 47201

Area Code: 812 Phone Number: 372-3723

Type of Owner (*Mark all that apply* ☒)

☐ Current ☐ State or Local Gov't ☑ Private or Corporate
☐ Former ☐ Federal Gov't (GSA facility I.D. no. _____) ☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section 1, mark box here ☑)

Facility Name or Company Site Identifier, as applicable

Street Address or State Road, as applicable

County

City (nearest) State ZIP Code

Indicate number of tanks at this location: NONE

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ☐) Job Title Area Code Phone Number

IV. TYPE OF NOTIFICATION

☐ Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative	Signature	Date Signed
Burkett Noblett owner	B. Noblett	10-31-91

CONTINUE ON REVERSE SIDE

Owner Name (from Section I) _____ Location (from Section II) _____ Page No. ____ of ____ Pages

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS *(Complete for each tank at this location.)*

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No.	Tank No.	Tank No.	Tank No.	Tank No.
1. Status of Tank *(Mark all that apply ☒)*					
Currently in Use	☐	☐	☐	☐	☐
Temporarily Out of Use	☐	☐	☐	☐	☐
Permanently Out of Use	☑	☐	☐	☐	☐
Brought into Use after 5/8/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)					
3. Estimated Total Capacity (Gallons)					
4. Material of Construction *(Mark one ☒)*					
Steel	☐	☐	☐	☐	☐
Concrete	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	____	____	____	____	____
5. Internal Protection *(Mark all that apply ☒)*					
Cathodic Protection	☐	☐	☐	☐	☐
Interior Lining (e.g., epoxy resins)	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	____	____	____	____	____
6. External Protection *(Mark all that apply ☒)*					
Cathodic Protection	☐	☐	☐	☐	☐
Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic Coated	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	____	____	____	____	____
7. Piping *(Mark all that apply ☒)*					
Bare Steel	☐	☐	☐	☐	☐
Galvanized Steel	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Cathodically Protected	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	____	____	____	____	____
8. Substance Currently or Last Stored in Greatest Quantity by Volume *(Mark all that apply ☒)*					
a. Empty	☐	☐	☐	☐	☐
b. Petroleum					
Diesel	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐
Gasoline (including alcohol blends)	☐	☐	☐	☐	☐
Used Oil	☐	☐	☐	☐	☐
Other, Please Specify	____	____	____	____	____
c. Hazardous Substance	☐	☐	☐	☐	☐
Please Indicate Name of Principal CERCLA Substance	____	____	____	____	____
OR Chemical Abstract Service (CAS) No.	____	____	____	____	____
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
d. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service)					
a. Estimated date last used (mo/yr)	Removed 2/91	/	/	/	/
b. Estimated quantity of substance remaining (gal.)	____	____	____	____	____
c. Mark box ☒ if tank was filled with inert material (e.g., sand, concrete)	☐	☐	☐	☐	☐

☆ U.S. Government Printing Office: 1986—496-735

Please print or type with ELITE type (12 characters [illegible]ch) in the unshaded areas only

Form [illegible]ed. OMB No. 2050-0028, Expires 10-31-91
GSA No. 0246-EPA-OT

BLR 5-13-93

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

EPA Notification of Regulated Waste Activity

United States Environmental Protection Agency

Date Received (For Official Use Only)

May 9 9:42 AM '93

I. Installation's EPA ID Number (Mark 'X' in the appropriate box)

[X] A. First Notification [ ] B. Subsequent Notification (Complete Item D)

C. Installation's EPA ID Number: IND985097757

II. Name of Installation (Include company and specific site name)

COLUMBUS ENGINEERING INC.

III. Location of Installation (Physical address not P.O. Box or Route Number)

Street: 15 BROWN ST

Street (continued):

City or Town: Columbus State: IN ZIP Code: 47201-

County Code: 005 County Name: BARTHOLOMEW

IV. Installation Mailing Address (See Instructions)

Street or P.O. Box: 15 BROWN ST

City or Town: Columbus State: IN ZIP Code: 47201-

V. Installation Contact (Person to be contacted regarding waste activities at site)

Name (last): NOBLETT (first): MIKE

Job Title: VICE PRESIDENT Phone Number (area code and number): 812-372-3723

VI. Installation Contact Address (See Instructions)

A. Contact Address: Location [ ] Mailing [X]

B. Street or P.O. Box: 15 BROWN ST

City or Town: COLUMBUS State: IN ZIP Code: 47201-

VII. Ownership (See Instructions)

A. Name of Installation's Legal Owner: BURDETT AND ANN NOBLITT

Street, P.O. Box, or Route Number: 15 BROWN ST

City or Town: COLUMBUS State: IN ZIP Code: 47201-

Phone Number (area code and number): 812-372-3723

B. Land Type: P

C. Owner Type: P

D. Change of Owner Indicator: Yes [ ] No [X]

(Date Changed) Month Day Year

APR 28 1993

EPA Form 8700-12 (07-90) Previous edition is obsolete.

Attachment 95

- print or type with ELITE typ[illegible] characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0028. Expires 10-31-91
GSA No. 0248-EPA-OT

D. For Official Use Only

VIII. Type of Regulated Waste Activity (Mark "X" in the appropriate box[illegible])

A. Hazardous [illegible]

- [ ] [illegible]
- [ ] [illegible]
- [X] [illegible] 0001 [illegible] 226 [illegible] 200 lbs
- [ ] [illegible]
- [ ] [illegible]
- [ ] Transporter (Indicate Mode [illegible])
- [ ] [illegible]
- [ ] [illegible]
- [ ] [illegible] purpose
- Mode of Transportation
  - [ ] [illegible]
  - [ ] [illegible]
  - [ ] [illegible]
  - [ ] [illegible]
  - [ ] [illegible]
  - [ ] [illegible]
- [ ] Disposal permit is required [illegible] see instructions
- [ ] Waste Fuel [illegible]
- [ ] Generator Marketing [illegible]
- [ ] Other Marketers
- [ ] Burner (Indicate Type of Combustion Unit)
  - [ ] 1. Utility Boiler
  - [ ] 2. Industrial Boiler
  - [ ] 3. Industrial Furnace
  - [ ] 5. Underground Injection Control
- [ ] [illegible]
- [ ] [illegible]
- [ ] [illegible]