# WELLHEAD PROTECTION (WHP) PHASE ONE PLAN

for

# Town of Pittsboro and The Pittsboro Water Department

PWSID# IN5232019

Town of Pittsboro 80 North Meridian Street Pittsboro, IN 46167



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# **1.0 INTRODUCTION**

This Wellhead Protection (WHP) Plan was developed in compliance with the Indiana Wellhead Protection Rule, 327 IAC 8-4.1. The Rule established requirements for the development of a WHP Plan by all community Public Water Supply Systems (PWSS) located in the state. The program, administered by the Indiana Department of Environmental Management (IDEM), recognizes that groundwater quality can be threatened by specific land uses and activities that occur in areas adjacent to PWSS wells. This WHP Plan, prepared for the Town of Pittsboro and the Pittsboro Water Department, focuses on education and pollution prevention to protect the drinking water quality within the Town of Pittsboro.

# 1.1 Utility Background

The Pittsboro Water Department provides drinking water service to customers within the Town of Pittsboro, Hendricks County, Indiana and currently serves an estimated population of 3,682 (2020 Decennial Census). IDEM classifies Pittsboro's PWSS as a medium-sized system.

The Town's water is supplied by groundwater produced at one drinking water wellfield, the Pittsboro Wellfield. The Pittsboro Wellfield consists of one production well, Well #9A. Well #9A was constructed on November 1, 2017 and began withdrawing water in June 2021. The current average pumping rate for Well #9A is 61,612 gallons per day (GPD).

# 1.2 WHP Plan Development

IDEM has divided the development of a WHP Plan into two phases, Phase One and Phase Two. The Phase One Plan includes the following elements:

- Formation of a Local Planning Team (LPT) and community planning;
- Delineation of the WHP area;
- Inventory of potential contaminant sources (PCS);
- Management planning and public education; and
- Contingency planning for emergencies.

These five elements form the basis of the WHP Plan as detailed in the following sections. The Phase One Plan describes the strategies to be implemented, while the Phase Two Plan is the actual implementation of the WHP Program and begins following IDEM's approval of the Phase One Plan.

# **1.3 Local Planning Team**

The purpose of the LPT is to guide the development and implementation of the WHP Plan. During the development of the Phase One Plan, a public notice was published in the local newspaper (the Hendricks County *Republican*), encouraging community members to participate in the development of the WHP Plan. A meeting was held on January 23, 2023 and a LPT was established. Documentation of the public notice is provided as **Appendix 1-1**. Current members

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of the LPT, their roles, and affiliations are provided as **Appendix 1-2**. The sign-in sheet and meeting agenda from that meeting are provided as **Appendix 1-3**.

The LPT will continue to meet annually to implement the WHP strategies of this Plan.

# 2.0 WELLHEAD PROTECTION AREA DELINEATION

A WHP area is defined as the surface and subsurface area that supplies water to a wellfield. Contaminants introduced within the WHP area are likely to migrate to the Town's drinking water production wells within a specified Time of Travel (TOT). The TOT is the distance traveled by a particle of water through an aquifer to a well or wellfield for a specified period. A brief summary of the WHP area delineation effort is provided in this section. Refer to **Figure 2-1** for a WHP delineation map.

### 2.1 Delineation Summary

The Town of Pittsboro's drinking water is supplied by one production well, Well #9A. Well #9A began withdrawing water in June 2021. Pumping data from 2021 through 2022 was reviewed to determine an appropriate delineation method for the Town's current operating conditions. Based on the most recent pumping data, the 3,000-feet fixed radius delineation method was selected for the Pittsboro Wellfield.

On August 1, 2022, the Town submitted a request to IDEM for approval of the fixed radius method of WHP area delineation. IDEM approved the Town's use of a fixed radius method of WHP area delineation on August 22, 2022. Available pumping data and IDEM correspondence is included within this Plan as **Appendix 2-1**.

The Pittsboro Wellfield is located within the Borden Group Bedrock Aquifer System. This aquifer system is composed mostly of sandstone, siltstone, mudstone, and shale. The Borden Group Bedrock Aquifer System, within Hendricks County, is overlain by unconsolidated deposits up to 275 feet in thickness. The aquifer system is composed primarily of fine-grained materials that limit the movement of groundwater to fractures, joints, and along the bedrock surface. Production wells within this system produce either from the overlying unconsolidated deposits or penetrate through the sandstone, siltstone, mudstone, and shale.

#### 2.2 WHP Area Boundary

WHP area boundaries are illustrated in **Figure 1-1**, **Figure 2-1**, and **Figure 3-1**. The LPT has used these WHP area boundaries to create a PCS inventory (**Section 3.0**) and as a guide in preparing the Management and Contingency Plans, as detailed in **Sections 4.0** and **5.0**, respectively. The WHP area boundaries are located in Section 30 of Township 17 North and Range 1 East.

# 2.3 Aquifer Susceptibility to Contamination

Within the Borden Group Bedrock Aquifer System, where bedrock is shallow, risk to contamination from the surface or near surface sources is high. Where the overlying sediment consists of thick fine-grained clay materials, the aquifer system is at low risk to contamination from the surface or near surface.

Given the hydrogeologic setting of the aquifer, the LPT believes there is a moderate risk associated with surface and near-surface contamination to impact the Town's drinking water supply. The LPT believes that an active WHP Plan will help ensure that the Town's groundwater resources are preserved for future generations.

# 3.0 POTENTIAL CONTAMINANT SOURCE (PCS) INVENTORY

An inventory of PCSs was generated based on a listing of existing facilities, sites, practices, and activities for both regulated and unregulated PCSs and the identification of general PCSs based on land use within the delineated WHP area. An aerial photograph was used to generate a land use map (**Figure 3-1**) overlain with the WHP area boundaries showing PCSs that corresponds to a PCS inventory (**Table 3-1**).

# 3.1 Site Specific Potential Contaminant Sources

To identify site-specific PCSs within the WHP area, Environmental Data Resources, Inc. (EDR), performed an environmental database record search. During the implementation period, the LPT will review the identified sites and discuss updates to PCSs by examining changes in businesses and chemical storage practices at annual meetings. The EDR review included results from the following federal and state databases:

- Aerometric Information Retrieval System (AIRS);
- Asbestos;
- Clandestine Drug Labs (CDL);
- Enforcement and Compliance History Information (ECHO);
- Facility Index System (FINDS);
- Historical Auto list (EDR Hist Auto);
- Landfills and Solid Waste Disposal Sites list (SWRCY);
- Leaking Underground Storage Tank (LUST) list;
- Manifest List (MANIFEST);
- National Pollutant Discharge Elimination System (NPDES);
- Office of the Indiana State Chemist (OISC);
- RCRA hazardous waste generators;
- Spills Database (SPILL) list;
- State Cleanup Program (SCP) list;
- Tier 2 List (TIER2);
- Toxic Chemical Release Inventory (TRI); and
- Underground Storage Tank (UST) list.

The report identified five environmental database record results within a 0.25-mile radius of Well #9A. Refer to **Appendix 3-1** for the results of the EDR Radius Map Report. Additional resources (e.g., IDEM Virtual File Cabinet, IDEM Spill Data, LPT knowledge, etc.) were also used to generate PCSs. An inventory of PCSs is summarized in **Table 3-1**. Individual sites described in **Table 3-1** are arbitrarily designated with a site identification number, keyed to **Figure 3-1**.

# 3.2 Potential Contaminant Sources Based on Land Use

In addition to site-specific PCSs, land use categories located within the fixed radius, as illustrated in **Figure 3-1**, were evaluated to identify general practices and/or activities that have the potential

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257222.58.01ES01 PG. 5 to result in groundwater contamination. A summary of land use activities and associated potential contaminants are summarized in the following sections.

### 3.2.1 Residential Land

Residential areas consist primarily of single-family dwellings located inside and outside the town limits of Pittsboro. Residential activities typically consist of the storage and use of common household chemicals, lawn and gardening activities, heating oil storage, automobile and small engine maintenance and repair, and swimming pool maintenance. Residential septic systems are utilized sporadically within the town limits. Residential properties located outside of the town limits generally rely on septic systems to treat on-site wastewater.

Potential groundwater contaminants associated with residential activities may include household cleaners, disinfectants, solvents, paint, automotive and small engine wastes including gasoline and waste oil, fertilizers, pesticides, swimming pool chemicals, and septic system leachate that may include nitrates, bacteria, and viruses.

#### 3.2.2 Agricultural Land

Agricultural properties located within the WHP area boundaries are primarily used for cultivated row crops. Farming activities identified in these areas typically include the application and storage of fertilizers, pesticides (includes a variety of herbicides, insecticides, rodenticides, and fungicides), and the use and storage of petroleum products for farm machinery operation and maintenance. Contaminants associated with farming activities may include nitrates, phosphates, pesticides, gasoline and diesel fuels, and motor oils and lubricants.

In addition, animal feedlots and livestock waste disposal areas are agricultural activities identified as potential sources of groundwater contamination. Potential contaminants associated with these activities may include nitrates, phosphates, pesticides, gasoline and diesel fuels, motor oils and lubricants, coliform and non-coliform bacteria and viruses.

While the improper storage, application, and disposal of various fertilizers and pesticides are potential mechanisms for polluting groundwater, the LPT recognizes that existing regulations, licensing requirements, and advances in agricultural technology should reduce harmful impacts to groundwater associated with farming activities. Spills associated with chemical filling and refueling activities, chemical and fuel tank leaks and ruptures, and equipment maintenance activities are perceived as the greatest threat to groundwater.

# 3.2.3 Commercial and Industrial Land

Commercial and industrial properties located within or directly adjacent to the WHP area are identified in **Table 3-1**. Potential contaminants associated with commercial and industrial properties may consist of cleaners, detergents, disinfectants, solvents, paints, automotive wastes, kerosene, heating oil, refrigerants, and lawn and garden maintenance chemicals and/or other products.

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#### 3.2.4 Wooded and Undeveloped Land

There are no potential contaminants identified for wooded and undeveloped land. Wooded and undeveloped land exists in small sections throughout the WHP area.

### 3.2.5 Transportation Routes

Transportation routes located within and/or directly adjacent to the WHP area include Interstate 74, various county-maintained roads, and local streets within the town limits of Pittsboro. Maintenance activities along these transportation routes may include road maintenance, application of herbicides and pesticides, and deicing activities. In addition, transportation related spills and contaminated stormwater runoff from roads and streets are potential sources of groundwater contamination.

#### 3.2.6 Private Septic Systems

Residential septic systems are utilized sporadically within the town limits. Residential properties located outside of the town limits generally rely on septic systems to treat on-site wastewater. Potential groundwater contaminants associated with septic system leachate may include nitrates, bacteria, and viruses.

#### 3.2.7 Abandoned and Inactive Wells

It is possible that abandoned and/or inactive wells may be located within the WHP area. Abandoned and inactive water, oil, and natural gas wells are a potential conduit for surface or near surface contamination to reach the aquifer. Potential groundwater contaminants may consist of stormwater runoff, spilled or over applied agricultural, residential, and commercial fertilizers and pesticides, used oil, antifreeze, gasoline, road salt, septic system waste, and a variety of other substances.

# 4.0 MANAGEMENT PLAN

A primary component of the WHP Plan is the development and implementation of a Management Plan that provides procedures for protecting groundwater within the WHP area. The Town of Pittsboro and the Pittsboro Water Department, together with the LPT, have developed a Management Plan that addresses the boundaries of the WHP area. The Management Plan will be implemented as documented within this report and associated attachments.

### 4.1 Management Options Selection Criteria

During the development of the Management Plan, members of the LPT discussed both regulatory and non-regulatory management options for protecting groundwater. Based on the hydrogeologic characteristics of the aquifer, land use, perceived risk, existing regulations, and overall cost, the LPT determined that preferred management strategies would primarily focus on non-regulatory approaches that emphasize public education. However, existing local regulations and regulatory programs were also evaluated (e.g., local ordinances and regulations governing the Town of Pittsboro). Both non-regulatory and regulatory approaches were incorporated into the WHP Plan.

### 4.2 Sanitary Setback Management Requirements

The sanitary setback is defined as an established area around a production well to protect groundwater from direct contamination. For purposes of this plan, the sanitary setback radius is assumed to be 100-feet. While the standard sanitary setback radius specified by IDEM for a Community PWSS is 200 feet (327 IAC 8-3.4-9), a protection radius of 100 feet should be adequate because the Pittsboro Water Department provides automatic disinfection of drinking water at the water treatment plant and favorable hydrogeologic conditions exist. Specific management issues for the setback areas will be implemented and recorded in **Table 4-1** and will continue to be implemented according to the following strategies:

- Management of the sanitary setback should be consistent with requirements in the Public Water System Well Rule;
- Development of measures to prohibit the storage and mixing of chemicals (other than drinking water treatment chemicals or pesticides that are regulated by the pesticide review board);
- Management of existing transportation routes within setbacks using Best Management Practices (BMPs); and
- Securing wellheads to prevent unauthorized access.

Discussions of the specific management issues and plan recommendations for the sanitary setback areas are provided below.

#### 4.3 Management of Sanitary Setback Areas

Well #9A is located on Town-owned property designated for drinking water treatment operations. Well #9A is located approximately 250-feet east of the Town's drinking water treatment facility. The drinking water treatment facility and Well #9A are completely enclosed within security fencing, equipped with locking gate. Entrance and exit gates are automatically locked at the end of each day. The drinking water treatment facility is equipped with exterior security cameras that are positioned to capture Well #9A.

The drinking water treatment facility and Well #9A are restricted areas, not accessible to the public. Access to the wellhead, pump, motor, and other controls is effectively controlled and limited to authorized personnel only. A gravel driveway exists to access the well. Stormwater runoff from the area surrounding the well flows away from the well as sheet runoff.

The 100-foot radius sanitary setback area for Well #9A is completely captured within Townowned property. The 100-foot radius sanitary setback is illustrated in **Figure 2-1** and **Figure 3-1**.

Management strategies will be implemented for the sanitary setback areas at the Pittsboro Wellfield and will be summarized and recorded in **Table 4-1** and include the following:

- Provide training to all Water Department personnel regarding restrictive uses within the sanitary setback area;
- Secure the well from unauthorized use and/or access;
- Perform routine inspections of the well to identify, respond, and/or repair any security and/or drainage issues;
- Identify existing sewers and restrict future expansions of sanitary sewers, storm sewers, roads, parking, and other construction within the setback area;
- Verify through inspections that surface water drains away from the well. Document the inspections and correct any deficiencies;
- Review existing land titles and restrictive easements for properties within the 100-foot sanitary setback radius of Well #9A; and
- Send letters to individuals located within the sanitary setback area to minimize the use, application, storage, mixing, loading, and transportation of fertilizers and pesticides and other chemicals.

#### 4.4 WHP area Management Requirements

With regard to those areas within the WHP area but outside the 100-foot radius sanitary setback, the following management strategies shall be implemented:

- Methods or procedures for maintaining and updating records concerning changes to PCSs within the WHP area;
- Compliance of production wells with state construction standards and permit requirements;

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- Monitoring for contaminants associated with identified PCSs according to IDEM's Sample and Compliance Schedule;
- Methods or procedures for maintaining and updating records (consideration for future growth);
- Identification of abandoned wells not in compliance with IC 25-39-4-6 and 310 IAC 16-10;
- Use, application, storage, mixing, loading, transportation, and/or disposal of pesticides in accordance with IC 15-3-3.5, IC 15-3-3.6, and the rules and guidance there under, developed by the pesticide review board and state chemist;
- Notification of property owners that they are located within the WHP area;
- Provide owners and operators of identified PCSs access to a copy of the WHP Plan;
- Establish a Public Outreach Program to educate the public and owners or operators of identified PCSs about the consequences of groundwater contamination and the methods available for preventing groundwater contamination;
- Post WHP signs along major thoroughfares (this requirement is no longer enforced. As such, the Town does not plan to post WHP signs due to security concerns); and
- Any additional management measures deemed important by the LPT such as developing procedures to protect the PWSS from potential new sources of contamination.

A discussion of these elements, specific management issues and plan recommendations are provided below.

# 4.5 Management of WHP Areas

The LPT determined the preferred management strategies for the WHP Plan should emphasize public education and awareness, monitoring, and voluntary compliance, and where applicable, be in conjunction with existing and proposed federal, state, and local programs. The following sections summarize the management strategies that recommended for implementation.

# 4.5.1 Site-Specific Potential Contaminant Sources

The following management strategies, to be summarized and recorded in **Table 4-2**, were selected to address potential groundwater contaminants associated with site-specific PCSs, as identified in **Table 3-1**:

- Identify and provide notification by mail to all PCSs listed in **Table 3-1**;
- Provide each PCS with contact notification information and procedures to follow in the event of a spill (**Appendix 5-1**);
- Provide each PCS with information regarding the availability of the WHP plan; and
- Annually update **Table 3-1** at LPT meetings to track changes in the status of PCSs within the WHP area.

# 4.5.2 Agricultural Land Use

The following management strategies, to be summarized and recorded in **Table 4-2**, were selected to address potential groundwater contaminants associated with agricultural properties:

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- Identify and provide notification to agriculture landowners and tenant farmers located within the WHP area. Provide educational information in notification letters;
- Request that agricultural landowners and tenant farmers discuss WHP educational information with commercial herbicide and pesticide applicators that may work within the WHP area;
- Provide agricultural landowners and tenant farmers access to educational materials; and
- Provide agriculture landowners and tenant farmers with access to the WHP Plan.

# 4.5.3 Residential Land Use

The following management strategies, to be summarized and recorded in **Table 4-2**, were selected to address potential groundwater contaminants associated with residential properties:

- Provide notification to all residents located with the WHP area. This will be accomplished through the local newspaper, the Annual Drinking Water Quality Report/Consumer Confidence Report (CCR), Town webpage, and other public outreach programs;
- Provide residents with access to the WHP Plan; and
- Promote existing Hendricks County Recycling District household hazardous waste collection efforts. The District provides household hazardous waste collection to Hendricks County, including the Town of Pittsboro. The District promotes collection efforts online via their website. For additional information, refer to the following: recyclehendrickscounty.org.

# 4.5.4 Commercial and Industrial Land Use

The following management strategies, to be summarized and recorded in **Table 4-2**, were selected to address potential groundwater contaminants associated with commercial and industrial properties:

- Provide notification to all commercial and industrial properties located within the WHP area that are not identified as PCSs through public outreach strategies. This will be accomplished through the local newspaper, the Annual Drinking Water Quality Report/CCR, Town webpage, and other public outreach programs; and
- Provide commercial and industrial property owners with access to the WHP Plan.

# 4.5.5 Transportation Routes

The following management strategies, to be summarized and recorded in **Table 4-2**, were selected to address potential groundwater contaminants associated with transportation routes located within the WHP area:

- Post WHP signs designating the presence of the WHP area. Due to vulnerability and security concerns, these signs will not be posted; and
- Distribute notification letters to the Indiana Department of Transportation (INDOT) and the Hendricks County Highway Department. Provide WHP education and procedures to

follow in the event of a spill. Include WHP map to show the location of the sanitary setback of the production well.

### 4.5.6 Private Septic Systems

The following management strategies, to be summarized and recorded in **Table 4-2**, were selected to address potential groundwater contaminants associated with private septic systems located within the WHP area:

- Provide notification and educational information to rural residences and owners of residential septic systems; and
- Supply the Henricks County Health Department with a notification letter and WHP educational materials. Provide the Health Department with an aerial map of the WHP area (**Figure 2-1**).

### 4.5.7 Pesticides

The Office of the Indiana State Chemist (OISC) regulates the use, application, storage, mixing, loading, transportation, and disposal of pesticides in Indiana. Aside from providing educational materials to agricultural, residential, and commercial landowners, the Pittsboro Water Department and the LPT will primarily rely on existing regulations to provide for adequate groundwater protection from pesticides. No additional management strategies will be implemented.

#### 4.5.8 Abandoned and Inactive Wells

The following management strategies, to be summarized and recorded in **Table 4-2**, were selected to address potential groundwater contaminants associated with abandoned and inactive wells located within the WHP area:

- Identify abandoned, inactive, and active water wells within the WHP area by conducting a search of the Indiana Department of Natural Resources (DNR), Division of Water, Water Well Record Database;
- Identify existing and abandoned natural gas and oil wells within the WHP area by conducting a search of Indiana DNR, Division of Oil and Gas, Well Records Viewer and/or the Indiana Geological and Water Survey's Petroleum Database Management System;
- At the time in which residents and other property owners are notified, distribute or provide on the Town's website educational materials and request assistance in identifying abandoned, inactive, and active wells; and
- Provide notification letters to well owners within the WHP area. Provide owners with educational materials regarding hazards, responsibilities, and regulations for well abandonment. Provide well owners with an aerial map of the WHP area (**Figure 2-1**).

There were no oil and natural gas wells identified in the WHP area through the Indiana DNR Division of Oil and Gas database search and Indiana GIS website, which was conducted on

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### 4.6 **Production Well Compliance with State Construction Standards**

Construction of production Well #9A was completed on November 1, 2017 and began withdrawing water in June 2021. Well #9A was constructed in in compliance with applicable State Construction Standards and Well Permitting Standards.

#### 4.7 Monitoring For Contaminants

As part of the Pittsboro Water Department's Sampling and Compliance Schedule, regulated by the IDEM Drinking Water Branch, Pittsboro Water Department shall monitor groundwater produced at the Pittsboro Wellfield. Sampling requirements are detailed in **Appendix 4-1**. Based on the PCSs inventory, the current monitoring schedule and list of monitoring parameters are adequate to protect the water quality provided to the customer.

An Annual Drinking Water Quality Report/CCR, mailed to all water customers in Pittsboro by July 1 of each year, provides the customer with consumer information regarding sampling parameters and any constituents detected in the drinking water. A copy of the 2021/2022 report is provided in **Appendix 4-2**.

# 4.8 Considerations For Future Growth

Regarding future growth within the WHP area, all petitions for new construction and changes in land use must go before the Pittsboro Department of Planning, Zoning, and Development and/or the Hendricks County Planning and Building Department. The following management strategies, to be summarized and recorded in **Table 4-2**, were selected to address future development and zoning decisions within the WHP area:

- Provide notification letters to the Hendricks County Planning and Building Department. Notification letters are to include a request that the Town of Pittsboro be notified of new building permit applications within the WHP area. Provide the County with an aerial map of the WHP area (**Figure 2-1**);
- Work with County officials in reviewing and commenting on planned developments within the WHP area; and
- Consider drafting and adopting an ordinance to establish restrictive uses within the WHP area boundaries.

#### 4.9 **Providing Owners and Operators of PCSs Access to the WHP Plan**

PCSs, landowners, tenant farmers, businesses, and residents located within the WHP area will have access to the WHP Plan. The WHP Plan will be maintained at the Pittsboro Town Hall, located at 80 North Meridian Street, Pittsboro, Indiana, 46167 and the Pittsboro Administration Building, located at 33 East Main Street, Pittsboro, Indiana, 46167.

### 4.10 Public Outreach Program

Public education is the cornerstone of an effective WHP Plan. The LPT's goal for the Public Education Plan is to educate and inform officials, residents, businesses, and industries located within and adjacent to the WHP area about the consequences of groundwater contamination and the methods available for prevention. This effort will increase public and private support for the WHP program. In addition to those educational strategies specific to PCSs already described elsewhere in the Management Plan, as part of an on-going public outreach program, the following management strategies, to be summarized and recorded in **Table 4-3**, were selected to address public education and outreach:

- Publish informational and educational articles in the local newspaper, the Hendricks County *Republican*, regarding WHP activities and concerns;
- Distribute public education materials, specific to the protection of groundwater, to drinking water customers and residents of the Town of Pittsboro. This will be accomplished through the local newspaper, the Annual Drinking Water Quality Report/CCR, Town webpage, and other public outreach programs; and
- If the Pittsboro Water Department perceives that the public or specific community interest groups are interested in learning more, informational meetings will be scheduled as needed.

### 4.11 Management Plan Administration

The Town of Pittsboro and the Pittsboro Water Department shall be responsible for administering this Management Plan. Management issues related to the sanitary setback areas at each production well are to be summarized in **Table 4-1**. Key management elements related to land-use categories and abandoned wells are to be summarized in **Table 4-2**. Public outreach strategies are to be summarized in **Table 4-3**. These tables are to be utilized throughout the implementation of the WHP Plan as a guidance tool and as a place to record dates of implementation. Following IDEM approval of this Phase One Plan, the Town of Pittsboro and the Pittsboro Water Department will have seven years to implement and update the Plan before submitting another report to IDEM. As detailed in 327 IAC 8-4.1-9, all Phase Two submittals and subsequent five-year update submittals are to include the following:

- Any required updates to the WHP area delineations;
- An update to the PCSs inventory;
- Provide documentation and results of the Management Plan implementation; and
- Provide documentation of training given to local responders as detailed in the Contingency Plan.

# 5.0 CONTINGENCY PLAN

Contingency planning is critical to minimize impacts to groundwater in the event of a leak, spill, or discharge of a hazardous substance within the designated WHP area and to provide safe drinking water to the citizens of Pittsboro in the event of an emergency. Details of the Contingency Plan are provided below.

#### 5.1 Available Resources

Contingency plans and operational procedures for responding to emergencies are currently in place for local, county, state, and federal agencies. Hendricks County maintains an operational 911 system for all emergencies. Those agencies that could respond to hazardous material spills, leaks, or illegal discharges within the WHP area include the following and are provided in **Appendix 5-1**.

- Local Agencies
  - Pittsboro Fire Department
  - Pittsboro Police Department
- County Agencies
  - o Hendricks County Sheriff's Department
  - Hendricks County Emergency Management Agency (EMA)
  - o Hendricks County Health Department
- State Agencies
  - Indiana Department of Environmental Management (IDEM)
  - Indiana Department of Health
  - Indiana Department of Natural Resources (DNR)
- Federal Agencies
  - United States Environmental Protection Agency (USEPA)

Emergency contact procedures, organizations, and telephone numbers are included as **Appendix 5-1**. A Town of Pittsboro and Pittsboro Water Department personnel directory is included as **Appendix 5-2**.

# 5.2 Description of Plan to Train Local Responders

Primary emergency responders within the WHP area consist of the Pittsboro Fire Department and the Pittsboro Police Department. Because these emergency personnel are trained to respond to emergency situations, it is important that they be aware of specific concerns related to WHP. The Pittsboro Water Department will provide primary emergency responders with WHP area emergency response training, at a minimum once every five years, or more often as needed. An example of emergency response training is included as **Appendix 5-8**.

The Pittsboro Water Department will send written notification letters to local emergency responders requesting that emergency response personnel receive WHP emergency response training. WHP training for emergency response personnel should be performed at a minimum, once every five years.

# 5.3 Description of Emergency Reporting and Response to Spills, Leaks, or Illegal Discharges

When a spill of a hazardous substance or petroleum product occurs within the WHP area, the reporting facility will, at a minimum, follow the contact procedures detailed in **Appendix 5-1**. The Pittsboro Water Department will provide notification letters to PCSs located within the WHP area. Notification letters are to include a request that property owners maintain emergency response procedures and emergency contact information onsite, in a readily accessible area.

Emergency response to leaks, spills, and illicit discharges within the WHP area will incorporate the following WHP concerns:

- Initially identify if spill response activities are located within the 100-foot sanitary setback area or other WHP area boundaries as shown in **Figure 2-1** and **Figure 3-1**. If the spill is within a well's sanitary setback, response activities must consider the potential for direct contamination at the wellhead;
- Ensure that response contractors as well as local, county, state, and federal agencies are informed of WHP concerns. A list of emergency organizations and contact numbers is provided as **Appendix 5-1**;
- If response activities are performed within or immediately adjacent to a WHP area, contact the appropriate Town of Pittsboro and Pittsboro Water Department personnel at the initial response stage. A Telephone Directory of Water Department personnel is included in **Appendix 5-2**;
- When necessary, the Pittsboro Water Department will follow the Emergency Response Coordination Plan provided in **Appendix 5-3**; and
- Response activities must consider potential impacts to groundwater.

# 5.4 List of Information to be Provided to Local and State Responders

The Pittsboro Water Department will provide the following information to the Pittsboro Fire and Police Departments, Hendricks County Sheriff's Department, Hendricks County EMA, and the Hendricks County Health Department:

- A copy of **Figure 2-1**, illustrating the location of the WHP area;
- A copy of the Contingency Plan; and
- Emergency procedures and contact telephone numbers to be used in the event of an accidental spill or discharge (**Appendix 5-1** and **Appendix 5-2**).

#### 5.5 Identification and Description of Potential Alternative Water Supplies

If the distribution system were to become contaminated, a boil order could be issued to customers and, when necessary, drinking water for human consumption could be supplied to central distribution points via portable containers and tanks (plastic containers, poly tanks, area water haulers with tank trucks, etc.). It is possible that contaminated water in the distribution system could still be utilized for other non-potable uses such as irrigation and firefighting. A directory of alternate water supplies and water haulers is provided as **Appendix 5-4**.

In some cases, an active program to conserve water use may be required. The Town of Pittsboro and the Pittsboro Water Department have developed a Water Conservation Emergency Management Plan, included as **Appendix 5-5**. The Town may implement any or all portions of this plan as required under emergency or drought conditions.

### 5.6 Critical Water User Identification and Notification

In the event the water system becomes contaminated, communication to the public is critical. The Town of Pittsboro and the Pittsboro Water Department have developed an Emergency Response Coordination Plan that details the necessary steps to ensure public safety and to keep water customers informed. A copy of this plan is included as **Appendix 5-3**. A list of news media contacts for public notifications is provided as **Appendix 5-6**.

If the Town and/or the Water Department determines that the contaminant poses a risk to human health, the broad-based media notifications detailed in **Appendix 5-6** will be supplemented with a separate approach for notifying all affected critical water users such as medical facilities, schools, daycare establishments, and senior centers. A list of critical water users has been compiled and is included as **Appendix 5-7**. In the event of a water system emergency, the Town of Pittsboro and the Pittsboro Water Department will contact these institutions by telephone to provide appropriate instructions. If a critical water user cannot be reached by telephone, a representative from the Town of Pittsboro will personally deliver the necessary information.

# 5.7 Availability and Implementation of the Contingency Plan

A complete copy of the Contingency Plan, including emergency procedures and contact information will be maintained at the Pittsboro Town Hall, Administration Building, and the Water Department, and will be available upon request.

The Town of Pittsboro and the Pittsboro Water Department are responsible for administering the Contingency Plan. A representative from the Town and/or Water Department shall update the plan as significant changes occur. At a minimum, the plan is reviewed once each implementation period and updated as necessary. Key elements of this plan are to be summarized and recoded in **Table 5-1**.

TABLES

Site ID <sup>(1)</sup>	Current Site Name (Property Owner)	Former Site Name/Owner	Site Location	City, State, Zip	Site Description	Potential Contaminants	Operating Status	Database Listing
1	Quail Creek Golf Club	Unknown	7585 Quail	Pittsboro,	Golf course and	landscaping chemicals,	Active	OISC
			Creek Trace	IN 46167	maintenance building; two	maintenance chemicals,		
					significant water	etc.		
					withdrawal wells			
2	Pittsboro Water	Unknown	8113 Northside	Pittsboro,	Pittsboro Water	Water treatment chemicals	Active	NPDES (IN0064696)
	Company		Dr.	IN 46167	Department and drinking			
					water treatment facility			
3	Baldauf Farms Inc.	Unknown	8180 Northside	Pittsboro,	Confined feeding	Animal wastes	Active	CFO (3203)
			Dr.	IN 46167	operation			
4	Pittsboro Wastewater	Unknown	700 E. Wall St.	Pittsboro,	Municipal wastewater	Wastewater treatment	Active	NPDES (IN0020401)
	Treatment Plant		(PO Box 185)	IN 46167	treatment plant	chemicals		
5	Interstate 74	N/A	Interstate 74 -	Pittsboro,	Interstate highway	Transportation related	Active	Spill Incident
			east and	IN 46167		contaminants		Numbers (39358,
			westbound					91510, and 101850)
6	Panhandle Eastern	N/A	Pittsboro	Pittsboro,	Natural gas pipeline	Natural gas	Active	N/A
	Pipeline		Wellfield	IN 46167				
7	Shell Oil Company	N/A	Pittsboro	Pittsboro,	Refined oil pipeline	Refined oil	Active	N/A
			Wellfield	IN 46167				

#### **Table Notes:**

Data inventory provided by Environmental Data Resources, Inc. (EDR) on August 30, 2022. IDEM Virtual File Cabinet reviewed on January 11, 2023. LPT reviewed PCSs on January 23, 2023. Site ID<sup>(1)</sup> - identification number keyed to Figure 3-1 N/A = Not Applicable CFO = Confined Feeding Operations NPDES = National Pollutant Discharge Elimination System OISC = Office of Indiana State Chemist

Recommended Sanitary Setback Management Plan Activity	Referenced in Management Plan	WHP Phase Two Plan Implementation
Provide training to all Water Department personnel regarding restrictive uses within the sanitary setback area.	Section 4.3	
Secure the well from unauthorized use and/or access.	Section 4.3	Production Well #9A is enclosed within security fencing, equipped with locking gate. Entrance and exit gates are automatically locked at the end of each day. The drinking water treatment facility is equipped with exterior security cameras that are positioned to capture Well #9A.
Perform routine inspections of the well to identify, respond, and/or repair any security and/or drainage issues.	Section 4.3	
Identify existing sewers and restrict future expansions of sanitary sewers, storm sewers, roads, parking, and other construction within the setback area.	Section 4.3	
Verify through inspections that surface water drains away from the well. Document the inspections and correct any deficiencies.	Section 4.3	Routine visual inspections and maintenance are conducted at the well to ensure that surface water drains away from the well.
Review existing land titles and restrictive easements for properties within the 100-foot sanitary setback radius of Well #9A.	Section 4.3	
Send letters to individuals located within the sanitary setback area to minimize the use, application, storage, mixing, loading, and transportation of fertilizers and pesticides and other chemicals.	Section 4.3	The 100-foot radius sanitary setback area for Well #9A is completely captured within Town-owned property, currently designated for the Town's drinking water treatment operations.

Table 4-1. Sanitary Setback Management Strategies, Pittsboro Wellfield, Pittsboro Water Department, Town of Pittsboro, Indiana.

Management Category	Recommended Management Activity	Referenced in Plan	WHP Phase Two Plan Implementation
		-	
Potential	Identify and provide notification by mail to all PCSs listed	Section 4.5.1	
Contaminant	in Table 3-1.	Section 4.5.1	
Sources (PCSs)	Provide each PCS with contact notification information and	Section 4.5.1	
	procedures to follow in the event of a spill (Appendix 5-1).	Section 1.5.1	
	Provide each PCS with information regarding the	Section 4.5.1	
	availability of the WHP plan.	beetion non	
	Annually update Table 3-1 at local planning team (LPT)		
	meetings to track changes in the status PCSs within the	Section 4.5.1	
	WHP area		
Agricultural Land	Identify and provide notification to agriculture landowners		
Use	and tenant farmers located within the WHP area. Provide	Section 4.5.2	
	educational information in notification letters.		
	Request that agricultural landowners and tenant farmers	Section 4.5.2	
	discuss WHP educational information with commercial		
	herbicide and pesticide applicators that may work within		
	the WHP area.		
	Provide agricultural landowners and tenant farmers access	Section 4.5.2	
	to educational materials.	Section 1.5.2	
	Provide agriculture landowners and tenant farmers with	Section 4.5.2	
	access to the WHP Plan.	50000011.5.2	
Residential Land	Provide notification to all residents located with the WHP		
Use	area. This will be accomplished through the local		
	newspaper, the Annual Drinking Water Quality	Section 4.5.3	
	Report/Consumer Confidence Report (CCR), Town		
	webpage, and other public outreach programs.		
	Provide residents with access to the WHP Plan.	Section 4.5.3	
	Promote existing Hendricks County Recycling District		The District promotes collection efforts online via their website
	household hazardous waste collection efforts. The District	Section 4.5.3	For additional information, refer to the following:
	provides household hazardous waste collection to	Section 4.5.5	www.recyclehendrickscounty.org
	Hendricks County, including the Town of Pittsboro.		www.iccyclenenurickscounty.org

Table 4-2. Land Use Categories Management Strategies, Pittsboro Wellfield, Pittsboro Water Department, Town of Pittsboro, Indiana.

Management Category	Recommended Management Activity	Referenced in Plan	WHP Phase Two Plan Implementation
	-		
Commercial and	Provide notification to all commercial and industrial		
Industrial Land	properties located within the WHP area that are not		
Use	identified as PCSs through public outreach strategies. This	Section 4.5.4	
	will be accomplished through the local newspaper, the	Section 4.5.4	
	Annual Drinking Water Quality Report/ CCR, Town		
	webpage, and other public outreach programs.		
	Provide commercial and industrial property owners with	Section 4.5.4	
	access to the WHP Plan.	5000014.5.4	
Transportation	Post WHP signs designating the presence of the WHP area.	Section 4.5.5	Due to vulnerability and security concerns, these signs will not
Routes		5000014.5.5	be posted.
	Distribute notification letters to the Indiana Department of		
	Transportation (INDOT) and the Hendricks County		
	Highway Department. Provide WHP education and	Section 4.5.5	
	procedures to follow in the event of a spill. Include WHP		
	map to show the location of the sanitary setback of the		
	production well.		
Private Septic	Provide notification and educational information to rural	Section 4.5.6	
Systems	residences and owners of residential septic systems.	Section 4.5.0	
	Supply the Henricks County Health Department with a		
	notification letter and WHP educational materials. Provide	Section 4.4.6	
	the Health Department with an aerial map of the WHP area		
	(Figure 2-1).		
Abandoned and	Identify abandoned, inactive, and active water wells within		
Inactive Wells	the WHP area by conducting a search of the Indiana	Section 4.5.8	
	Department of Natural Resources (DNR), Division of Water,	Section 4.5.8	
	Water Well Record Database.		
	Identify existing and abandoned natural gas and oil wells		
	within the WHP area by conducting a search of Indiana		
	DNR, Division of Oil and Gas, Well Records Viewer and/or	Section 4.5.8	
	the Indiana Geological and Water Survey's Petroleum		
	Database Management System.		

Table 4-2. (continued) Land Use Categories Management Strategies, Pittsboro Wellfield, Pittsboro Water Department, Town of Pittsboro, Indiana.

Management	Recommended Management Activity	Referenced	WHP Phase Two Plan Implementation
Category		in Plan	
Abandoned and	At the time in which residents and other property owners		
Inactive Wells	are notified, distribute or provide on the Town's website	0 1 1 0	
(continued)	educational materials and request assistance in identifying	Section 4.5.8	
	abandoned, inactive, and active wells.		
	Provide notification letters to well owners within the WHP		
	area. Provide owners with educational materials regarding		
	hazards, responsibilities, and regulations for well	Section 4.5.8	
	abandonment. Provide well owners with an aerial map of		
	the WHP area (Figure 2-1).		
Future Growth	Provide notification letters to the Hendricks County		
	Planning and Building Department. Notification letters are	Section 4.8	
	to include a request that the Town of Pittsboro be notified of		
	new building permit applications within the WHP area.	Section 4.0	
	Provide the County with an aerial map of the WHP area		
	(Figure 2-1).		
	Work with County officials in reviewing and commenting	Section 4.8	
	on planned developments within the WHP area.	Jection 4.0	
	Consider drafting and adopting an ordinance to establish	Section 4.8	
	restrictive uses within the WHP area boundaries.	Section 4.0	

Table 4-2. (continued) Land Use Categories Management Strategies, Pittsboro Wellfield, Pittsboro Water Department, Town of Pittsboro, Indiana.

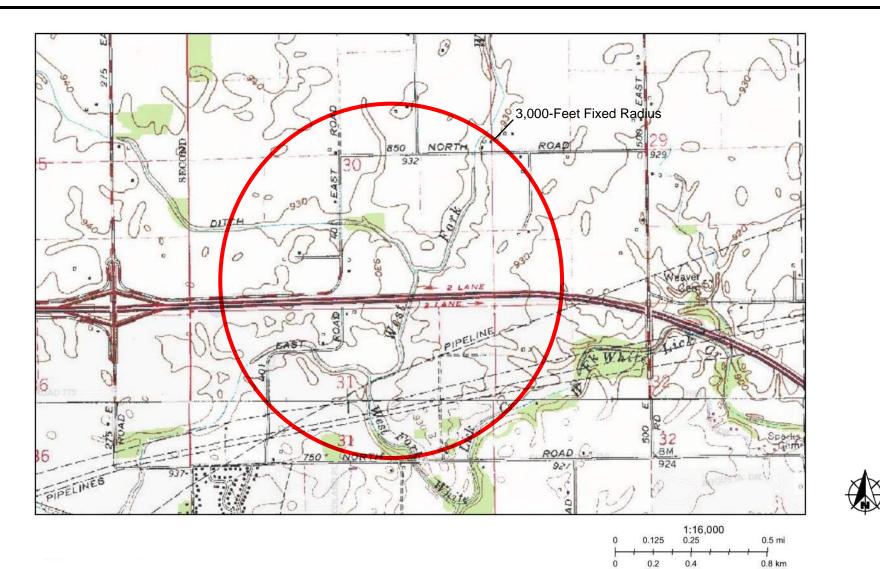
### Table 4-3. Public Outreach Management Strategies, Pittsboro Wellfield, Pittsboro Water Department, Town of Pittsboro, Indiana.

Recommended Outreach Activity	Referenced in Plan	WHP Phase Two Plan Implementation
Publish informational and educational articles in the local newspaper, the	Section 4.10	
Hendricks County Republican, regarding WHP activities and concerns.	Section 4.10	
Distribute public education materials, specific to the protection of groundwater,		
to drinking water customers and residents of the Town of Pittsboro. This will be		
accomplished through the local newspaper, the Annual Drinking Water Quality	Section 4.10	
Report/Consumer Confidence Report (CCR), Town webpage, and other public		
outreach programs.		
If the Pittsboro Water Department perceives that the public or specific		
community interest groups are interested in learning more, informational	Section 4.10	
meetings will be scheduled as needed.		

 Table 5-1. Contingency Plan Management Strategies, Pittsboro Wellfield, Pittsboro Water Department, Town of Pittsboro, Indiana.

Recommended Contingency Plan Activity	Referenced in Plan	WHP Phase Two Plan Implementation
Provide primary emergency responders (Pittsboro Fire Department and Pittsboro Police Department) with WHP area emergency response training, at a minimum once every five years, or more often as needed.	Sections 5.2	
Provide local emergency responders, Pittsboro Fire and Police Departments, Hendricks County Sheriff's Department, Hendricks County EMA, and the Hendricks County Health Department, with an updated copy of the Contingency Plan, at a minimum of once every five years.	Section 5.4	
Update the Contingency plan, at a minimum, every five years.	Section 5.7	
Maintain a complete copy of the Contingency Plan, including emergency procedures and contact information (Appendix 5-1 and Appendix 5-2) at the Pittsboro Town Hall and Pittsboro Administration Building for public viewing.	Section 5.7	

FIGURES

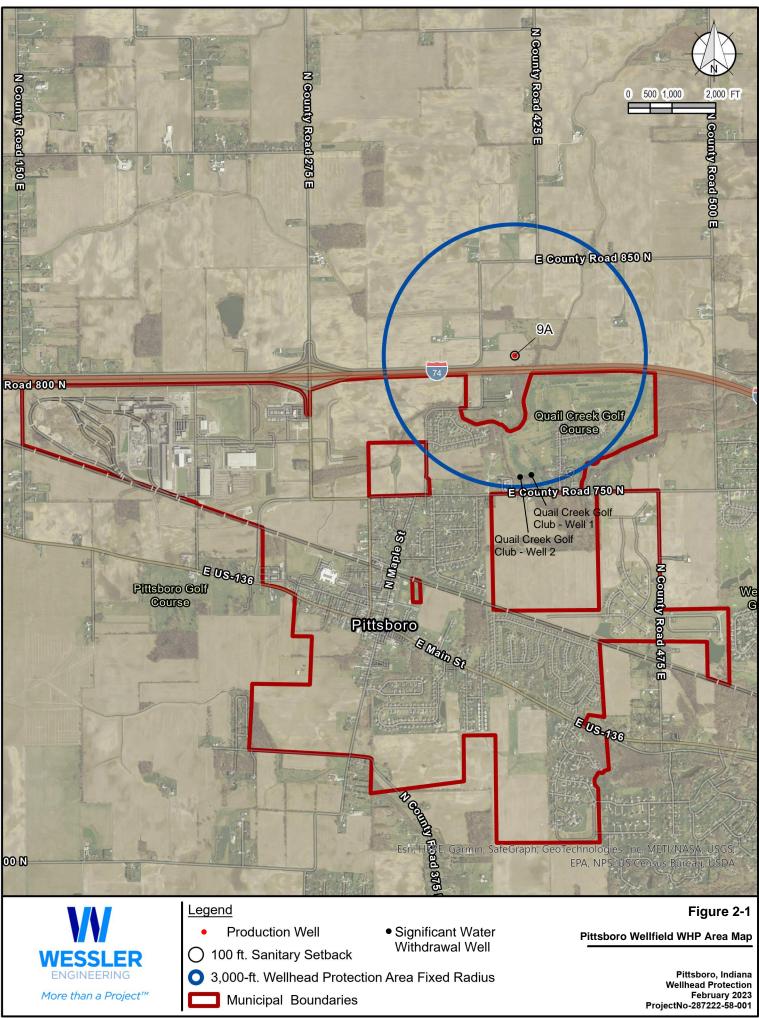


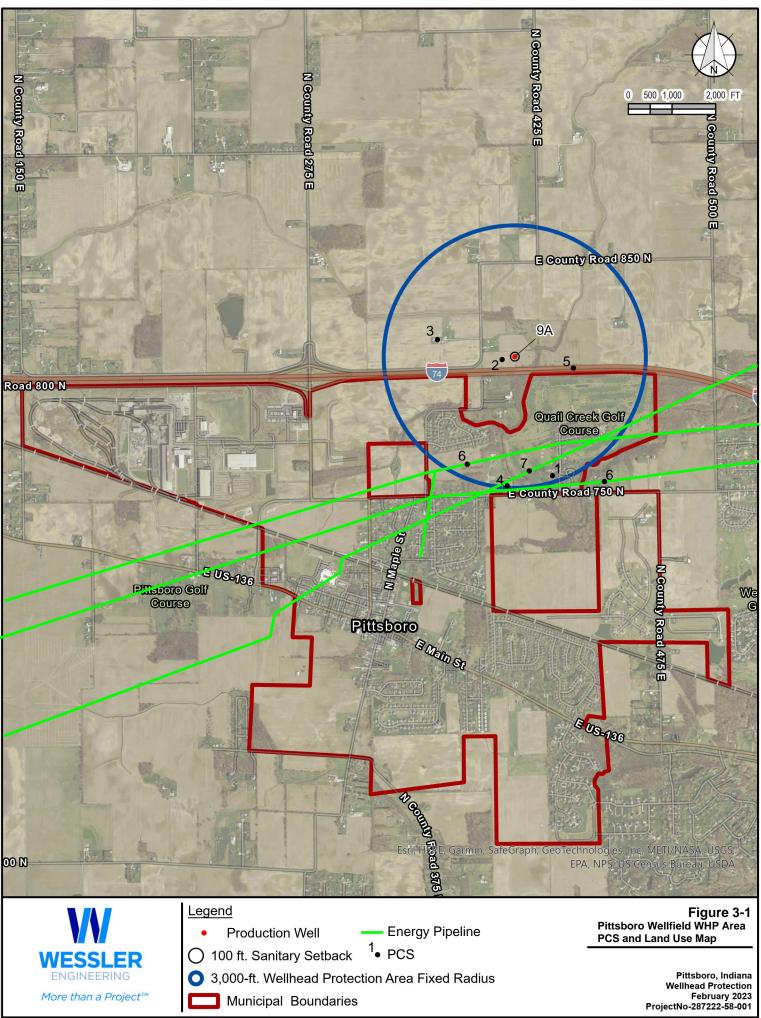
# FIGURE 1-1: PITTSBORO WELLFIELD USGS TOPOGRAPHIC MAP

WHP Phase One Plan Town of Pittsboro Pittsboro, Indiana March 10, 2023 257222.58.01 Page 1 of 1



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APPENDICES

# APPENDIX 1-1

**Public Notice and Proof of Publication** 

Prescribed by State Board of Accounts						General Form No. 99P (Rev. 2009A)			
	TOWN OF PITTSBORO - WELLHEAD PROTECTION PROGRAM					ToThe Republican Hendricks County, LLC.			
	Governmental Unit)			nit)	6 East Main St., P.O. Box 149 Danville, IN 46122				
	Ξ								
	NT	Hen	dricks	County, Indiana		F.ederal ID.#.84-2788479			
	SEMENT HERE	PUBLISHER'S CLAIM							
TOWN OF PITTSBORO ESTABLISHES WELLHEAD PROTECTION PROGRAM	In accordance with the Safe Drinking Water Act and the Indiana Wellhead Protection Rule (327 IAC 8-4.1), the Town of Pittsboro is required to establish a wellhead rorde-	tion (WHP) program for its Community Public Water System. WHP programs are a tool for communities to use in protecting their public water systems. The Indiana Department of Environmental Management is responsible for administering the WHP program.	All Community Public Water Systems are required to develop a WHP plan to protect the areas around their drinking water wells. The WHP Rule requires Community Public Water Systems to establish a WHP Local Planning Team. This team will be instru- mental in the development and implemen- tation of the WHP plan.	Residents of Pittsboro interested in partici- pating in the development of the WHP plan or wanting to learn more about the WHP program should plan to attend an informa- tional meeting on January 23, 2023, at 1:00 pm. at the Pittsboro Administration Building at 33 East Main Street, Pittsboro, Indiana, 46167.	01-12-23-1T hspaxip	ner of which shall th the body of the s 			
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cents per line \$\$ Additional charges for notices containing rule or tabular work (50 per cent									
	Additional charges for notices containing rule or tabular work (50 per cent of above amount)								
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	of two)								
	TOTAL AMOUNT OF CLAIM\$								
	DATA FOR COMPUTING COST Width of single column in picas9.2								
	Pursuant to the provisions and penalties of IC 5-11-10-1, I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.								
	I also certify that the printed matter attached hereto is a true copy, of the same column width and type size, which was duly published in said paper times. The dates of publication being as follows:								
	JAN 12, 2023								
	Additionally, the statement checked below is true and correct:								
	<ul> <li>Newspaper does not have a Web site.</li> <li>Newspaper has a Web site and this public notice was posted on the same day as it was published in the newspaper.</li> <li>Newspaper has a Web site, but due to technical problem or error, public notice was posted on</li> <li>Newspaper has a Web site but refuses to post the public notice.</li> </ul>								
	Bitty Bartley						<b>}</b>		
		Date	JANUARY 12	2023		TitleEditor			

## APPENDIX 1-2

Local Planning Team Roster

## LOCAL PLANNING TEAM (LPT) ROSTER WELLHEAD PROTECTION PLAN TOWN OF PITTSBORO, INDIANA

The Pittsboro Water Department and the Town of Pittsboro would like to thank the following individuals who graciously volunteered their time, energy, and talents to assist in the development and implementation of this WHP Plan:

LPT MEMBER	BACKGROUND INFORMATION
*Gary Golay	Pittsboro Water Superintendent
*Daniel Ball	Pittsboro Water Department
*Jack Swalley	Pittsboro Building Inspector
*Linda Thompson	Resident
*Jeanene Karn	Resident

In addition to the above individuals, Wessler Engineering provided technical support during plan development and implementation.

\* - These LPT members will be directly affected by the implementation of the WHP Plan. Each member lives and/or works within the WHP area and will be directly involved in the implementation of the management and/or contingency plan.

## APPENDIX 1-3

Local Planning Team Meeting Agenda and Attendance



# **MEETING NOTES**

Pittsboro Wellhead Protection Local Planning Team Meeting January 23, 2023, at 1:00 p.m. Pittsboro Admin Building 33 East Main Street

#### Notes:

### AGENDA

- 1. WHP Phase One Plan Introduction
  - Utility Background and Plan Development
  - Local Planning Team
- 2. WHP Area Delineation
  - 3,000-FT Fixed Radius
     o Future Planning
  - Aquifer Susceptibility to Contamination
- 3. Potential Contaminant Source Inventory
  - Identify PCSs
  - Map PCSs
- 4. Management Plan
  - Discuss implementation strategies
  - Determine Sanitary Setback
- 5. Contingency Plan
  - Discuss implementation strategies



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	MEETING AT	TENDANCE SHE	ET
Project:	Wellhead Protection Program – Town of	Pittsboro (257222.	58.01ES01)
Meeting	: Phase One Plan Development Local Plan	nning Team Meetin	g
Date:	January 23, 2023	Time: <u>1:00 p</u>	.m.
Place:	Pittsboro Admin Building – 33 East Mair	n Street, Pittsboro, 1	Indiana
Name: Email:	Jacob Barker JacobB@wesslerengineering.com	Title/Affiliation:	Wessler Engineering Phone: 765-914-4917
	Junda Thompson LINPA@ Lakpublications.c		Phone: 317-730-0851
Name: Email:	Jeanene Karn None	Title/Affiliation:	Phone: 317-730-0857
	JACK Swalley JSwalley Ctownot P. TS boro	Title/Affiliation:	Phone: 317-966-5047
	Gran Grolap ggolay @ town of Pitts	Title/Affiliation:	Water Superilutende Phone: 463-202-8185
	Dawlet Ball Dawlan 701@ gmail. com	Title/Affiliation:	Tor- of P. 466020 Employe / wither best Phone: 463-271-5732
Name: Email:		Title/Affiliation:	Phone:

## APPENDIX 2-1

WHP Area Phase One Delineation and IDEM Correspondence



August 1, 2022

Mr. Christian Walker Indiana Department of Environmental Management Office of Water Quality – Groundwater Section – Drinking Water Branch 100 North Senate Avenue Indianapolis, IN 46204

Re: Phase One Wellhead Protection Area Delineation, Fixed Radius Method, Pittsboro Water Department, Town of Pittsboro, Indiana (PWSID# 5232019).

Mr. Walker:

Wessler Engineering, on behalf of the Pittsboro Water Department and the Town of Pittsboro, would like to request a determination for the delineation of the Town's drinking water wellhead protection (WHP) area. The Town received notification from IDEM in March 2022 of their obligation to comply with the Indiana WHP Rule (327 IAC 8-4.1). The Indiana WHP Rule states that a community public water supply system (PWSS) may use the fixed radius method if the average daily withdrawal is less than 100,000 gallons per day (GPD), per well.

The Town of Pittsboro draws water from one well, Well #9A. Well #9A was completed on November 1, 2017 and began withdrawing water in June 2021. Pumping data from 2021 through 2022 has been reviewed to determine whether the fixed radius method is appropriate for the Town's current operating conditions. The current average pumping rate for Well #9A is 61,612 GPD. Refer to the attached analysis of pumping data.

Based on the most recent pumping data, the fixed radius delineation method appears to be appropriate for the Town's current operating conditions.

The Town anticipates construction of additional drinking water production wells within the next five to ten years. As additional production wells are completed, the analytical method for delineation of the WHP area will likely be more appropriate. The Town anticipates completing a new delineation within the Phase One WHP Plan implementation period.

In the meantime, please use the information above and the enclosed attachments for your review of the Town of Pittsboro's WHP area delineation. Once a preliminary determination is made by IDEM staff, the Town will continue to develop the Phase One WHP Plan. The Town will submit the Phase One WHP Plan to IDEM on or before March 2023.

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Please do not hesitate to contact me with any questions or concerns via phone, 765-914-4917, or email, JacobB@WesslerEngineering.com.

Sincerely,

WESSLER ENGINEERING

Jacob Barker

Jacob Barker, CPESC Environmental Services Project Manager

JB: 08/01/2022: Town of Pittsboro Determination Phase One WHP Area Delineation cc: J:\Pittsboro\Projects\257222 Pittsboro WHP\58-001 WHP Phase One Plan\Wellhead Protection\A WHP Delineation\Pumping Data

## **Town of Pittsboro: Analysis of Pumping Data**

#### 2021 Pumping Rates for Town of Pittsboro Well #9A

Month	Well #9A (gal)	Days	Well #9A (gal/day)	Well #9A (ft3/day)
January	0	31	0	0
February	0	28	0	0
March	0	31	0	0
April	0	30	0	0
May	0	31	0	0
June	3,273,000	30	109,100	14,586
July	1,636,000	31	52,774	7,055
August	1,718,000	31	55,419	7,409
September	1,555,000	30	51,833	6,930
October	1,230,000	31	39,677	5,304
November	1,237,000	30	41,233	5,512
December	1,439,362	31	46,431	<u>6,207</u>
	12,088,362		56,638	7,572

Fixed Radius Delineation Rate = 100,00 gal/day 2021 Average Pumping Rate = 56,638 gal/day Fixed Radius Delineation Rate = 13,369 ft3/day 2021 Average Pumping Rate = 7,572 ft3/day

#### 2022 Pumping Rates for Town of Pittsboro Well #9A

Month	Well #9A (gal)	Days	Well #9A (gal/day)	Well #9A (ft3/day)
January	1,677,000	31	54,097	7,232
February	1,475,000	28	52,679	7,043
March	1,959,000	31	63,194	8,448
April	2,238,000	30	74,600	9,973
May	2,370,000	31	76,452	10,221
June	2,504,000	30	83,467	11,159
July	0	31	0	0
August	0	31	0	0
September	0	30	0	0
October	0	31	0	0
November	0	30	0	0
December	0	31	0	<u>0</u>
	12,223,000		67,415	9,013

Fixed Radius Delineation Rate = 100,00 gal/day 2022 Average Pumping Rate = 67,415 gal/day Fixed Radius Delineation Rate = 13,369 ft3/day 2022 Average Pumping Rate = 9,013 ft3/day

Average Pumping Rate = 61,612 gal/day

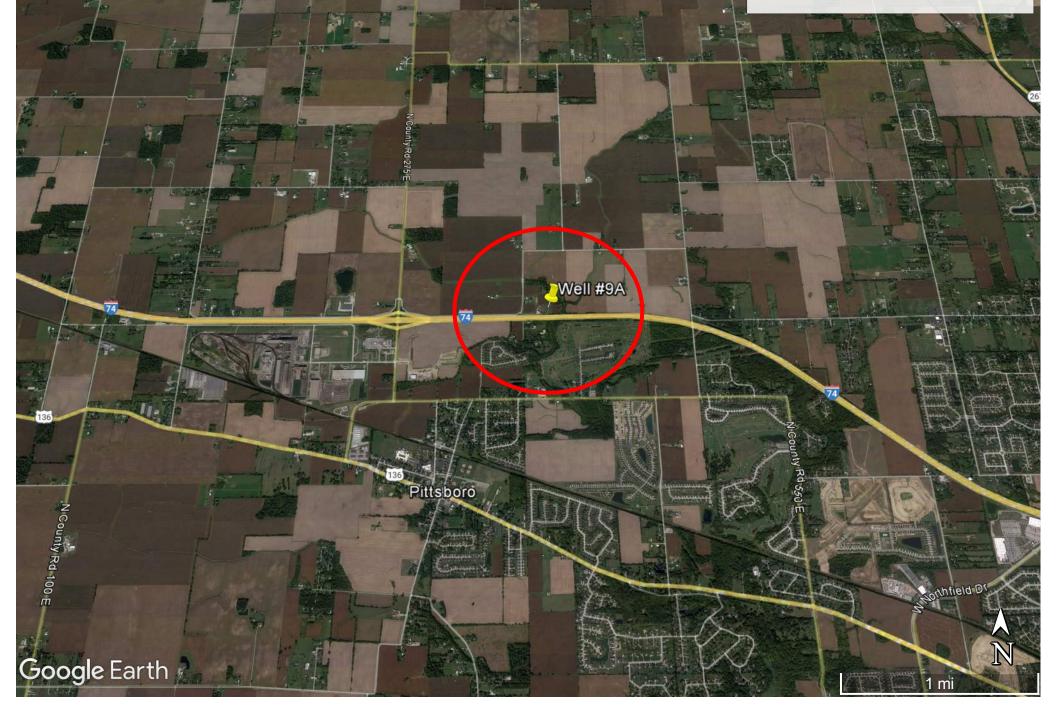
## Town of Pittsboro WHP Area Map

3,000-Foot Fixed Radius WHP Area

## Legend

S000-Foot WHP Area Fixed Radius

🗧 Well #9A



JS17002											
	OF WATE			DIANA			County F Nt DNR Va	umber			
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Fill in completely			0			or (317) 232-4160			Include i	if appli	icable
County where drilled		Cinil tou	mship name	WE	LL LOCATION		C) 10				
Hendricks		Middle				Township number (N- 17N	1E	Imber (E-W	v)  S	ection	30
Driving direction to the well directions) Show well addres	location(includ	ingtrip origin,	street & roa	k name	s, indtersecting ro	ads, and compass	UTM No	orthing		44	14446
North of I-74 and eas	t of Frontag	e Rd.	Wet nunt.				UTM Ea	sting		5	4052
							Datum	X NAD	27		AD 83
							GPS us Subdivisi		lot number	(if ap	plicable)
location address	at. 1							-			
If drilled for water supply,	this well is:	tirs	t well on pr			ment well	Additional wel	I on prope	erty		ry hole
				JWNE	R -CONTRAC	IOR					
OWNERPittsboro Building contractorname	#9A										
building contractor-name			Addre	iss (num	ber and street, city,	state, ZIP code)		ין	Telephone N	lumbe	ส
Drilling contractor-name			Addre	ss (num	ber and street, city,	state, ZIP code)			Telephone	numbr	er
Ortman Drilling						, Indiana 46901			765-459		
Equipment operator-name						number	Date of w	rell comple		412	<u> </u>
Brant Byrd-Nelson G						2615		11/	1/2017		
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x Public supply		erse rotary			low-well jet					feet)	(feet)
Industrial / commercial	Cabl	le tool			o-well jet	brown clay				0	9
	□ Jet				ump installed					1	
Irrigation Monitoring / environ.		<pre>ket / bore er(including H</pre>		Other:		gray clay	and a paralely described on the paralely of the second second second second second second second second second			9	57
test hole		ct push		Pump	depth	fine to coarse sand	and gravel			57	67
	Other:			setting							
Total depth of well (feet) 20	Borehole diameter (ir	, 17 1/2	Gravel pa	ack ins	erted x Yes	gray clay				67	174
Casing 20	Casing	1.)	Casing n		NO	very fine to coarse s	sand			174	190
length (feet) 190+2' u		n.) 12			x Steel						
Screen	Screen		Screen n	nateria		fine to coarse sand	and gravel			190	200
length (feet) 1 Screen	diameter (ir Water qual	**	stainless		x Steel	4					
	4 (clear, odor		ear							-+	
	And the second state and state of the second s	APACITY T	EST			used 12 bags drillin	g mud and 400	0 gal. wai	ter		
Test method Static I x Air below s	evel urface( ft.)	Gallons	Hours		awdown						
	unace( IL.)	per min.	tested	(Cn	ange in level)					-+	
	92	250		4	feet						
GROUTI				vel Pa			er en anter a mandel de transmen en ala de			-	
Grout material	Grout depth from to			14/0	Depth filled					$\rightarrow$	
EZ seal	160	0 040	lint Silica	WS	from to 200 160						
Installation method	No. of bags u		ion method	1	quantity					-+	
Rumped with tramic	25	March	ad in		4000/6-						
Pumped with tremie I hereby swear or affirm, uno	35 ler the penalties	Wash for Signatur		contrac	4000lbs.	Additional spa presentative MUST B	E SIGNED OR S	a comment		e side ate	
perjury, that the information is, to the best of my knowled accurate, and complete.	submitted herew	ith I.I.	roberts				_ 5.0.120 0110				)/2017

### **Jacob Barker**

From:	Walker, Christian <cwalker1@idem.in.gov></cwalker1@idem.in.gov>
Sent:	Monday, August 22, 2022 11:23 AM
То:	Jacob Barker
Subject:	FW: Pittsboro Water Department (PWSID# 5232019) Phase One Wellhead Protection Area Delineation

**\*\***WARNING: External email, verify sender before opening attachments or clicking on links.**\*\*** Jake,

Looks like I dropped the ball on sending the response to you. The following chain contains the response from our geologist.

Thanks, Christian

From: Walker, Christian
Sent: Friday, August 05, 2022 12:59 PM
To: Ross, Autumn <ANRoss@idem.IN.gov>
Subject: RE: Pittsboro Water Department (PWSID# 5232019) Phase One Wellhead Protection Area Delineation

Thank you!

From: Ross, Autumn <<u>ANRoss@idem.IN.gov</u>>
Sent: Friday, August 05, 2022 12:58 PM
To: Walker, Christian <<u>CWalker1@idem.IN.gov</u>>
Subject: RE: Pittsboro Water Department (PWSID# 5232019) Phase One Wellhead Protection Area Delineation

Hi Christian,

Based on the 2021 – 2022 pumping rates for Pittsboro Water Department, a fixed radius delineation is acceptable. The current average pumping rates for 2021 – 2022 are around 62,000 GPD.

From: Walker, Christian <<u>CWalker1@idem.IN.gov</u>>
Sent: Monday, August 1, 2022 1:59 PM
To: Ross, Autumn <<u>ANRoss@idem.IN.gov</u>>
Subject: FW: Pittsboro Water Department (PWSID# 5232019) Phase One Wellhead Protection Area Delineation

Please review the attached delineation.

From: Jacob Barker <<u>JacobB@wesslerengineering.com</u>>
Sent: Monday, August 01, 2022 1:57 PM
To: Walker, Christian <<u>CWalker1@idem.IN.gov</u>>
Subject: Pittsboro Water Department (PWSID# 5232019) Phase One Wellhead Protection Area Delineation

\*\*\*\* This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*\*

Good afternoon Christian,

Please see the attached request for determination of WHP Area Delineation for the Pittsboro Water Department and the Town of Pittsboro, Indiana (PWSID# 5232019), as required by the Indiana WHP Rule (327 IAC 8-4.1). Included in the attachment is pumping data from 2021-2022.

Let me know if you have any questions.

Thank you,

Jake

Jacob Barker, C.P.E.S.C. | Environmental Services Project Manager II Wessler Engineering, Inc. 1130 AAA Way Carmel Indiana 46032

P:317-296-6347 C:765-914-4917 D:317-788-5847

## APPENDIX 3-1

EDR Radius Map Report

## **Pittsboro Wellhead Protection Area**

7585 Quail Creek Trace Pittsboro, IN 46167

Inquiry Number: 7102569.2s August 30, 2022

# The EDR Radius Map<sup>™</sup> Report



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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#### **GEOCHECK ADDENDUM**

**GeoCheck - Not Requested** 

*Thank you for your business.* Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### ADDRESS

7585 QUAIL CREEK TRACE PITTSBORO, IN 46167

#### COORDINATES

Latitude (North):	39.8805570 - 39 52' 50.00"
Longitude (West):	86.4563440 - 86 27 22.83"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	546488.4
UTM Y (Meters):	4414432.0
Elevation:	930 ft. above sea level

2019

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	
Version Date:	

13159155 BROWNSBURG, IN 2019

13159179 FAYETTE, IN

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

South Map: Version Date:

Portions of Photo from:	20140705
Source:	USDA

#### Target Property Address: 7585 QUAIL CREEK TRACE PITTSBORO, IN 46167

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
1	JAMES ROSS STONER	7585 QUAIL CREEK TRA	OISC		TP
2	PITTSBORO WATER COMP	8113 NORTHSIDE DR	NPDES	Lower	357, 0.068, East
3	BALDAUF FARMS INCORP		CFO	Higher	569, 0.108, NW
4	JASON LOVE, TOWN OF	I 74 & FRONTAGE RD	NPDES	Higher	797, 0.151, WSW
5	HENDRICKS COUNTY BRI	CR 850 N & CR 400 E	NPDES	Lower	1031, 0.195, NNW

#### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

SiteDatabase(s)EPA IDJAMES ROSS STONER<br/>7585 QUAIL CREEK TRA<br/>PITTSBORO, IN 46167OISCN/A

#### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

#### STANDARD ENVIRONMENTAL RECORDS

#### Lists of Federal NPL (Superfund) sites

NPL\_\_\_\_\_ National Priority List Proposed NPL\_\_\_\_\_ Proposed National Priority List Sites NPL LIENS\_\_\_\_\_\_ Federal Superfund Liens

#### Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

#### Lists of Federal sites subject to CERCLA removals and CERCLA orders

#### Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE...... Superfund Enterprise Management System Archive

#### Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

#### Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

#### Lists of Federal RCRA generators

RCRA-LQG\_\_\_\_\_ RCRA - Large Quantity Generators

RCRA-SQG	RCRA - Small Quantity Generators
RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity
	Generators)

#### Federal institutional controls / engineering controls registries

LUCIS	Land Use Control Information System
US ENG CONTROLS	Engineering Controls Sites List
	Institutional Controls Sites List

#### Federal ERNS list

ERNS\_\_\_\_\_ Emergency Response Notification System

#### Lists of state- and tribal hazardous waste facilities

SHWS\_\_\_\_\_ List of Hazardous Waste Response Sites Scored Using the Indiana Scoring Model

#### Lists of state and tribal landfills and solid waste disposal facilities

OPEN DUMPS\_\_\_\_\_ Open Dump Waste Sites SWF/LF\_\_\_\_\_ Permitted Solid Waste Facilities

#### Lists of state and tribal leaking storage tanks

LUST	Lust Leaking Underground Storage Tank List
	Leaking Underground Storage Tanks on Indian Land

#### Lists of state and tribal registered storage tanks

FEMA UST	Underground Storage Tank Listing
UST	Indiana Registered Underground Storage Tanks
AST	Above Ground Storage Tanks
INDIAN UST	. Underground Storage Tanks on Indian Land

#### State and tribal institutional control / engineering control registries

AUL..... Sites with Restrictions

#### Lists of state and tribal voluntary cleanup sites

VCP	Voluntary Remediation Program Site List
SCP	State Cleanup Program Sites
	Voluntary Cleanup Priority Listing

#### Lists of state and tribal brownfield sites

BROWNFIELDS\_\_\_\_\_ Brownfields Site List

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

#### Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE	. Waste Tire Sites Listing
SWRCY	Recycling Facilities
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
IHS OPEN DUMPS	Open Dumps on Indian Land

#### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL	Delisted National Clandestine Laboratory Register
CDL	Clandestine Drug Lab Listing
DEL SHWS	Deleted Commissioner's Bulletin Sites List
US CDL	National Clandestine Laboratory Register
	Per- and Polyfluoroalkyl Substances

#### Local Land Records

LIENS 2\_\_\_\_\_ CERCLA Lien Information

#### **Records of Emergency Release Reports**

HMIRS	Hazardous Materials Information Reporting System
SPILLS	
SPILLS 90	SPILLS 90 data from FirstSearch
SPILLS 80	. SPILLS 80 data from FirstSearch

#### **Other Ascertainable Records**

FUDS DOD	RCRA - Non Generators / No Longer Regulated Formerly Used Defense Sites Department of Defense Sites State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	
	2020 Corrective Action Program List
	Toxic Substances Control Act
	Toxic Chemical Release Inventory System
SSTS	
ROD	
RMP	
RAAIS	RCRA Administrative Action Tracking System
	Potentially Responsible Parties
	PCB Activity Database System
	Integrated Compliance Information System
	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide
	Act)/TSCA (Toxic Substances Control Act) Material Licensing Tracking System
	Steam-Electric Plant Operation Data
	Coal Combustion Residues Surface Impoundments List
	PCB Transformer Registration Database
	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing

#### EDR HIGH RISK HISTORICAL RECORDS

#### EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

#### EDR RECOVERED GOVERNMENT ARCHIVES

#### Exclusive Recovered Govt. Archives

RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

#### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Other Ascertainable Records

CFO: This dataset consists of Confined Feeding Operations - i.e. A swine, chicken, turkey, beef or dairy agri-business that has large enough numbers of animals that IDEM regulates for environmental concerns, as defined by IC 13-18-10 of the Indiana Code.

A review of the CFO list, as provided by EDR, and dated 04/02/2020 has revealed that there is 1 CFO site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BALDAUF FARMS INCORP Regulatory: 3203		NW 0 - 1/8 (0.108 mi.)	3	9

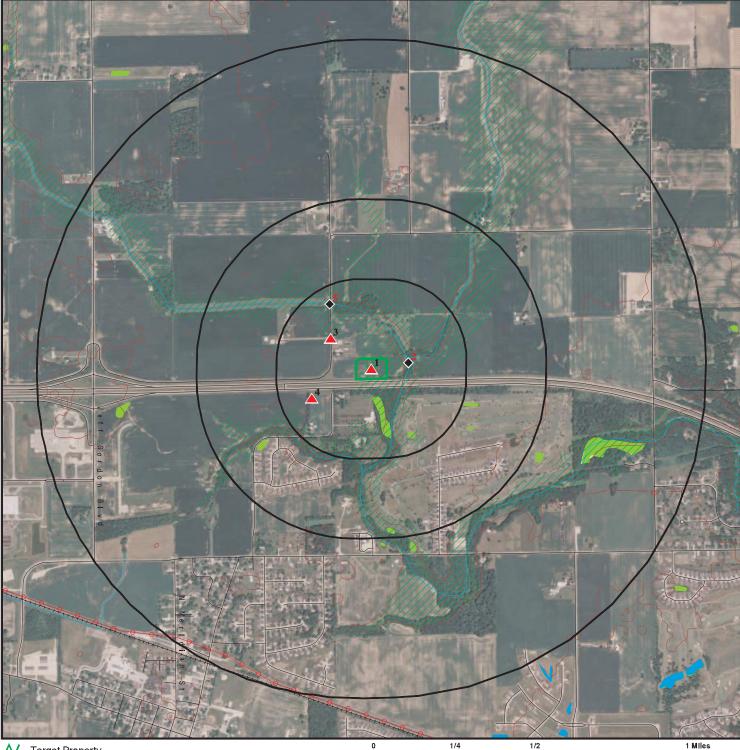
NPDES: A listing of active NPDES Permit Section facility locations.

A review of the NPDES list, as provided by EDR, and dated 02/09/2022 has revealed that there are 3 NPDES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JASON LOVE, TOWN OF Permit Status Desc: Effective NPDES Id: INRA04133	I 74 & FRONTAGE RD	WSW 1/8 - 1/4 (0.151 mi.)	4	10
Lower Elevation	Address	Direction / Distance	Map ID	Page
PITTSBORO WATER COMP Permit Status Desc: Effective NPDES Id: IN0064696	8113 NORTHSIDE DR	E 0 - 1/8 (0.068 mi.)	2	8
HENDRICKS COUNTY BRI Permit Status Desc: Terminated NPDES Id: INR10L299	CR 850 N & CR 400 E	NNW 1/8 - 1/4 (0.195 mi.)	5	10

There were no unmapped sites in this report.

## **OVERVIEW MAP - 7102569.2S**



Target Property N

- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites



Indian Reservations BIA

Power transmission lines Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

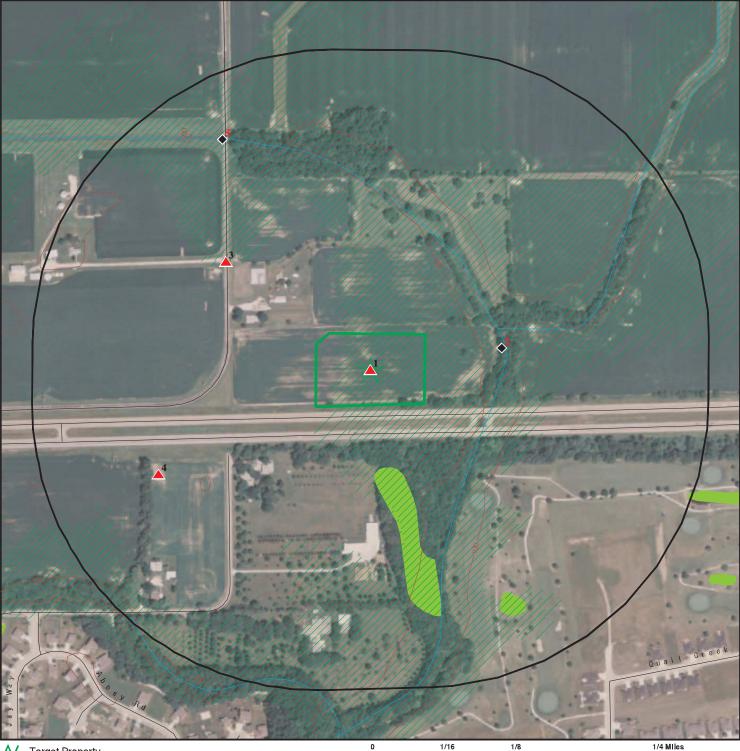
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

Ħ

SITE NAME:	Pittsboro Wellhead Protection Area
ADDRESS:	7585 Quail Creek Trace
	Pittsboro IN 46167
LAT/LONG:	39.880557 / 86.456344

CLIENT: Wessler Engineering CONTACT: Amy Harvell INQUIRY #: 7102569.2s DATE: August 30, 2022 11:14 am Copyright © 2022 EDR, Inc. © 2015 TomTom Rel. 2015.

### **DETAIL MAP - 7102569.2S**



- Target Property N
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors 2
- National Priority List Sites
- Dept. Defense Sites



Indian Reservations BIA Special Flood Hazard Area (1%) 0.2% Annual Chance Flood Hazard National Wetland Inventory State Wetlands

Ħ

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: ADDRESS:	Pittsboro Wellhead Protection Area 7585 Quail Creek Trace
	Pittsboro IN 46167
LAT/LONG:	39.880557 / 86.456344

CLIENT: Wessler Engineering CONTACT: Amy Harvell INQUIRY #: 7102569.2s DATE: August 30, 2022 11:15 am Copyright © 2022 EDR, Inc. © 2015 TomTom Rel. 2015.

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Lists of Federal NPL (Su	perfund) site	S						
NPL Proposed NPL NPL LIENS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Lists of Federal Delisted	I NPL sites							
Delisted NPL	0.500		0	0	0	NR	NR	0
Lists of Federal sites su CERCLA removals and		rs						
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of Federal CERCL	A sites with N	FRAP						
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA fa undergoing Corrective A								
CORRACTS	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA T	SD facilities							
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA g	enerators							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.500		0	0	0	NR	NR	0
Lists of state- and tribal hazardous waste faciliti								
SHWS	0.500		0	0	0	NR	NR	0
Lists of state and tribal and solid waste disposa								
OPEN DUMPS SWF/LF	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of state and tribal	leaking storag	je tanks						
LUST	0.500		0	0	0	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal	registered sto	orage tanks						
FEMA UST UST AST INDIAN UST	0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	0 0 0 0
State and tribal institution control / engineering co		es						
AUL	0.500		0	0	0	NR	NR	0
Lists of state and tribal	voluntary clea	anup sites						
VCP SCP INDIAN VCP	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Lists of state and tribal		tes						
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONME	NTAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Waste Disposal Sites	Solid		-	-	-			-
SWTIRE SWRCY INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardou Contaminated Sites	s waste /							
US HIST CDL CDL DEL SHWS US CDL PFAS	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR	0 0 0 0
Local Land Records								
LIENS 2	0.500		0	0	0	NR	NR	0
Records of Emergency	Release Repo	orts						
HMIRS SPILLS SPILLS 90 SPILLS 80	0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UIC MINES MRDS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
EDR HIGH RISK HISTORICA	L RECORDS							
EDR Exclusive Records								
EDR MGP	0.500		0	0	0	NR	NR	0
EDR Hist Auto	0.500		0	0	0	NR	NR	0
EDR Hist Cleaner	0.500		0	0	0	NR	NR	0
EDR RECOVERED GOVERN	MENT ARCHIV	ES						
Exclusive Recovered Go	vt. Archives							
RGA HWS	0.500		0	0	0	NR	NR	0
RGA LF	0.500		0	0	0	NR	NR	0
RGA LUST	0.500		0	0	0	NR	NR	0
- Totals		1	2	2	0	0	0	5

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

Target	JAMES ROSS STONER 7585 QUAIL CREEK TRACE PITTSBORO, IN 46167		OISC	S125373381 N/A
	OISC:			
	Name:	JAMES ROSS STONER		
Actual:	Secondary Business Name:	Not reported		
930 ft.	Address:	7585 QUAIL CREEK TRACE		
	City,State,Zip:	PITTSBORO, IN 46167-9034		
	Status:	Active		
	Categories:	3B-Turf Pest Management		
	Result:	Pass		
	Credits Acquired:	0		
	Credits Required:	20		
	Credits Needed:	20		
	Credits Needed By:	12/31/2024		
	Meeting ID:	Not reported		
	Date Attended:	Not reported		
	Meeting CAT:	Not reported		
	Meeting Name:	Not reported		
	Course Credits:	Not reported		
	Earned Credits:	Not reported		
	Program Type:	Not For Hire Applicator		
	License Expire Date:	12/31/2021		
	Mailing Address 1:	Not reported		
	Mailing Address 2:	Not reported		
	Mailing City:	Not reported		
	Mailing State:	Not reported		
	Mailing Zip:	Not reported		
	Mailing County:	Not reported		
	Program Email:	Not reported		
			_	
	PITTSBORO WATER COMPANY		NPDES	S123492308
East	8113 NORTHSIDE DR		NPDES	S123492308 N/A
East < 1/8			- NPDES	
East < 1/8 0.068 mi.	8113 NORTHSIDE DR		NPDES	
East < 1/8	8113 NORTHSIDE DR		- NPDES	
East < 1/8 0.068 mi.	8113 NORTHSIDE DR		- NPDES	
East < 1/8 0.068 mi. 357 ft.	8113 NORTHSIDE DR PITTSBORO, IN 46167	PITTSBORO WATER COMPANY	- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative: Lower	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES:	PITTSBORO WATER COMPANY 8113 NORTHSIDE DR	- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name:		- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address:	8113 NORTHSIDE DR	- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip:	8113 NORTHSIDE DR PITTSBORO, IN 46167	- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number:	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696	- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code:	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported	- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor:	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported Minor		
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc:	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported Minor Not reported		
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc:	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported Minor Not reported Municipal or Water District		
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East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Permit Status Desc: Issue Date:	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported Minor Not reported Municipal or Water District Effective 11/08/2018		
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Permit Status Desc: Issue Date: Expired Date: Effective Date: Terminated Date:	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported Minor Not reported Municipal or Water District Effective 11/08/2018 11/30/2023		
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Facility Type Desc: Permit Status Desc: Issue Date: Expired Date: Effective Date: Terminated Date: DMR Cognizant Official:	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported Minor Not reported Municipal or Water District Effective 11/08/2018 11/30/2023 12/01/2018		
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Facility Type Desc: Permit Status Desc: Issue Date: Expired Date: Effective Date: Terminated Date: DMR Cognizant Official: DMR Cognizant Telephone:	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported Minor Not reported Municipal or Water District Effective 11/08/2018 11/30/2023 12/01/2018 Not reported Not reported Not reported Not reported		
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East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Permit Status Desc: Issue Date: Expired Date: Effective Date: Terminated Date: DMR Cognizant Official: DMR Cognizant Telephone: Waterbody: Total Actual Average Flow (Meterschere)	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported Minor Not reported Municipal or Water District Effective 11/08/2018 11/30/2023 12/01/2018 Not reported Not reported Not reported Not reported PITTSBORO POTW GD): Not reported	- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Permit Status Desc: Issue Date: Expired Date: Effective Date: Terminated Date: DMR Cognizant Official: DMR Cognizant Telephone: Waterbody: Total Actual Average Flow (MGD	8113 NORTHSIDE DR         PITTSBORO, IN 46167         IN0064696         Not reported         Minor         Not reported         Municipal or Water District         Effective         11/08/2018         11/30/2023         12/01/2018         Not reported         Not reported         Not reported         Not reported         Not reported         PITTSBORO POTW         GD):       Not reported         ):       2.599	- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Permit Status Desc: Issue Date: Expired Date: Effective Date: Terminated Date: DMR Cognizant Official: DMR Cognizant Telephone: Waterbody: Total Actual Average Flow (MGD FRS HUC Code:	8113 NORTHSIDE DR         PITTSBORO, IN 46167         IN0064696         Not reported         Minor         Not reported         Municipal or Water District         Effective         11/08/2018         11/30/2023         12/01/2018         Not reported         PITTSBORO POTW         GD):       Not reported         ):       2.599         05120201	- NPDES	
East < 1/8 0.068 mi. 357 ft. Relative: Lower Actual:	8113 NORTHSIDE DR PITTSBORO, IN 46167 NPDES: Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Permit Status Desc: Issue Date: Expired Date: Effective Date: Terminated Date: DMR Cognizant Official: DMR Cognizant Telephone: Waterbody: Total Actual Average Flow (MGD	8113 NORTHSIDE DR PITTSBORO, IN 46167 IN0064696 Not reported Minor Not reported Municipal or Water District Effective 11/08/2018 11/30/2023 12/01/2018 Not reported Not reported Not reported Not reported PITTSBORO POTW GD): Not reported ): 2.599 05120201 39.880833	NPDES	

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

3	BALDAUF FARMS INCORPORATED		CFO	S114536738
NW < 1/8	IN			N/A
< 1/8 0.108 mi.	, IN			
569 ft.				
Deletive				
Relative: Higher	CFO: Name:	BALDAUF FARMS INCORPORATED		
-	Address:	Not reported		
Actual: 931 ft.	City,State,Zip:	IN		
55111.	Regulatory:	3203		
	Program:	CF		
	Reference:	Access Point		
	Date Data Collected:	Not reported		
	Indiana Parish or Township:	Not reported		
	Identification number used by IDEM:	Not reported		
	Section number:	Not reported		
	PLSS Township address:	Not reported		
	PLSS Range address:	Not reported		
	Relative size of the facility:	Not reported		
	Date CFO application was submitted:	Not reported		
	Date application was approved:	Not reported		
	Date the facility began operating as a regulated CFO: Approval number:	Not reported Not reported		
	NPDES Number:	Not reported		
	Date NPDES Permit number was issued for the facility:	•		
	NPDES Permit requirements:	Not reported		
	NPDES System:	Not reported		
	Date MMP application was submitted:	Not reported		
	Date MMP application was approved:	Not reported		
	Date Notices are Due:	Not reported		
	Date Notices are received:	Not reported		
	Date submitted Affidavit for the facility:	Not reported		
	Date the facility began operating as a regulated CFO:	Not reported		
	Description of affidavit:	Not reported		
	Approximate number of Nursery Poultry in hatcheries:	Not reported		
	Approximate number of Finishers at the facility:	Not reported		
	Approximate number of Sows at the facility: Approximate number of Boars at the facility:	Not reported Not reported		
	Approximate number of Beef Calves at the facility:	Not reported		
	Approximate number of Beef Calves at the facility:	Not reported		
	Approximate number of Dairy Cattle at the facility:	Not reported		
	Approximate number of Dairy Calves at the facility:	Not reported		
	Approximate number of Veal Calves at the facility:	Not reported		
	Approximate number of Dairy Heifers at the facility:	Not reported		
	Approximate number of Layers at the facility:	Not reported		
	Approximate number of Pullets at the facility:	Not reported		
	Approximate number of Broilers at the facility:	Not reported		
	Approximate number of Poultry at the facility:	Not reported		
	Approximate number of Turkeys at the facility:	Not reported		
	Approximate number of Ducks at the facility:	Not reported		
	Approximate number of Sheep held at the facility:	Not reported		
	Approximate number of confined Horses at the facility: Latitude:	Not reported 39.88193963900		
	Longitude:	-86.45874087200		
	Longitudo.	55.+507 +007 200		

Mar ID				
Map ID Direction		MAP FINDINGS		
Distance	Site		Detebooo(a)	EDR ID Number
Elevation	Site		Database(s)	EPA ID Number
4 WSW 1/8-1/4 0.151 mi.	JASON LOVE, TOWN OF PITTSBORO WATE I 74 & FRONTAGE RD PITTSBORO, IN 46167	R DEPARTMENT	NPDES	S125402333 N/A
797 ft.				
Relative: Higher	NPDES: Name:	JASON LOVE, TOWN OF PITTSBORO WA	TER DEPARTM	ENT
Actual: 934 ft.	Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Facility Type Desc: Permit Status Desc: Issue Date: Expired Date: Effective Date: Terminated Date: DMR Cognizant Official: DMR Cognizant Telephone: Waterbody: Total Actual Average Flow (MGD): Total App. Design Flow (MGD): FRS HUC Code: Latitude In Decimal Degrees: Longitude In Decimal Degrees:	I 74 & FRONTAGE RD PITTSBORO, IN 46167 INRA04133 Not reported Minor Not reported Effective 08/28/2019 08/27/2024 08/28/2019 Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported O5120201 39.8792222 -86.459861		
5 NNW 1/8-1/4 0.195 mi. 1031 ft.	HENDRICKS COUNTY BRIDGE NUMBER 19 CR 850 N & CR 400 E PITTSBORO, IN 46167		NPDES	S121410474 N/A
Relative:	NPDES:			
Lower Actual: 921 ft.	Name: Address: City,State,Zip: Permit Number: Primary Facility Sic Code: Major/Minor: Primary Facility Sic Desc: Facility Type Desc: Facility Type Desc: Facility Type Desc: Permit Status Desc: Issue Date: Expired Date: Effective Date: DMR Cognizant Official: DMR Cognizant Telephone: Waterbody: Total Actual Average Flow (MGD): Total Actual Average Flow (MGD): FRS HUC Code: Latitude In Decimal Degrees: Longitude In Decimal Degrees:	HENDRICKS COUNTY BRIDGE NUMBER CR 850 N & CR 400 E PITTSBORO, IN 46167 INR10L299 Not reported Minor Not reported Municipal or Water District Terminated 12/30/2015 12/28/2020 12/30/2015 12/28/2020 Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported S120201 39.8835 -86.4588	9	

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)

NO SITES FOUND

## APPENDIX 4-1

IDEM Sample and Compliance Schedule

# **Drinking Water Branch**

## **Sample and Compliance Schedules**

## **Return Links**

Water System Detail Prin

Water Systems

<u>Water System</u> <u>Search</u>

County Map

**Glossary** 

Water System No. :	IN5232019	Federal Type :	С
Water System Name :	PITTSBORO WATER COMPANY	State Type :	С
Principal County	HENDRICKS	<b>Primary Source</b>	SWD
Served :	HENDRICKS	:	SWP
Status :	А	Activity Date :	12-03-1998

## **TCR Schedules**

Sample Count	Sample Type	1	Effective Begin Date	Effective End Date	Seasonal Start MM/DD	Seasonal End MM/DD	Analyte Code	Analyte Name
5	RT	MN	05-01-2022		1/1	12/31	3100	COLIFORM (TCR)
4	RT	MN	02-01-2019	04-30-2022	1/1	12/31	3100	COLIFORM (TCR)

Total Number of Schedules Displayed = 2

## **Frequent Field Sample Schedules**

Water System Facility State Asgn ID	Water System Facility Name	Analyte Code	Analyte Name	Days to Monitor per month	Samples Required per day	Effective Begin Date	Effective End Date	Summary Type
---	-------------------------------------	-----------------	--------------	---------------------------------	--------------------------------	-------------------------	-----------------------	-----------------

Total Number of Schedules Displayed = 0

## **Non-TCR Group Schedules**

Water System Facility State Asgn ID	Water System Facility Name	Analyte Group Code	Analyte Group Name	Sample Count	Sample Type	Frequency	Period	Next Monitoring Period Date Range
DS001	DISTRIBUTION SYSTEM	<u>PBCU</u>	LEAD AND COPPER	20	RT	6M	07-01-2022 to 12-31- 2022	01-01-2023 to 06-30- 2023
TP001	TREATMENT PLANT	<u>RI13</u>	REG IOC- W/SOD AND CY	1	RT	3Y	Monitoring Completed	01-01-2025 to 12-31- 2025
TP001	TREATMENT PLANT	<u>RS27</u>	REG SOC- PCBDIOXGLY	1	RT	QT	No Monitoring in Current Period	04-01-2023 to 06-30- 2023
TP001	TREATMENT PLANT	<u>RV21</u>	REG VOC	1	RT	QT	07-01-2022 to 09-30- 2022	10-01-2022 to 12-31- 2022

Total Number of Schedules Displayed = 4

Water System Facility State Asgn ID	Water System Facility Name	Analyte Code	Analyte Name	Sample Count	Sample Type	Sample Frequency	Period	Next Monitoring Period Date Range
DS001	DISTRIBUTION SYSTEM	2456	TOTAL HALOACETIC ACIDS (HAA5)	2	RT	QT	08-01-2022 to 08-31- 2022	11-01-2022 to 11-30- 2022
DS001	DISTRIBUTION SYSTEM	2950	TTHM	2	RT	QT	08-01-2022 to 08-31- 2022	11-01-2022 to 11-30- 2022
TP001	TREATMENT PLANT	4000	GROSS ALPHA, EXCL. RADON & U	1	RT	QT	07-01-2022 to 09-30- 2022	10-01-2022 to 12-31- 2022
TP001	TREATMENT PLANT	1040	NITRATE	1	RT	YR	Monitoring Completed	01-01-2023 to 12-31- 2023
TP001	TREATMENT PLANT	1041	NITRITE	1	RT	1T	01-01-2022 to open	One Time Monitoring
TP001	TREATMENT PLANT	4020	RADIUM-226	1	RT	QT	07-01-2022 to 09-30- 2022	10-01-2022 to 12-31- 2022
TP001	TREATMENT PLANT	4030	RADIUM-228	1	RT	QT	07-01-2022 to 09-30- 2022	10-01-2022 to 12-31- 2022

## Non-TCR Individual Schedules

**Total Number of Schedules Displayed = 7** 

## **Compliance Schedule**

Activity Name	Activity Due Date	Activity Projected Date	Activity Achieved Date	Activity Reported Date
CCR DELIVERY TO IDEM	06-30-2022		05-18-2022	05-19-2022
CCR CERTIFICATION	09-30-2022		05-18-2022	05-19-2022
LEAD CONSUMER NOTICE OF RESULTS	09-30-2022		06-06-2022	
LEAD CONSUMER NOTICE OF RESULTS	12-31-2022			

#### **Total Number of Compliance Schedules Displayed = 4**

#### Disclaimer

If the Current Monitoring Period Date Range reads "Monitoring Completed", sufficient samples have been collected from the specified water system facility (WSF). If the Current Monitoring Period Date Range reads "Monitoring Partially Completed", sufficient samples have been collected for some but not all the analytes in the group. A monitoring violation may occur if samples were not collected from the appropriate sampling point, were not analyzed by a certified laboratory, or were not reported on time. Total Coliform Rule (TCR), triggered, confirmation or repeat schedules or schedules with a daily or weekly frequency will not display this message.

Annual Drinking Water Quality Report/Consumer Confidence Report

#### **Annual Drinking Water Quality Report**

#### Pittsboro Water Company

#### IN5232020

Annual Water Quality Report for the Period of January 1 to December 31, 2021.

This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.

The source of drinking water used by PITTSBORO WATER COMPANY is purchased surface water from Citizens Water. All Source Water Assessment Plans (SWAP) or Well Head Protection Plan (WHPP) should be obtained through Citizens Water. The other source of drinking water used by PITTSBORO WATER COMPANY is groundwater well on site.

For more information regarding this report contact: Name: <u>Gary Golay, Water Works Operator: WT3/DSL</u> Phone: <u>317-892-3326</u>

If you would like to learn more, please attend any of our regularly scheduled town council meetings. They are held on the third Tuesday of every month at 7:00 pm.

Este informe contlene Información muy importante sobre el Agau que bebe. Tradúzacalo ó hable con alguien que lo Entienda bien.

Type of Water	Location
<u>SW</u>	South Well Fields- Well #1
<u>GW</u>	TREATMENT PLANT WELL
	SW

#### What's in my drinking water before it is treated?

The source of drinking water (both tap water and bottled water) includes rivers, lakes, streams, ponds, reservoirs, spring, and wells. As water travels over the surface of the land or though the ground, it dissolves naturally-occurring minerals and in some cases, radioactive material, and can pickup substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminant does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800)426-4791.

#### Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.
- If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (EPA) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations established limits for contaminants in bottled water which must provide the same protection for public health. The presence of contaminants in drinking water does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Hotline at (800) 426-4791.

#### What if I have special health considerations?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants, can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800) 426-4791.

#### How is the water treated?

Citizens Water's ground water treatment plants aerate and filter water to remove dissolved iron and manganese. Citizens Water's surface water treatment plants physically remove solids or other contaminants through coagulation, flocculation, sedimentation, and filtration. Chlorine is added to destroy any bacteria present and to maintain a level of disinfectant as the water travels through the distribution systems. Fluoride is added to help strengthen resistance to cavities. A small amount of ammonia is used to minimize byproducts of the disinfection process and to allow chlorine to persist in the system. For a few weeks each year, when the water system is cool, no ammonia is added in order to help maintain good water quality. This chlorine residual without ammonia is known as "free chlorine", which is a more active form of chlorine. It has a more noticeable bleach or chlorine smell with the small level of chlorine.

#### What is Cryptosporidium?

Cryptosporidium is a microscopic organism that lives in the intestines of animals and people. When ingested, this microscopic pathogen may cause a disease called tosporidiosis, which has flu-like symptoms. Although there has been no cryptosporidium found in treated finished drinking water, it is found in source water such as White River, Fall Creek, and Eagle Creek Reservoir. Citizens Water utilizes a stringent monitoring program, testing source water and finished drinking water, as well as using online monitors that measure the clarity of water, which helps determine the likeliness of the microbes presence in the drinking water prior to sending it out to purchase water systems.

#### How hard is my water?

As common with water in this region, Citizens Water is considered hard due to the natural levels of minerals calcium and magnesium. The water hardness, expressed as calcium carbonate, typically ranges from 200 to 350 milligrams per liter or parts per million (ppm). This equates to 12 to 20 grains per gallon (the measure often referred to in determining water softener levels). Water hardness can vary depending on water source.

#### What can I do to conserve water?

Plentyl Water conservation measures taken today are critical to ensuring an adequate supply of treatable drinking water in the future. Simple steps you can take at home and in the office can go a long way to reducing your bill and, just as important, <u>conserving water</u>. Don't let the water run when you're brushing your teeth or shaving, run dishwashers and washing machines only when they're fuil, use a shut-off nozzle on your garden hose, and use a broom (not a hose)) to clean driveways and sidewalks. You should regularly check toilets and faucets for leaks. And, listen to your lawn, it doesn't need as much water as you might think. Set automatic sprinklers to run every other day at most. A good thorough soaking once or twice a week is all your lawn needs to thrive. And take advantage of technology available to turn your irrigation system off when it's raining. Following these tips can save hundreds of gallons of water every month.

#### Water Quality Test Results

The Pittsboro Water Company routinely monitors for contamination in your drinking water according to federal and state laws. This table shows the results sampled by the town during the monitoring period of January 1 to December 31, 2021 or the last mandatory sampling period:

hows the results sam	pled by the	town during t	he monitori			cemb	oer 31,	2021 0	r the la	ist mandatory sampling peri
Contaminants Date			90*	#5		2 - A 10 - A	Violatic			Suspected Source: (It come from?)
<u></u>	npled	Level (A	U) Perce		er AL		n NO	illine an		of customer plumbing
	·	.,3 1.3 0 15	.45		ppm ppm		NO			of customer plumbing
<u>read</u> 1 - 74	/2020			Alcrobiologie	al Contaminants					
Contaminant:	MCLG:	MCL, TT or AL: (amount		Found:	Compliance Achieved?	1.000 900 000		Suspects It come		<b>Ce</b> :
	(gosi)	allowed)		system	Hallescal					
			wide)		VEA				<u></u>	
Coliform, E. coli Total Coliform	0	0		0	YES		****	i animal i resent in		
					on Byproducts					
Disinfectants and	Collection Date	Highest leve	Range	of Levels	MCLG	N	ICL	Violati	on	Likely Source of Contamination
Disinfection By Products	Dare	Detected	De	tected						
Chlorine (total)	2021	4	in -	1 ppm }	MRDLG = 4ppm	MR	DL=4	No		Water additive used to control microbes
HAA5 (ppb)	2021	1 ppm	10-1	r bbu t	No goal for the	60	ppb	No		Byproducts of disInfection with
Haloactetic Acids		26.3 ppb		34.3 ppb	total					chlorine
TTHMs (ppb) Trihalomethanes	2021		23.1	-56.8 ppb	No goal for the total	80	ppb	No		Byproducts of disinfection with chiorine
his table shows the	<u> </u>	42,1 ppb	- \4(a) a u	via a the ext		finn		to Dece	mher	21 2021-
his table shows the	results sam				nted Drinking Water D		191 Y T	to Dece		33, 2021.
Contaminant:	MCLG:	ма, п	Maxof	Levels Four	id: average and		Complia			e or Suspected Source:
	(goal)	or AL: (amount	all samples	detected re	sults system wide		Achieve	sor	(where	did h come from?)
		allowed)								
Arsenic (ppb)	0 ppb	10 ppb	1.6 ppb		organics D (ND-16 ppb)		Ye	s	Natura	Deposits
Barium (ppm)	2 ppm	2 ppm	.28 ppm	0,13 pp	m (0.042- 0.28 ppm)		YE			Deposits
Fluoride (ppm)	4 ppm	4 ppm	.97 ppm		om (0.26 - 0.97 ppm) pm (ND - 3.6 ppm)		YE: YE			deposits & treatment additive er, septic tank leachate
Nitrate (ppm)	10 ppm	10 ppm	.91 ppm	0.91 p	pra (no ~ 3,0 ppm)		16			ge from petroleum refineries;
Seienium (ppb)	50 ppb	50 ppb	ND		ND	]	YE	5	natural	deposits; discharge from mines
	1 1 2		1		and Copper the 90 <sup>th</sup> percentile (0 d	of T		1		
Copper (ppm) (2021)	1.3 ppm	1,3 ppm	.31 ppm	123 5huu (2	73>AL)		YE	s	Corrosi	on of customer plumbing
				7.7 g	nb 90 <sup>th</sup> percentile					
Lead (ppb) (2021)	dqq 0	0.015 ppb	3.7 ppb	 Distafa-4	(2 of 73>AL) on Byproducts	1	YE	<mark>&gt;  </mark>	Corros	on of customer plumbing
Total Tribalomethanes				l	AV. N. I. K. A. A. A. S.				Byprod	lucts of disInfection with chlorine
(TTHMs)	N/A	80 ppb	10.6 ppb	N//	\ (10,1 -10.6 ppb)		YE	s		
Haloacetic acids (HAA5)	N/A	60 ppb	4.1 ppb	N	/A (3.0-4.1 ppb)		YE	s	вүргос	lucts of disinfection with chlorine
	I MA	l vo hhn	1 Ahn		urbidity	599955 59995				
Turbidity (% below TT)	N/A	95%<0.3 NTU	.11 NTU	0.04	4 (0.01011 NTU)	T	YE	S	Soli Ru	noff
		1 """		1	er Organics					
2,4-D (ppb)	70 ppb		ND 46 ppb		ND nnh (ND- 3.4 nnh)		YE			lde Runoff ide runoff
Atrazine (ppb) Simazine (ppb)	3 ррb 4 ррb	3 ppb 4 ppb	.46 ppb .56 ppb		ppb (ND- 3.4 ppb) ppb (ND – .56 ppb)		YE			ide Runoff
-meens (ppp)	10,000								Discha	rge from petroleum & chemical
Xylenes, Total (ppb)	ppb	ppb	ND	 Bedler	ND Ides (2019 data)		YE	is	factori	es
Combine Radium 226 &			1.73	A Destroyed and the second	ldes (2019 data) ).5—1.73 pCi/L		YE	s T	Erosio	n of natural deposits
228	0 pCi/i	5 pCi/t.	pCI/L							-
Gross alpha excluding	0	15	6,7 pCi/L		-,28 – 6.7 pCi/L		YE	es 📔	Eroslo	n of natural deposits
radon and uranium Combined Uranium (20		30	.93 pCi/L	1	0.13 – 0.93 ppb		YE	is i	Erosio	n of natural deposits
					ted Parameters		N	/A 1	Natare	el deposits; water treatment additiv
Aluminum (ppm) Chioride (ppm)	N/A	200 ppb 250 ppm	144 ppb 170 ppm		opb (ND - 144 ppb)		N/			a deposits; water treatment additiv
Hardness (ppm)	N/A	N/A	426 ppm		pm (152 - 426 ppm)		N,		Erosio	n of natural deposits; leaching
Iron (ppm)	N/A	.3 ppm	.063ppm	.0047	ppm (ND-0.063 ppm)		N,	/A	Eroslo	n of natural deposits; leaching
Manganese (ppm)	N/A	0,05 ppm	ND		ND		N	/A	Erosio	n of natural deposits; leaching
Metolachlor (ppb)	N/A	N/A	ND		ND			/A		n of natural deposits; leaching
	100			_	DI (AID 10 2 ) )			,		ide runoff
Nickel (ppb) pH (Standard Units)	ppb N/A	N/A 6.5 - 8.5	3.3PPB 8.5	B	DL (ND -3.3 ppb) 7.8 (7.0-8.5)			/A /A		n of natural deposits; leaching
pH (Standard Units) Sodium (ppm)	N/A N/A	N/A	120 ppm	41 \$	opm (12 –148 ppm)			/A	N/A	
Sulfate (ppm)	N/A	250 ppm	148 ppm		opm (6.1-148 ppm)			/A		n of natural deposits; leaching
Zinc (ppm)	N/A	5000 ppb	ND	Desta	ND Il Disinfectants		N	/A	Erosio	n of natural deposits; leaching
Chlorine (MRDL)	4 ppn	1 4ppm	2.8		) ppm (0 2.8 ppm)		Y	ES	Wate	additive used to control microbes
-menne (medb)	7 a khi	1			gical Contaminants					
Coliform, E. cali	0 N/A	1	ND 1.9%		NO 40% (0% - 1.9 %)			ES ES		n and animal fecal waste ally present in environment
Total Coliforms	N/A	3,076	1 200	_	Nd Source Water					
Cryptosporidium (org/	10L) N/A	N/A	156	8.4 (	ND-156 oocysts/10L)			1/a		ved during treatment
Gardia (org/10L)	N/A	N/A	282		D – 282 oocysts/101)			/A		ved during treatment
TOC (Untreated Water	) N/A	N/A	7.9		ppm (2.4 -6.8 ppm) Piwar/ Fall Creak/ T			/A		ally present in the environment
		I farmer das de la								

Definitions:

Action Level Goal or ALG: The level of a contaminant in drinking water below which there is no known or expected. Action Level or AL: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system

must follow. Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGS allow for a margin of safety. Maximum Contaminant Level or MCL: The highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best Available treatment technology.

Maximum residual disinfectant level

goal or MRDLG: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect or MRDLG: the benefits of the use of disinfectants to control microbial contaminants. Maximum residual disinfectant level or MRDL: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of disinfectant is necessary for control of microbial contaminants. Average or Avg: Regulatory compliance with some MCLs are based in running annual average of monthly samples.

ppm: milligrams per liter or parts per million- or one ounce in 7,350 gallons of water.

*ppb:* micrograms per liter or parts per billion – or one ounce in 7, 350,000

gallons of water. NA: not applicable

ND: not detected

Treatment Technique or TT:

A required process intended to reduce the level of a contaminant in drinking water.

Variances and Exemptions: State or EPA permission not to meet an MCL or treatment technique under certain conditions.

Turbidity: The measure of the cloudiness of water. Citizens Water monitors turbidity as it is a good indicator of the effectiveness of the filtration system.

\*Untreated source water data (in order) from the following plant intakes: White River/ Fall Creek/ T.W. Moses/ White River North

**Emergency Contact Procedures, Organizations, and Telephone Numbers** 

## EMERGENCY CONTACT PROCEDURES, ORGANIZATIONS & TELEPHONE NUMBERS PITTSBORO WATER DEPARTMENT TOWN OF PITTSBORO, INDIANA

Anytime that a release of a hazardous substance or a petroleum product occurs at a site that is located within a designated WHP area, the facility should contact the following:

- 1) Immediately call 9-1-1. The 9-1-1 operator will dispatch the appropriate local and/or county emergency response personnel.
- 2) Contact Pittsboro Water Department at 317-339-5092.
- 3) Within 30 minutes of the release, contact the Indiana Department of Environmental Management 24-Hour Spill Hotline at 1-888-233-7745.
- 4) If the release has impacted surface water, within 30 minutes of the release call the National Response Center at 1-800-424-8802.
- 5) Where required, contact a hazardous materials contractor to assist with cleanup of the release (see contactor list and numbers below).
- 6) Additional emergency telephone numbers are included below.

ORGANIZATION	TELEPHONE NUMBER
LOCAL CONTACTS	
For all local emergency responders	9-1-1
Pittsboro Water Department 80 North Meridian Street, Pittsboro, IN 46167	317-339-5092
Pittsboro Fire Department 400 East Main Street, Pittsboro, IN 46167	317-892-4386
Pittsboro Police Department 108 West Main Street, Pittsboro, IN 46167	317-892-3329
COUNTY CONTACTS	
For all county emergency responders	9-1-1
Hendricks County Health Department 355 South Washington Street #210, Danville, IN 46122	317-745-9217
Hendricks County Emergency Management Agency 355 South Washington Street, Danville, IN 46122	317-745-9229
Hendricks County Sheriff's Department 925 East Main Street, Danville, IN 46122	317-745-6269

## EMERGENCY CONTACT PROCEDURES, ORGANIZATIONS & TELEPHONE NUMBERS PITTSBORO WATER DEPARTMENT TOWN OF PITTSBORO, INDIANA

ORGANIZATION	TELEPHONE NUMBER
COUNTY CONTACTS (Continued)	
Hendricks Regional Health 1000 East Main Street, Danville, IN 46122	317-745-4451
STATE CONTACTS	
IDEM 24-Hour Emergency Spill Hotline	888-233-7745
Indiana Department of Environmental Management (IDEM)	800-451-6027 or 317-232-8603
Indiana State Department of Health (ISDH)	317-233-1325
Indiana Department of Natural Resources (DNR)	877-463-6367 or 317-232-4200
Indiana Department of Transportation (INDOT)	855-463-6848
Office of Indiana State Chemist (OISC)	765-494-1492
FEDERAL CONTACTS	
National Response Center (Reporting Oil & Toxic Chemical Spills)	800-424-8802
United States Department of Agriculture (USDA)	202-720-2791
USEPA Region V (Chicago)	800-621-8431 or 312-353-2000

#### SPILL RESPONSE CLEANUP CONTRACTORS (24-Hour)\*

Heritage Environmental Services, LLC.	317-243-0811
SET Environmental	317-831-1971

\* Note: By providing the names and numbers of the private Spill Response Contractors above, Pittsboro Water Department does not necessarily endorse either of these companies. Other contractors are available as well. It is the responsibility of the individual and/or company responsible for the spill to contact an appropriate Spill Response Cleanup Contractor.

**Personnel Directory** 

### PERSONNEL DIRECTORY PITTSBORO WATER DEPARTMENT TOWN OF PITTSBORO, INDIANA

Telephone numbers where employees can be reached if needed after-hours, weekends, and holidays:

CONTACTS	CELL PHONE	EMAIL
Gary Golay Drinking Water Superintendent	(463) 202-8185	<u>GGolay@TownofPittsboro.org</u>

**Emergency Response Coordination Plan** 

### EMERGENCY RESPONSE COORDINATION PLAN PITTSBORO WATER DEPARTMENT TOWN OF PITTSBORO, INDIANA

In an emergency, the person or persons responsible for coordination will do the following:

- 1. Determine the nature, scope, and extent of the emergency and assess the possible damage as it relates to the operational capabilities of the system. The effect of the emergency on the following should be assessed at this time:
  - a.) source of supply;
  - b.) treatment;
  - c.) water storage;
  - d.) pumping facilities;
  - e.) accessibility to facilities;
  - f.) transmission and distribution system;
  - g.) personnel;
  - h.) logistics;
  - i.) communications; and
  - j.) maintenance level.

Specific assignments for each department, group of employees, or individual employees will be determined and assigned for the investigation of existing and predicted conditions within the system.

- 2. Contact the emergency organizations as necessary (refer to **Appendix 5-1**).
- 3. If required, contact the institutions and organizations (critical water users) listed in **Appendix 5-7**. If the critical water users cannot be reached by telephone, someone will be designated to deliver necessary information.
- 4. When it is apparent that service will be disrupted or the quality of the drinking water has been compromised, contact the appropriate news media to announce your prepared statement (refer to **Appendix 5-6**).
- 5. Assess if water conservation measures are required. If necessary, utilize the Water Conservation Plan included as **Appendix 5-5**.
- 6. Identify what actions are required as either interim measures and/or for reestablishing normal service to customers. Develop time frames for enacting planned measures. Make the contact or assist employees in making the necessary contacts with any contractors and/or suppliers.

### EMERGENCY RESPONSE COORDINATION PLAN PITTSBORO WATER DEPARTMENT TOWN OF PITTSBORO, INDIANA

- 7. Issue boil orders as necessary to protect the public health.
- 8. If an alternate source of drinking water is needed, a contact list of local water supplies and water haulers has been compiled (refer to **Appendix 5-4**).
- 9. When required, restore system pressure and initiate leak repairs. Isolate portions of the system as necessary. If required, flush the system using semi-annual program (if applicable). As portions of the system are restored, repeal any emergency orders by contacting the appropriate agencies. Collect monitoring samples as required.
- 10. Once the utility returns to normal operations, all persons, institutions, and agencies previously notified should be contacted.

Directory of Alternative Water Suppliers and Water Haulers

## DIRECTORY OF ALTERNATIVE WATER SUPPLIERS AND WATER HAULERS PITTSBORO WATER DEPARTMENT TOWN OF PITTSBORO, INDIANA

Company or Public Water Supply Name	Telephone Number	Available Resources
Citizens Energy Group Indianapolis, IN	317-924-3311	Drinking water supplier
Brownsburg Water Utilities Brownsburg, IN	317-858-4147	Drinking water supplier
Danville Water Department Danville, IN	317-745-4180	Drinking water supplier
Duo Water Conditioning, Inc. Pittsboro, IN	317-892-3434	Residential and business water delivery service
Walmart Supercenter Brownsburg, IN	317-858-0206	Bottled and packaged water
Pittsboro Fire Department	317-892-4386	Water hauling capabilities
Danville Fire Department	317-745-3008	Water hauling capabilities
Dan's Pool Water (Lebanon, IN)	317-891-9170	Non-potable water hauler

**Emergency Water Conservation Plan** 

### EMERGENCY WATER CONSERVATION PLAN PITTSBORO WATER DEPARTMENT TOWN OF PITTSBORO, INDIANA

The purpose of this plan is to establish an active management program to conserve the use or prevent the waste of water under emergency operation or drought conditions. Pittsboro Water Department may elect to implement any or all portion(s) of this plan to obtain the desired conservation effects.

- 1. Lawn Watering Restrictions
  - a. Alternate Day Lawn Watering:

Requested on a <u>voluntary</u> basis to more evenly distribute the system water demands caused by this activity. Alternate day watering can reduce the water demand while still allowing customers to maintain healthy landscapes. For example, customers with an odd-numbered street address would be allowed to water lawns on odd- numbered days of the month.

- Lawn Watering Time Interval Restrictions: Requested on a <u>voluntary</u> basis to reduce lawn watering during periods of peak water demand. For example, customers should not water their lawns during the hours from 5 PM to 10 PM.
- 2. Non-Essential Use Restrictions (voluntary water conservation to reduce non-essential uses) in order of priority are as follows:
  - a. Discontinue use of hoses, sprinklers, or other methods of watering shrubs, trees, lawns, plants, gardens, flowers, or any other vegetation.
  - b. Discontinue the use of water for washing automobiles, trucks, trailers, houses, or any other type of mobile equipment.
  - c. Discontinue the washing of streets, driveways, parking lots, service station aprons, office buildings, exterior of homes, sidewalks, apartments, or other outdoor surfaces.
  - d. Discontinue the operation of ornamental fountains.
  - e. Discontinue the use of water for filing swimming or wading pools.
  - f. Discontinue the operation of water-cooled air conditioners that do not have waterconserving equipment.
  - g. Discontinue the use of water from fire hydrants for construction purposes or fire drills.
  - h. Discontinue the use of water to flush sewer lines or sewer manholes.
  - i. Discontinue the use of water for commercial farms and nurseries other than a bare minimum to preserve plants, crops, and livestock.

News Media Contacts for Public Notification

### NEWS MEDIA CONTACTS FOR PUBLIC NOTIFICATION PITTSBORO WATER DEPARTMENT TOWN OF PITTSBORO, INDIANA

Pittsboro may contact the Hendricks County Emergency Management Agency (EMA) in the event of an emergency to disseminate relevant information. The following may be contacted by the Town and/or EMA:

#### **TELEVISION STATIONS**

Name	Location	Telephone	Fax
WISH - TV - 8	Indianapolis	317-923-8888	317-931-2242
WRTV - TV - 6	Indianapolis	317-269-1440	N/A
WTHR - TV - 13	Indianapolis	317-636-1313	317-655-5984
WXIN - TV - 59	Indianapolis	317-632-5900	N/A

#### **RADIO STATIONS**

Name	Location	Telephone	Fax
WIBC – FM – 93.1	Indianapolis	317-266-9422	N/A
WZRL – FM – 98.3	Plainfield	317-257-7565	N/A
WYRZ – FM – 98.9	Brownsburg	317-852-1610	N/A
WKLU – FM – 101.9	Brownsburg	317-852-9119	317-852-8018
WEDJ – FM – 107.1	Danville	317-924-1071	317-924-7766

#### **NEWSPAPERS & OTHER**

Name	Location	Telephone	Fax		
The Hendricks County Republican	Danville	317-745-2777	317-647-4341		
Town of Pittsboro Facebook	https://www.facebook.com/Town-of-Pittsboro-Indiana-				
TOWN OF FILLSDOTO FACEDOOK	689235414429571/				

#### **RECOMMENDATIONS FOR A PRESS RELEASE**

- 1. Disseminate information as soon as the facts have been confirmed.
- 2. Tell the truth, the whole truth.
- 3. Avoid placing blame or criticism.
- 4. Relay to the water customers what steps they need to take for safety, convenience, etc.
- 5. Accentuate the positive (i.e., service record, equipment, personnel, commitment, etc.).

The purpose of a press release is to inform the water customers of the facts and to assure public safety. A press release will be prepared and released only by the Utility Superintendent or his designated representative.

**Critical Water Users** 

## CRITICAL WATER USERS PITTSBORO WATER DEPARTMENT TOWN OF PITTSBORO, INDIANA

## EDUCATIONAL INSTITUTIONS

Name	Location	Telephone
Pittsboro Elementary School	206 North Meridian Street	317-994-2000
Pittsboro Primary School	540 Osborne Avenue	317-994-2100

#### DAY CARE FACILITIES

Name	Location	Telephone
Pittsboro Methodist Preschool	22 East Main Street	317-892-4439
Roxanne's Daycare	5909 Manchester Court	317-892-5457
Childcare4evermore	5112 Hill Valley Drive	317-671-0569
Scribbles	216 North Maple Street	317-892-5887

**Emergency Response Training** 

#### EMERGENCY RESPONDER TRAINING CHECKLIST WELLHEAD PROTECTION PROGRAM TOWN OF PITTSBORO, INDIANA

As part of the Indiana Department of Environmental Management (IDEM) requirements for completing a Wellhead Protection (WHP) Plan, the Pittsboro Water Department and the Town of Pittsboro are currently in the process of implementing management strategies that will help protect our sources of drinking water through a program of pollution prevention. Training for local emergency responders is being conducted to discuss the WHP items below. Please sign below after the following items have been reviewed with you.

- Any spills (e.g., pesticides, fertilizers, petroleum fuel) that would occur within 100 feet of the production well (sanitary setback) or in the WHP area have the potential to directly affect groundwater used for our public water supply (refer to map of the WHP area).
- □ Any significant chemical spills in the WHP area have the potential to contaminate groundwater. These spills must be contained and reported to the Town of Pittsboro. The Town is especially concerned with transportation-related spills that could occur along highways, as well as other fuel spills, and spills of agricultural chemicals. A list of emergency contact information is included as Appendix 5-1 and Appendix 5-2 of the Contingency Plan. Emergency contact information should be posted where it is readily accessible and followed in the event of a spill.
- Well security is being routinely checked and maintained by the Pittsboro Water Department. Investigate and report any suspicious activity around the wells.
- □ For more information, refer to the Contingency Plan (updated copy included).

Training conducted by:				
	Name	Title		
Signature		Print Name		Date
Signature		Print Name		Date

## EMERGENCY RESPONDER TRAINING CHECKLIST WELLHEAD PROTECTION PROGRAM TOWN OF PITTSBORO, INDIANA

Signature	Print Name	Date	
Signature	Print Name	Date	
Signature	Print Name	Date	
Signature	Print Name	Date	
Signature	Print Name	Date	
Signature	Print Name	Date	
Signature	Print Name	Date	
Signature	Print Name	Date	
Signature	Print Name	Date	
Signature	Print Name	Date	