

Grayfox Public Water Supply

PWSID IN5202030

WELLHEAD PROTECTION PLAN PHASE II UPDATES

**COMPLETED ON:
October 2020**

This Packet Includes:

- WHP Phase II Application
- Pg1-Updated pumping records.
- Pg2-Updated Local Planning Team (LPT) along with identified affected parties represented on the LPT.
- Pg 3-Updated Potential Contamination Sources map
- Pg 4-Updated PCSs inventory spread sheet.
- Pg 5-Update management Plan Sanitary Setback addresses
- Pg 6-Standardized Monitoring Framework
- Pg 7-Update emergency responders contacts

Supplemental information to show implementation of their WHP Plan.

- Pg 8 & 9 Educational article & WHPA map posted in the Journal Gazette on 9/4/2020 to inform Potential Contamination Sources and citizens where greyfox's WHPA is, how to protect the drinking water sources, where to view Greyfox's WHP Plan and contact info.
- Pg 10-Newspaper Affidavit for Education article posted in the Journal Gazette on 9/4/2020
- Pg11 & 12- Emergency responders training letter given to and signed by Aboite Fire Dept on 9/21/20.
- Pg 7- Emergency contact list given to emergency responders on 9/21/20

***Please respond to Toby Days, Alliance of Indiana Rural Water, with any corrections that need to be made to this application.**

Toby Days

tdays@inh2o.org

317-408-0475


INDIANA WELLHEAD PROTECTION PHASE II APPLICATION

State Form 53117 (R / 3-10)

Indiana Department of Environmental Management

Instructions - Complete all sections of this application. Use the attached checklist to compile all the information required for Phase II submission per 327 IAC 8-4.1-8 and 8-4.1-9. This application must be attached to the Phase II Wellhead Protection Plan submittal.

General information
Date submitted (month/day/year) 9/30/20System name Grayfox Public water supplySystem PWSID number 5202030Population served 120

WHP contact person with personal (Mr./Ms.) and professional title

Ken Steiner Resident

Mailing address (number, street, city, state, ZIP code)

7309 Witting Blvd, Roanoke IN 46783Telephone number (with area code): 260-672-3663E-mail address Steiner.Kenneth@gmail.com

Delineation contact person

Affiliation or company

Mailing address (number, street, city, state, ZIP code)

Telephone Number (with area code)

E-mail address

Include delineation contact person in IDEM communications? ☐ Yes ☐ NoNumber of wellfields 1 Total number of wells 2Does system use other sources of water (i.e. surface water, purchased water)? ☐ Yes ☒ No

If so, what percentage of each? Ground water _____ Surface water _____ Purchased _____

Signature block

I certify the information in this wellhead protection application is complete and accurate to the best of my knowledge.

Kenneth Steiner

Signature of responsible official or designated agent

09/21/2020
Date (month, day, year)
IDEM use only

Date application received (month, day, year)

Do delineations overlap other community WHPA's? ☐ Yes ☐ No

If yes, list PWSIDs

Pumping Data

[illegible]

Units (Please Check the Appropriate Box)

ft ³ /day	<input type="checkbox"/>	Gallons Per Minute (GPM)	<input type="checkbox"/>
Gallons Per Day (GPD)	<input checked="" type="checkbox"/>	Riddle, Alexander ARiddle@idem.IN.gov	Peterson, Eric EPeterso@idem.IN.gov




2. Names and affiliations of all LPT representatives and identification of affected parties.

Name	Affiliation	Address	Phone	Affected Party
Ken Steiner	Resident/Backup Operator	7309 Witling Blvd	260-672-3663	Yes
Jeff Soldner	Resident/Operator	7506 Cinereal Ct.	260-672-9139	Yes
Phil Brunett	Resident	7319 Fyken Run	260-672-2299	Yes
Gretchen Brunett	Resident	7319 Fyken Run	260-672-2299	Yes

Grayfox Public Water Wellhead Protection Area



Legend

-  Pipeline
-  Potential Contamination Source
-  3000ft Radius Wellhead Protection Area

0 0.15 0.3 0.6 Miles

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Created by Alliance of
Indiana Rural Water
October 2020



Figure 1: Information on Potential Sources of Contamination within the Grayfox WHPA -Updated 10/2020

ID. #	Facility Name	Owner Name	Address	City	State	Zip	Site Description	Permit	Contamination Type	Operating Status
1	Residential	N/A	N/A	Roanoke	IN	46783	Residential housing	N/A	Non Point Source (NPS)	Active
2	Aboite Inn	Judith Palermo 3711 N. Wells Ft. Wayne IN, 46808	15212 US Hwy 24 W	Roanoke	IN	46783	Hotel with well	N/A	NPS	Active
3	Ft. Wayne Rocks	Welker Resources LLC	14825 US Hwy 24 W	Roanoke	IN	46783	Surface Mine	N/A	NPS, Maintenance Garage, 2 fuel tanks at store	Active
4	SW Auto Sales	Thomas Kitch LLC PO Box 11170 Ft. Wayne IN, 46856	7905 S W County Line Rd.	Roanoke	IN	46783	Auto Sales	N/A	NPS, Auto Chemicals	Active
5	Residential	N/A	N/A	Roanoke	IN	46783	Residential housing	N/A	NPS, future construction	Active
6	Residential	N/A	N/A	Roanoke	IN		Residential housing	N/A	NPS	Active
7	Residential	Jerry and Camille Grable	14727 Chopin Pass	Roanoke	IN	46783	Residential housing with private pond	N/A	NPS and pond	Active
8	Residential	James and Tina BUCHHOLZ	14811 Chopin Pass	Roanoke	IN	46783	Residential housing with private pond	N/A	NPS and pond	Active
9	Residential	BRADLEY M & KIMBERLY S Mills	15115 Chopin Pass	Roanoke	IN	46783	Residential housing with private pond	N/A	NPS and pond	Active
10	Residential	Robert and Linda Mutton	15225 Chopin Pass	Roanoke	IN	46783	Residential housing with private pond	N/A	NPS and pond	Active
11	Green Velvet Turf Farms Inc.	Green Velvet Turf Farms Inc.	10200 N. 400 E.	Roanoke	IN	46783	Turf Farm and Row Crops	N/A	NPS	Active

12	Agricultural	George and Angela Whittle 3406 Suburban Dr. Ft. Wayne IN, 46804			IN		Row Crops	N/A	NPS	Active
13	Agricultural	James and Loretta Emley	5900 E. 1100 N.	Roanoke	IN	46783	Row Crops	N/A	NPS	Active
14	US Hwy 24	State of Indiana	5333 Hatfield Rd.	Ft. Wayne	IN	46808	Transportation Route	N/A	Spill risk	Active
15	Country Gardens Farm Market	Charlotte WITZENMAN	14110 US Hwy 24 W.	Roanoke	IN	46783	Organic Farming	N/A	NPS	Active
16	Northern Indiana Public Service Co	NIPSCO	801 E. 86th Avenue	Merrillville	IN	46410	Pipeline	N/A	20" Natural Gas Line	Active

Management Plan Requirements

1. Plan to manage the sanitary setback which includes: measures to manage the area, measures to prohibit the storage and mixing of specific chemicals, measures to secure the wellhead from unauthorized access, guidelines for transportation routes.

IDEM requires the establishment of a 200 foot sanitary setback around drinking water wells. US Hwy 24, Grayfox's pump house, a residential street, two houses, and a swale serving as an outlet from a stormwater pond sit within Grayfox subdivision's sanitary setback. The majority of the sanitary setback is owned by the Grayfox Homeowners Association, but two private residences do overlap the setback, as does the highway. As of May 1, 2010, Allen County's online GIS listed those properties and their owners as:

Steven W. and Bonnie C. Butz	7626 Cinereal Ct. Roanoke, IN 46783
Cynthia A. Overlander	7611 Cinereal Ct. Roanoke, IN 46783

If property owners within the sanitary setback choose to modify their land or landuse, they must comply with Allen County Code Title 3-13-1-1. This code requires that a permit be acquired before construction or rezoning of land use is permitted.

Also within the sanitary setback are two access holes, one for each well and its piping that leads to the well house. These access holes are covered with heavy but unsecured metal covers. Grayfox's two drinking water wells are locked, protected by vehicle impact by concrete posts, but not fenced or secured in any other manner.

Grayfox's pump house sits in the sanitary setback area. The pump house is locked at all times and does not store chemicals. The Alliance of Indiana Rural Water will provide Grayfox with a 'No Trespassing' sign for their pump house. Grayfox's operator reports that the only chemical applied on the Homeowners Association land in the sanitary setback is lawn fertilizer and herbicide. It is not known what private landowners apply on their property, but both private owners will be sent a letter explaining their location within the sanitary setback and ways they can protect the wells from contamination. Grayfox residences have concerns about the amount of algae in the stormwater pond, but the proximity of that pond and its outlet to the wells has kept the subdivision from applying anything that would address this problem.

US Hwy 24 passes through the sanitary setback and is travelled heavily. The posted speed is 60 mph. The highway's proximity to the wells increases the chance that a spill may threaten Grayfox's wells. Were a spill to occur, the appropriate local and state officials would be notified. If the spill threatened the safety of Grayfox's drinking water, the contingency plan would take effect. A map of the sanitary setback will be sent to Allen County's Highway Department and the local INDOT station and both parties will be asked to limit the use of deicing agents on the parts of US Hwy 24 and the residential road intersecting the sanitary setback area. They will also be asked to avoid piling snow within the sanitary setback area.

Grayfox's operator does not feel that unauthorized access near the wells is a problem, but if it becomes a problem in the future, a fence can be installed.

Drinking Water Branch

Sample and Compliance Schedules

[Return Links](#)
[Water System Detail](#)
[Water Systems](#)
[Water System Search](#)
[County Map](#)
[Glossary](#)

Water System No. :	IN5202030	Federal Type :	C
Water System Name :	GRAYFOX PUBLIC WATER SUPPLY	State Type :	C
Principal County Served :	ALLEN	Primary Source :	GW
Status :	A	Activity Date :	07-26-2002

TCR Schedules

Sample Count	Sample Type	Sample Frequency	Effective Begin Date	Effective End Date	Seasonal Start MM/DD	Seasonal End MM/DD	Analyte Code	Analyte Name
1	RT	MN	09-01-2013		1/1	12/31	3100	COLIFORM (TCR)

Total Number of Schedules Displayed = 1

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
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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	Sample Frequency	Current Monitoring Period Date Range	Next Monitoring Period Date Range
DS001	DISTRIBUTION SYSTEM	<u>PBCU</u>	LEAD AND COPPER	5	RT	3Y	06-01-2021 to 09-30-2021	06-01-2024 to 09-30-2024
WL001	WELL #1	<u>RI13</u>	REG IOC-W/SOD AND CY	1	RT	3Y	Monitoring Completed	01-01-2023 to 12-31-2023
WL001	WELL #1	<u>RS28</u>	REG SOC-PCBDIOX	1	RT	QT	No Monitoring in Current Period	01-01-2021 to 03-31-2021
WL001	WELL #1	<u>RV21</u>	REG VOC	1	RT	3Y	Monitoring Completed	01-01-2023 to 12-31-2023

Total Number of Schedules Displayed = 4

Non-TCR Individual Schedules

Sample Schedules

Water System Facility State Assn ID	Water System Facility Name	Analyte Code	Analyte Name	Sample Count	Sample Type	Sample Frequency	Current Monitoring Period Date Range	Next Monitoring Period Date Range
WL001	WELL #1	4000	GROSS ALPHA, EXCL. RADON & U	1	RT	9Y	Monitoring Completed	01-01-2026 to 12-31-2026
WL001	WELL #1	1040	NITRATE	1	RT	YR	Monitoring Completed	01-01-2021 to 12-31-2021
WL001	WELL #1	4030	RADIUM-228	1	RT	9Y	Monitoring Completed	01-01-2026 to 12-31-2026

Total Number of Schedules Displayed = 3

Compliance Schedule

Activity Name	Activity Due Date	Activity Projected Date	Activity Achieved Date	Activity Reported Date
CCR CERTIFICATION	09-30-2020		04-25-2020	04-30-2020
LEAD CONSUMER NOTICE OF RESULTS	12-31-2021			

Total Number of Compliance Schedules Displayed = 2

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.

The Current Date and Time is: Tue Sep 29 15:57:45 EDT 2020

Contingency Plan

er1. Local Responder Training Plan

Aboite Township Fire and Emergency Response Services will receive a copy of this WHPP, including the contingency plan. As needed Grayfox personnel and local and county responders will meet to ensure that all parties have updated WHPA maps and contact information. Each of Grayfox's operators will also have a copy of the contingency plan.

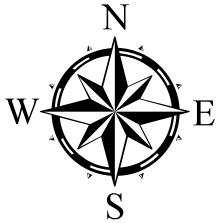
2. A description of the procedures to be used in emergency response to leaks, spills, or illegal discharges

Grayfox has three operators: one from Aqua and two who live in the community. If the wells needed to be shut down because of an emergency, it would take 15 or 60 minutes, depending on which operator was closest. In the event of an interruption of service, a notice will be placed on each home's door and bottled drinking water can be purchased at big box retailers on nearby Illinois Road. Depending on the severity of the emergency, other offices and agencies may need to be contacted, and that information is below. Besides the residents of Grayfox Subdivision, there are no Critical Water Users.

Contact	Contact Information
Operator/Owner – Jeff Soldner	260-446-4490
Back up Operator/Owner—Ken Steiner	260-672-3663
Contract Operator (Aqua)—Bill Boetcker	260-740-6552 WABoetcher@AquaAmerica.com
Emergency Spill Response	
Indiana State Police	812-246-5424 or 888-872-6743
Whitley County Sheriff	911 or 260-244-6410
Allen County Sheriff	911 or 260-449-3000 steve.stone@co.allen.in.us
Huntington County Sheriff	911 or 260-356-2520
Department of Transportation	260-449-7369
Indiana Department of Environmental Management Spill Response	1-888-233-7745
Fire Departments	
Aboite Twp. Volunteer Fire Department	911 or 260-436-1449
Roanoke Fire Department	911 or 260-672-3202
Emergency Management	
Allen County EMA	260-439-8300
Huntington County EMA	260-358-4870
Whitley County EMA	260-248-3167
Hospitals	
Lutheran Health Network Hospital	260-435-7844
Health Department	
Allen County Health Department	260-449-7920
Huntington County Health Department	260- 358-4831
Whitley County Health Department	260- 248-3121
Alternative Drinking Water Supplier	
Menards: 6310 Illinois Road, Fort Wayne, IN 46804	260-459-1840
Lowes: 4430 Illinois Road, Fort Wayne, IN	260-436-8855

Contingency Plan

Grayfox Wellhead Protection Area



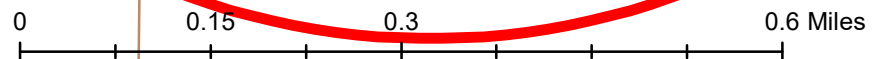
Legend



Well



3000ft Radius
Wellhead Protection
Area



Created by Alliance of
Indiana Rural Water
August 2020



Grayfox Public Water Supply is asks for Residents' Help in Keeping Clean Water

Notice to property owners, leaseholders and owners of mineral rights located within Grayfox's Wellhead Protection area (WHPA).

In March 1997, the State of Indiana passed a law to protect groundwater that is used by public water suppliers. The law is referred to as the Wellhead Protection Plan (WHPP). The basic principle is to protect the water before it flows into the wells that are used by public and private water users.

Grayfox has obtained approval from the Indiana Department of Environmental Management to use a radius of 3,000 feet around their wells as our area of protection (Wellhead Protection Area). Grayfox utilizes two wells in one wellfield to obtain their drinking water. Therefore, they have one WHPA (see map).

If you do own or lease property in Grayfox's WHPA, we are asking for your cooperation in keeping this area free of contamination. If you would like information on Grayfox's WHP Program or would like to get involved in the protection efforts, please call the water facility operator, at 260-672-3663.

Remember to practice good environmental methods such as proper disposal of all chemicals, oil, antifreeze, animal waste, household cleaners, paint, etc. Keep your septic systems in good working condition. Properly plug abandoned old wells. Properly dispose of batteries. Whenever possible restrict the use of pesticides and fertilizers to protect the water, as well as your own health.

Grayfox's completed WHP plan can be viewed at the Grayfox Subdivision: 7309 Witling Blvd Roanoke, IN 46783.

The Journal Gazette

Account # 1068325 - 1392834

Allen County, Indiana

Grayfox Subdivision

PUBLISHER'S CLAIM

LINE COUNT

Display Master (Must not exceed two actual lines, neither of which shall
total more than four solid lines of the type in which the body of the
advertisement is set) -- number of equivalent lines _____

Head -- number of lines _____

Body -- number of lines _____

Tail -- number of lines _____

Total number of lines in notice. 54

COMPUTATION OF CHARGES

54 lines; 1 column(s) wide equals

54 equivalent lines at \$ 3.100 cents per line \$ 167.40

Additional charges for notices containing rule or tabular work
(50 per cent of above amount) -

Charge for extra proofs of publication
(\$2.00 for each proof in excess of two) -

TOTAL AMOUNT OF CLAIM \$ 167.40

DATA FOR COMPUTING COST

Width of single column in picas 9.8 Size of type 7point.

Number of Insertions 1

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 1 times.

The dates of publication being as follows:

9/4/2020

Additionally, Newspaper has a Web site and this public notice was posted on the same day as it was published in The Journal Gazette.

Pamela K. Thornton

Pamela K. Thornton
Legal Clerk

Date: September 4, 2020

ATTACH COPY OF ADVERTISEMENT HERE

**Grayfox Public Water Supply is asks
for Residents' Help in Keeping Clean
Water**

Notice to property owners, leaseholders and owners of mineral rights located within Grayfox's Wellhead Protection area (WHPA).

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Grayfox's completed WHP plan can be viewed at the Grayfox Subdivision: 7309 Witling Blvd Roanoke, IN 46783.
9--4 1392834 hspaxlp

To whom it may concern,

As required by the Indiana Department of Environmental Management (IDEM), Grayfox Subdivision is implementing the second phase of its Wellhead Protection Plan. The overarching goal of IDEM's Wellhead Protection Program is to protect community groundwater drinking water supplies from contamination. To accomplish this, IDEM mandates that public water suppliers, like Grayfox Subdivision, take specific steps towards wellhead protection, including: sharing information with local residents and businesses through the forming of a local planning team, mapping the area where underground water is captured by the wells and ultimately provided to the residents as drinking water (the wellhead protection area, or "WHPA"), and identifying potential sources of contamination. This information is used to help prevent groundwater contamination through public education and awareness.

IDEM also requires public water utilities to communicate wellhead protection-related information with local emergency responders like yourselves to facilitate emergency response planning. In the event of a spill or release within the Wellhead Protection Area, a contingency plan has been developed and a copy of this plan is attached to this correspondence or will be sent to your office. The contingency plan includes: a description of the procedures to be used in response to a potential contamination emergency, a map showing the location of the WHPA, and a list of emergency contact telephone numbers. We ask that your office retain this information and reference the material in your emergency responder training.

On behalf of Grayfox Subdivision, we sincerely appreciate your cooperation in helping us to keep the community's drinking water supply safe. The full Wellhead Protection Plan for Grayfox Subdivision can be viewed at Grayfox Subdivision: 7506 Cinereal Court Roanoke, IN 46783, or for additional information regarding the Plan, contact the utility operator at 260-446-4490. Thank you.

Sincerely,

Ken Steiner, Grayfox Subdivision Resident

Emergency Responder Signature

Dee Miller #

Date

9-24-20

Emergency Responder Affiliation

Abie Fire Dept

Grayfox Wellhead Protection Area



Legend



Well



3000ft Radius
Wellhead Protection
Area

0 0.15 0.3 0.6 Miles

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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