



NEW WELL SITE SURVEY

State Form 50896 (R6 / 5-24)
 INDIANA DEPARTMENT OF ENVIRONMENTAL
 MANAGEMENT OFFICE OF WATER QUALITY

Date Submitted: _____

INSTRUCTIONS: Complete all information, mail, or Email packet to: *IDEM, OWQ, DWB, Field Inspection Section*
 100 N. Senate Avenue, MC: 66-34
 Indianapolis, IN 46204-2251 or Email: *DWBMGR@IDEM.IN.GOV*

SECTION I - FOR ALL PUBLIC WATER SUPPLY SYSTEMS

1. System Name (<i>Facility</i>):	2. System PWSID number:	3. County of Facility:
4. Physical Address of Facility:	5. Physical Address City, State and Zip:	
6. Contact Person:	7. Contact Person Mailing Address: (Street, City, State and Zip)	
8. Contact Person Email Address:	9. Contact Person Telephone number: () -	
10. Type of Application: <input type="checkbox"/> New System Well <input type="checkbox"/> Replacement Well <input type="checkbox"/> Additional Well New Well Name: _____ Where does it feed: _____		
11. Provide the location of the proposed well site in UTM coordinates. (<i>Please provide this information on a separate sheet of paper in your packet.</i>)		
12. Township: _____, Range: _____, Section: _____, Township Name: _____		
13. Well Description: Diameter: _____ in., Casing Material: _____, Expected Pump Capacity: _____ gpm, Casing Length: _____ ft, & Total Well Depth: _____ ft. 100-year Flood Elevation: _____ ft.		

SECTION II - FOR COMMUNITY PUBLIC WATER SUPPLY SYSTEMS By 327 IAC 8-4.1 and 327 IAC 8-3.4 all community systems must submit:

	Location in Packet	IDEM Use Only		
		Information Present?	Reviewer	Item #
1. A USGS topographical map showing the areas surrounding the well and proposed well site.				1
2. A map drawn to a scale between 1"=100', 1"=400' and 1"=1,000', showing:	X	X	X	X
A. Ownership and any easement boundaries of the proposed well site(s),				2
B. The location of the proposed well(s),				3
C. The isolation area (100' and/or 200') for each well(s),				4
D. The wellhead protection area.				5
3. A summary of the aquifer system used by the proposed well(s) where available.				6
4. An inventory of potential sources of contamination within a 3000' radius of the proposed well(s).				7
5. A schedule for the development of a Phase I, Phase II or 5-Year Update Wellhead Protection Plan.				8
6. Driving directions to the proposed well site(s).				9

SECTION III – FOR NONCOMMUNITY PUBLIC WATER SUPPLY SYSTEMS By 327 IAC 8-3.4 all noncommunity systems must submit:

1. A map drawn to a scale showing (1"=50' or 1"=100'):	X	X	X	X
A. Ownership and any easement boundaries of the proposed well site(s),				10
B. The location of the proposed well(s),				11
C. The isolation area (100' or 200'),				12
D. Inventory of a visual survey of potential sources of contamination within a 1000' radius of the proposed well(s).				13
2. The name of the USGS topographical map(s) for the proposed well site(s).				14
3. A summary of the aquifer system used by the proposed well(s) where available.				15
4. Driving directions to the proposed well site(s).				16

General Instructions - The application provides a checklist to ensure that all required information is provided. A well site visit will not be scheduled until all of the required information is submitted. In the column "Location in Packet" indicate the page number in the packet where each item may be found. Mail a copy of the requested information to: IDEM, OWQ, DWB, Field Inspection Section, 100 N. Senate Avenue, MC: 66-34, Indianapolis, IN 46204-2251. It is preferable that your application is submitted via electronic mail at: DWBMGR@IDEM.IN.GOV.

Instructions for Section I - For All Public Water Supply Systems (Transients, NonTransient and Community)

1. System name as it should appear on all reports and correspondence. If the system is currently in operation this is the name currently being used.
2. Public Water Supply Identification Number (PWSID #), a unique number assigned to every public water system. If you have not been assigned a number, leave this blank and one will be assigned at a later date. If you are currently an operating system and you have a PWSID, you should provide it here.
- 3.-5. The county and physical address including city, state, and zip to be used.
- 6.-9. Contact person and mailing address for correspondence with the system including city, state, and zip, Email address and telephone number. This will be the person that IDEM will contact concerning the public water system.
10. Indicate the type of application; a "new system well" for a new public water system; a "replacement well" is replacing a well at an existing public water system; or an "additional well" is adding a well to an existing public water system.
11. On a separate sheet of paper (not on this application) provide the UTM coordinates for the proposed well site.
12. Township, Range and Section where the well will be drilled along with the name of the county's Township. Example: 14N, 6E, Section 21 – Clay Township.
13. Brief well description including the well diameter and casing material, expected pump capacity in gallons per minute (GPM), expected depth, and the Federal Emergency Management Agency (FEMA) 100-year flood elevation in feet.

Instructions for Section II - For Community Public Water Supply Systems (a system with year-round residents)

1. The topographical map showing the proposed well site and the area around the well. If you do not use the entire map; make sure the map name, number, and scale are included in the "cut-up" version. Topographical or various other maps are available by visiting WWW.USGS.GOV or WWW.INDIANAMAP.ORG.
2. A detailed map drawn to a scale between 1"=100' or 400' & 1"=1000'(1"=1000' is 2x the scale of a topographical map). The map must show the following:
 - a. Easements and property ownership boundaries for the property where the proposed well site(s) will be located.
 - b. Locate as precisely as possible on the map where the proposed well(s) will be located.
 - c. For community water systems the isolation area may be 100' or 200' radius from the proposed well location depending on disinfection or hydrogeological favorable conditions approval.
 - d. Indicate the Wellhead Protection Area. The wellhead rule (327 IAC 8-4.1) provides five methods to delineate a wellhead protection area. For a proposed well **ANY** of these methods can be used regardless of the proposed pumping or actual pumping of the system. This means that ANY system can use a 3000' fixed radius for the proposed well site application. **This does not qualify the system to use the 3000' fixed radius as a delineation method for your Wellhead Protection Plan nor does this application qualify as a Wellhead Protection Plan.** For more information about delineation methods refer to 327 IAC 8-4.1 or call the wellhead protection program at (317) 232-8728.
3. If there has been a study or report for the aquifer system a summary of the report must be included.
4. A potential sources of contamination inventory performed in the 3,000' radius of the well which lists existing facilities, sites, practices, and activities for both regulated and unregulated potential sources of contamination. The inventory must be submitted in the following form:
 - a. A map with the potential sources of contamination plotted showing their locations relative to the wellhead protection boundaries drawn to a scale between 1"=100' or 400' and 1"=1000'.
 - b. A table containing information describing the potential sources of contamination including:
 - (i) Facility I.D. Number (cross-referenced to 'b' above);
 - (ii) Facility name and location;
 - (iii) Site description;
 - (iv) Any environmental permits issued for the site, including number and agency issuing the permit;
 - (v) Types of contaminants at the site; and,
 - (vi) The operating status of site.
 - c. A narrative description of land uses within the Wellhead Protection Area.
5. Provide a schedule for the development of the required Phase I, Phase II or 5-Year Update portion of the Wellhead Protection Plan.
6. Provide detailed driving directions to the proposed well site. From Indianapolis, IN or the closest Regional Office.

Instructions for Section III - For Noncommunity Public Water Supply Systems (a system with no year-round residents)

1. A map drawn to any scale, which shows (1"=50' or 1"=100'):
 - a. Easements and property ownership boundaries for the property where the proposed well site(s) will be located.
 - b. Locate as precisely as possible on the map where the proposed well(s) will be located.
 - c. For noncommunity systems, this may be 100' or 200' radius from the proposed well location depending on pump rated capacity, disinfection or Favorable Hydrological Conditions.
 - d. The location of potential sources of contamination within a 1000' radius of the proposed well. A visual or aerial survey of the 1000' radius may be conducted, and the findings listed on a separate section in the application packet.
2. Provide the name of the topographical map(s) that the proposed well site(s) appear(s) on.
3. If there has been a study or report for the aquifer system a summary of the report must be included. Well logs may also be provided for reference.
4. Provide detailed driving directions to the proposed well site. From Indianapolis, IN or the closest Regional Office.

Public Water System Type	Setback Radius (ft)	Automatic Disinfection	Favorable Hydrological Conditions
Community, Noncommunity >70gpm, Noncommunity Susceptible Population	200	100	100
Noncommunity Non-susceptible Population	100	100	100
Distances to keep in mind:			
Surface water body	25		
Another well over 70 gpm	100		
Another well under 70 gpm	50		

*Distances are subject to site conditions.