

REQUEST FOR WELL EXCEPTION

Plainfield Charter Township Ordinance No. 2020-02 Algoma Township Ordinance No. TBD

Under Plainfield Charter Township Groundwater Use Ordinance No. 2020-02 and Algoma Township Groundwater Use Ordinance No. TBD, certain exceptions exist for a person to use a well within the Affected Area if certain requirements are met, and a Proof of No Influence can be made. The purpose of these groundwater use ordinances are to protect the public health, safety, and welfare, and groundwater resources through the imposition of restrictions on the use of groundwater where there is a reasonable potential that the use of a well will lead to the human consumption of, or exposure to, unacceptable levels of certain contaminants in groundwater and the inadvertent spread of groundwater contamination beyond its natural migration.

This "Request for Exception" form and requested information will need to be completed in order for the appropriate governing agencies to make recommendations and for the Plainfield Charter Township Director of Public Services ("DPS Officer" or their designee) to make a determination regarding if an exception can be given for a particular well located within the Affected Area.

Instructions:

*The well property owner should complete **Section 1** of this form and submit the requested information (including attachments) to Plainfield Charter Township:*

*Attn: Rick Solle, Director of Public Services
Plainfield Charter Township Water Department
5195 Plainfield Avenue NE
Grand Rapids, Michigan 49525
Email: soller@plainfieldmi.org*

This information can be submitted by mail, email, or dropped off by the applicant at the Plainfield Charter Township Water Department offices during normal business hours.

Section 2 of this form will be completed by The Michigan Department of Environment, Great Lakes, and Energy (EGLE) and the Kent County Health Department (KCHD).

Section 3 of this form will be completed by Plainfield Charter Township. Plainfield Charter Township will provide a copy of the completed form and package to the applicant, EGLE, and KCHD.

If there is more than one well on your property, please submit a separate request for each well you are seeking an exception for.

**Request for Well Exception
Plainfield Charter Twp. & Algoma Twp.**

SECTION 1: Well Information and “Proof of No Influence”

(To be completed by applicant)

1.1 Location of Well

Township Location (check one): Plainfield Township or Algoma Township

Well Owner's Name: _____

Well Owner's Street Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____ Email: _____

Well Parcel ID # (if known): _____

Well Property Address (if different than Owner's Address):

Attach a map or sketch that identifies any and all wells that are present on the property, including the well that you are seeking to keep as part of this well exception request. The use of each well should also be noted on the map.

Map Attached: Yes No

Number of Wells on this Property: _____

If there is more than one well on your property, please submit a separate request for each well you are seeking an exception for.

1.2 Exception Request

This exception request is for a: proposed new well* or existing well

* Please note that a KCHD Water Supply Facility Permit is still required for any new well. Approval of this exception does not constitute approval for well drilling or guarantee that a permit will be issued.

Please indicate the type of well for which you are requesting an exception (check all that apply):

- Drinking Water Irrigation
- Closed-Loop Geothermal Open-Loop Geothermal
- Commercial/Industrial Contact Cooling Water or Non-Contact Cooling Water
- Fire Protection Other: _____

For an existing well, is the current well use the same as the proposed future use? Yes No
If no, what is the proposed use? Please explain: _____

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1.3 Existing Well Construction

Please attach a copy of the "well log" for this well, if available. Well log attached: Yes No

Provide the following well construction information (leave blank if unknown):

Well Casing Diameter: 2 inches or less 4 inches 5 inches Other: _____

Depth of Well (feet): _____ Length of Well Screen: _____ Screen Slot Size: _____

Well Screen Depth (feet): _____

Well Drilling Method: Cable Tool Rotary Other: _____

Well Grouting: Was the well annulus grouted? Yes No Unknown

Depth of Grouting (feet): _____

Grouting Material Used: Bentonite Neat Cement Other: _____

Type of Well Pump: Submersible Deep Well Jet Shallow Well Jet

Rated Pump Capacity: _____ gallons per minute

Pump Manufacturer: _____ Pump Model No.: _____

If the well is part of an open or closed loop geothermal system, please provide any plans or documents that relate to the construction of the system.

Geothermal plan attached? Yes No

1.4 Water Quality

Please include all information you have in your possession regarding the quality of the water from your well, including any per- and polyfluoroalkyl substance (PFAS) sampling results.

Sampling analytical data attached? Yes No

Other information you want to provide? _____

1.5 Water Treatment

Will your well use any water treatment? Yes No

If yes, please indicate the type of treatment that is proposed to be used. Check all that apply:

Water Softener Sediment Filter Carbon Filter Iron Curtain

Whole-House Granular Activated Carbon System Whole-House Reverse Osmosis System

Point-of-Use Granular Activated Carbon Filter Point-of-Use Reverse Osmosis Filter

Other: _____

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1.6 Area of Irrigation

(Skip Section 1.6 if the well is not being used for irrigation)

How often will the irrigation well be used? _____

How long will the irrigation well pump water per day? _____

When the well is in-use, what is the estimated flow rate, if known (gallons per minute)? _____

Attach a map showing the area that is irrigated with the well (can be hand-drawn).

Is a map attached: Yes No

1.7 Area of Discharge (for Non-Irrigation and Non-Drinking Water Wells)

(Skip Section 1.7 if the well will not have any discharges)

Will there be a discharge of groundwater to the land surface: Yes No

If yes, how much groundwater on average is discharged per day? _____

Will there be discharge of groundwater to a surface water body: Yes No

If yes, how much groundwater on average is discharged per day? _____

Will there be discharge of groundwater back to the groundwater aquifer: Yes No

If yes, how much groundwater on average is discharged per day? _____

Attach a map showing where the discharge occurs or will occur (can be hand-drawn).

Is a map attached: Yes No

1.8 Additional Information:

Please attach any other information to this exemption request which would help demonstrate that the use of this well will not pose a risk to public health, safety or welfare, or have any detrimental influence on the migration of the existing groundwater contamination in the Affected Area (a Proof of No Influence).

If available, documentation or evidence which would help demonstrate a Proof of No Influence includes, but is not limited to: valid analytical data collected over an acceptable time period, hydrogeologic evaluations, pump tests, vertical or horizontal separation distance between the well screen and known groundwater contamination, geologic conditions of the property that would affect contamination migration, and any other groundwater modeling information.

If you do not provide the information discussed above with your initial request, you may be contacted and asked to provide it before your request can be processed.

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1.9 By Signing This Form, I Understand the Following:

- A) Submission of this form and associated attachments does not guarantee approval of the exception request.*
- B) Submission of this form does not remove any other permit requirements which may be required by local or state law for installation and/or operation of a water well.*
- C) The cost and obligations of ongoing operation and maintenance of the well is the responsibility of the well owner.*
- D) Costs associated with any exception requirements (for example, operation and maintenance of a water treatment system or future sampling requirements) are the responsibility of the well owner.*
- E) The well owner has the responsibility for proper maintenance of the well and assumes the responsibility to prevent the spread of groundwater contamination by well operation.*
- F) If groundwater contamination is spread or influenced by operation of this well, the well owner assumes responsibility for the groundwater contamination that the well has spread or influenced.*
- G) If the well owner sells the property that contains this well, they have an obligation to disclose the presence of the well, pursuant to the Seller Disclosure Act, PA 92 of 1993.*
- H) Submission of this Form serves as consent to share your information with other governmental entities and may subject the information to disclosure under the Freedom of Information Act.*

Signature of Well Owner

Signature: _____ Date: _____

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SECTION 2: Agency Review of Well Exception Request

(To be completed by EGLE and KCHD)

Based on review of the information provided in Section 1 from the applicant, the following recommendations are being provided to the DPS Officer regarding the exception request:

2.1 Kent County Health Department Recommendations:

Signature: _____ Date: _____

Title: _____ Dept: _____

2.2 Michigan Department of Environment Great Lakes & Energy Recommendations:

Signature: _____ Date: _____

Title: _____ Division: _____

SECTION 3: Plainfield Charter Township Director of Public Services Decision

3.1 Director of Public Services Final Decision on Exception of Well:

Approval of Well Exception Request

Approval of Well Exception Request with the following conditions:

Denial of Well Exception Request (explanation for denial below):

Signature: _____

Date: _____

3.2 Well Disconnection Verified (if needed)

An inspection was completed by the Township which verified that the well has been disconnected from all taps used for consumption.

Inspection Completed by: _____

Date: _____

Title: _____ Signature: _____