

PART 625 MINERAL WELL PERMIT APPLICATION

Waste Management of Michigan, Inc.

Class I Non-Hazardous Deepwell

Autumn Hills Recycling and Disposal Facility

Ottawa County, Michigan

T5N R14W Section 36

Well IW-1

EPA Permit # TBD

MDEQ Permit # TBD

June 2018

Revised March 2019

(4 pages revised as noted June 2019)

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A. Well Identification and Project Description

A.1 Describe in detail the purpose of the well and its anticipated life expectancy

Through the submittal of this application, Waste Management of Michigan, Inc. (WM), requests authorization from the Michigan Department of Environmental Quality (MDEQ) to install and operate a non-hazardous disposal well located at the Autumn Hills Recycling & Disposal Facility (RDF) pursuant to the applicable MDEQ Mineral Well regulations as specified in the Natural Resources and Environmental Protection Act No. 451, Part 625 (as amended). The well will be located in Ottawa County within the active Autumn Hills RDF landfill site boundary, located in T5N R14W, Section 36. The well will be located 742 feet from the west line and 433 feet from the North section line of Section 36. A map identifying the facility and well location is included as Figure A.4-1 at the end of this section. There are no known areas of groundwater contamination within the Autumn Hills RDF property, as demonstrated by the routine hydrogeologic monitoring program.

All applicable information, figures and forms as identified by the MDEQ Permit Application Instructions for Disposal, Storage, or Brine Production Wells are included in this document. **Section A** includes all information pertaining to Well Identification and Project Description, including items 1-15 (i.e., purpose of the well through description of the planned coring program). **Section B** includes all additional information required for an application for a permit to drill and operate a disposal well, including items 1-17. This well application is for a single-source, non-commercial, non-hazardous well. Note that the application is not being sought to drill and operate a storage well or for the production of brine (or conversion of wells for this purpose), and this is also addressed in **Section B**. Figures and forms referenced in each subsection (e.g. Section A.1) are included at the end of that subsection. Also note that the guidance showed two items B.2, both numbered "2", so this document presents 17 elements under Section B, not 16 as numbered in the Guidance (<http://www.michigan.gov/deq>). For completeness, Section B also addresses the facts that permits for well storage (B1.18) and for the production of artificial brine (B.19) are not being requested.

The proposed disposal well (also referred to as an injection well, IW-1) at the Autumn Hills RDF (hereafter referred to as IW-1 or proposed IW-1, depending on use context) will be used for the injection of landfill leachate and landfill gas condensate from the site, well maintenance and testing fluids associated with this well, and storm water runoff generated at the facility. Landfill leachate is generated by infiltration of precipitation onto solid waste within the landfill; precipitation may dissolve (or leach) material within the solid waste, resulting in leachate composed of 98% water, with the balance being dissolved salts such as sodium, chloride, bicarbonate and potassium, as well as organics and other nutrients (e.g., ammonia). The total dissolved solids (TDS) component of the landfill leachate will primarily originate from the non-hazardous landfill waste, and injectate composed of this leachate may also include small amounts of chemical additives (e.g., scaling inhibitors, biocides, etc.) required for proper system

operations and maintenance. Landfill gas is naturally generated by biodegradation of solid waste and is composed primarily of methane and carbon dioxide; this gas is collected on vacuum from the landfill for beneficial reuse. As the landfill gas cools within the collection system, condensate is generated in the header piping and flows by gravity to the leachate management system, where it is pumped through the same common forcemain used to manage landfill leachate. The non-hazardous fluid generated on-site from the leachate and gas collection system and landfill activities will be injected in well IW-1. If needed, insignificant volumes of storm water, local groundwater derived from the landfill site, and fluids derived from or necessary for the maintenance and repair of the well may also be injected. Fluids will be transferred by flowline from the capture system units to an above ground storage tank (AST) where the leachate, gas condensate, and fluids are comingled prior to injection. The collection system is anticipated to constitute the majority of the total fluid volume. Fluid to be injected is collected at the leachate collection system, then is transferred by pipeline to a leachate AST. In addition to the leachate collection system, water collected from the landfill gas condensate collection system will be added to the existing leachate AST. These gathering lines and the AST already exist on site as part of current leachate and condensate management.

Fresh water aquifers in the vicinity of this well are to be protected by multiple strings of casing and cement. Injectate will be injected under gravity flow or will be delivered to the injection formation under positive pressure flow through steel tubing and a packer. The injection zone includes formations from the deepest Mt. Simon Sandstone to the base of the Utica Shale. WM only intends to complete the Mt. Simon as the injection interval. The overlying confining zone is the Utica Shale..

The well will have surface casing extending into the Coldwater Shale, intermediate casing extending into the Salina Group, and one long string protective casing extending into the injection interval, with an open hole completion in the Mt. Simon below the long string protective casing. The annulus area between the protective casing and the injection tubing string will be filled with inhibited fresh water. Annulus pressure will be continuously monitored to detect any leaks in the tubing or casing and annulus pressure will be maintained at pressures of more than 100 psi above the tubing pressure.

WM intends to operate this well for a period of up to 20 years. Project life may be altered in the future based on the continued operation of the Autumn Hills RDF.

A.2 Notification: At the same time as submitting the permit application, mail via first-class United States mail, a copy of the first page of the permit application and cover letter to the clerk of the township and the surface owner of record of the land on which the well is to be located.

A letter has been prepared and submitted to the Clerk of Zeeland Township conveying a copy of the first page of this permit application. The permit applicant is the owner of the land on which the well is to be located, and therefore no submittal to the landowner is required. The permit applicant is also the lease holder of the mineral rights for the property.

At the end of this section a copy of the Cover Letter is presented, notifying the Clerk of Zeeland Township that an Application for Permit to Drill/Deepen/Convert, and Operate a Well has been submitted to the following address:

Kate Kraak
Zeeland Charter Township Clerk
6582 Byron Road
Zeeland, MI 49464
(616) 772-6701 Ext. 105



Waste Management of Michigan
700 – 56th Avenue
Zeeland, Michigan 49464

June 13, 2018

Ms. Kate Kraak, Clerk
Zeeland Charter Township
6582 Byron Road
Zeeland, MI 49464

**SUBJECT: MDEQ Mineral Well Application
Autumn Hills Recycling & Disposal Facility**

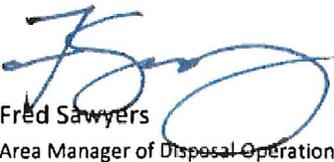
Ms. Kraak:

Waste Management of Michigan, Inc. is submitting to the Michigan Department of Environmental Quality an Application to Drill and Operate a Mineral Well for disposal of non-hazardous fluids at the Autumn Hills Recycling & Disposal Facility. The well will be located at the following address:

700 – 56th Avenue
Zeeland, MI 49464

Autumn Hills RDF will own and operate the well on property owned by its parent Company, Waste Management of Michigan, Inc., and intends to use this well to manage non-hazardous fluids generated at the facility. As required by Part 625 of Act 451 PA 1994, as amended, attached please find a copy of the first page of the permit application for your records. Should you have any further questions, please contact me at 616-688-5777

Respectfully
Waste Management of Michigan



Fred Sawyers
Area Manager of Disposal Operations

Cc: Matt Rosser (WM)

A.3 Form EQP 7200-1, Application for Permit to Drill, Deepen, Operate, with an original signature from the applicant or the applicant's agent. See instructions on reverse of form.

A completed Application for Permit to Drill, Deepen, or Operate the Autumn Hills RDF Well IW-1 is presented on Form EQP 7200-01. A Completed and Signed Form is attached at the end of this section.



APPLICATION FOR PERMIT TO:

DRILL DEEPEN CONVERT AND OPERATE A WELL

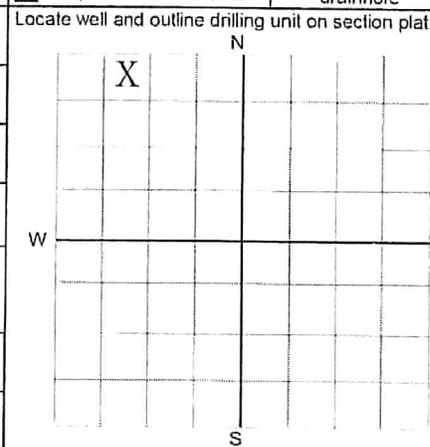
By authority of Part 615 or Part 625 of Act 451 PA 1994, as amended Non-submission and/or falsification of this information may result in fines and/or imprisonment.

1a. Part 615 Supervisor of Wells Oil and Gas Brine Disposal Hydrocarbon Storage Injection for Secondary Recovery

1b. Part 625 Mineral Wells Waste Disposal Brine Production Processed brine disposal Storage Test, fee sched. on rev.

1c. Fee enclosed Yes No, revision of application No, leg of horz drainhole

2. List all previous permit numbers 3. Fed. ID. No. (do not use SSN) 38-1214786 4. Conformance bond 5. Attached On file 6. Bond number 0207920 7. Bond amount \$109,500 8. Applicant (name of permittee as bonded) Waste Management of Michigan, Inc. 9. Address Autumn Hills Recycling and Disposal Facility 700 56th Avenue Zeeland, MI 49464 Phone 616-688-5777 I authorize DEQ 4 additional days to process this application. Yes No 10. Lease or well name (be as brief as possible) Waste Management Autumn Hills Well number IW-1 11. Surface owner Private State Federal Indian Other, identify Waste Management of Michigan, Inc.



12. Surface location NE 1/4 of NW 1/4 of NW 1/4 of Sec 36 T 5N R 14W Township Zeeland County Ottawa 13. If directional, bottom hole location 1/4 of 1/4 of 1/4 of Sec T R Township County 14. The surface location for this well is 433 feet from nearest (N/S) N section line AND 742 feet from nearest (E/W) W section line 15. Is this a directional well? No Yes If yes, complete line 15. The bottom hole location for this well is feet from nearest (N/S) section line AND feet from nearest (E/W) section line 16. The bottom hole location (whether straight or directional) of this well is 433 feet from nearest (N/S) N drilling unit line AND 742 feet from nearest (E/W) W drilling unit line 17. Kind of tools Rotary Cable Combination 18. Is sour oil or gas expected? No Yes H2S Cont plan enclosed 19. Base of lowest known fresh water aquifer Formation Marshall Depth 350' (max) 20. Intended total depth MD 6,600 BGL TVD 6,600 21. Formation at total depth Mt. Simon 22. Producing/Injection formation(s) Mt. Simon-Trenton 23. Objective pool, field, or project Mt. Simon-Trenton

24. PROPOSED DRILLING, CASING AND CEMENTING AND SEALING PROGRAM Table with columns: HOLE (Depth BGL, Geol. Formation, Bit Dia.), CASING (O.D. Size, Wt/Ft, Grade, Condition, Depth), CEMENT (Sacks, T.O.C., W.O.C.), MUD (Wt., Vis.).

25. DETAIL CEMENTING PROGRAM. IDENTIFY ALL CEMENT CLASSES, ADDITIVES, AND VOLUMES (IN CU. FT.) FOR EACH CASING STRING. Conductor: If needed, Class A cement with 2% bentonite and 2% CaCl2, net yield 1.18 ft3/sack; 188 ft3 (includes 25% excess) Surface: Class A cement with 2% bentonite and 2% CaCl2, net yield 1.18 ft3/sack; 607 ft3 (includes 75% excess) Intermediate: Class A cement with 2% bentonite and 2% CaCl2, net yield 1.18 ft3/sack; 978 ft3 (includes 25% excess) Production/Injection Class A cement with 2% bentonite and 2% CaCl2, net yield 1.18 ft3/sack; 999 ft3 (includes 25% excess)

26. Send correspondence and permit to Name Mr. Fred Sawyers E-mail fsawyers@wm.com Address 700 56th Avenue, Zeeland, MI Phone 616-688-5777

CERTIFICATION "I state that I am authorized by said applicant. This application was prepared under my supervision and direction. The facts stated herein are true, accurate and complete to the best of my knowledge."

27. Application prepared by (print or type) Denise Gretz Phone 248-596-3507 28. Signature Denise Gretz Date 3/25/19 Enclose the receipt of electronic payment or a check made payable to State of Michigan. The permit fee is \$300 for Part 615 wells; \$2,500 for a Part 625 waste disposal well, \$500 for brine production, processed brine disposal, or storage well. DEQ Cashier use only.

Oil, Gas, and Minerals Division Use Only Table with columns: Permit number, API number, Date issued, Owner number

- A.4 EQP 7200-2, Survey Record of Well Location signed and sealed by a surveyor licensed in the state of Michigan which identifies:**
- A. A readily visible stake or marker must be set at the well location. If the well will be directionally drilled also identify the bottom hole location.**
 - B. A flagged route or explanation of how the well location may be reached.**
 - C. Footages of the surface location (and if directionally drilled, the bottom hole location) from the nearest property and section lines.**
 - D. Identification of the existing local zoning designation of the surface location of the well.**
 - E. The surveyor must include an attached plat that shows all of the following information relative to the approximate distances and directions from the stake or marker to special hazards or conditions, including all of the following:**
 - i. Surface waters and other environmentally sensitive areas within 1,320 feet of the proposed well.**
 - ii. Floodplains associated with surface waters within 1,320 feet of the proposed well.**
 - iii. Wetlands, as identified by the provisions of Part 303 of the NREPA, within 1,320 feet of the proposed well.**
 - iv. Natural rivers, as identified by the provisions of Part 305 of the NREPA, within 1,320 feet of the proposed well.**
 - v. Threatened or endangered species, as identified by the provisions of Part 365 of the NREPA, within 1,320 feet of the proposed well.**
 - vi. All buildings, recorded fresh water wells and reasonably identifiable fresh water wells utilized for human consumption, public roads, railroads, pipelines, power lines and other man-made objects that lie within 600 feet of the proposed well location.**
 - vii. All public water supply wells identified as type I and IIa that lie within 2,000 feet of the proposed well location and type IIb and III that lie within 800 feet of the proposed well location, as defined in Act No. 399 of the Public Acts of 1976, as amended, being §325.1001 et seq. of the Michigan Compiled Laws.**

Form EPQ 7200-02, signed and sealed by a State of Michigan Surveyor is included at the end of Section A.4. The Survey Plat is presented on Figure A.4-8. This Plat shows all of the required information specified by A.4, as do various figures (i.e., Figures A.4-1 through A.4-8) or other data sources, as discussed below. Figure A.4-1 is a facility location map of the Autumn Hills RDF.

The survey plat (Figure A.4-8) as well as Figure A.4-2 at the end of this section shows there to be a readily visible stake or marker set at the proposed well location. The well will not be directionally drilled. Further, the plat shows the roadways near and to the facility. The Autumn Hills RDF is located in Section 36, T5N, R14W in Zeeland Charter Township, Michigan, in Ottawa County. The facility is entered via a dedicated site access road on the northwest side of the facility that extends to 56th Avenue. The facility property line is immediately adjacent to and abuts 56th Avenue and is generally parallel to Adams Street on its northern border. Injunctate will primarily be sourced from landfill cell leachate and gas condensate collection systems, which are pumped via flowline or through a dedicated forcemain to the leachate collection tank in the northwestern portion of the facility (Figure A.4-3). The site access road runs east-west and extends from 56th Avenue to the proposed well location. If leachate is ever trucked on site from the cells to the tank, the pump trucks may travel along site roads that essentially surround the active landfill except on the far eastern boundary where the road travels N-S near landfill Phases 18 and 21. Leachate would be unloaded on the current pre-existing concrete unloading pad that is already in use for transfer and offsite disposal of leachate, which will have sufficient curbs and drainage slopes to allow the containment and collection of any possible leakage during transport unloading operations. The current, pre-existing concrete pad is used for transfer and offsite disposal of leachate. When surface facilities as designed, the appropriate forms and documentation showing the location of surface facilities, including a concrete pad, will be submitted to MDEQ for review and approval. Liquids will be transferred via flowline from the tank to the disposal well pumps and filters and then to the wellhead. The proposed well will be located in Section 36, T5N, R14W. The area is in the Zeeland Charter Township and is zoned agricultural as shown on the following website: (http://www.zeelandtpw.org/Portals/0/Maps/ZInd_ZoningMap_18x24.pdf).

- i. Surface Waters and other environmentally sensitive areas within 1,320 feet of the proposed well.

Topographic data are provided on Figure A.4-4 at the end of Section A.4. Figure A.4-5 presents an aerial photograph of the Autumn Hills RDF and Figure A.4-7 presents an aerial photograph of the proposed IW-1 well location. However, the survey (Figure A.4-8) identified intermittent stream, Hunderman Creek northwest of the Landfill, but across Adams Street. The closest mapped "lake" occurring approximately 1,400 feet east of the proposed well and is an existing on-site water temporary storm basin. Additionally, aerial photographs verify that the proposed well location is interior to the facility property, and is not near visible surface waters or other environmentally sensitive areas [Figures A.4-5 and A.4-7, end of Section A.4]. Field verification of this information is included in the Survey (Form EPQ 7200-02 and Figure A.4-8), which shows that there are no surface waters other than the aforementioned intermittent creek, or environmentally sensitive areas within 1,320 feet of the proposed location that meet the regulatory requirements presented in Sections 30301-30323, 30501-30515, and 36501-36507 of the Natural Resources and Environmental Protection Act No. 451, as amended. See Item iii and iv for additional information.

- ii. Floodplains associated with surface waters within 1,320 feet of the proposed wells.

The FEMA floodplain mapping website (<https://msc.fema.gov>) provides aerial maps based on address location to identify flood hazards. The map at this website for the Autumn Hills address shows that the facility and surrounding area is in an Areas of Minimal Flood Hazard. As shown on this FEMA map, there are no major natural rivers or natural major surface water features within 1,320 feet of the proposed well location. Farmland exists to the north and west of the proposed well location, with a raised berm area on WM property separating Adams Street from the landfill; active landfill cells occur to the south and east. Field verification through survey activities (Figure A.4-8) show no surface water features within 1,320 feet of the proposed location.

- iii. Wetlands, as identified by the provisions of Part 303 of the NREPA, within 1,320 feet of the proposed well.

The DEQ Wetlands Map Viewer (www.mcqi.state.mi.us/wetlands) was queried to identify wetlands within 1,320 feet of the proposed well location. An area was identified north of the proposed well site, primarily north of Adams Street. The query identified this location in DEQ Eco-Region VI.3.3 and the Part 303 Wetland Data as "Wetland (Hydric) soils". The DEQ Final Wetland Inventory Map (2006) identified a wetland area north of the landfill across Adams Street. The aerial photograph, available topographic maps, and DEQ Wetland maps verify these conclusions (a wetland occurs near and north of Adams Street) (Figures A.4-4, A.4-5 and A.4-7). However, this wetland is adjacent to a ditch (Figure A.4-8) but does not occur within 500 feet of an inland lake, pond, river, or stream and does not meet other criteria under the provision of Part 303 of NREPA. No wetlands were identified in accordance with Part 303 within the specified radius of 1,320 feet around the proposed well location. Note that MDEQ conducted a Level 3 Wetland Identification Review as presented in the Autumn Hills RDF's Land Environmental Assessment (2013). While four Wetlands were identified within the RDF 60 acre area, all were determined to have been incidentally created due to landfill operation and were deemed to be non-regulated wetlands.

- iv. Natural rivers, as identified by the provisions of Part 305 of the NREPA, within 1,320 feet of the proposed well.

The aerial photographs (Figures A.4-5 and A.4-7), FEMA maps, and floodplain maps show an intermittent stream northwest of the Landfill (Figure A.4-8), but no indication of natural rivers within the specified radius as identified by the provisions of Part 305 of the NREPA. Therefore, no natural rivers as provided by Part 305 of NREPA were identified within the specified radius of 1,320 feet.

- v. Threatened or endangered species, as identified by the provisions of Part 365 of the NREPA, within 1,320 feet of the proposed well.

The Michigan Department of Agriculture and Rural Development (MDARD) website at www.michigan.gov/mdard offers evaluation of endangered species by county. The MDARD identified no endangered species in Ottawa County. The Karner Blue butterfly (*Lycaeides melissa samuelis*) is a threatened species identified in Allegan County, which is significantly more distant than 1,320 feet from the proposed well location. Field verification by the property owner was not required because no endangered species were identified within the specified radius of 1,320 feet of the middle of the active landfill.

- vi. All buildings, recorded fresh water wells, wells and reasonably identifiable fresh water wells utilized for human consumption, public roads, railroads, pipelines, power lines and other man-made objects that lie within 600 feet of the proposed well.

Available information indicates that there are no freshwater wells used for human consumption within the specified 600 feet radius (See Figure A.4-6). Groundwater monitoring wells occur outside of the 600 feet radius (Figure A.4-3).

Figure A.4-8 shows there to be two (2) permanent structures and one private road within the 600 foot radius, but no railroads as verified by survey. The two permanent structures are an office building and a leachate collection/filtration building on the landfill site. A map showing the general location of groundwater wells is provided on Figure A.4-6 at the end of Section A.4.

- vii. All public water supply wells identified as Type I and IIa that lie within 2,000 feet of the proposed well location and Type IIb and III that lie within 800 feet of the proposed well location, as defined in Act No. 399 of the Public Acts of 1976, as amended, being part 325.1001 et. Seq., of the Michigan Compiled Laws.

Based on available data, one active Type IIb public water supply well, which is owned and operated by Autumn Hills RDF, has been identified within 800 feet of the proposed well location. No Type I or IIa wells were identified within 2,000 feet of the proposed well location. Figure A.4-6 presents the location of water wells within 2,000 feet of the proposed well location, including the Type IIb well which is owned by Waste Management of Michigan. It is noted that water quality for the Type IIb well is monitored annually by WM. Per Part 3, R.299.2341(2)(a), a letter is presented at the end of Section A.4, addressed to the supervisor of mineral wells providing written consent by the owner, Waste Management of Michigan, stating that operation of the proposed disposal well is acceptable to the owner.



Waste Management of Michigan
700 – 56th Avenue
Zeeland, Michigan 49464

June 13, 2018

Mr. Harold R. Fitch, Division Director
DEQ Oil, Gas, and Minerals Division
PO Box 30256
Lansing MI 48909-7756

**SUBJECT: Consent for Class I Injection Well
Autumn Hills Recycling & Disposal Facility**

Dear Mr. Fitch,

In conjunction with the Permit Application for a Class I Underground Injection Well at Autumn Hills Landfill in Zeeland, Michigan, Waste Management of Michigan, Inc. (WMM) is providing this letter as written consent for construction of the proposed injection well in the vicinity of their existing Type IIb Water Supply Well (WSSN: 2051670) for the facility. This water supply well, which is primarily for sanitary services, equipment cleaning and facility wash-down operations at Autumn Hills, has already been permitted within the 800-foot Setback of the Permitted Limit of Solid Waste.

Under the supply well conditions, Autumn Hills samples this well annually for an expanded list of analytical parameters for this existing setback exemption. With the area geology and the added oversight, WMM believes the installation of the injection well will not pose a concern or compromise the water quality for the existing Type IIb Well.

Should you have any questions, please contact me for discussion at 616.688-5777.

Respectfully
Waste Management of Michigan

Fred Sawyers

A handwritten signature in blue ink, appearing to read 'Fred Sawyers', is written over the printed name.

Fred Sawyers
Area Manager of Disposal Operations

Cc: Matt Rosser (WM)



SURVEY RECORD OF WELL LOCATION

This information is required by authority of Part 615 Supervisor of Wells, or Part 625 Mineral Wells, of Act 451 PA 1994, as amended, in order to obtain a drilling permit.

Applicant
Waste Management of Michigan, Inc.

Well name and number
Autumn Hills IW-1

1a. Surface location	Township	County
NE 1/4 of NW 1/4 of NW 1/4 of section 36 T 5 N R 14 W	Zeeland	Ottawa
1b. If this is a directional well, bottom hole location will be	Township	County
N/A 1/4 of 1/4 of 1/4 of section T R		

Instructions: Outline drilling unit for oil/gas wells (Part 615) or properly boundary for mineral wells (Part 625) and spot well location on plat shown. Locate the well in two directions from the nearest section, quarter section, and unit (or property, Part 625) lines.

2. The surface location is

433 ft. from nearest (N/S) North section line

742 ft. from nearest (E/W) West section line

and _____ ft. from nearest (N/S) _____ quarter section line

_____ ft. from nearest (E/W) _____ quarter section line

3. Bottom hole will be (if directional)

N/A ft. from nearest (N/S) _____ section line

N/A ft. from nearest (E/W) _____ section line

and

N/A ft. from nearest (N/S) _____ quarter section line

N/A ft. from nearest (E/W) _____ quarter section line

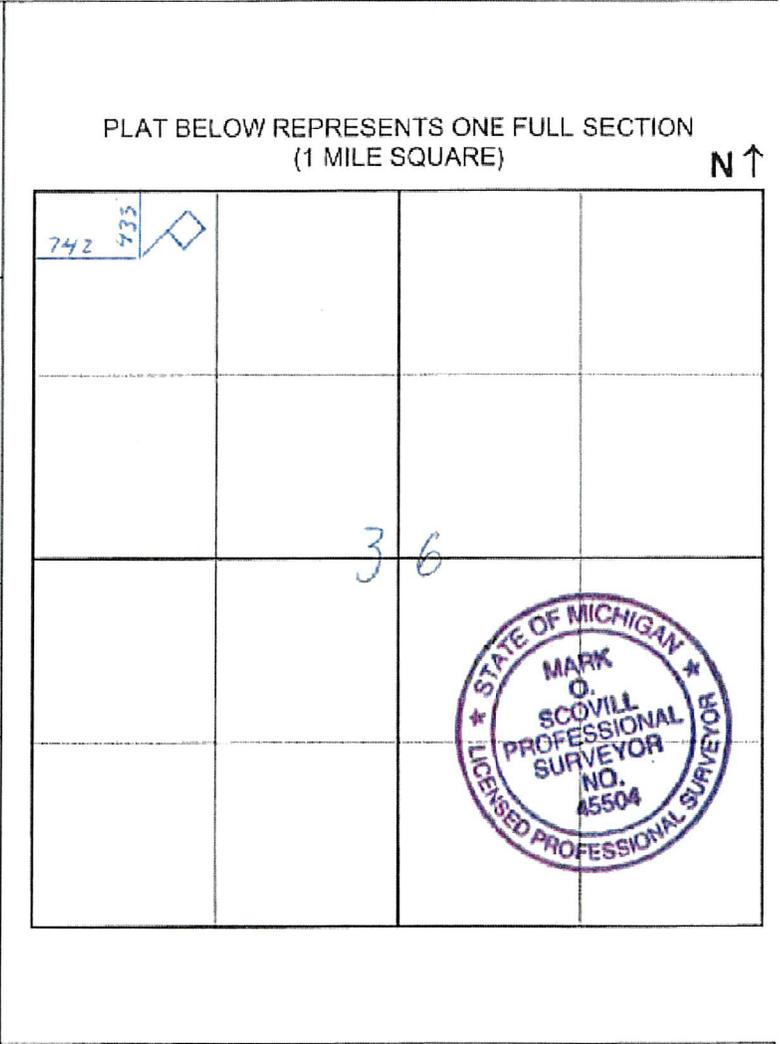
4. Bottom hole will be (directional or straight)

433 ft. from nearest (N/S) North drilling-unit line

742 ft. from nearest (E/W) West SECTION drilling-unit line

5. Show access to stake on plat and describe if it is not readily accessible.

6. Zoning Residential, effective date _____
Initial date of residential zoning _____
 Other Agricultural



ON SEPARATE PLAT OR PLOT PLAN, LOCATE, IDENTIFY AND SHOW DISTANCES TO:

- A. All roads, power lines, buildings, residences, fresh water wells, and other man-made features, within 600 feet of the stake.
- B. All lakes, streams, wetlands, drainage-ways, floodplains, environmentally sensitive areas, natural rivers, critical dune areas, and threatened or endangered species within 1320 feet of the stake.
- C. All type I and IIa public water supply wells within 2000 feet and all type IIb and III public water supply wells within 800 feet of the well stake.

Name of individual who surveyed site Mark O. Scovill P.S. #45504	Company Holland Engineering Inc.	Date of survey March 16, 2018
Address 220 Hoover Boulevard Holland, Mi.	Phone (615) 392-5938	

I CERTIFY THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Signature of licensed surveyor (affix seal) Mark O. Scovill Date Aug. 28, 2018