



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER BUREAU
GEOTHERMAL CLOSED-LOOP CONSTRUCTION NOTICE

Installation Site Information

Property Tax. No. _____		County _____		Township _____		
Latitude _____		Longitude _____		Permit Number _____		
Distance & Direction from Nearest Road Intersection _____	Street Address, City/Zip _____		Section _____	Town No. _____	Range No. _____	Intended Date of Installation _____
			Property Owner _____ Address _____ City/Zip _____ Owner Address Same as Loop Address? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Facility Type <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Other Type of building/business _____	Heat Exchanger Type <input type="checkbox"/> Vertical lineal feet _____ <input type="checkbox"/> Horizontal lineal feet _____ <input type="checkbox"/> Pond lineal feet _____	Number of Vertical Loops * _____ Loop Joining Method <input type="checkbox"/> Heat Fusion Joint <input type="checkbox"/> Electrofusion Joint <input type="checkbox"/> Other _____	Vertical Loop Piping Dimensions * Diameter _____ in. to _____ ft. depth Vertical Loop Bore Dimensions * Diameter _____ in. to _____ ft. depth			
Proposed Site Sketch Show proposed location of vertical or horizontal loop relative to buildings and other structures or landmarks on the site. Include a north arrow. (Separate site sketch may be attached.)		Closed-Loop Installer Business Name _____ License No. _____ Address _____ City/State/Zip _____ Phone Number _____ Email _____ Individual Completing Notice <input type="checkbox"/> Property Owner <input type="checkbox"/> Installer Phone Number _____ Email _____ Signature _____ Date _____				

Submit above information BEFORE installation – Submit below information & final site sketch on other side AFTER installation.

Date of Installation _____ / _____ / _____		Number of Bags of Grout _____ * Borehole Grouting Material <input type="checkbox"/> Thermal Enhanced Bentonite Slurry <input type="checkbox"/> Bentonite Slurry <input type="checkbox"/> Thermal Enhanced Cement <input type="checkbox"/> Neat Cement <input type="checkbox"/> Concrete	Formation Description * <i>Note: Completion required for vertical boreholes only.</i>	Thickness of Stratum * _____	Depth to Bottom of Stratum * _____
Pressure Testing of Completed Loop _____ psi _____ min	Heat Transfer Fluid Type: _____ Percent Solution in Water: _____ % Volume: _____ gal.				
Loop Field Latitude & Longitude <i>Note: For a loop field, please enter the latitude and longitude for all four corners of the field here:</i> NW corner: Lat _____ Lon _____ NE corner: Lat _____ Lon _____ SE corner: Lat _____ Lon _____ SW corner: Lat _____ Lon _____					
Business Name _____ License/Reg. No. _____ Address _____ City/State/Zip _____					
					Use 2 nd Sheet if Needed

ATTENTION PROPERTY OWNER: FILE WITH DEED

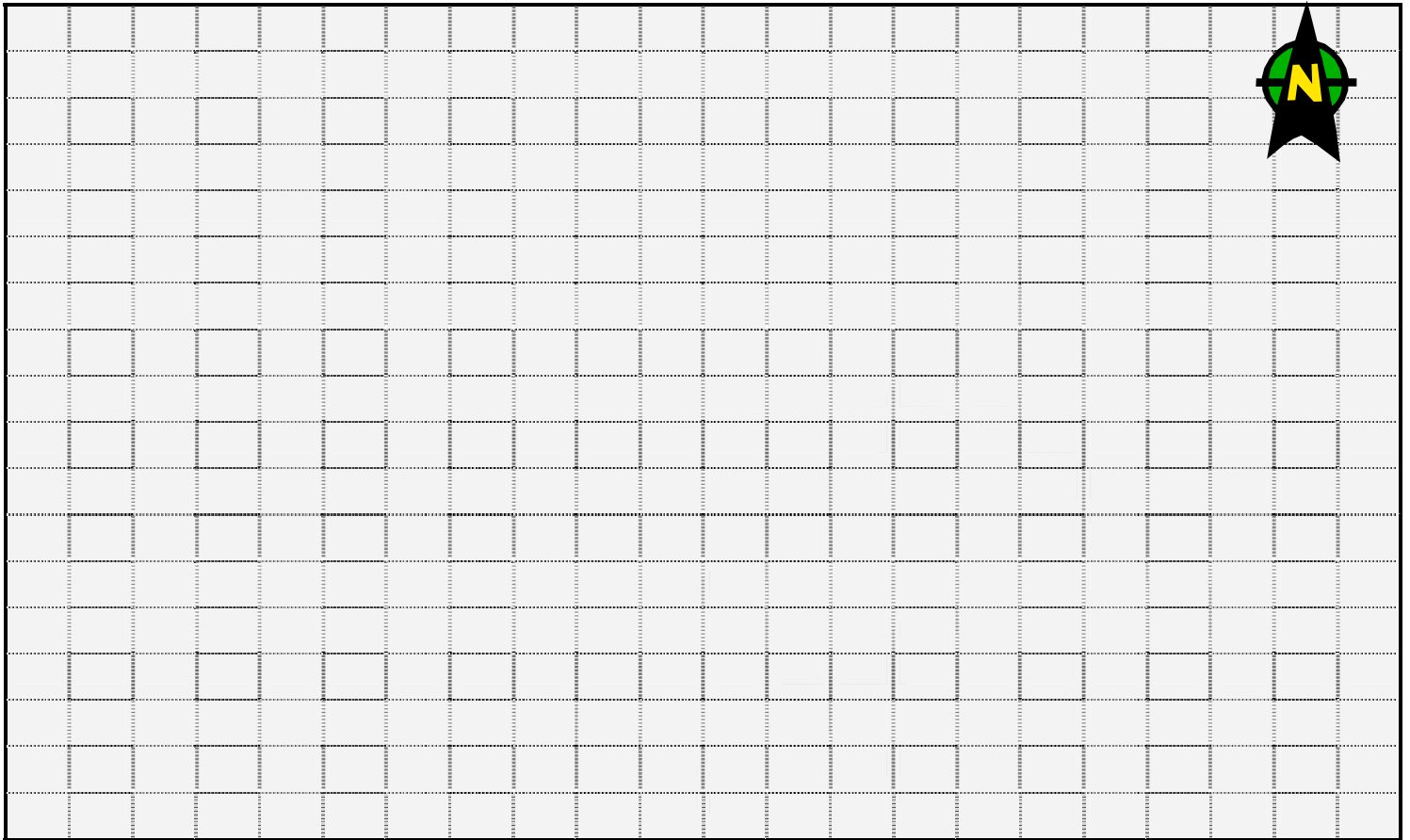
Complete Final Site Sketch on Other Side

EQP 5962

Note: Sections marked with an asterisk (*) are not required to be completed for horizontal closed-loop systems.

Final Site Sketch (Top View)

Show final location of vertical or horizontal loops with **measured distances** to permanent structures, driveways, property lines, and buried pipes and utilities.



Cross Section Sketch

Show cross section of vertical, directionally-bored or angle drilling loops with length or depth of borings, degrees of angle from horizontal, and distance from end of borings to property lines.

