

Appendix B

CUYAHOGA COUNTY BOARD OF HEALTH

YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION

Color Key for Ellendale, Berkeley, and Wiltshire Roads Spreadsheet

Purple: Updated to Current Ohio Code

Blue: Approximately 50% Chance of Passing Inspection

Yellow: Low Chance of Passing Inspection-Outdated Design

Red: Lowest Chance of Passing Inspection-Antiquated Design

5550 Venture Drive ♦ Parma, Ohio 44130

Direct: 216-201-2000 ♦ Fax: 216-676-1311 ♦ TTY: 216-676-1313 ♦ www.ccbh.net

Terrence M. Allan, R.S., M.P.H. Health Commissioner

APPENDIX B
CURRENT HSTS SYSTEMS DATA

PPN	Existing System	Install Year	Age
91223006	Multi Flo	2000	16
91223010	Multi Flo	1987	29
91223017	Filter Bed	1984	32
91223014	Jet	1991	25
91223005	Filter Bed	1971	45
91223025	Nayadic	2003	13
91222073	Nayadic	2002	14
91223013	Filter Bed	1974	42
91223029	Filter Bed	1965	51
91223009	Multi Flo	1992	24
91223007	Multi Flo	1989	27
91223028	Multi Flo	1991	25
91223015	Nayadic	2000	16
91223030	Unknown	Unknown	
91223026	Multi Flo	2000	16
91223024	Multi Flo	2000	16
91223008	Aqua safe	2004	12
91223027	Multi Flo	1999	17
91223031	Unknown	Unknown	
91223011	Enviroguard	2009	7
91223012	Filter Bed	1972	44
91222048	Filter Bed	1986	30
91222049	Multi Flo	2003	13
91222075	Multi Flo	2003	13
91222067	Filter Bed	1955	61
91222052	Norweco	1997	19
91222060	Nayadic	1998	18
91224049	Multi Flo	2005	11
91222070	Nayadic	1997	19
91224041	Enviroguard	2014	2
91222082	Multi Flo	1999	17
91222053	Nayadic	1998	18
91224031	Nayadic	1998	18
91222072	Jet	1996	20
91224024	Jet	1993	23
91224025	Multi Flo	2001	15
91222045	Jet	2002	14
91222056	Unknown Aerati	1961	55
91222046	Filter Bed	1985	31
91222050	Filter Bed	1993	23
91222066	Unknown	Unknown	
91222065	Enviroguard	2014	2
91224037	Unknown	Unknown	
91223032	Aqua safe	2004	12
91222055	Nayadic	1998	18
91224045	Jet	1996	20
91222079	Multi Flo	1999	17

APPENDIX B
CURRENT HSTS SYSTEMS DATA

PPN	Existing System	Install Year	Age
91222051	Filter Bed	1987	29
91224028	Nayadic	1998	18
91222059	Filter Bed	1990	26
91224034	Multi Flo	1989	27
91224054	Whitewater	2003	13
91222069	Jet	1992	24
91224039	Aqua safe	2013	3
91222054	Unknown Aerati	1965	51
91222057	Multi Flo	1990	26
91222062	Nayadic	1997	19
91225031	Filter Bed	1984	32
91222077	Multi Flo	1999	17
91222076	Multi Flo	2004	12
91224060	Multi Flo	1989	27
91222067	Filter Bed	1950	66
91222064	Unknown	Unknown	
91224027	Jet/Filter Bed	1985	31
91224011	Jet	1991	25
91222004	Filter Bed	1989	27
91222003	Jet	1997	19
91222029	Unknown	Unknown	
91222013	Filter Bed	1986	30
91222019	Nayadic	1999	17
91222007	Filter Bed	1988	28
91222034	Filter Bed	1977	39
91222021	Nayadic	1988	28
91222027	Nayadic	2003	13
91224009	Nayadic	1998	18
91222030	Multi Flo	1992	24
91224003	Multi Flo	1991	25
91222009	Multi Flo	1995	21
91222022	Nayadic	1998	18
91224015	Multi Flo	1994	22
91222042	Jet	1995	21
91222036	Jet	1998	18
91224006	Multi Flo	1992	24
91222005	Whitewater	2001	15
91224004	Nayadic	1999	17
91222008	Whitewater	1999	17
91224002	Multi Flo	2006	10
91222041	Unknown	1952	64
91222040	Multi Flo	2002	14
91222012	Norweco	2009	7
91222001	Jet	1998	18
91222039	Multi Flo	2009	7
91222025	Multi Flo	1998	18
91222043	Norweco	2003	13

APPENDIX B
CURRENT HSTS SYSTEMS DATA

PPN	Existing System	Install Year	Age
91222037	Filter Bed	1973	43
91222004	Norweco	2011	5
91222026	Multi Flo	1999	17
91222002	Multi Flo	1991	25
91224013	Jet	2000	16
91222032	Filter Bed	1979	37
91222031	Filter Bed	1987	29
91222016	Jet	2005	11
91224018	Multi Flo	1990	26
91222014	Nayadic	2003	13

Appendix C

**OHIO ENVIRONMENTAL PROTECTION AGENCY
FACT SHEET FOR THE DRAFT STATEWIDE GENERAL NATIONAL POLLUTANT
DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT COVERING DISCHARGES OF
SANITARY WASTEWATER FROM SELECT HOUSEHOLD SEWAGE TREATMENT
SYSTEMS**

I. Background

The Federal Water Pollution Control Act [also referred to as the Clean Water Act (CWA)], the Ohio Water Pollution Control Act and the Ohio Revised Code (ORC Chapter 6111) provide that discharge of pollutants to waters of the state from any point source is unlawful, unless the discharge is in compliance with an effective NPDES permit.

The purpose of issuing NPDES permits to discharges from select household sewage treatment systems (HSTSs) such as single family, two family or three family dwellings or residential dwellings or appurtenances as defined by Chapter 3701-29 of the Ohio Administrative Code is to ensure that any wastewater discharges from these facilities are in compliance with all applicable state and federal water pollution control laws. Also, public health and safety will be better served by having such an applicable control document.

Ohio EPA has elected to issue a statewide general permit to possibly provide coverage of discharges from select replacement, new and/or updated HSTSs in situations where on-site dispersal of the wastewaters is not an option. Part I of the general permit provides a definition of those facilities eligible for coverage under the general permit.

The limits included in this general permit are representative of the best available demonstrated control technology for sanitary wastewater discharges as outlined by Ohio EPA rules. The general permit is intended to cover any HSTS that meets the eligibility requirements and was designed to meet these limits and that would consequently have a minimal impact on the environment.

The conditions under the heading "eligibility" are very important because discharges not eligible, such as co-mingled discharge streams, HSTSs discharge proposals from newly created lots, discharges to exceptional quality waters and discharges from industrial facilities, are addressed there.

II. Description of General Permit Coverage and Type of Discharge

The permit provides potential coverage for discharges from select new, replacement or updated HSTSs serving single family, two family or three family dwellings or residential dwellings or appurtenances as defined by Chapter 3701-29 of the Ohio Administrative Code to waters of the state. The permit does not cover any discharges that the Director of the Ohio EPA has determined to be contributing to a violation of a Water Quality Standard (WQS) as determined in Ohio Administrative Code Chapter 3745-01.

For the purpose of this permit, a new discharging HSTS is one that is to serve a new residential dwelling being constructed on an existing lot only when on-site treatment is not an option as determined by OAC 3701-29: Household Sewage Treatment Rules as administered by the local board of health and meets the eligibility requirements of the general permit, including the adequate receiving stream characteristics.

A replacement HSTS is one being installed to serve an existing residential dwelling that has inadequate sewage treatment and on-site dispersal is not an option as determined by OAC 3701-29 and meets the eligibility requirements of the general permit.

An updated HSTS is one where an existing, discharging system has already been installed (prior to January 1, 2007) utilizing a system whose model has been approved by ODH to discharge in accordance with the terms and

conditions of the general HSTS permit OHK000001 absent disinfection and/or post aeration. If such a system can be modified or updated to be identical to that approved by ODH simply by adding post aeration, disinfection and/or sampling ports then it can receive coverage under this renewal NPDES permit.

III. Description of Permit Conditions

Notice of Intent - Single family, two family or three family dwellings or residential dwellings or appurtenances as defined by 3701-29-01 of the Ohio Administrative Code that will require the installation of a new or replacement HSTS with a discharge or the installation of additional components to adequately update the discharging HSTS as permissible in accordance with OAC 3701-29 shall work with the local health districts having jurisdiction to submit a Notice of Intent (NOI) application to apply for coverage under the general permit. The USEPA's regulations at 40 CFR 122.21 (a) exclude facilities covered by general permits from requirements to submit an application for an individual permit.

NOI requirements are intended to establish a mechanism that can be used to establish a clear accounting of the number of facilities covered by the general permit, their identities, locations, mailing addresses, and nature of discharge.

To apply for general permit coverage under the provisions of this general permit, local health departments will supply a completed NOI to the applicants/homeowners who will, in turn, be required to submit the NOI application form that is available from Ohio EPA, along with an application fee of \$200 for initial coverage or \$100 for renewal coverage. The NOI application form, and appropriate fees shall be submitted to the following address:

Ohio Environmental Protection Agency
Office of Fiscal Administration
P.O. Box 1049
Columbus, Ohio 43216 - 1049

Any HSTS that is granted coverage under this general permit, may be required to connect into a publicly owned treatment works during the time this permit is effective, whenever a sanitary wastewater system of a publicly owned treatment works becomes available and accessible.

IV. Eligibility Determining Factors

- 1 Except for discharges identified under item 2 below, this permit may cover point source discharges of wastewater from select new, replacement and/or updated household sewage treatment systems (HSTS) serving an individual 1, 2 or 3 family dwelling or residential dwellings or appurtenances as defined by 3701-29-01(K) of the Ohio Administrative Code as long as the following are met:
 - a. The Board of Health of the local health district having jurisdiction has signed a Memorandum of Understanding (MOU) with the Ohio EPA and ODH, as described in the general permit, in order to implement the program.
 - b. The site evaluation documentation, established in accordance with OAC 3701-29, provides justification that it is not feasible to design an alternative system that could eliminate the need for a point source discharge.
 - c. A system is designed to meet the applicable final effluent limitations and monitoring, requirements identified by the permit.
- 2 The following wastewater discharges associated with household sewage treatment systems are not eligible for coverage under this general permit:
 - a any discharge in any local health district jurisdiction whose governing Board of Health has not signed a MOU as described in item 1 above;

- b. any discharge from a household sewage treatment system permitted to be installed, by the local health department, prior to the January 1, 2007, unless that system can be updated in accordance with the provisions of this permit;
- c. any discharge that is mixed with another discharge, not covered by this permit, prior to reaching the receiving waters. If the wastewater discharge from a system does combine with another waste stream prior to reaching the receiving waters, and meets the effluent sampling capability requirement in OAC 3701-29 making it possible to sample the wastewater discharge separately, the wastewater discharge may be covered by this permit;
- d. any discharge from a new lot created after January 1, 2007;
- e. any discharge from a new or existing dwelling, where any property line and/or structure associated with the household sewage treatment system is located within 400 feet of central sewers and it is determined that the publicly owned treatment works the sewers are tributary to has capacity to accept the connection;
- f. any discharge or source that would conflict with an areawide waste treatment management plan adopted in accordance with section 208 of the Federal Water Pollution Control Act;
- g. any discharge from an existing household sewage treatment system, other than an adequately updated system in accordance with the provisions of this general permit;
- h. any discharge from a household sewage treatment system, except for a replacement or updated system meeting the eligibility criteria, to outstanding state waters, superior high quality waters or outstanding national resource waters, other than Lake Erie, as defined by and identified in rule 3745-1-05 of the Ohio Administrative Code, or direct tributaries to these waters within one mile of these waters;
- i. any discharge from a household sewage treatment system, except for a replacement or updated system meeting the eligibility criteria, to any waters of the state that are not considered a perennial stream with a watershed drainage area of at least 5 (five) square miles;
- j. any discharge from a household sewage treatment system, except for a replacement or updated system meeting the eligibility criteria, to any municipal separate storm sewer system, roadside ditch, agricultural ditch, swale or other manmade waters or drainage course.

V. Effluent Limitations and Monitoring Requirements

Effluent limitations and monitoring requirements are based on Water Quality Standards and best available demonstrated control technology for new sanitary wastewater discharges as outlined by OAC 3745-1-05.

VI. Notice of Termination

Each individual facility covered by the general permit must submit a Notice of Termination (NOT) form to terminate coverage under this permit once the wastewater discharges are eliminated. Failure to submit a NOT form constitutes a violation of the permit and is a violation of ORC 6111.

VII. Permit Justification—Antidegradation Review

The potential exists to authorize new discharges to waters of the state as a result of the issuance of this general permit. However, since the previous HSTS general NPDES permit No. OHK000001 was subject to the review, intergovernmental coordination, public participation and prohibitions of Ohio's Antidegradation Rules (OAC 3745-1-05) and this renewal HSTS general NPDES permit No. OHK000002 does not expand the potential for coverage of these new discharges, the issuance of this draft general permit is not subject to the provisions of the antidegradation rules. The draft HSTS general NPDES permit No. OHK000002 continues to provide all of the

necessary prohibitions, siting and design standards contained in the existing permit and program initiatives.