



## DIRECTOR'S JOURNAL ENTRY

### **ALL SEWAGE TREATMENT SYSTEM TREATMENT TRAINS APPROVED FOR MEETING THE EFFLUENT STANDARDS OUTLINED IN THE OHIO ENVIRONMENTAL PROTECTION AGENCY'S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMITS OHK000001 OR OHL000001 SHALL INCLUDE ADEQUATE ACCESS FOR THE COLLECTION OF EFFLUENT SAMPLES AND SAMPLING LOCATIONS SHALL MEET CERTAIN SPECIFICATIONS**

Discharging sewage treatment systems operating under the coverage of the Ohio Environmental Protection Agency's (OEPA) National Pollutant Discharge Elimination System (NPDES) General Permits OHK000001 or OHL000001 must be installed, operated, and maintained in compliance with the requirements outlined within the permit. One monitoring requirement outlined within the general permits is the annual collection and testing of grab samples from all systems installed under their coverage. Grab samples must be collected after final treatment of the effluent in a location acceptable to the Ohio Department of Health, Ohio Environmental Protection Agency, and the system manufacturer.

Household sewage treatment systems designed to meet the effluent limits outlined in the general permits have been reviewed by the Sewage Treatment System Technical Advisory Committee (TAC) and the Ohio Department of Health. With guidance from the TAC, this department has approved household sewage treatment system designs that have been proven to consistently meet the effluent limits outlined in the general permit. This review and approval process as authorized under Chapter 3718.04 of the Ohio Revised Code is intended to ensure pretreatment component reliability and effluent quality is achieved and maintained in accordance with the standards and provisions of Ohio Administrative Code (OAC) Chapter 3701-29 and the Household Sewage Treatment System General NPDES Permits.

The Sewage Treatment System Technical Advisory Committee recommended that all household sewage treatment systems approved for meeting the effluent standards outlined in the NPDES general permits include adequate access for collection of effluent samples in compliance with the monitoring requirements of the permits and that the sampling locations meet certain specifications at the July 13, 2010 meeting. With consideration to the Sewage Treatment System Technical Advisory Committee's recommendation, the Ohio Department of Health has determined that system designs approved for meeting the effluent

standards outlined in the NPDES general permits must include adequate access for the collection of effluent samples and that the following locations are acceptable for the collection when approved by the manufacturer:

### **SAMPLE PORT**

The grab samples may be collected from a free falling stream at the end of the effluent pipe in the provided inspection port. Grab samples cannot be collected from stagnant water inside the inspection port. Sample ports must meet the following specifications to allow for proper collection of grab samples:

- The sample port shall be constructed from watertight material with watertight joints,
- The inlet shall be installed at least eight inches above the bottom of the sample port,
- The sample port shall be constructed and installed in such a way as to allow for at least two inches of fall between the inlet and outlet of the sample port,
- The sample port shall have a minimum diameter of eight inches at the point of sample collection, and
- Samples shall be collected in compliance with all applicable standards and ODH provided effluent sampling guidance or other manufacturer produced, product specific effluent collection guidance

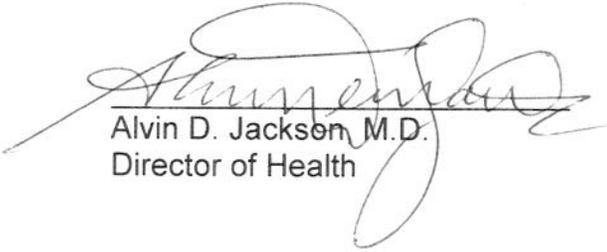
### **VALVE LOCATED WITHIN PRESSURE PIPING**

Collection of samples from a valve in the pressurized piping located within the post aeration tank is acceptable provided the manufacturer has provided written guidance for the proper collection of samples from the valve, the guidance has been posted on the Ohio Department of Health website, and the product specific guidance is followed for proper collection of effluent samples.

### **POINT OF DISCHARGE**

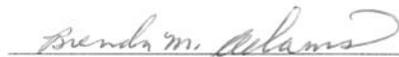
Collection of samples from the point of discharge is acceptable provided the manufacturer has submitted written guidance for the proper collection of samples from the point of discharge, the guidance has been posted on the Ohio Department of Health website, and the product specific guidance is followed for proper collection of effluent samples.

10-12-2010  
Date

  
Alvin D. Jackson, M.D.  
Director of Health

I hereby certify this to be a true and correct copy of the Journal Entry of the Director of the Ohio Department of Health.

10-13-2010  
Date

  
Custodian of the Director's Journals  
Ohio Department of Health



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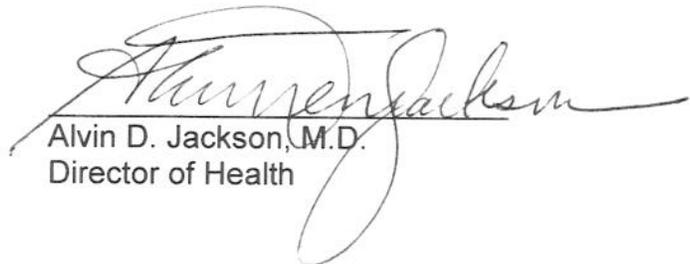
Alvin D. Jackson, M.D. / Director of Health

## DIRECTOR'S JOURNAL ENTRY

### WITHDRAWAL OF REQUIREMENT FOR A SIX INCH MINIMUM DIAMETER EXTERIOR INSPECTION PORT AS THE SYSTEM'S FINAL COMPONENT FOR ALL SEWAGE TREATMENT SYSTEM TREATMENT TRAINS APPROVED FOR MEETING THE EFFLUENT STANDARDS OUTLINED IN THE OHIO ENVIRONMENTAL PROTECTION AGENCY'S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT FOR HOUSEHOLD SEWAGE TREATMENT SYSTEMS

At their July 12, 2010 meeting, the Sewage Treatment System Technical Advisory Committee recommended that all household sewage treatment systems approved for meeting the effluent standards outlined in the NPDES general permits include adequate access for collection of effluent samples in compliance with the monitoring requirements of the permits and that the sampling locations meet certain specifications. These specifications would supersede the requirement outlined in a prior journal entry dated April 15, 2010. With consideration to the committee's recommendation, I, Alvin D. Jackson, hereby withdraw the requirement that household sewage treatment systems approved for meeting the effluent standards outlined in the NPDES general permit include a six inch minimum diameter exterior inspection port as the systems final component as designated in a prior journal entry dated April 15, 2010.

10-12-2010  
Date

  
Alvin D. Jackson, M.D.  
Director of Health

I hereby certify this to be a true and correct copy of the Journal Entry of the Director of the Ohio Department of Health.

10-13-2010  
Date

  
Custodian of the Director's Journals  
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