



Eric J. Holcomb
Governor

Lindsay M. Weaver, MD, FACEP
State Health Commissioner

July 21, 2023

William Stoddard
President
SludgeHammer Group, Ltd.
4772 S. Hwy 131, Bldg. D
Petoskey, MI 49770

Dear Mr. Stoddard,

Re: Approval of SludgeHammer Group, Ltd. Models S-400, S-600, S-800, and S-1000 NSF/ANSI Standard 40, Class 1 certified Wastewater Treatment Systems for use in residential and commercial onsite sewage systems

The SludgeHammer Group Ltd. Models S-400, S-600, S-800, and S-1000 residential wastewater treatment systems are hereby approved by the Indiana Department of Health (department), for use in Indiana as an advanced treatment product in an onsite sewage system under the provisions of 410 IAC 6-8.3-52(h), 410 IAC 6-10.1-49(h), and the *Indiana Standards for Aerobic Treatment Units* published by the department on September 8, 2015. This approval is for the use in commercial onsite sewage systems and individual residential onsite sewage systems. The conditions included in this letter are requirements for the use of the product. The approval is effective this 21ST day of July, 2023 and expires and is subject to renewal by the department no later than the 31ST day of July, 2024. This approval is subject to all conditions listed below:

The SludgeHammer Group, Ltd. Approved Wastewater Treatment System Models are limited to:

ATU Series	Model	Flow Rating (GPD)	Min. Flow (GPD)	BOD Rating (lbs/day)	BOD (mg/L)		TSS (mg/L)	
					Min.	Max.	Min.	Max.
SludgeHammer	S-400	400	100	0.58	100	300	100	350
SludgeHammer	S-600	600	150	0.87	100	300	100	350
SludgeHammer	S-800	800	200	1.16	100	300	100	350
SludgeHammer	S-1000	1000	250	1.45	100	300	100	350

To **promote**, **protect**, and **improve** the health and safety of all Hoosiers.



Each Model is approved for onsite sewage system design options 1.a; 1.c; and 2.a; *Indiana Standards for Aerobic Treatment Units*, published by the department on September 8, 2015. A design option utilizing flow equalization prior to the SludgeHammer S-400, S-600, S-800, and S-1000 wastewater treatment system requires review and approved by IDOH until such design can be delegated to the local health department staff.

- I. SludgeHammer Group, Ltd. is required to:
 - a) Submit to the department a list of tank manufacturers which manufacture tanks to house the SludgeHammer S-400, S-600, S-800, and S-1000 wastewater treatment systems.
 - b) Confirm tank connectors are provided by the manufacturer to ensure watertight pipe connections at the inlet and outlet of the treatment unit and comply with Rule 410 IAC 6-8.3 and Rule 410 IAC 6-10.1;
 - c) Certify distributors, designers, installers, service providers and those involved in the permitting of this technology;
 - d) Submit to the department a list of all certified designers, installers, distributors, and service providers for the State of Indiana on a quarterly basis the first year and annually after that; and notify the department immediately of the removal of any certified designer, installer, distributor, or service providers;
 - e) Submit for review and approval of the department any proposed changes to any system component or the Indiana Product Manuals prior to implementation of the changes;
 - f) Notify the department in writing of any scheduled training event at least 10 working days prior to the event;
 - g) Provide on-going consultation to health department staffs, designers, installers, and service providers;
 - h) Include a 2-year initial service policy to the owner by the manufacturer or the authorized representative; the cost of the initial service policy is included in the original purchase price. The initial policy will contain provisions for 4 inspection/service visits (scheduled once every 6 months over the 2-year period) during which electrical, mechanical, and other applicable components are inspected, adjusted, and serviced;
 - i) Report to the department within 30 days the failure of any owner to renew a service contract for the operation and maintenance of any onsite sewage system that includes a SludgeHammer S-400, S-600, S-800, or S-1000 wastewater treatment system.
- II. The SludgeHammer S-400, S-600, S-800, or S-1000 unit is subject to:
 - a) The SludgeHammer S-400, S-600, S-800, or S-1000 wastewater treatment system Indiana Design, Installation, Operation and Maintenance, and Owner's Manuals (February 2023 preliminary edition);
 - b) The review by the department for each individual residential project where:



1. A trash tank of less than 750-gallon capacity is proposed in lieu of a full-sized septic tank in accordance with Section IV., *Indiana Standards for Aerobic Treatment Units* published by the department on September 8, 2015, or
2. A soil absorption field of reduced size is proposed in accordance with Section VII. F., *Indiana Standards for Aerobic Treatment Units* published by the department on September 8, 2015.

Unless plan review and permit issuance has been delegated to the local health department in accordance with Section V. C., *Indiana Standards for Aerobic Treatment Units* published by the department on September 8, 2015.

- c) The applicable provisions of IDOH Rule 410 IAC 6-8.3, and IDOH Rule 410 IAC 6-10.1, including the discharge to a soil absorption field which meets all the provisions of the applicable rule, except for system sizing as allowed in Section VII. F., *Indiana Standards for Aerobic Treatment Units* published by the department on September 8, 2015;
 - d) Treating only domestic and/or residential strength wastewater;
 - e) The review by the department of each individual project when the unit will be subject to intermittent flows.
 - f) All start-up and shut down procedures must be carried out by a certified service provider after local health department notification and consultation.
 - g) The applicable provisions of *Indiana Standards for Aerobic Treatment Units* published by the department on September 8, 2015; and
 - h) The provisions and criteria identified in this approval letter.
- III. The SludgeHammer S-400, S-600, S-800, or S-1000 wastewater treatment system distributor, designer, installer, service provider, and those involved in permitting is subject to:
- a) SludgeHammer Certification; and
 - b) Maintaining a status of good standing with SludgeHammer Group, Ltd.

This approval may be revoked or modified by the department for non-compliance, or if it is documented that it would not be in the best interests of public health for approvals to continue. If you wish to request administrative review of this *Approval* pursuant to Indiana Code 4-21.5-3-5, you must file a petition for review within fifteen (15) days after this *Approval* is received.

The petition for review must be in writing and must include facts demonstrating that:

- The petitioner is a person to whom the *Approval* is specifically directed;
- The petitioner is aggrieved or adversely effected by the *Approval*; or
- The petitioner is entitled to review under any law.

Any petition for review should be submitted in writing to the State of Indiana Office of Administrative Law Proceedings in one of the following ways:



1. Go online to www.in.gov/oalp and complete a Petition for Review (State Form 56961 (5-20));
2. Mail your petition for review to the Office of Administrative Law Proceedings at 100 N. Senate Avenue, Suite N-802, Indianapolis, Indiana 46204; or
3. Appear in person at the Office of Administrative Law Proceedings at 100 N. Senate Avenue Suite N-802, Indianapolis, Indiana 46204, and file your petition for review. You will need this document to complete your petition.

If you do not object to this product submittal approval, you do not need to take any further action.

Sincerely,

Michael Mettler, REHS
Director
Environmental Public Health Division
317/233-7183
mmettler@health.in.gov