

NUTRIENT-PATHOGEN

DEFINITION(S) - *None*

POLICY

It is the policy of Central District Health (CDH) to require demonstration from developers/applicants who propose subsurface sewage disposal systems for development in areas the Idaho Department of Environmental Quality (IDEQ) has designated as Nitrate Priority Areas to ensure the proposed subsurface sewage disposal system(s) for the site or development will not impact human health by significantly impacting the quality of ground water and/or surface water within the State of Idaho. The demonstration will follow the Nutrient Pathogen Evaluation Program for On-Site Wastewater Treatment Systems prepared by IDEQ.

Contact: *Community and Environmental Health Division Administrator*

Original: *April 1994*

Reviewed/Revised: *December 8, 1997, December 2, 2005, May 19, 2006, February 13, 2009, May 29, 2015, July 27, 2018, January 14, 2020, December 21, 2021*

Procedure(s): *Nutrient Pathogen Study Required*
Nutrient Pathogen Study Not Required
Nutrient Pathogen Study Submittal Process

Appendix(ices): *None*

Form(s): *None*

Additional Reference(s): *Nitrate Priority Areas <https://mapcase.deq.idaho.gov/npa/>*
Nutrient Pathogen Evaluation <http://www.deq.idaho.gov/water-quality/wastewater/septic-systems/nutrient-pathogen-evaluations/>

Nutrient Pathogen approved:



Rob Howarth; Division Administrator

12/22/21

Date

PROCEDURE – NUTRIENT-PATHOGEN STUDY REQUIRED

CDH requires a nutrient pathogen study for the following types of developments when on-site wastewater treatment systems are proposed and the development is to be built in an IDEQ designated Nitrate Priority Area.

1. Platted subdivisions of five or more lots as defined by local city or county planning and zoning authority where minimum buildable lot size is less than five acres.
2. Commercial Facilities generating 600 gallons or more of wastewater per day where the minimum buildable lot size is less than five acres.
3. Proposed lot splits or accessory dwellings in platted subdivisions that result in additional wastewater flows not previously evaluated in the nutrient-pathogen study used to approve the development.
4. CDH may also require a nutrient pathogen study (as prescribed by the IDEQ guidance document) on parcels of land where unusual conditions or circumstances give rise to concern about surface and/or ground water quality.

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PROCEDURE – NUTRIENT- PATHOGEN STUDY NOT REQUIRED

CDH will not require a nutrient-pathogen study for a proposed accessory structure in a platted subdivision located in a IDEQ designated Nitrate Priority Area for a parcel that was not subject to a nutrient-pathogen study when sanitary restrictions were lifted.

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PROCEDURE – NUTRIENT- PATHOGEN STUDY SUBMITAL PROCESS

The following process will be followed when a proposal is submitted to CDHD for a subdivision and/or lot splits as defined in Procedure Nutrient-Pathogen Study Required.

1. A pre-development meeting with CDH must take place if site-specific soil, ground water, or surface water data are to be collected in support of the nutrient-pathogen study. IDEQ representatives may also be requested to attend the pre-development meeting.
2. If the development is required to conduct a nutrient-pathogen study, two (2) hard copies or one (1) electronic copy shall be submitted to CDH. CDH will forward one (1) copy to IDEQ for review.
3. For subdivisions proposing community, central, or large soil absorption systems, or subdivisions where CDH is requiring a nutrient-pathogen study that borders permanent or intermittent surface water that is hydraulically connected to ground water, a pre-development meeting must take place between the applicant/consultants, IDEQ and CDH, prior to any submittal.
4. The nutrient-pathogen study will be reviewed by both CDH and IDEQ, with the Land Development Supervisor and/or the Land Development Senior Environmental Health Specialist being the primary contact to IDEQ.
5. Once the nutrient-pathogen study is approved, a letter of approval will be sent to the consultant and developer by CDH.
6. The following note shall be placed on the plat for subdivisions required to utilize nutrient-reducing systems. “Central District Health requires nutrient-reducing systems capable of achieving __mg/L Total Nitrogen on lots __through __.”

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