

App# 2016-000420

**AITKIN COUNTY**  
**CERTIFICATE OF INSTALLATION/NOTICE OF NONCOMPLIANCE**

This certificate of installation/notice of noncompliance has been issued this 26 day of August, 2016 to certify compliance/noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: \_\_\_\_\_  
Sec # 21-0-048500  
10 AC of SE-SE in Doc 433265

Section 29 Township 45 Range 25 Lake \_\_\_\_\_  
PERMIT NO. 420/41 Owner Name Harvey Boyd  
Address 23229 Hwy 47  
Installer Name Greg Westlund  
Type of System Inspected 3 Bed Mound  
Parcel Number 21-0-048500

The certificate of installation/notice of noncompliance was based on No 1 of the following:

- 1) Inspection of the installation or construction as in accordance with the above referenced permit and application design.
- 2) Review of as-built plans submitted in accordance with Subdivision 9.2 D of Aitkin County's Subsurface Sewage Treatment System Ordinance.

If the above permitted subsurface sewage treatment system is in noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance, then the following shall serve as a Notice of Violation:

- 1) Statement of the findings of fact through inspections or investigations: \_\_\_\_\_
- 2) List of specific violations of Ordinance: \_\_\_\_\_
- 3) Requirements for correction or removal of violations: \_\_\_\_\_
- 4) Time schedule for compliance: \_\_\_\_\_

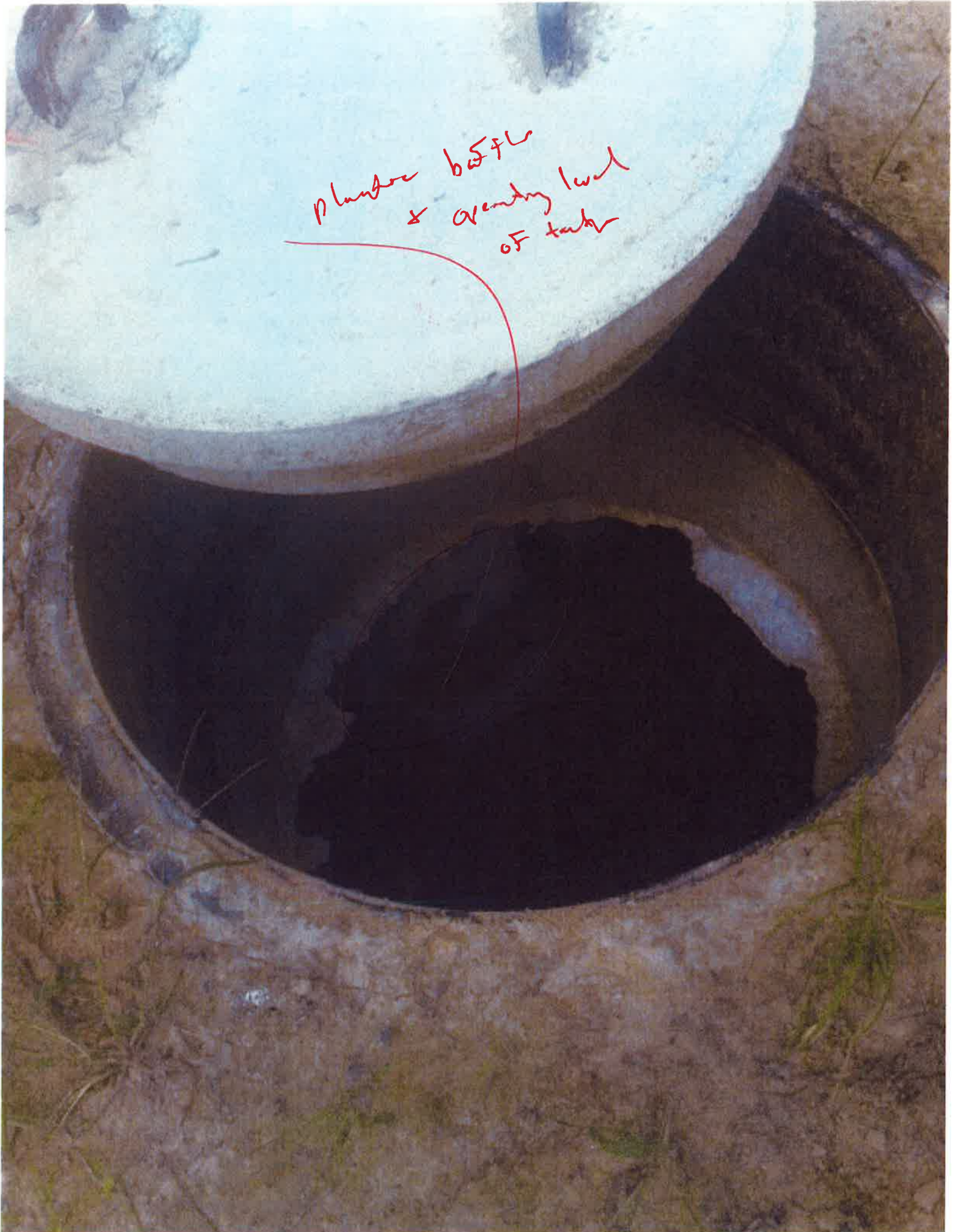
Failure to correct or remove the above violation(s) will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action, which may result in revocation of licenses or registrations, fines and/or imprisonment.

INSPECTOR SIGNATURE 





plumbed baffle  
& venting level  
of tank









### FIELD EVALUATION SHEET

PRELIMINARY EVALUATION DATE 4/16/16 FIELD EVALUATION DATE 4/16/16  
 PROPERTY OWNER: Harvey Boyd PHONE 715-220-9000  
 ADDRESS: 23229 Hwy 47 CITY, STATE, ZIP: Aitkin MN 56431  
 LEGAL DESCRIPTION: 10 AC of SE-SE in Doc 433265  
 PIN# 21-0-048500 SEC 29 T 45 R 25 TWP NAME Malmö  
 FIRE# \_\_\_\_\_ LAKE/RIVER \_\_\_\_\_ LAKE CLASS \_\_\_\_\_ OHWL \_\_\_\_\_ FT.

#### DESCRIPTION OF SOIL TREATMENT AREAS

	AREA #1	AREA #2	REFERENCE BM ELEV. <u>100</u> FT.
DISTURBED AREAS	YES _____ NO <input checked="" type="checkbox"/>	YES _____ NO <input checked="" type="checkbox"/>	REFERENCE BM DESCRIPTION _____
COMPACTED AREAS	YES _____ NO <input checked="" type="checkbox"/>	YES _____ NO <input checked="" type="checkbox"/>	<u>Ground at</u>
FLOODING	YES _____ NO <input checked="" type="checkbox"/>	YES _____ NO <input checked="" type="checkbox"/>	<u>NW corner of</u>
RUN ON POTENTIAL	YES _____ NO <input checked="" type="checkbox"/>	YES _____ NO <input checked="" type="checkbox"/>	<u>House</u>
SLOPE %	<u>21</u>	<u>2</u>	_____
DIRECTION OF SLOPE	<u>N</u>	<u>N</u>	_____
LANDSCAPE POSITION	<u>Crest</u>	<u>Slope</u>	_____
VEGETATION TYPES	<u>Wooded</u>	<u>Wooded</u>	_____

DEPTH TO STANDING WATER OR MOTTLED SOIL: BORING# 1 18", 1A 18", 2 18", 2A 17"

BOTTOM ELEVATION—FIRST TRENCH OR BOTTOM OF ROCK BED: #1 \_\_\_\_\_ FT., #2 \_\_\_\_\_ FT.

SOIL SIZING FACTOR: SITE #1 1.27, SITE #2 1.27

#### CONSTRUCTION RELATED ISSUES:

LIC# 663 SITE EVALUATOR SIGNATURE: Greg Westerlund  
 SITE EVALUATOR NAME: Greg Westerlund TELEPHONE# 218-839-9460  
 LUG REVIEW RA DATE 6/7/16

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

#### SOIL BORING LOGS ON REVERSE SIDE

**INDIVIDUAL SEWAGE TREATMENT SYSTEM INSPECTION FORM  
AITKIN COUNTY, MINNESOTA**

Township Malmo Date of Inspection 8/26/2016 Permit Number 42014

Owner Harvey Boyd Parcel Number 21-0-048500

Project Address 23229 st Hwy 47 Installer Greg Westlund

City Aitkin Zip Code 56431

New  Repair

**SETBACKS:**

Buildings to tank(s) 25' 26'-24'  
Buildings to drainfield 23'  
Well(s) 50' or 100' Deep well 71'  
Lake/Creek/Wetland None

**SEPTIC TANKS:** New  Existing   
Number of tanks installed 1  
Liquid capacity and type 1,000  
Type of baffle Plastic  
Inspection pipes Manhole 3  
Manholes size \_\_\_\_\_  
Manhole to grade Yes  No

**PUMPS:** New  Existing   
Tank capacity and type 500  
Pump manufacturer & model # Lemstone  
Horsepower & GPM 33.3 GPM  
Feet of head 15  
Gallons per cycle 40 121 Gallons per base  
Size of discharge line 2"  
Type & location of alarm electrical  
Water meter no

**DIST. or DROP BOX & TYPE** \_\_\_\_\_

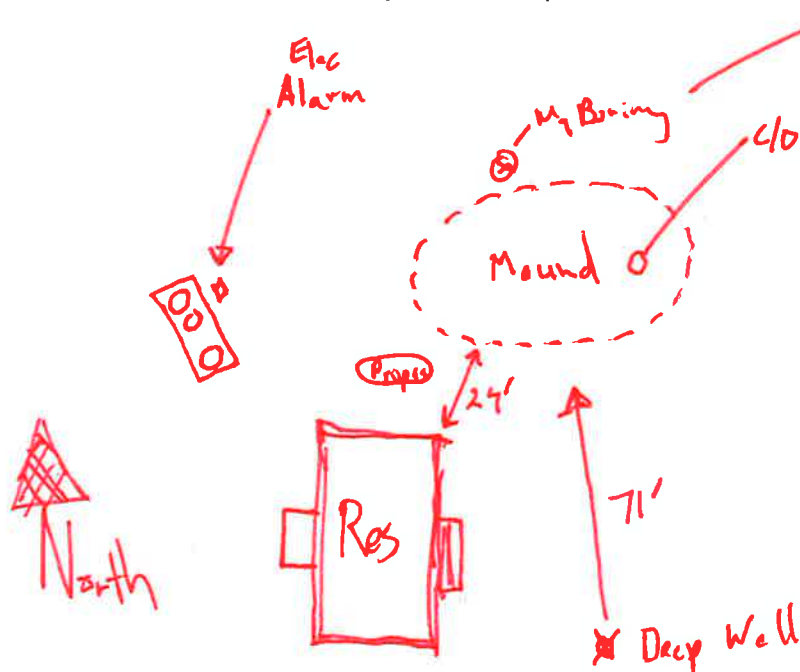
**TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:**

Trench depth \_\_\_\_\_  
Trench length \_\_\_\_\_  
Trench bottom width \_\_\_\_\_  
Trench spacing \_\_\_\_\_  
Drainfield rock below pipe \_\_\_\_\_  
Size of gravelless pipe \_\_\_\_\_  
Depth of backfill \_\_\_\_\_  
Absorption area: square feet \_\_\_\_\_  
lineal feet \_\_\_\_\_

**MOUNDS:**

Percent slope ≈ 1% or less  
Upslope dike width 14  
Downslope dike width 14  
Sideslope dike width 14  
Drainfield rock below pipe \_\_\_\_\_  
Depth of sand below rock 1.5 FT  
Perforation size & spacing per design  
Pipe size & spacing per design  
Dimensions of rock bed 18 10x33  
Dimensions of sand base 38x66  
Final cover Established

**DRAWING OF SYSTEM: (include soils)**



- 8" loam 10yr 3/2  
 8-18" subloam 10yr 4/4  
 19 - Redox  
 8/26/16 partly cloudy

Inspector's Comments: Lead outlet appears to be clearing very large red oak around base of new mound

Inspector's Signature \_\_\_\_\_ Installer's Signature \_\_\_\_\_