

## DISCLOSURE STATEMENT: SELLER'S PROPERTY DISCLOSURE STATEMENT

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1. Date June 15, 2022
2. Page 1 of \_\_\_\_\_ pages: RECORDS AND
3. REPORTS, IF ANY, ARE ATTACHED AND MADE A
4. PART OF THIS DISCLOSURE

5. **THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.**

6. **NOTICE:** This Disclosure Statement satisfies the disclosure requirements of MN Statutes 513.52 through 513.60.  
 7. Under Minnesota law, sellers of residential property, with limited exceptions listed on page nine (9), are obligated to  
 8. disclose to prospective buyers all material facts of which Seller is aware that could adversely and significantly affect  
 9. an ordinary buyer's use or enjoyment of the property or any intended use of the property of which Seller is aware.  
 10. MN Statute 513.58 requires Seller to notify buyer in writing as soon as reasonably possible, but in any event before  
 11. closing, if Seller learns that Seller's disclosure was inaccurate. Seller is obligated to continue to notify Buyer, in writing,  
 12. of any facts disclosed here (new or changed) of which Seller is aware that could adversely and significantly affect the  
 13. Buyer's use or enjoyment of the property or any intended use of the property that occur up to the time of closing.  
 14. Seller has disclosure alternatives allowed by MN Statutes. See Disclosure Statement: Seller's Disclosure Alternatives  
 15. form for further information regarding disclosure alternatives. This disclosure is not a warranty or a guarantee of any  
 16. kind by Seller or licensee(s) representing or assisting any party in the transaction and is not a substitute for  
 17. any inspections or warranties the party(ies) may wish to obtain.

18. For purposes of the seller disclosure requirements of MN Statutes 513.52 through 513.60:

19. "Residential real property" or "residential real estate" means property occupied as, or intended to be occupied as, a  
 20. single-family residence, including a unit in a common interest community as defined in MN Statute 515B.1-103,  
 21. clause (10), regardless of whether the unit is in a common interest community not subject to chapter 515B.

22. The seller disclosure requirements of MN Statutes 513.52 through 513.60 apply to the transfer of any interest in  
 23. residential real estate, whether by sale, exchange, deed, contract for deed, lease with an option to purchase, or any  
 24. other option.

25. **INSTRUCTIONS TO BUYER:** Buyers are encouraged to thoroughly inspect the property personally or have it  
 26. inspected by a third party, and to inquire about any specific areas of concern. **NOTE:** If Seller answers "NO" to any of  
 27. the questions listed below, it does not necessarily mean that it does not exist on the property, did not occur, or does  
 28. not apply. "NO" may mean that Seller is unaware.

29. **INSTRUCTIONS TO SELLER:** (1) Complete this form yourself. (2) Consult prior disclosure statement(s) and/or  
 30. inspection report(s) when completing this form. (3) Describe conditions affecting the property to the best of your  
 31. knowledge. (4) Attach additional pages, with your signature, if additional space is required. (5) Answer all questions.  
 32. (6) If any items do not apply, write "NA" (not applicable).

33. Property located at 4080 Bayside Road

34. City of Orono, County of Hennepin

35. State of Minnesota, Zip Code 55359 ("Property").

36. **A. GENERAL INFORMATION:** The following questions are to be answered to the best of Seller's knowledge.

37. (1) What date did you  Acquire  Build the home? October 1991  
.....(Check one).....

38. (2) Type of title evidence:  Abstract  Registered (Torrens)  Unknown

39. Location of Abstract: \_\_\_\_\_

40. Is there an existing Owner's Title Insurance Policy?  Yes  No

41. (3) Have you occupied this home continuously during your ownership?  Yes  No

42. If "No," explain: \_\_\_\_\_

43. (4) Is the home suitable for year-round use?  Yes  No

44. (5) Are you in possession of prior seller's disclosure statement(s)? (If "Yes," please attach.)  Yes  No

45. (6) Does the Property include a manufactured home?  Yes  No

46. If "Yes," HUD #(s) is/are \_\_\_\_\_

47. Has the title been surrendered to the Registrar of Motor Vehicles for cancellation?  Yes  No

**49. THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.**

50. Property located at 4080 Buyside Road Orono

51. (7) Is the Property located on a public or a private road?  Public  Private  Public; no maintenance

52. (8) Flood Insurance: All properties in the state of Minnesota have been assigned a flood zone designation. Some  
53. flood zones may require flood insurance.

54. (a) Do you know which zone the Property is located in?  Yes  No

55. If "Yes," which zone? \_\_\_\_\_

56. (b) Have you ever had a flood insurance policy?  Yes  No

57. If "Yes," is the policy in force?  Yes  No

58. If "Yes," what is the annual premium? \$ \_\_\_\_\_

59. If "Yes," who is the insurance carrier? \_\_\_\_\_

60. (c) Have you ever had a claim with a flood insurance carrier or FEMA?  Yes  No

61. If "Yes," please explain: \_\_\_\_\_

62. \_\_\_\_\_

63. **NOTE:** Whether or not Seller currently carries flood insurance, it may be required in the future. Flood insurance  
64. premiums are increasing, and in some cases will rise by a substantial amount over the premiums  
65. previously charged for flood insurance for the Property. As a result, Buyer should not rely on the  
66. premiums paid for flood insurance on this Property previously as an indication of the premiums that  
67. will apply after Buyer completes their purchase.

68. Are there any

69. (9) encroachments?  Yes  No

70. (10) association, covenants, historical registry, reservations, or restrictions, that affect  
71. or may affect the use or future resale of the Property?  Yes  No

72. (11) governmental requirements or restrictions that affect or may affect the use or future  
73. enjoyment of the Property (e.g., shoreland restrictions, non-conforming use, etc.)?  Yes  No

74. (12) easements, other than utility or drainage easements?  Yes  No

75. (13) Please provide clarification or further explanation for all applicable "Yes" responses in Section A:  
76. \_\_\_\_\_  
77. \_\_\_\_\_

78. **B. GENERAL CONDITION:** To your knowledge, have any of the following conditions previously existed or do they  
79. currently exist on the Property?

80. (ANSWERS APPLY TO ALL STRUCTURES, SUCH AS GARAGE AND OUTBUILDINGS.)

81. (1) Has there been any damage by wind, fire, flood, hail, or other cause(s)?  Yes  No

82. If "Yes," give details of what happened and when:

83. Hail damage - Asphalt roof redone 2003

84. (2) Have you ever had an insurance claim(s) against your Homeowner's  
85. Insurance Policy?  Yes  No


86. If "Yes," what was the claim(s) for (e.g., hail damage to roof)?

87. Front of house Stucco redone (4 car garage area) due to eggings 2012

88. Did you receive compensation for the claim(s)?  Yes  No

89. If you received compensation, did you have the items repaired?  Yes  No

90. What dates did the claim(s) occur? 2012 approx

MIN:DS:SPDS-2 (8/21) Also an outdoor water spout cracked and flooded the 2002 finished lower level - everything was replaced and the water spout removed 

**92. THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.**

93. Property located at 4080 Bayside Road Orond

94. (3) (a) Has/Have the structure(s) been altered?  
95. (e.g., additions, altered roof lines, changes to load-bearing walls)  Yes  No  
96. If "Yes," please specify what was done, when, and by whom (owner or contractor):

97. \_\_\_\_\_  
98. \_\_\_\_\_

99. (b) Has any work been performed on the Property? (e.g., additions to the  
100. Property, wiring, plumbing, retaining wall, general finishing)  Yes  No  
101. If "Yes," please explain:

102. 1996 Added newer portion of the house with 4 car garage

103. (c) Are you aware of any work performed on the Property for which  
104. appropriate permits were not obtained?  Yes  No  
105. If "Yes," please explain:

106. \_\_\_\_\_

107. (4) Has there been any damage to flooring or floor covering?  Yes  No  
108. If "Yes," give details of what happened and when:  
109. \_\_\_\_\_

110. (5) Do you have or have you previously had any pets?  Yes  No  
111. If "Yes," indicate type Dog and cat, many years ago and number 1

112. (6) **THE FOUNDATION:** The type of foundation is (i.e., block, poured, wood, stone, other):  
113. Block

114. (7) **THE BASEMENT, CRAWLSPACE, SLAB:** Original

115. (a) cracked floor/walls?  Yes  No (e) leakage/seepage?  Yes  No  
116. (b) drain tile problem?  Yes  No (f) sewer backup?  Yes  No  
117. (c) flooding?  Yes  No (g) wet floors/walls?  Yes  No  
118. (d) foundation problem?  Yes  No (h) other? \_\_\_\_\_  Yes  No

119. Give details to any questions answered "Yes":  
120. Cracks have been there since purchase old foundation  
121. No drain tile or sub pump at old foundation

122. (8) **THE ROOF:**

123. (a) What is the age of the roofing material? Asphalt & cedar (1996)  
124. Home: 25 years Garage(s)/Outbuilding(s): \_\_\_\_\_ years Addition completed 1996  
Original home 1947 - completely remodeled

125. (b) Has there been any interior or exterior damage?  Yes  No  
126. (c) Has there been interior damage from ice buildup?  Yes  No  
127. (d) Has there been any leakage?  Yes  No  
128. (e) Have there been any repairs or replacements made to the roof?  Yes  No

129. Give details to any questions answered "Yes":  
130. \_\_\_\_\_

**132. THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.**

133. Property located at 4080 Bayside Road Ornd

134. (9) **THE EXTERIOR AND INTERIOR WALLS/SIDING/WINDOWS:**

135. (a) The type(s) of siding is (e.g., vinyl, stucco, brick, other): Stucco, brick; rock

136. (b) cracks/damage?  Yes  No

137. (c) leakage/seepage?  Yes  No

138. (d) other?  Yes  No

139. Give details to any questions answered "Yes":

140.

**141. C. APPLIANCES, HEATING, PLUMBING, ELECTRICAL, AND OTHER MECHANICAL SYSTEMS:**

142. **NOTE:** Check "NA" if the item is not physically located on the Property. Check "Yes" for items in working condition. Check "No" for items not in working condition. Working order means all components of the items specified below.

		Working Order			Working Order	
	NA	Yes	No	NA	Yes	No
147. Air-conditioning.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pool and equipment.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
148. <input checked="" type="checkbox"/> Central <input type="checkbox"/> Wall <input type="checkbox"/> Window				Propane tank.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
149. Air exchange system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rented <input type="checkbox"/> Owned		
150. Carbon monoxide detector.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Range/oven.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
151. Ceiling fan.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Range hood.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
152. Central vacuum.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refrigerator.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
153. Clothes dryer.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Security system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
154. Clothes washer.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rented <input type="checkbox"/> Owned		
155. Dishwasher.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Smoke detectors (battery).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
156. Doorbell.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Smoke detectors (hardwired).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
157. Drain tile system <u>rewire addition</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Solar collectors.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
158. Electrical system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sump pump.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
159. Environmental remediation system.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Toilet mechanisms.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
160. (e.g., radon, vapor intrusion)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trash compactor.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
161. Exhaust system.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	TV antenna system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
162. Fire sprinkler system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TV cable system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
163. Fireplace.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TV receiver.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
164. Fireplace mechanisms.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	TV satellite dish.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
165. Freezer.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rented <input checked="" type="checkbox"/> Owned		
166. Furnace humidifier.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water heater.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
167. Garage door auto reverse.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water purification system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
168. Garage door opener.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rented <input checked="" type="checkbox"/> Owned		
169. Garage door opener remote.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water softener.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
170. Garbage disposal.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Rented <input checked="" type="checkbox"/> Owned		
171. Heating system (central).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water treatment system.....	<input type="checkbox"/>	<input type="checkbox"/>
172. Heating system (supplemental).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rented <input checked="" type="checkbox"/> Owned		
173. Incinerator.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Windows.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
174. Intercom.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Window treatments.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
175. Invisible fence.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wood-burning stove.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
176. Lawn sprinkler system.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other.....	<input type="checkbox"/>	<input type="checkbox"/>
177. Microwave.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other.....	<input type="checkbox"/>	<input type="checkbox"/>
178. Plumbing.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other.....	<input type="checkbox"/>	<input type="checkbox"/>

181. THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.

182. Property located at 4080 Bayside Road Orono

183. Are there any items or systems on the Property connected or controlled wirelessly,  
 184. via internet protocol ("IP"), to a router or gateway or directly to the cloud?  Yes  No

185. Comments regarding issues in Section C:  
 186. \_\_\_\_\_

187. **D. SUBSURFACE SEWAGE TREATMENT SYSTEM DISCLOSURE:**  
 188. (A subsurface sewage treatment system disclosure is required by MN Statute 115.55.) (Check appropriate box.)  
 189. Seller  **DOES**  **DOES NOT** know of a subsurface sewage treatment system on or serving the above-described  
 -----(Check one.)-----  
 190. real Property. (If answer is **DOES**, and the system does not require a state permit, see Disclosure Statement:  
 191. Subsurface Sewage Treatment System.)  
 192.  There is an abandoned subsurface sewage treatment system on the above-described real Property.  
 193. (See Disclosure Statement: Subsurface Sewage Treatment System.)

194. **E. PRIVATE WELL DISCLOSURE:** (A well disclosure and Certificate are required by MN Statute 1031.235.)  
 195. (Check appropriate box(es).)  
 196.  Seller does not know of any wells on the above-described real Property.  
 197.  There are one or more wells located on the above-described real Property. (See Disclosure Statement: Well.)  
 198.  This Property is in a Special Well Construction Area.  
 199.  There are wells serving the above-described Property that are not located on the Property.  
 200. (1) How many properties or residences does the shared well serve? \_\_\_\_\_  
 201. (2) Is there a maintenance agreement for the shared well?  Yes  No  
 202. If "Yes," what is the annual maintenance fee? \$ \_\_\_\_\_

203. **F. PROPERTY TAX TREATMENT:**  
 204. **Preferential Property Tax Treatment**  
 205. Is the Property subject to any preferential property tax status or any other credits  
 206. affecting the Property? (e.g., Disabled Veterans' Benefits, Disability, Green Acres,  
 207. Non-Profit Status, RIM, Rural Preserve, etc.)  Yes  No  
 208. If "Yes," would these terminate upon the sale of the Property?  Yes  No  
 209. Explain:  
 210. \_\_\_\_\_

211. **G. FOREIGN INVESTMENT IN REAL PROPERTY TAX ACT ("FIRPTA"):** Section 1445 of the Internal Revenue Code  
 212. provides that a transferee ("Buyer") of a United States real property interest must be notified in writing and must  
 213. withhold tax if the transferor ("Seller") is a foreign person and no exceptions from FIRPTA withholding apply.  
 214. Seller represents that Seller  **IS**  **IS NOT** a foreign person (i.e., a non-resident alien individual, foreign corporation,  
 -----(Check one.)-----  
 215. foreign partnership, foreign trust, or foreign estate) for purposes of income taxation. This representation shall  
 216. survive the closing of any transaction involving the Property described here.  
 217. **NOTE:** If the above answer is "IS," Buyer may be subject to income tax withholding in connection with the  
 218. transaction (unless the transaction is covered by an applicable exception to FIRPTA withholding). In non-  
 219. exempt transactions, Buyer may be liable for the tax if Buyer fails to withhold.  
 220. If the above answer is "IS NOT," Buyer may wish to obtain specific documentation from Seller ensuring  
 221. Buyer is exempt from the withholding requirements as prescribed under Section 1445 of the Internal  
 222. Revenue Code.  
 223. Due to the complexity and potential risks of failing to comply with FIRPTA, including Buyer's responsibility  
 224. for withholding the applicable tax, Buyer and Seller should **seek appropriate legal and tax advice regarding**  
 225. **FIRPTA compliance, as the respective licensees representing or assisting either party will be unable to**  
 226. **assure either party whether the transaction is exempt from the FIRPTA withholding requirements.**

228. THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.

229. Property located at 4080 Bayside Road Orono, MN

230. H. METHAMPHETAMINE PRODUCTION DISCLOSURE:

231. (A Methamphetamine Production Disclosure is required by MN Statute 152.0275, Subd. 2 (m).)

232.  Seller is not aware of any methamphetamine production that has occurred on the Property.

233.  Seller is aware that methamphetamine production has occurred on the Property.

234. (See Disclosure Statement: Methamphetamine Production.)

235. I. NOTICE REGARDING AIRPORT ZONING REGULATIONS: The Property may be in or near an airport safety zone with zoning regulations adopted by the governing body that may affect the Property. Such zoning regulations are filed with the county recorder in each county where the zoned area is located. If you would like to determine if such zoning regulations affect the Property, you should contact the county recorder where the zoned area is located.

240. J. NOTICE REGARDING CARBON MONOXIDE DETECTORS: MN Statute 299F.51 requires Carbon Monoxide Detectors to be located within ten (10) feet from all sleeping rooms. Carbon Monoxide Detectors may or may not be personal property and may or may not be included in the sale of the home.

243. K. CEMETERY ACT: The following questions are to be answered to the best of Seller's knowledge.

244. MN Statute 307.08 prohibits any damage or illegal molestation of human remains, burials or cemeteries. A person who intentionally, willfully and knowingly destroys, mutilates, injures, disturbs, or removes human skeletal remains or human burial grounds is guilty of a felony.

247. Are you aware of any human remains, burials, or cemeteries located on the Property?  Yes  No

248. If "Yes," please explain: \_\_\_\_\_

249. All unidentified human remains or burials found outside of platted, recorded or identified cemeteries and in contexts which indicate antiquity greater than 50 years shall be dealt with according to the provisions of MN Statute 307.08, Subd. 7.

252. L. ENVIRONMENTAL CONCERNS: To your knowledge, have any of the following previously existed or do they currently exist on the Property?

254. (1) Animal/Insect/Pest Infestation?  Yes  No (6) Lead? (e.g., paint, plumbing)  Yes  No

255. (2) Asbestos?  Yes  No (7) Mold?  Yes  No

256. (3) Diseased trees?  Yes  No (8) Soil problems?  Yes  No

257. (4) Formaldehyde?  Yes  No (9) Underground storage tanks?  Yes  No

258. (5) Hazardous waste/substances?  Yes  No (10) Vapor intrusion?  Yes  No

259. (11) Other? \_\_\_\_\_  Yes  No

260. (12) Have you ever been contacted or received any information from any governmental authority pertaining to possible or actual environmental contamination (e.g., vapor intrusion, drinking water, and/or soil contamination, etc.) affecting the Property?  Yes  No

263. (13) Are you aware if there are currently, or have previously been, any orders issued on the Property by any governmental authority ordering the remediation of a public health nuisance on the Property?  Yes  No

266. If answer above is "Yes," all orders  HAVE  HAVE NOT been vacated. (Check one.)

267. (14) Please provide clarification or further explanation for all applicable "Yes" responses in Section L. Pests only  
268. We have mice because of woods. We take care of it old basement.  
269. With a pest control service which we have had for  
270. many years. Mice mainly get in via the old original  
271. basement. Since we have pest control on the exterior  
and interior basement (original) we see mice maybe 3-4 a  
year.

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274. Property located at 4080 Bayside Road Orono

275. **M. RADON DISCLOSURE:** (The following Seller disclosure satisfies MN Statute 144.496.)

276. **RADON WARNING STATEMENT:** The Minnesota Department of Health strongly recommends that ALL  
277. homebuyers have an indoor radon test performed prior to purchase or taking occupancy, and recommends  
278. having the radon levels mitigated if elevated radon concentrations are found. Elevated radon concentrations can  
279. easily be reduced by a qualified, certified, or licensed, if applicable, radon mitigator.

280. Every buyer of any interest in residential real property is notified that the property may present exposure to  
281. dangerous levels of indoor radon gas that may place occupants at risk of developing radon-induced lung cancer.  
282. Radon, a Class A human carcinogen, is the leading cause of lung cancer in nonsmokers and the second leading  
283. cause overall. The seller of any interest in residential real property is required to provide the buyer with any  
284. information on radon test results of the dwelling.

285. **RADON IN REAL ESTATE:** By signing this Statement, Buyer hereby acknowledges receipt of the Minnesota  
286. Department of Health's publication entitled *Radon in Real Estate Transactions*, which is attached hereto and  
287. can be found at [www.health.state.mn.us/communities/environment/air/radon/radonre.html](http://www.health.state.mn.us/communities/environment/air/radon/radonre.html).

288. A seller who fails to disclose the information required under MN Statute 144.496, and is aware of material facts  
289. pertaining to radon concentrations in the Property, is liable to the Buyer. A buyer who is injured by a violation of MN  
290. Statute 144.496 may bring a civil action and recover damages and receive other equitable relief as determined by  
291. the court. Any such action must be commenced within two years after the date on which the buyer closed the  
292. purchase or transfer of the real Property.

293. **SELLER'S REPRESENTATIONS:** The following are representations made by Seller to the extent of Seller's actual  
294. knowledge.

- 295. (a) Radon test(s)  **HAVE**  **HAVE NOT** occurred on the Property.  
------(Check one.)-----
- 296. (b) Describe any known radon concentrations, mitigation, or remediation. **NOTE:** Seller shall attach the most  
297. current records and reports pertaining to radon concentration within the dwelling:

298. \_\_\_\_\_  
299. \_\_\_\_\_

- 300. (c) There  **IS**  **IS NOT** a radon mitigation system currently installed on the Property.  
------(Check one.)-----
- 301. If "IS," Seller shall disclose, if known, information regarding the radon mitigation system, including system  
302. description and documentation.

303. \_\_\_\_\_  
304. \_\_\_\_\_

305. **EXCEPTIONS:** See Section R for exceptions to this disclosure requirement.

306. **N. NOTICES/OTHER DEFECTS/MATERIAL FACTS:** The following questions are to be answered to the best of  
307. Seller's knowledge.

- 308. **Notices:** Seller  **HAS**  **HAS NOT** received a notice regarding **any** proposed improvement project from **any**  
------(Check one.)-----
- 309. assessing authorities, the costs of which project may be assessed against the Property. If "HAS," please attach  
310. and/or explain :

311. \_\_\_\_\_  
312. \_\_\_\_\_  
313. \_\_\_\_\_

315. **THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.**

316. Property located at 4080 Hayside Road Orono, MN

317. **Other Defects/Material Facts:** Are there any other material facts that could adversely and significantly affect an ordinary buyer's use or enjoyment of the Property or any intended use of the Property?  Yes  No

319. If "Yes," explain:

320. \_\_\_\_\_

321. \_\_\_\_\_

322. \_\_\_\_\_

323. \_\_\_\_\_

324. **O. WATER INTRUSION AND MOLD GROWTH:** Studies have shown that various forms of water intrusion affect many homes. Water intrusion may occur from exterior moisture entering the home and/or interior moisture leaving the home.

327. Examples of exterior moisture sources may be:

- 328. • improper flashing around windows and doors,
- 329. • improper grading,
- 330. • flooding,
- 331. • roof leaks.

332. Examples of interior moisture sources may be:

- 333. • plumbing leaks,
- 334. • condensation (caused by indoor humidity that is too high or surfaces that are too cold),
- 335. • overflow from tubs, sinks, or toilets,
- 336. • firewood stored indoors,
- 337. • humidifier use,
- 338. • inadequate venting of kitchen and bath humidity,
- 339. • improper venting of clothes dryer exhaust outdoors (including electrical dryers),
- 340. • line-drying laundry indoors,
- 341. • houseplants—watering them can generate large amounts of moisture.

342. In addition to the possible structural damage water intrusion may do to the Property, water intrusion may also result in the growth of mold, mildew, and other fungi. Mold growth may also cause structural damage to the Property. Therefore, it is very important to detect and remediate water intrusion problems.

345. Fungi are present everywhere in our environment, both indoors and outdoors. Many molds are beneficial to humans. However, molds have the ability to produce mycotoxins that may have a potential to cause serious health problems, particularly in some immunocompromised individuals and people who have asthma or allergies to mold.

349. To complicate matters, mold growth is often difficult to detect, as it frequently grows within the wall structure. If you have a concern about water intrusion or the resulting mold/mildew/fungi growth, you may want to consider having the Property inspected for moisture problems before entering into a purchase agreement or as a condition of your purchase agreement. Such an analysis is particularly advisable if you observe staining or musty odors on the Property.

354. **P. NOTICE REGARDING PREDATORY OFFENDER INFORMATION:** Information regarding the predatory offender registry and persons registered with the predatory offender registry under MN Statue 243.166 may be obtained by contacting the local law enforcement offices in the community where the property is located or the Minnesota Department of Corrections at (651) 361-7200, or from the Department of Corrections web site at [www.corr.state.mn.us](http://www.corr.state.mn.us).



360. **THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.**

361. Property located at 4080 Bayside Road Orono

362. **Q. MN STATUTES 513.52 THROUGH 513.60: SELLER'S MATERIAL FACT DISCLOSURE:**

363. **Exceptions:** The seller disclosure requirements of MN Statutes 513.52 through 513.60 **DO NOT** apply to

364. (1) real property that is not residential real property;
365. (2) a gratuitous transfer;
366. (3) a transfer pursuant to a court order;
367. (4) a transfer to a government or governmental agency;
368. (5) a transfer by foreclosure or deed in lieu of foreclosure;
369. (6) a transfer to heirs or devisees of a decedent;
370. (7) a transfer from a co-tenant to one or more other co-tenants;
371. (8) a transfer made to a spouse, parent, grandparent, child, or grandchild of Seller;
372. (9) a transfer between spouses resulting from a decree of marriage dissolution or from a property agreement incidental to that decree;
373. (10) a transfer of newly constructed residential property that has not been inhabited;
374. (11) an option to purchase a unit in a common interest community, until exercised;
375. (12) a transfer to a person who controls or is controlled by the grantor as those terms are defined with respect to a declarant under section 515B.1-103, clause (2);
376. (13) a transfer to a tenant who is in possession of the residential real property; or
377. (14) a transfer of special declarant rights under section 515B.3-104.

380. **MN STATUTES 144.496: RADON AWARENESS ACT**

381. The seller disclosure requirements of MN Statute 144.496 DO NOT apply to (1)-(9) and (11)-(14) above. Sellers  
382. of newly constructed residential property must comply with the disclosure requirements of MN Statute 144.496.

383. **Waiver:** The written disclosure required under sections 513.52 to 513.60 may be waived if Seller and the  
384. prospective Buyer agree in writing. Waiver of the disclosure required under sections 513.52 to 513.60 does not  
385. waive, limit, or abridge any obligation for seller disclosure created by any other law.

386. **No Duty to Disclose:**

387. (A) There is no duty to disclose the fact that the Property
388. (1) is or was occupied by an owner or occupant who is or was suspected to be infected with Human  
389. Immunodeficiency Virus or diagnosed with Acquired Immunodeficiency Syndrome;
  390. (2) was the site of a suicide, accidental death, natural death, or perceived paranormal activity; or
  391. (3) is located in a neighborhood containing any adult family home, community-based residential facility, or  
392. nursing home.
393. (B) **Predatory Offenders.** There is no duty to disclose information regarding an offender who is required to  
394. register under MN Statute 243.166 or about whom notification is made under that section, if Seller, in a timely  
395. manner, provides a written notice that information about the predatory offender registry and persons  
396. registered with the registry may be obtained by contacting the local law enforcement agency where the  
397. property is located or the Department of Corrections.
398. (C) The provisions in paragraphs (A) and (B) do not create a duty to disclose any facts described in paragraphs  
399. (A) and (B) for property that is not residential property.
400. (D) **Inspections.**
401. (1) Except as provided in paragraph (2), Seller is not required to disclose information relating to the real  
402. Property if a written report that discloses the information has been prepared by a qualified third party  
403. and provided to the prospective buyer. For purposes of this paragraph, "qualified third party" means a  
404. federal, state, or local governmental agency, or any person whom Seller or prospective buyer reasonably  
405. believes has the expertise necessary to meet the industry standards of practice for the type of inspection  
406. or investigation that has been conducted by the third party in order to prepare the written report.
  407. (2) Seller shall disclose to the prospective buyer material facts known by Seller that contradict any  
408. information included in a written report under paragraph (1) if a copy of the report is provided to Seller.

410. **THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.**

411. Property located at 4080 Brynside Road Orono

412. **R. ADDITIONAL COMMENTS:**

413. \_\_\_\_\_  
414. \_\_\_\_\_  
415. \_\_\_\_\_  
416. \_\_\_\_\_  
417. \_\_\_\_\_  
418. \_\_\_\_\_  
419. \_\_\_\_\_

420. **S. SELLER'S STATEMENT:**

421. (To be signed at time of listing.)

422. Seller(s) hereby states the facts as stated above are true and accurate and authorizes any licensee(s) representing  
423. or assisting any party(ies) in this transaction to provide a copy of this Disclosure Statement to any person or entity  
424. in connection with any actual or anticipated sale of the Property. A seller may provide this Disclosure Statement  
425. to a real estate licensee representing or assisting a prospective buyer. The Disclosure Statement provided to the  
426. real estate licensee representing or assisting a prospective buyer is considered to have been provided to the  
427. prospective buyer. If this Disclosure Statement is provided to the real estate licensee representing or assisting  
428. the prospective buyer, the real estate licensee must provide a copy to the prospective buyer.

429. **Seller is obligated to continue to notify Buyer in writing of any facts that differ from the facts disclosed**  
430. **here (new or changed) of which Seller is aware that could adversely and significantly affect the Buyer's**  
431. **use or enjoyment of the Property or any intended use of the Property that occur up to the time of closing.**  
432. To disclose new or changed facts, please use the Amendment to Disclosure Statement form.

433. Maurz Kemp 6/15/2022 Maria Hurlington 6/15/2022  
(Seller) (Date) (Seller) (Date)

434. **T. BUYER'S ACKNOWLEDGEMENT:**

435. (To be signed at time of purchase agreement.)

436. I/We, the Buyer(s) of the Property, acknowledge receipt of this Seller's Property Disclosure Statement and agree  
437. that no representations regarding facts have been made other than those made above. This Disclosure Statement  
438. is not a warranty or a guarantee of any kind by Seller or licensee(s) representing or assisting any party in the  
439. transaction and is not a substitute for any inspections or warranties the party(ies) may wish to obtain.

440. The information disclosed is given to the best of Seller's knowledge.

441. \_\_\_\_\_  
(Buyer) (Date) (Buyer) (Date)

442. **LISTING BROKER AND LICENSEES MAKE NO REPRESENTATIONS HERE AND ARE**  
443. **NOT RESPONSIBLE FOR ANY CONDITIONS EXISTING ON THE PROPERTY.**



### Report & Sample Dates

DATE RECEIVED: 6/4/2022  
REPORT DATE: 6/6/2022  
REVISION DATE: 6/14/2022

### Laboratory Certification Info

NRPP ID#: 101132 AL  
STATE ID#: N/A  
ELAP ID#: 11430 NY

## RADON TEST REPORT

Revised

Monica Harrington  
4080 Bayside Rd  
Maple Plain, MN 55359 USA

### YOUR RADON TEST RESULTS:

RADON LEVEL: 2.4 pCi/L  
TEST KIT SERIAL #: HM172551  
LAB ID: 2530670

TEST TYPE: Activated Charcoal  
SAMPLE TYPE: Short Term  
TEST METHOD: EPA-402-R-92-004

TEST ADDRESS: 4080 Bayside Rd  
Maple Plain, MN 55359 USA

TEST FLOOR: Basement  
TEST LOCATION: Lower Family Room  
CLOSED HOUSE: Yes

TEST START: 01:00 PM 05/29/2022  
TEST END: 01:30 PM 05/31/2022  
EXPOSURE: 48.5 Hours

### RADON HEALTH RISK INFORMATION:

Radon is the second leading cause of lung cancer, after smoking. The more elevated a home's radon level, the greater the health risk to you and your family. Smokers and former smokers are at especially high risk.

Radon concentration is measured in picocuries per liter of air (pCi/L). The US Environmental Protection Agency and the Surgeon General strongly recommend taking further action when the home's radon test results are 4 pCi/L or greater. Even homes with very high levels can be reduced below 4 pCi/L. The EPA recommends that you use a NRPP or state-approved contractor to correct radon problems. Radon levels less than 4 pCi/L still pose some risk and in many cases may be reduced. If the radon level in your home is between 2 pCi/L and 4 pCi/L, The US Environmental Protection Agency and the Surgeon General recommend that you consider correcting the problem in your home.

QA/QC - Short Term Radon Tests have an estimated margin of error of  $\pm 5\%$  when used according to directions.

DISCLAIMER: Test results are only indicative of the sample as received by the lab. Incorrect information or improper sampling procedures will affect results. Alpha Energy Labs did not provide sampling services unless otherwise indicated. The person(s) performing sampling are responsible for sampling QA, which may include duplicate, blank, and/or spiked detectors. This measurement is not necessarily predictive or supportive of measurements conducted at different times or locations. Alpha Energy Labs is not responsible for the consequences of any action you do or do not take based on the test results. One sampler can test up to 2,000 ft<sup>2</sup>.

Measurement Specialist / Laboratory Director



Date 6/14/2022

### IF YOU HAVE QUESTIONS ABOUT WHAT YOUR RESULTS MEAN:

EPA National Hotline: (800) 557-2366, [epa.gov/radon](http://epa.gov/radon), or, call your State Radon Contact: (651) 201-4601

### IF YOU HAVE QUESTIONS ABOUT HOW TO FIX A RADON PROBLEM:

Radon Fix-it Hotline: (800) 644-6999, [epa.gov/radon](http://epa.gov/radon), or, call your State Radon Contact: (651) 201-4601

# Radon in Real Estate Transactions

All Minnesota homes can have dangerous levels of radon gas. Radon is a colorless, odorless and tasteless **radioactive gas** that can seep into homes from the soil. When inhaled, it can damage the lungs. Long-term exposure to radon can lead to **lung cancer**. About 21,000 lung cancer deaths each year in the United States are caused by radon.

The only way to know how much radon gas has entered the home is to conduct a radon test. MDH estimates 2 in 5 homes exceed the 4.0 pCi/L action level. Whether a home is old or new, **any home can have high levels of radon**.

The purpose of this publication is to educate and inform potential home buyers of the risks of radon exposure, and how to test for and reduce radon as part of real estate transactions.

## Disclosure Requirements



Effective January 1, 2014, the Minnesota Radon Awareness Act requires specific disclosure and education be provided to potential home buyers during residential real estate transactions in Minnesota. **Before signing a purchase agreement to sell or transfer residential real property**, the seller shall provide this publication and shall disclose in writing to the buyer:

1. whether a radon test or tests have occurred on the property;
2. the most current records and reports pertaining to radon concentrations within the dwelling;
3. a description of any radon levels, mitigation, or remediation;
4. information on the radon mitigation system, if a system was installed; and
5. a radon warning statement.

**MDH** Minnesota  
Department of Health

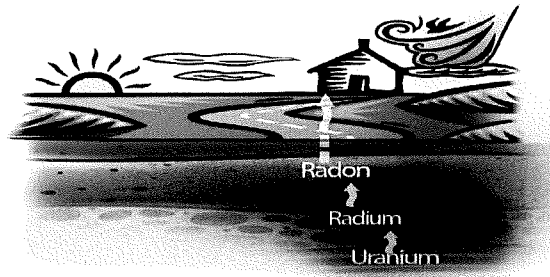
INDOOR AIR UNIT

## Radon Facts

**How dangerous is radon?** Radon is the number one cause of lung cancer in non-smokers, and the second leading cause overall. Your risk for lung cancer increases with higher levels of radon, prolonged exposure, and whether or not you are a current smoker or former smoker.

**Where is your greatest exposure to radon?** For most Minnesotans, your greatest exposure is at home where radon can concentrate indoors.

**What is the recommended action based on my results?** If the average radon in the home is at or above 4.0 pCi/L, the home's radon level should be reduced. Also, consider mitigating if radon levels are between 2.0 pCi/L and 3.9 pCi/L. Any amount of radon, even below the recommended action level, carries some risk.



### MDH Radon Program

PO Box 64975

St Paul, MN 55164-0975

health.indoor@state.mn.us

www.health.state.mn.us/radon

651-201-4601

800-798-9050

## Radon Testing

Any test lasting less than three months requires **closed-house conditions**. Keep all windows and doors closed, except for normal entry and exit.

**Before testing:** Begin closed-house conditions at least 12 hours before the start of the radon test.

**During testing:** Maintain closed-house conditions during the entire duration of the short-term test. Operate home heating or cooling systems normally during the test. Test for at least 48 hours.

**Where should the test be conducted?** Any radon test conducted for a real estate transaction needs to be placed in the lowest livable area of the home suitable for occupancy. This is typically in the basement, whether finished or unfinished.

Place the test kit:

- twenty inches to six feet above the floor
- at least three feet from exterior walls
- four inches away from other objects
- in a location where it won't be disturbed
- not in enclosed areas or areas of high heat or humidity

## Radon Mitigation

When elevated levels of radon are found, they can be easily reduced by a certified radon mitigation professional.

**Radon mitigation** is the process used to reduce radon concentrations in buildings. This is done by drawing soil gas from under the house and venting it above the roof. A quality mitigation system should reduce levels to below 4.0 pCi/L, if not lower.

**After a radon mitigation system is installed** perform an independent short-term test to ensure the reduction system is effective. Operate the radon system during the entire test. This test will confirm low levels in the home. Be sure to retest the house every two years to confirm continued radon reduction.

## Radon Warning Statement

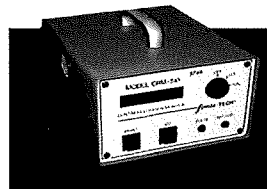
*"The Minnesota Department of Health strongly recommends that ALL homebuyers have an indoor radon test performed prior to purchase or taking occupancy, and recommends having the radon levels mitigated if elevated radon concentrations are found. Elevated radon concentrations can easily be reduced by a qualified, certified, or licensed, if applicable, radon mitigator.*

*Every buyer of any interest in residential real property is notified that the property may present exposure to dangerous levels of indoor radon gas that may place the occupants at risk of developing radon-induced lung cancer. Radon, a Class A human carcinogen, is the leading cause of lung cancer in nonsmokers and the second leading cause overall. The seller of any interest in residential real property is required to provide the buyer with any information on radon test results of the dwelling".*

**How are radon tests conducted in real estate transactions?** There are special protocols for radon testing. The two most common ways to test are either using a calibrated continuous radon monitor (CRM) or two-short term test kits used at the same time. The short-term test kits are placed 4 inches apart and the results are averaged.

### Continuous Radon Monitor (CRM)

*Fastest*



### Simultaneous Short-term Testing

*Second Fastest*



**All radon tests should be conducted by a certified professional.** This ensures the test was conducted properly, in the correct location, and under appropriate building conditions. A list of these radon measurement professionals can be found at MDH's Radon website. If the seller previously conducted testing in a property at or above 4 pCi/L, the home should be mitigated.

## DISCLOSURE STATEMENT: WELL

This form approved by the Minnesota Association of REALTORS<sup>®</sup>, which disclaims any liability arising out of use or misuse of this form. © 2021 Minnesota Association of REALTORS<sup>®</sup>, Minnetonka, MN

*See Attached Report*

1. Date June 15, 2022
2. Page 1 of \_\_\_\_\_ pages: THE REQUIRED MAP
3. IS ATTACHED HERE AND MADE A PART OF THIS
4. DISCLOSURE

5. Minnesota Statute 1031.235 requires that, before signing an agreement to sell or transfer real property, Seller must disclose information in writing to Buyer about the status and location of all known wells on the property. This requirement is satisfied by delivering to Buyer either a statement by Seller that Seller does not know of any wells on the property, or a disclosure statement indicating the legal description and county, and a map showing the location of each well. In the disclosure statement Seller must indicate, for each well, whether the well is in use, not in use or sealed.

10. Unless Buyer and Seller agree to the contrary in writing, before the closing of the sale, a Seller who fails to disclose the existence or known status of a well at the time of sale, and knew or had reason to know of the existence or known status of the well, is liable to Buyer for costs relating to sealing of the well and reasonable attorneys' fees for collection of costs from Seller, if the action is commenced within six years after the date Buyer closed the purchase of the real property where the well is located.

15. Legal requirements exist relating to various aspects of location and status of wells. Buyer is advised to contact the local unit(s) of government, state agency, or qualified professional which regulates wells for further information about these issues. For additional information on wells, please visit the Minnesota Department of Health's website at [www.health.state.mn.us](http://www.health.state.mn.us).

19. **Instructions for completion of this form are on page three (3).**

20. **PROPERTY DESCRIPTION:** Street Address: 4080 Bayside Road,  
 21. City of ORONO, County of Hennepin,  
 22. State of Minnesota, Zip Code 55359.

23. **LEGAL DESCRIPTION:**

24. \_\_\_\_\_  
 25. \_\_\_\_\_ ("Property").

26. **WELL DISCLOSURE STATEMENT:** (Check appropriate boxes.)

27. Seller certifies that the following wells are located on the above-described real Property.

	MN Unique Well No.	Well Depth	Year of Const.	Well Type	IN USE	NOT IN USE	SHARED	SEALED
30. Well 1	<u>?</u>	<u>?</u>	<u>?</u>	<u>Ran dry</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
31. Well 2	<u>752493</u>	<u>147</u>	<u>2007</u>	<u>plastic?</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <i>See Report</i>
32. Well 3	_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

33. Is this property served by a well not located on the Property?  Yes  No

34. If "Yes," please explain:  
 35. \_\_\_\_\_

36. **NOTE: See definition of terms "IN USE," "NOT IN USE," and "SEALED" on lines 102-113. If a well is not in use, it must be sealed by a licensed well contractor or a well owner must obtain a maintenance permit from the Minnesota Department of Health and pay an annual maintenance fee. Maintenance permits are not transferable. If a well is operable and properly maintained, a maintenance permit is not required.**

40. If the well is, "Shared":  
 41. (1) How many properties or residences does the shared well serve? \_\_\_\_\_  
 42. (2) Who manages the shared well? \_\_\_\_\_  
 43. (3) Is there a maintenance agreement for the shared well?  Yes  No

44. If "Yes," what is the annual maintenance fee? \$ \_\_\_\_\_



46. Property located at \_\_\_\_\_

47. **OTHER WELL INFORMATION:**

48. Date well water last tested for contaminants: \_\_\_\_\_ Test results attached?  Yes  No

49. Contaminated Well: Is there a well on the Property containing contaminated water?  Yes  No

50. Comments:

51. \_\_\_\_\_  
52. \_\_\_\_\_  
53. \_\_\_\_\_  
54. \_\_\_\_\_  
55. \_\_\_\_\_  
56. \_\_\_\_\_

57. **SEALED WELL INFORMATION:** For each well designated as sealed above, complete this section.

58. When was the well sealed? 2007 - Ran dry Original

59. Who sealed the well? Bergerson Caswell

60. Was a Sealed Well Report filed with the Minnesota Department of Health?  Yes  No

61. **MAP: Complete the attached Disclosure Statement: Location Map showing the location of each well on the**  
62. **real Property.**

63. This disclosure is not a warranty of any kind by Seller(s) or any licensee(s) representing or assisting any part(/ies) in  
64. this transaction and is not a substitute for any inspections or warranties the party(ies) may wish to obtain.

65. **INSTRUCTIONS FOR COMPLETING THE WELL DISCLOSURE STATEMENT**

66. **DEFINITION:** A "well" means an excavation that is drilled, cored, bored, washed, driven, dug, jetted, or otherwise  
67. constructed if the excavation is intended for the location, diversion, artificial recharge, or acquisition of groundwater.

68. **MINNESOTA UNIQUE WELL NUMBER:** All new wells constructed AFTER January 1, 1975, should have been  
69. assigned a Minnesota unique well number by the person constructing the well. If the well was constructed after this  
70. date, you should have the unique well number in your property records. If you are unable to locate your unique well  
71. number and the well was constructed AFTER January 1, 1975, contact your well contractor. If no unique well number  
72. is available, please indicate the depth and year of construction for each well.

73. **WELL TYPE:** Use one of the following terms to describe the well type.

74. **WATER WELL:** A water well is any type of well used to extract groundwater for private or public use.  
75. Examples of water wells are: domestic wells, drive-point wells, dug wells, remedial wells, and municipal  
76. wells.

77. **IRRIGATION WELL:** An irrigation well is a well used to irrigate agricultural lands. These are typically  
78. large-diameter wells connected to a large pressure distribution system.

79. **MONITORING WELL:** A monitoring well is a well used to monitor groundwater contamination. The well is  
80. typically used to access groundwater for the extraction of samples.

81. **DEWATERING WELL:** A dewatering well is a well used to lower groundwater levels to allow for construction  
82. or use of underground spaces.

83. **INDUSTRIAL/COMMERCIAL WELL:** An industrial/commercial well is a nonpotable well used to extract  
84. groundwater for any nonpotable use, including groundwater thermal exchange wells (heat pumps and heat  
85. loops).

87. **WELL USE STATUS:** Indicate the use status of each well. CHECK ONLY ONE (1) BOX PER WELL.
88. **IN USE:** A well is "in use" if the well is operated on a daily, regular, or seasonal basis. A well in use includes
89. a well that operates for the purpose of irrigation, fire protection, or emergency pumping.
90. **NOT IN USE:** A well is "not in use" if the well does not meet the definition of "in use" above and has not
91. been sealed by a licensed well contractor.
92. **SEALED:** A well is "sealed" if a licensed contractor has completely filled a well by pumping grout material
93. throughout the entire bore hole after removal of any obstructions from the well. A well is "capped" if it has
94. a metal or plastic cap or cover which is threaded, bolted or welded into the top of the well to prevent entry
95. into the well. A "capped" well is not a "sealed" well.
96. If the well has been sealed by someone other than a licensed well contractor or a licensed well sealing
97. contractor, check the well status as "not in use."
98. If you have any questions, please contact the Minnesota Department of Health, Well Management Section,
99. at (651) 201-4587 (metropolitan Minneapolis-St. Paul) or 1-800-383-9808 (greater Minnesota).

100. **SELLER'S STATEMENT:** (To be signed at time of listing.)
101. Seller(s) hereby states that the facts as stated above are true and accurate and authorizes any licensee(s) representing
102. or assisting any party(ies) in this transaction to provide a copy of this Disclosure Statement to any person or entity
103. in connection with any actual or anticipated sale of the Property. A seller may provide this Disclosure Statement to
104. a real estate licensee representing or assisting a prospective buyer. The Disclosure Statement provided to the real
105. estate licensee representing or assisting a prospective buyer is considered to have been provided to the prospective
106. buyer. If this Disclosure Statement is provided to the real estate licensee representing or assisting the prospective
107. buyer, the real estate licensee must provide a copy to the prospective buyer.
108. **Seller is obligated to continue to notify Buyer in writing of any facts that differ from the facts disclosed here**
109. **(new or changed) of which Seller is aware that could adversely and significantly affect the Buyer's use or**
110. **enjoyment of the Property or any intended use of the Property that occur up to the time of closing.** To disclose
111. new or changed facts, please use the Amendment to Disclosure Statement form.

112. *Marcus Armstrong* 6/15/2022 *Monica Armstrong* 6/15/2022  
 (Seller) (Date) (Seller) (Date)

113. **BUYER'S ACKNOWLEDGEMENT:** (To be signed at time of purchase agreement.)
114. I/We, the Buyer(s) of the Property, acknowledge receipt of this Disclosure Statement: Well and Disclosure Statement:
115. Location Map and agree that no representations regarding facts have been made other than those made above.

116. \_\_\_\_\_ (Buyer) \_\_\_\_\_ (Date) \_\_\_\_\_ (Buyer) \_\_\_\_\_ (Date)

117. **LISTING BROKER AND LICENSEES MAKE NO REPRESENTATIONS HERE AND ARE**
118. **NOT RESPONSIBLE FOR ANY CONDITIONS EXISTING ON THE PROPERTY.**



752493

County Hennepin  
 Quad Mound  
 Quad ID 105B

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING REPORT**  
 Minnesota Statutes Chapter 1031

Entry Date 03/11/2009  
 Update Date 05/21/2015  
 Received Date 09/26/2007

<b>Well Name</b> HARRINGTON,	<b>Township</b> 117	<b>Range</b> 23	<b>Dir Section</b> W 6	<b>Subsection</b> ADABBA	<b>Well Depth</b> 147 ft.	<b>Depth Completed</b> 147 ft.	<b>Date Well Completed</b> 08/16/2007
<b>Elevation</b> 1004	<b>Elev. Method</b> LIDAR 1m DEM (MNDNR)				<b>Drill Method</b> Non-specified Rotary	<b>Drill Fluid</b> Bentonite	
<b>Address</b> Well 4080 BAYSIDE RD ORONO MN 55359					<b>Use</b> domestic	<b>Status</b> Active	
<b>Stratigraphy Information</b>					<b>Well Hydrofractured?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>From</b> To	
<b>Geological Material</b>	<b>From</b>	<b>To (ft.)</b>	<b>Color</b>	<b>Hardness</b>	<b>Casing Type</b> Single casing	<b>Joint</b> Welded	
DIRT, TOPSOIL	0	5	BLACK	MEDIUM	<b>Drive Shoe?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>Above/Below</b>	
CLAY	5	25	BROWN	MEDIUM	<b>Casing Diameter</b> 4 in. To	<b>Weight</b> 137 ft. lbs./ft.	<b>Hole Diameter</b> 8.7 in. To 30 ft. 6.2 in. To 147 ft.
CLAY	25	37	GRAY	MEDIUM	<b>Open Hole</b> From ft. To ft.		
CLAY, GRAVEL	37	57	GRAY	MEDIUM	<b>Screen?</b> <input checked="" type="checkbox"/>	<b>Type</b> plastic	<b>Make</b>
CLAY	57	77	GRAY	MEDIUM	<b>Diameter</b> 4 in.	<b>Slot/Gauze</b> 10	<b>Length</b> 10 ft.
CLAY, GRAVEL	77	95	GRAY	MEDIUM	<b>Set</b> 137 ft.	<b>ft.</b> 147 ft.	<b>ft.</b>
SAND, GRAVEL	95	147	VARIED	SOFT	<b>Static Water Level</b> 100 ft. land surface Measure 08/08/2007		
					<b>Pumping Level (below land surface)</b> 130 ft. 2 hrs. Pumping at 35 g.p.m.		
					<b>Wellhead Completion</b> Pitless adapter manufacturer WHITEWATER Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
					<b>Grouting Information</b> Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified Material Amount From To bentonite 2 Sacks ft. 30 ft.		
					<b>Nearest Known Source of Contamination</b> 50 feet North Direction Sewer Type Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
					<b>Pump</b> <input type="checkbox"/> Not Installed Date Installed 08/16/2007 Manufacturer's name RED JACKET Model Number HP 1.5 Volt 220 Length of drop pipe 120 ft Capacity 20 g.p. Typ Submersible		
					<b>Abandoned</b> Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
					<b>Variance</b> Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
					<b>Miscellaneous</b> First Bedrock Aquifer Quat. buried Last Strat sand +larger Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 450553 Y 4980349 Unique Number Verification Address verification Input Date 05/05/2014		
<b>Remarks</b>					<b>Angled Drill Hole</b>		
					<b>Well Contractor</b> Bergerson Caswell, Inc. 1767 KLUVER, D. Licensee Business Lic. or Reg. No. Name of Driller		

## DISCLOSURE STATEMENT: SUBSURFACE SEWAGE TREATMENT SYSTEM

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1. Date June 15, 2022
2. Page 1 of \_\_\_\_\_ pages:
3. THE REQUIRED MAP IS ATTACHED AND MADE A
4. PART OF THIS DISCLOSURE

5. Property located at 4080 Buyside Road,  
 6. City of Orono, County of Hennepin,  
 7. State of Minnesota, Zip Code 55359, legally described as follows or on attached sheet:

8. \_\_\_\_\_ ("Property").  
 9. This disclosure is not a warranty of any kind by Seller(s) or any licensee(s) representing or assisting any party(ies) in  
 10. this transaction, and is not a substitute for any inspections or warranties the party(ies) may wish to obtain.

11. **BUYER(S) AND SELLER(S) MAY WISH TO OBTAIN PROFESSIONAL ADVICE AND/OR INSPECTIONS OF THE**  
 12. **SUBSURFACE SEWAGE TREATMENT SYSTEM AND TO PROVIDE FOR APPROPRIATE PROVISIONS IN A**  
 13. **CONTRACT BETWEEN BUYER(S) AND SELLER(S) WITH RESPECT TO ANY ADVICE/INSPECTION/**  
 14. **DEFECTS.**

15. **SELLER'S INFORMATION:** The following Seller disclosure satisfies MN Statutes Chapter 115.55. Seller discloses  
 16. the following information with the knowledge that even though this is not a warranty, prospective Buyers may rely on  
 17. this information in deciding whether and on what terms to purchase the Property. The Seller(s) authorizes any  
 18. licensee(s) representing or assisting any party(ies) in this transaction to provide a copy of this statement to any person  
 19. or entity in connection with any actual or anticipated sale of the Property.

20. Unless Buyer and Seller agree to the contrary in writing before the closing of the sale, a Seller who fails to disclose  
 21. the existence or known status of a subsurface sewage treatment system at the time of sale, and who knew or had  
 22. reason to know of the existence or known status of the system, is liable to Buyer for costs relating to bringing the  
 23. system into compliance with subsurface sewage treatment system rules and for reasonable attorney fees for collection  
 24. of costs from Seller. An action under this subdivision must be commenced within two years after the date on which  
 25. Buyer closed the purchase of the real property where the system is located.

26. Legal requirements exist relating to various aspects of location and status of subsurface sewage treatment systems.  
 27. Buyer is advised to contact the local unit(s) of government, state agency, or qualified professional which regulates  
 28. subsurface sewage treatment systems for further information about these issues.

29. The following are representations made by Seller(s) to the extent of Seller(s) actual knowledge. This information is a  
 30. disclosure and is not intended to be part of any contract between Buyer and Seller.

31. **SUBSURFACE SEWAGE TREATMENT SYSTEM DISCLOSURE:** (Check the appropriate boxes.)

32. Seller certifies that the following subsurface sewage treatment system is on or serving the above-described Property.

33. TYPE: (Check appropriate box(es) and indicate location on attached Disclosure Statement: Location Map.)

34.  Septic Tank:  with drain field  with mound system  seepage tank  with open end  
 35. Is this system a straight-pipe system?  Yes  No  Unknown

36.  Sealed System (holding tank)

37.  Other (Describe.): \_\_\_\_\_

38. Is the subsurface sewage treatment system(s) currently in use?  Yes  No

39. Is the above-described Property served by a subsurface sewage treatment system  
 40. located entirely within the Property boundary lines, including setback requirements?  Yes  No

41. If "No," please explain:  
 42. \_\_\_\_\_

43. Comments:  
 44. \_\_\_\_\_

46. Property located at 4080 Bayside Road Orono, MN 55359

47. Is the subsurface sewage treatment system(s) a shared system?  Yes  No

48. If "Yes,"

49. (1) How many properties or residences does the subsurface sewage treatment system serve?

50. \_\_\_\_\_

51. (2) Is there a maintenance agreement for the shared subsurface sewage treatment system?  Yes  No

52. If "Yes," what is the annual maintenance fee? \$ \_\_\_\_\_

53. **NOTE: If any water use appliance, bedroom, or bathroom has been added to the Property, the system may**  
54. **no longer comply with applicable sewage treatment system laws and rules.**

55. Seller or transferor shall disclose to Buyer or transferee what Seller or transferor has knowledge of relative to the  
56. compliance status of the subsurface sewage treatment system.

57. See Attached reports

58. \_\_\_\_\_

59. Any previous inspection report in Seller's possession must be attached to this Disclosure Statement.

60. When was the subsurface sewage treatment system installed? \_\_\_\_\_

61. Installer Name/Phone Original S-P Testing, Inc. Steve Shrimers 1987 Redline Feb 1999

62. Where is tank located? 763-497-3566

63. What is tank size? \_\_\_\_\_

64. When was tank last pumped? All tanks pumped May, 26, 2022

65. How often is tank pumped? Every other year

66. Where is the drain field located? \_\_\_\_\_

67. What is the drain field size? \_\_\_\_\_

68. Describe work performed to the subsurface sewage treatment system since you have owned the Property.

69. \_\_\_\_\_

70. \_\_\_\_\_

71. Date work performed/by whom: \_\_\_\_\_

72. \_\_\_\_\_

73. Approximate number of:  
74. people using the subsurface sewage treatment system 3

75. showers/baths taken per week 1

76. wash loads per week 5

77. **NOTE: Changes in the number of people using the subsurface sewage treatment system or volume of water**  
78. **used may affect the subsurface sewage treatment system performance.**

79. Distance between well and subsurface sewage treatment system? \_\_\_\_\_

80. Have you received any notices from any government agencies relating to the subsurface sewage treatment system?

81. (If "Yes," see attached notice.)  Yes  No

82. Are there any known defects in the subsurface sewage treatment system?  Yes  No

83. If "Yes," please explain:

84. \_\_\_\_\_

85. \_\_\_\_\_

87. Property located at 4080 Bayside Road Orono, MN 55359

88. **SELLER'S STATEMENT:** (To be signed at time of listing.)

89. Seller(s) hereby states the facts as stated above are true and accurate and authorizes any licensee(s) representing or  
90. assisting any party(ies) in this transaction to provide a copy of this Disclosure Statement to any person or entity in  
91. connection with any actual or anticipated sale of the Property. A seller may provide this Disclosure Statement to a  
92. real estate licensee representing or assisting a prospective buyer. The Disclosure Statement provided to the real  
93. estate licensee representing or assisting a prospective buyer is considered to have been provided to the prospective  
94. buyer. If this Disclosure Statement is provided to the real estate licensee representing or assisting the prospective  
95. buyer, the real estate licensee must provide a copy to the prospective buyer.

96. **Seller is obligated to continue to notify Buyer in writing of any facts that differ from the facts disclosed here  
97. (new or changed) of which Seller is aware that could adversely and significantly affect the Buyer's use or  
98. enjoyment of the Property or any intended use of the Property that occur up to the time of closing.** To disclose  
99. new or changed facts, please use the Amendment to Disclosure Statement form.

100. *Memo* 6/15/2022 *Monica* 6/15/2022  
(Seller) (Date) (Seller) (Date)

101. **BUYER'S ACKNOWLEDGEMENT:** (To be signed at time of purchase agreement.)

102. I/We, the Buyer(s) of the Property, acknowledge receipt of this Disclosure Statement: Subsurface Sewage Treatment  
103. System and Disclosure Statement: Location Map and agree that no representations regarding facts have been made  
104. other than those made above.

105. \_\_\_\_\_  
(Buyer) (Date) (Buyer) (Date)

106. **LISTING BROKER AND LICENSEES MAKE NO REPRESENTATIONS HERE AND ARE**  
107. **NOT RESPONSIBLE FOR ANY CONDITIONS EXISTING ON THE PROPERTY.**

## DISCLOSURE STATEMENT: LOCATION MAP

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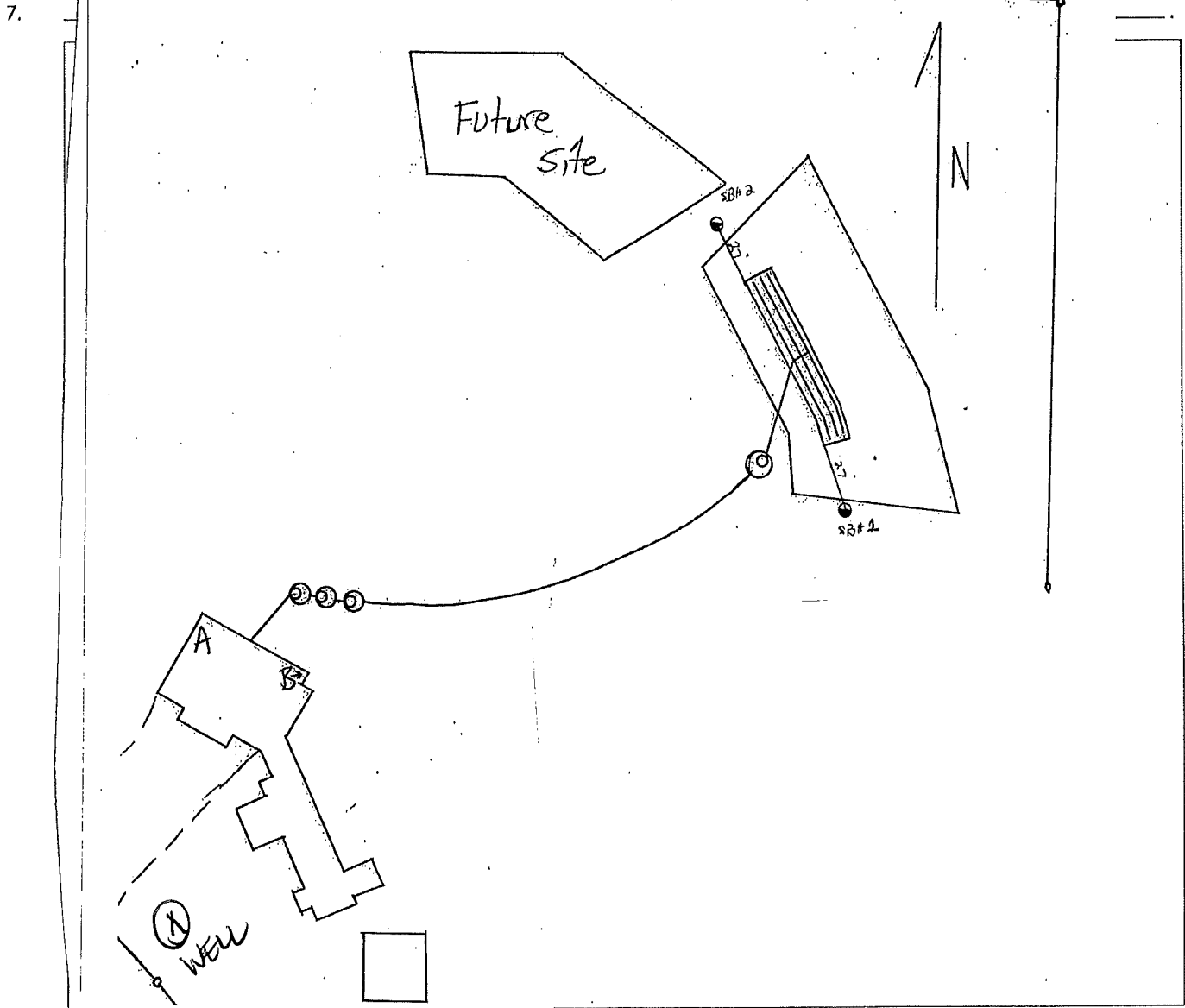
1. Page 1 of 1 pages

2. Please use the space below to sketch the real property being sold and, to Seller's knowledge, the approximate location of any of the following on the property.

4.  SUBSURFACE SEWAGE TREATMENT SYSTEM  WELL  METHAMPHETAMINE PRODUCTION AREA  
(Check all that apply.)

5. Include approximate distances from fixed reference points such as streets, buildings and landmarks.

6. Property located at 4080 BAYSIDE ROAD, ORONO, MN



8. ATTACH ADDITIONAL SHEETS AS NEEDED.

9. Seller and Buyer initial: \_\_\_\_\_ (Seller) \_\_\_\_\_ (Date) \_\_\_\_\_ (Buyer) \_\_\_\_\_ (Date)

10. \_\_\_\_\_ (Seller) \_\_\_\_\_ (Date) \_\_\_\_\_ (Buyer) \_\_\_\_\_ (Date)

11. ORIGINAL COPY TO LISTING BROKER; COPIES TO SELLER, BUYER, SELLING BROKER  
 MN-IM (8/21) ER-125A-1 (8/21)



**SITE COPY**

**CITY OF ORONO  
SEPTIC SYSTEM APPROVAL**

**CITY of ORONO**

Municipal Offices  
Post Office Box 66  
Crystal Bay, Minnesota 55323-0066

LOCATION: 4080 Bayside Rd.

OWNER: Mark Harrington

GENERAL CONTRACTOR: \_\_\_\_\_ SEPTIC CONTRACTOR: \_\_\_\_\_

SITE EVALUATOR: S-P Testing REPORT DATE: November 19, 1994

The City of Orono has Approved your on-site system design as of February 21, 1995  
(approved-disapproved) (date)

with the following comments: Expansion area for the existing system meets all

State and Local Codes. The future meets most State and Local Codes,

but a variance has been granted for a system on 7% to 9% slopes (6% or  
less required). The residence may be enlarged to a maximum five bedrooms

THIS IS NOT A PERMIT. This is a design approval form which must accompany the site plan. A permit must be issued to a licensed septic contractor prior to installation. A list of currently licensed septic contractors is enclosed.

NOTICE TO INSTALLERS: Any changes to the approved plans and specs must have prior approval of the Inspector (473-7357). Call for inspections 24 hours in advance.

ALL DRAINFIELD AREAS MUST BE FENCED OFF prior to building site excavation and fencing must remain in place until final site grading. Approval to pour footings will not be granted until the Inspections Department has verified that primary and alternate sites are adequately protected.

NO VEHICULAR TRAFFIC OF ANY KIND (cars, trucks, earth moving equipment, etc.) is allowed within 20' of tested drainfield sites either before or after system construction. Compaction of these areas could render them unusable prohibiting the timely completion and or limiting the long term use of the property.

A site copy will be available at the City Offices for the septic contractor.

CITY OF ORONO

By Stephen Weckman  
Stephen Weckman, On-site Systems Manager

# S-P TESTING, INC.

Steven B. Schirmers — MPCA Cert. No. 627

951 Katydid Lane NE • St. Michael, MN 55376 • (612) 497-3566

November 19, 1994

Mark Harrington  
4080 Bayside Rd.  
Orono, Henn. Co., MN

This site has an existing Pressurized Mound System for a 3BR home. The system will be increased for a 5BR home.

The mound will be added to at each end of the rock bed. The existing mound will need the topsoil removed to the washed sand with a backhoe with no travel on the mound. The tank capacity will require an additional 1000 gallon holding tank. The pumping chamber is a 1000 gallon capacity which meets City code for minimum capacity. Recommend to reshape and divert the run off away from the pumping chamber.

The future expansion is on 7% to 9% slope & will need approval by the City Official.

The soils at a depth of 12" have a percolation rate averaging 2.9 min/inch.

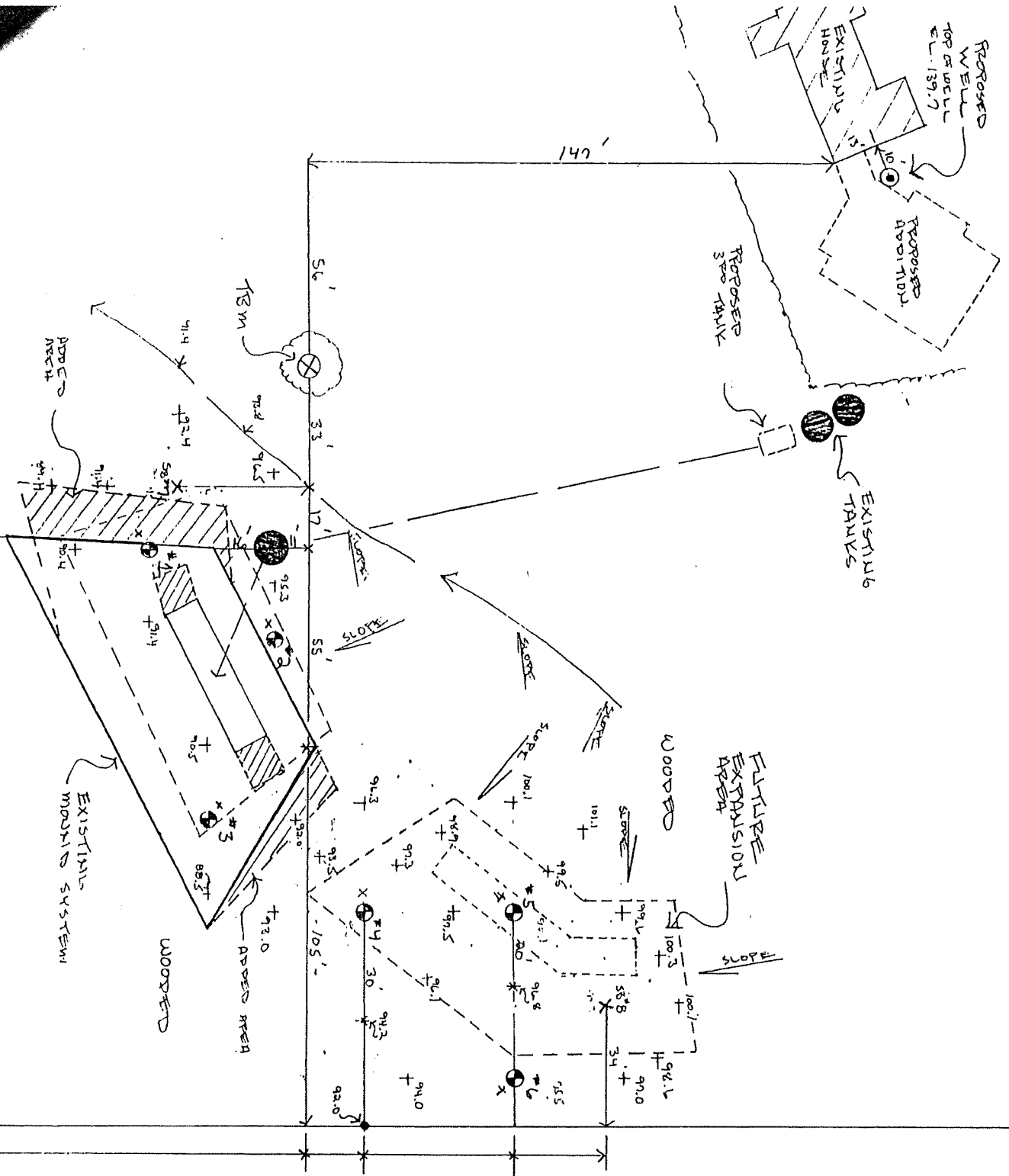
All neighboring wells are located greater than 100' away from the proposed treatment area.

Keep all heavy equipment off of the proposed treatment area before and after construction. The treatment area should be marked off before construction. This Design is not valid & the system will need to be relocated if failure to protect the areas proposed for On-Site Sewage Treatment occurs.

With proper installation and maintenance, this system should have no problem in treating septic effluent effectively.

Nothing other than gray water (laundry, showers, etc.) human waste & toilet tissue should be disposed into the septic tanks. Garbage disposals are not recommended. Excessive amounts of soaps, cleaning agents & chlorine agents may kill the bacteria needed to treat septic effluent. Additives are not recommended. Recommend to pump & clean your tank through the manhole by a certified pumper every year if you have 1 tank and every 2 years if you have two tanks.

  
Steven B. Schirmers



\*KEEP ALL HEAVY EQUIPMENT  
PROPOSED TREATMENT AREAS BE  
CONSTRUCTION



- ⊙ Percolation Tests S
- X Soil Borings
- ⊗ Bench Mark

Note: This system is to be  
the Minnesota Pollution  
Chapter 7080 &

Check all under

PROPERTY OF: ME  
HD & O SAUL  
ORLAND M.D.

S-PTI  
Designed By: Steve  
Date: 12/15/24, PH.



**MOUND DESIGN WORKSHEET**  
(For Flows up to 1200 gpd)

**A. FLOW**

Estimated 750 gpd  
or measured — x 1.5 = — gpd.

Estimated Sewage Flow in Gallons per Day (gpd)				
Number of Bedrooms	Type I	Type II	Type III	Type IV
2	300	225	180	60% of the values in the other columns
3	450	300	218	
4	600	375	256	
5	750	450	294	
6	900	525	332	
7	1050	600	370	
8	1200	675	408	

**B. SEPTIC TANK LIQUID VOLUMES**

3-1000 gpd cap. gallons 2-1000 (Add 1-1000)

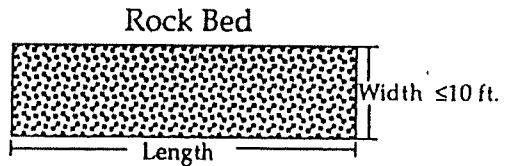
**C. SOILS (refer to site evaluation)**

- Depth to restricting layer = 20 TO 30 inches
- Depth of percolation tests = 12 inches
- Percolation rate 2.9 mpi
- Land slope 9 %

Number of Bedrooms	Minimum Septic Tank Liquid Capacity (gallons)	Minimum Capacity with Garbage Disposal (gallons)
2 or less	750	1,125
3 or 4	1,000	1,500
5 or 6	1,500	2,250
7 or 8	2,000	3,000
over 9	See fig. C-6	(x 1.5)

**D. ROCK LAYER DIMENSIONS**

- Multiply flow rate by 0.83 to obtain required area of rock layer:  $A \times 0.83 =$   
750 gpd x 0.83 sq. ft./gpd = 622 sq. ft.
- Select width of rock layer (10 feet or less) = 10 ft.
- Length of rock layer = area ÷ width =  
622 sq. ft. ÷ 10 ft. = 62 ft.



**E. ROCK VOLUME**

- Multiply rock area by rock depth to get cubic feet of rock;  
622 sq. ft. x 1.05 ft. = 653 cu. ft.
- Divide cu. ft. by 27 cu. ft./cu. yd. to get cubic yards;  
653 cu. ft. ÷ 27 = 24 cu. yd.
- Multiply cubic yards by 1.4 to get weight of rock in tons;  
24 cu. yd. x 1.4 ton/cu. yd. = 34 tons.

**F. ADSORPTION WIDTH**

LOAM

- Percolation rate in top 12 inches of soil is 2.9 mpi
- Select allowable soil loading rate from table;  
.60 gpd/ft<sup>2</sup>
- Calculate adsorption width ratio by dividing rock layer loading rate of 1.20 gpd/ft<sup>2</sup> by allowable soil loading rate;  
 $1.20 \text{ gpd/ft}^2 \div .60 \text{ gpd/ft}^2 =$  2.00
- Multiply adsorption width ratio by rock layer width to get required adsorption width;  
2.00 x 10 ft = 20.0 ft

Absorption Width Sizing Table			
Percolation Rate Minutes per inch (mpi)	Soil Texture	Gallons per day per square feet	Ratio of rock bed width to absorption width
Faster than 0.1	Coarse Sand	1.20	1.00
0.1 to 5	Sand	1.20	1.00
0.1 to 5	Fine Sand**	0.60	2.00
6 to 15	Sandy Loam	0.79	1.52
16 to 30	Loam	<u>0.60</u>	2.00
31 to 45	Silt Loam	0.50	2.40
46 to 60	Clay Loam	0.45	2.67
61 to 120	Clay	0.24	5.00
Slower than 120	Clay	—	—

\*\* Soil having 50% or more of fine or very fine sand.

G. DOWNSLOPE DIKE WIDTH

1. If landslope is 3% or more, subtract rock layer width from adsorption width to obtain minimum downslope dike toe

$20.0 \text{ ft} - 10 \text{ ft} = 10 \text{ feet}$

2. Calculate Minimum mound size based on geometry:

a. Determine depth of clean sand fill at upslope edge of rock layer: Separation 1.3 feet

b. Multiply rock layer width by landslope to determine drop in elevation;

Slope Difference

$\frac{10}{100} \times 9\% + 100 = .9 \text{ feet}$

c. Add depth of clean sand for separation (2a) at upslope edge, depth of rock layer (1 foot) to depth of cover (1 foot) to find the mound height at the upslope edge of rock layer;

$1.3 \text{ ft} + 1 \text{ ft} + 1 \text{ ft} = 3.3 \text{ feet SE}$

d. Enter table with landslope and upslope dike ratio.

Select dike multiplier of 2.94.

e. Multiply dike multiplier by upslope mound height

to find upslope dike width:  $3.3 \times 2.94 = 10 \text{ feet SE}$

f. Add depth of clean sand for slope difference (2b) at downslope edge, to the mound height at the upslope edge of rock layer (2c) to find the downslope height;

$3.3 \text{ ft} + .9 \text{ ft} = 4.2 \text{ feet}$

g. Enter table with landslope and downslope dike ratio.

Select dike multiplier of 6.25 SE

h. Multiply dike multiplier by downslope mound height

to get downslope dike width:  $6.25 \times 4.2 = 26 \text{ feet SE}$

i. Compare the values of step G.1 and Step G.2h. Select the greater of the two values as the downslope dike width;

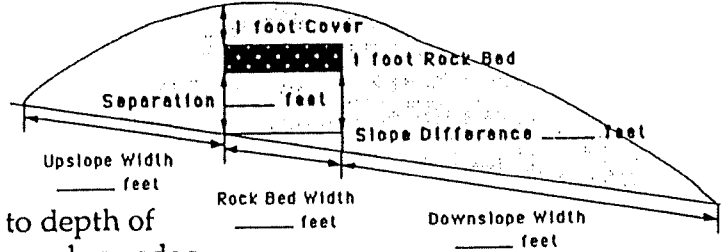
26 feet

j. Total mound width is the sum of upslope dike (G.2e) width plus rock layer width (D.2) plus downslope dike width (G.2i);

$10 \text{ ft} + 10 \text{ ft} + 26 \text{ ft} = 46 \text{ feet SE}$

k. Total mound length is the sum of upslope dike width (G.2e) plus rock layer length (D.3) plus upslope dike width (G.2e);

$\frac{10}{26} \text{ ft} + \frac{62}{62} \text{ ft} + \frac{11}{21} \text{ ft} = \frac{83}{109} \text{ feet}$

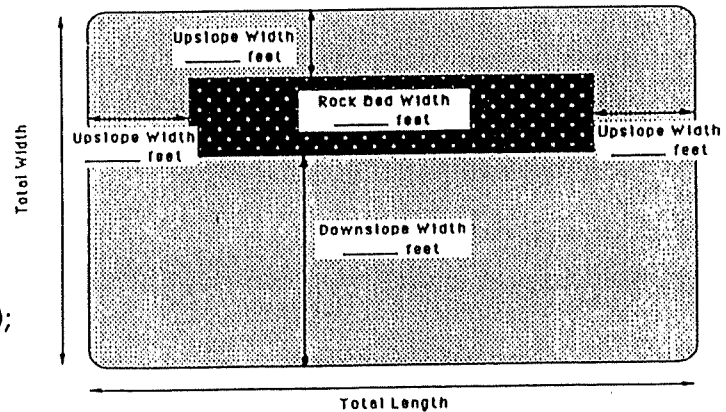


NW 6.25

NW  $3.3 \times 3.23 = 11 \text{ UPSLOPE}$

$3.3 + .9 = 3.9$

NW  $3.9 \times 5.26 = 21 \text{ DOWNSLOPE}$



W + 10 + 21 = 42

% slope	Downslope					Upslope					
	3:1	4:1	5:1	6:1	7:1	3:1	4:1	5:1	6:1	7:1	8:1
0	3.0	4.0	5.0	6.0	7.0	3.0	4.0	5.0	6.0	7.0	8.0
1	3.09	4.17	5.26	6.38	7.53	2.91	3.85	4.76	5.66	6.54	7.41
2	3.19	4.35	5.56	6.82	8.14	2.83	3.70	4.54	5.36	6.14	6.90
3	3.30	4.54	5.88	7.32	8.86	2.75	3.57	4.35	5.08	5.79	6.45
4	3.41	4.76	6.25	7.89	9.72	2.68	3.45	4.17	4.84	5.46	6.06
5	3.53	5.00	6.67	8.57	10.77	2.61	3.33	4.00	4.62	5.19	5.71
6	3.66	5.26	7.14	9.38	12.07	2.54	3.23	3.85	4.41	4.93	5.41
7	3.80	5.56	7.69	10.34	13.73	2.48	3.12	3.70	4.23	4.70	5.13
8	3.95	5.88	8.33	11.54	15.91	2.42	3.03	3.57	4.05	4.49	4.88
9	4.11	6.25	9.09	13.04	18.92	2.36	2.94	3.45	3.90	4.30	4.65
10	4.29	6.67	10.0	15.00	23.33	2.31	2.86	3.33	3.75	4.12	4.44
11	4.48	7.14	11.11	17.65	30.43	2.26	2.78	3.23	3.61	3.95	4.26
12	4.69	7.69	12.50	21.43	43.75	2.21	2.70	3.12	3.49	3.80	4.08

**PUMP SELECTION PROCEDURE**

**A. Determine pump capacity:**

**Gravity Distribution**

1. Minimum suggested is 600 gallons per hour (10 gpm) to stay ahead of water use rate.
2. Maximum suggested for delivery to a drop box of a home system is 2,700 gallons per hour (45 gpm) to prevent build-up of pressure in drop box.

**Pressure Distribution**

3. a. Select number of perforated laterals 3
- b. Select perforation spacing = 3 feet.
- c. Subtract 2 ft. from the rock layer length.  
 $\frac{160}{\text{Rock Layer length}} - 2 \text{ ft.} = \underline{160}$  feet.
- d. Determine the number of spaces between perforations.  
Length perf. spacing =  $160 \text{ ft.} + 3 \text{ ft.} = \underline{20}$  spaces
- e.  $\underline{20}$  spaces + 1 = 21 perforations/lateral
- f. Multiply perforation per lateral by number of laterals to get total number of perforations.  $\frac{3}{\text{lateral}} \times \frac{21}{\text{perfs/lateral}} = \underline{63}$  perforations.
- g.  $\frac{63}{\text{perfs}} \times \frac{14}{\text{gpm/perf}} = \underline{47}$  gpm.

SELECTED PUMP CAPACITY 47 gpm

**B. Determine head requirements:**

PROPOSED  
6'  
5'  
1/2" HEAD

1. Elevation difference between pump and point of discharge. 13 feet
2. If pumping to a pressure distribution system, five feet for pressure required at manifold if gravity system, zero. 5 feet
3. Friction loss
  - a. Enter friction loss table with gpm and pipe diameter. Read friction loss in feet per 100 feet from table. F.L. = 3.5 ft./100 ft of pipe
  - b. Determine total pipe length from pump to discharge point. Add 25 percent to pipe length for fitting loss, or use a fitting loss chart. Equivalent pipe length - 1.25 times pipe length =  $\underline{130} \times 1.25 = \underline{162}$  feet
  - c. Calculate total friction loss by multiplying friction loss in ft/100 ft by equivalent pipe length. Total friction loss =  $\underline{3.5} \times \underline{162} + 100 = \underline{6}$  feet
4. Total head required is the sum of elevation difference, special head requirements, and total friction loss.

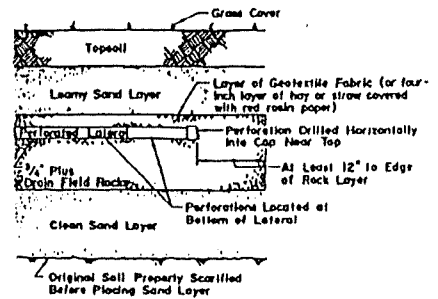
$$\frac{13}{(1)} + \frac{5}{(2)} + \frac{6}{(3c)}$$

TOTAL HEAD 24 feet

**C. Pump selection**

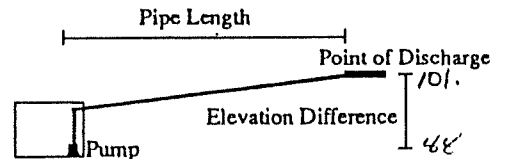
1. A pump must be selected to deliver at least 47 gpm (Step A) with at least 24 feet of total head (Step B).

END PERFORATION OF A PERFORATED LATERAL



Required Perforation Discharge in gallons per minute (gpm)		
Discharge Head (feet)	3/32 inch perf	1/4 inch perf
1.0a	0.56	0.74
2.0b	0.80	1.04

a. Use for single family homes  
b. Use for all other applications



F-18b

gpm	Friction loss per 100 ft of pipe		
	1.5 inch	2.0 inch	3.0 inch
10	0.69	0.20	
12	0.96	0.28	
14	1.28	0.38	
16	1.63	0.48	
18	2.03	0.60	
20	2.47	0.73	0.11
25	3.73	1.11	0.16
30	5.23	1.55	0.23
35	7.90	2.06	0.30
40	11.07	2.64	0.39
45	14.73	3.28	0.48
50		3.99	0.58
55		4.76	0.70
60		5.60	0.82

CERTIFICATION # 00627 Logs of Soil BoringsLocation or Project Mark Harrington, 4080 Bayside Rd., OronoBorings made by S-P Testing, Inc. Steve Schirmers Date 11-9-94Classification System: AASHO     ; USDA-SCS X; Unified     ; Other     Auger used (check two): Hand X, or Power     , Flight     , or Bucket X

Depth, in feet	Boring number <u>4</u>	Depth, in feet	Boring number <u>5</u>
	Surface elevation <u>96.0</u>		Surface elevation <u>98.1</u>
0 -		0 -	
1 -	Topsoil dark brown loam	1 -	Topsoil dark brown loam
2 -		2 -	0 - 1'8"-MOTTLED 1'8" Rusty dark gray brown loam
3 -	0 - 2-1/2'-MOTTLED 2-1/2' Rusty dark gray loam	3 -	1'8" - 2'4" Rusty dark gray clay loam
4 -	2-1/2' - 3'2" Rusty dark gray clay loam	4 -	2'4" - 3'4" Rusty gray clay loam
5 -	3'2" - 3'10" Rusty gray clay loam	5 -	3'4" - 5'
6 -	3'10" - 5'	6 -	
7 -		7 -	
8 -		8 -	

End of boring at 5' feet.

Standing water table:

present at      feet of depth,  
     hours after boring.Not present in hole X.

Mottled soil:

Observed at 2-1/2' feet of depth.Not present in hole     .

Comments:

End of boring at 5' feet.

Standing water table:

present at      feet of depth,  
     hours after boring.Not present in hole X.

Mottled soil:

Observed at 1'8" feet of depth.Not present in hole     .

Comments:

CERTIFICATION # 00627 Logs of Soil Borings

Location or Project Mark Harrington, 4080 Bayside Rd., Orono

Borings made by S-P Testing, Inc. Steve Schirmers Date 11-9-94

Classification System: AASHO     ; USDA-SCS X; Unified     ; Other     

Auger used (check two): Hand X, or Power     , Flight     , or Bucket X

Depth, in feet	Boring number <u>6</u> Surface elevation <u>95.5</u>	Depth, in feet	Boring number <u>7</u> Surface elevation <u>93.4</u>
0 -		0 -	
1 -	Topsoil dark brown loam	1 -	Topsoil dark brown loam 0 - 1'2"
2 -	0 - 2'4"-MOTTLED 2'4"	2 -	Brown clay loam 1'2" - 1'8"-MOTTLED 1'8"
3 -	Rusty dark gray clay loam	3 -	Rusty olive brown clay loam 1'8" - 3'10"
4 -	2'4" - 4-1/2' Rusty olive gray clay loam	4 -	Rusty olive brown loam 3'10" - 5'
5 -	4-1/2' - 5'	5 -	
6 -		6 -	
7 -		7 -	
8 -		8 -	

End of boring at 5' feet.

Standing water table:  
present at      feet of depth,  
     hours after boring.

Not present in hole X.

Mottled soil:

Observed at 2'4" feet of depth.  
Not present in hole     .

Comments:

End of boring at 5' feet.

Standing water table:  
present at      feet of depth,  
     hours after boring.

Not present in hole X.

Mottled soil:

Observed at 1'8" feet of depth.  
Not present in hole     .

Comments:

CERTIFICATION # 00627 Logs of Soil Borings

Location or Project Mark Harrington, 4080 Bayside Rd. Orono

Borings made by S-P Testing, Inc. Steve Schirmers Date 12-12-94

Classification System: AASHO     ; USDA-SCS X; Unified     ; Other     

Auger used (check two): Hand X, or Power     , Flight     , or Bucket X

Depth, in feet	Boring number <u>8</u> Surface elevation <u>97.3</u>	Depth, in feet	Boring number <u>    </u> Surface elevation <u>    </u>
0 -		0 -	
1 -	Topsoil dark brown loam 0 - 1'4"	1 -	
2 -	Very dark gray clay loam 1'4" - 2-1/2' - MOTTLED 2-1/2'	2 -	
3 -	Rusty olive gray clay loam 2-1/2' - 3-1/2'	3 -	
4 -	Rusty olive gray silty clay loam 3-1/2' - 4-1/2'	4 -	
5 -	Rusty olive gray loam 4-1/2' - 5'	5 -	
6 -		6 -	
7 -		7 -	
8 -		8 -	

End of boring at 5' feet.  
 Standing water table:  
 present at      feet of depth,  
     hours after boring.  
 Not present in hole X.

Mottled soil:  
 Observed at 2-1/2' feet of depth.  
 Not present in hole     .  
 Comments:

End of boring at      feet.  
 Standing water table:  
 present at      feet of depth,  
     hours after boring.  
 Not present in hole     .

Mottled soil:  
 Observed at      feet of depth.  
 Not present in hole     .  
 Comments:

## PERCOLATION TEST DATA SHEET

Percolation test readings made by S-P Testing, Inc. on 11-10-94 starting at 2:49 <sup>a.m.</sup> p.m.  
 Test hole location 4080 Bayside Rd., Hole number 4, Date hole was prepared 11-9-94

Depth of hole bottom 12 inches, Diameter of hole 6 inches

Soil data from test hole:

Depth, inches	Soil texture
<u>0 - 12"</u>	<u>Topsoil dark brown loam</u>

Method of scratching sidewall Knife

Depth of gravel in bottom of hole 2 inches

Date and hour of initial water filling 11-9-94 3:00pm, Depth of initial water filling 12 inches above hole bottom

Method used to maintain at least 12 inches of water depth in hole for at least 4 hours Automatic siphon

Maximum water depth above hole bottom during test 6 inches

Time	Time interval, minutes	Measurement, inches	Drop in water level, inches	Percolation rate, minutes per inch	Remarks
<u>2:35</u>	<u>prefill</u>	<u>6</u>			
<u>2:49</u>	<u>3:04</u>	<u>"</u>	<u>5-1/2</u>	<u>2.7</u>	<u>15 min</u>
<u>3:10</u>	<u>3:25</u>	<u>"</u>	<u>5-1/4</u>	<u>2.9</u>	<u>" "</u>
<u>3:26</u>	<u>3:41</u>	<u>"</u>	<u>5-1/8</u>	<u>2.9</u>	<u>" "</u>

Percolation rate = 2.8 minutes per inch.

## PERCOLATION TEST DATA SHEET

Percolation test readings made by S-P Testing, Inc. on 11-10-94 starting at 2:50 a.m.  
p.m.

Test hole location 4080 Bayside Rd., Hole number 5, Date hole was prepared 11-9-94

Depth of hole bottom 12 inches, Diameter of hole 6 inches

Soil data from test hole:

Depth, inches	Soil texture
<u>0 - 12"</u>	<u>Topsoil dark brown loam</u>

Method of scratching sidewall Knife

Depth of gravel in bottom of hole 2 inches

Date and hour of initial water filling 11-9-94 3:00pm, Depth of initial water filling 12 inches above hole bottom

Method used to maintain at least 12 inches of water depth in hole for at least 4 hours Automatic siphon  
 \_\_\_\_\_, Maximum water depth above hole bottom during test 6 inches

Time	Time interval, minutes	Measurement, inches	Drop in water level, inches	Percolation rate, minutes per inch	Remarks
<u>2:35</u>	<u>prefill</u>	<u>6</u>			
<u>2:50</u>	<u>3:05</u>	<u>"</u>	<u>3-13/16</u>	<u>3.9</u>	<u>15 min</u>
<u>3:06</u>	<u>3:21</u>	<u>"</u>	<u>3-5/8</u>	<u>4.1</u>	<u>" "</u>
<u>3:22</u>	<u>3:37</u>	<u>"</u>	<u>3-1/2</u>	<u>4.3</u>	<u>" "</u>

Percolation rate = 4.1 minutes per inch.



## PERCOLATION TEST DATA SHEET

Percolation test readings made by S-P Testing, Inc. on 11-10-94 starting at 2:51 a.m.

Test hole location 4080 Bayside Rd., Hole number 6 (date), Date hole was prepared 11-9-94 p.m.

Depth of hole bottom 12 inches, Diameter of hole 6 inches

Soil data from test hole:

Depth, inches	Soil texture
<u>0 - 12"</u>	<u>Topsoil dark brown loam</u>

Method of scratching sidewall Knife

Depth of gravel in bottom of hole 2 inches

Date and hour of initial water filling 11-9-94 3:00pm, Depth of initial water filling 12 inches above hole bottom

Method used to maintain at least 12 inches of water depth in hole for at least 4 hours Automatic siphon

Maximum water depth above hole bottom during test 6 inches

Time	Time interval, minutes	Measurement, inches	Drop in water level, inches	Percolation rate, minutes per inch	Remarks
<u>2:35</u>	<u>prefill</u>	<u>6</u>			
<u>2:51</u>	<u>3:01</u>	<u>"</u>	<u>5-1/2</u>	<u>1.8</u>	<u>10 min</u>
<u>3:02</u>	<u>3:12</u>	<u>"</u>	<u>5-1/2</u>	<u>1.8</u>	<u>" "</u>
<u>3:13</u>	<u>3:23</u>	<u>"</u>	<u>5-3/8</u>	<u>1.9</u>	<u>" "</u>

Percolation rate = 1.8 minutes per inch.

# Compliance inspection report form

## Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

**Instructions:** Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at <https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf>.

### Property information

Local tracking number: \_\_\_\_\_

Parcel ID# or Sec/Twp/Range: 0611723140014 Reason for Inspection Property Transfer

Local regulatory authority info: City of Orono

Property address: 4080 Bayside Road

Owner/representative: Mark Harrington Owner's phone: 612-308-4563

Brief system description: Approximately 2-1250-gallon septic tanks, 1-1250-gallon lift station and 630 square feet of mound rock bed.

### System status

System status on date (mm/dd/yyyy): 6/15/2022

**Compliant – Certificate of compliance\***

**Noncompliant – Notice of noncompliance**

*(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)*

*Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.*

**\*Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

*An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance or under section 145A.04 subdivision 8.*

#### Reason(s) for noncompliance (check all applicable)

- Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- Soil separation (Compliance component #5) – *Failing to protect groundwater*
- Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*

#### Comments or recommendations

There is 1.0 feet of sand under the rock bed.

TBM: Top of the lift station 4X4. ELV.-100.0

This system is designed for a five bedroom house.

### Certification

*I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.*

**By typing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.**

Business name: Rusty Olson Soil & percolation Testing

Certification number: C1255

Inspector signature: Joseph J. Olson

License number: L810

*(This document has been electronically signed)*

Phone: 763-498-8779

### Necessary or locally required supporting documentation (must be attached)

- Soil observation logs
- System/As-Built
- Locally required forms
- Tank Integrity Assessment
- Operating Permit
- Other Information (list): \_\_\_\_\_

Property Address: 4080 Bayside Road

Business Name: Rusty Olson Soil & percolation Testing

Date: 6/15/2022

### 1. Impact on public health – Compliance component #1 of 5

**Compliance criteria:**

System discharges sewage to the ground surface	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
System discharges sewage to drain tile or surface waters.	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
System causes sewage backup into dwelling or establishment.	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No

*Any "yes" answer above indicates the system is an imminent threat to public health and safety.*

**Describe verification methods and results:**

Visual. Nothing was found

**Attached supporting documentation:**

Other: \_\_\_\_\_  
 Not applicable

### 2. Tank integrity – Compliance component #2 of 5

**Compliance criteria:**

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	<input type="checkbox"/> Yes* <input type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth?	<input type="checkbox"/> Yes* <input type="checkbox"/> No
If yes, which sewage tank(s) leaks:	

*Any "yes" answer above indicates the system is failing to protect groundwater.*

**Describe verification methods and results:**

Elmer J. Peterson Company pumped the tanks.

**Attached supporting documentation:**

Empty tank(s) viewed by inspector

Name of maintenance business: \_\_\_\_\_

License number of maintenance business: \_\_\_\_\_

Date of maintenance: \_\_\_\_\_

Existing tank integrity assessment (Attach)

Date of maintenance 5/26/2022  
(mm/dd/yyyy): (must be within three years)

*(See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))*

Tank is Noncompliant (pumping not necessary – explain below)

Other: \_\_\_\_\_

Property Address: 4080 Bayside Road

Business Name: Rusty Olson Soil & percolation Testing

Date: 6/15/2022

### 3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

Yes\*  No  Unknown

3b. Other issues (*electrical hazards, etc.*) to immediately and adversely impact public health or safety?  Yes\*  No  Unknown

*\*Yes to 3a or 3b - System is an imminent threat to public health and safety.*

3c. System is non-protective of ground water for other conditions as determined by inspector?

Yes\*  No

3d. System not abandoned in accordance with Minn. R. 7080.2500?

Yes\*  No

*\*Yes to 3c or 3d - System is failing to protect groundwater.*

**Describe verification methods and results:**

Visual. Nothing was found

Attached supporting documentation:  Not applicable

### 4. Operating permit and nitrogen BMP\* – Compliance component #4 of 5 Not applicable

Is the system operated under an Operating Permit?

Yes  No If "yes", A below is required

Is the system required to employ a Nitrogen BMP specified in the system design?  Yes  No

If "yes", B below is required

*BMP = Best Management Practice(s) specified in the system design*

**If the answer to both questions is "no", this section does not need to be completed.**

**Compliance criteria:**

a. Have the operating permit requirements been met?

Yes  No

b. Is the required nitrogen BMP in place and properly functioning?

Yes  No

**Any "no" answer indicates noncompliance.**

**Describe verification methods and results:**

Attached supporting documentation:  Operating permit (Attach)

Property Address: 4080 Bayside Road

Business Name: Rusty Olson Soil & percolation Testing

Date: 6/15/2022

### 5. Soil separation – Compliance component #5 of 5

Date of installation 7/28/1997  Unknown  
*(mm/dd/yyyy)*

Shoreland/Wellhead protection/Food beverage lodging?  Yes  No

**Compliance criteria (select one):**

5a. For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment:  Yes  No\*  
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

5b. Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment:  Yes  No\*  
Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.\*

5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080. 2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day)  Yes  No\*  
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

**Attached supporting documentation:**

- Soil observation logs completed for the report
- Two previous verifications of required vertical separation
- Not applicable (No soil treatment area)
- \_\_\_\_\_

**Indicate depths or elevations**

A. Bottom of distribution media	97.7
B. Periodically saturated soil/bedrock	94.7
C. System separation	3.0
D. Required compliance separation*	2.55

\*May be reduced up to 15 percent if allowed by Local Ordinance.

*\*Any "no" answer above indicates the system is failing to protect groundwater.*

**Describe verification methods and results:**

**Upgrade requirements:** (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.

## Tank Report

Date: May 26, 2022

Elmer J. Peterson Co.  
5921 Dague Ave.  
Delano, MN 55328  
Phone 763-972-2420  
Fax 763-972-7217  
MPCA License# 219

Mark and Monica Harrington  
4080 Bayside Road  
Orono, MN  
612-308-4563

Baffles:  ON / OFF

Tank Capacity: 3-1250 Gallon Tanks

# of Tanks: 3

Type of Tanks: Concrete

Gallons Pumped: 3500

Manholes to Grade:  YES / NO

Comments:

On May 26, 2022, Elmer J. Peterson Co. pumped tanks. 2 piece tanks that are starting to corrode.

NOTE: This is only a tank report. This is not a compliance inspection for point of sale nor does it replace a compliance inspection.

# Sewage tank integrity assessment form

## Subsurface Sewage Treatment Systems (SSTS) Program

Doc Type: Compliance and Enforcement

**Purpose:** This form *may* be used to certify the compliance status of the sewage tank components of the SSTS. This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed by a qualified professional. SSTS compliance inspection report forms can be found at: <https://www.pca.state.mn.us/water/inspections>.

**Instructions:** This form may be completed, and signed, by a Designated Certified Individual (DCI) of a licensed SSTS inspection, maintenance, installation, or service provider business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system. Only a licensed maintenance business is authorized to pump the tank for assessment. A copy of this information should be submitted to the system owner and be maintained by the licensed SSTS business for a period of five (5) years from the assessment date.

When this form is signed by a qualified certified professional, it becomes *necessary supporting documentation* to an Existing System Compliance Inspection Report: [Compliance inspection form - Existing system \(wq-wwists4-31b\)](#). This form can be found on the MPCA website at <https://www.pca.state.mn.us/water/inspections>.

The information and certified statement on this form is **required** when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4(B)(1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4(B),(C), and (D) and; Minn. R. 7083.0730(C).

### Owner information

Owner/Representative Mark or Monica Harrington

Property address: 4080 Bayside Road, Orono, MN

Local Regulatory Authority: \_\_\_\_\_

Parcel ID: \_\_\_\_\_

### System status

System status on date (mm/dd/yyyy): 5/26/2022

Certificate of sewage tank compliance

Notice of sewage tank non-compliance

#### Compliance criteria:

The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit - "Failure to Protect Groundwater."

Yes\*  No

The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect Groundwater."

Yes\*  No

The SSTS presents a threat to public safety by reason of structurally unsound (damaged, cracked, or weak) maintenance hole cover(s) or lids or any other unsafe condition - "Imminent Threat to Public Health or Safety."

Yes\*  No

*Any "yes" answer above indicates sewage tank non-compliance.*

### Company Information

Company name: Elmer J. Peterson Co

Business license number: 219

### Designated Certified Individual (DCI) information

Print name: James L Braegelmann

Certification number: \_\_\_\_\_

*I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS inspection, maintenance, installation, or service provider Business. I personally conducted the necessary procedures to assess the compliance status of each sewage tank in this SSTS.*

**By typing/signing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.**

Designated Certified Individual's signature: James L Braegelmann

Date (mm/dd/yyyy): 5/26/2022

*(This document has been electronically signed.)*

# Soil Observation Log

www.SepticResource.com vers 12.4

Owner Information	
Property Owner / project: <u>Mark Harington</u>	Date <u>6/4/2022</u>
Property Address / PID: <u>4080 Bayside Road</u>	

Soil Survey Information	
<input type="checkbox"/> refer to attached soil survey	
Parent mat'l's:	<input checked="" type="checkbox"/> Till <input type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input type="checkbox"/> Alluvium <input type="checkbox"/> Organic <input type="checkbox"/> Bedrock
landscape position:	<input type="checkbox"/> Summit <input type="checkbox"/> Shoulder <input checked="" type="checkbox"/> Side slope <input type="checkbox"/> Toe slope
soil survey map units:	<u>L41C2</u> slope _____ % direction- <u>Lineal</u>

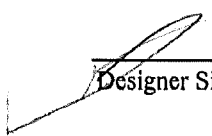
Soil Log #1							
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
<input checked="" type="checkbox"/> Boring <input type="checkbox"/> Pit                        Elevation <u>96.7</u> Depth to SHWT <u>28</u> inches							
0-22	Loam	<35	10yr3/1		Friable	Strong	Blocky
22-28	Loam	<35	10yr34/3		Friable	Strong	Blocky
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
Comments: TBM:Top of lift station 4X4 EI-100.0							



4080 Bayside Road		Soil Log #2					
	<input checked="" type="checkbox"/> Boring	<input type="checkbox"/> Pit	Elevation <u>96.7</u>	Depth to SHWT <u>26</u>	inches		
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-20	Loam	<35	10yr3/1		Friable	Strong	Blocky
20-26	Clay Loam	<35	2.5y4/3		Friable	Strong	Blocky
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive

4080 Bayside Road		Soil Log #3					
	<input type="checkbox"/> Boring	<input type="checkbox"/> Pit	Elevation _____	Depth to SHWT _____			
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive

I hereby certify this work was completed in accordance with MN 7080 and any local req's.

  
 \_\_\_\_\_  
 Designer Signature

Rusty Olson's Soil & Perc  
 Company

810  
 License #

# SEPTIC SYSTEM INVENTORY

Site Address: 4080 Bayside Rd

PID 06-117-23-14-0014

Owner Name: Mark & Monica Harrington

Owner Address: 4080 Bayside Rd Maple Plain MN 55359-

BuildingType: residence Installer: Widmer Bros., Swedlund, Coppin Plbg.

Date of Permit: 10/8/87, 6/9/95

System Type: mound BR's Designed for 3

In Musa?: No Shoreland?:

## SEPTIC TANKS:

Material: precast concrete Capacity: 1000, 1000, 1000, 1000 Tank Filter:

## DRAINFIELD:

Treatment Area: 100\*50 Soil Boring: yes DF Ht above Wt: 3

## WELL DATA

Setbacks - Well Tanks: 50 Well DF: 50 Report In File: Depth:

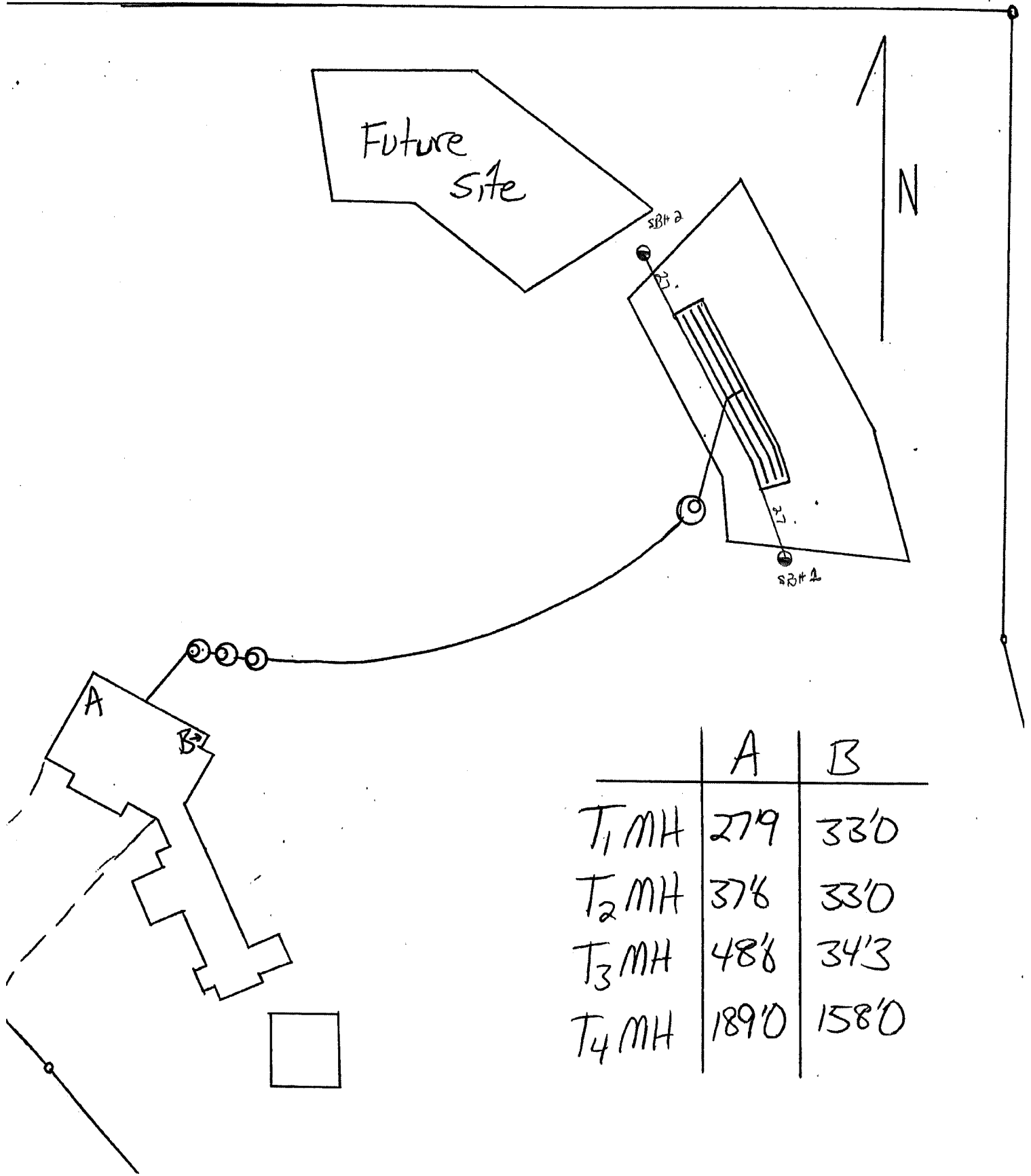
### INSPECTION RECORDS

Date	Notes
11/1/2005	OK
6/9/2003	no surfacing,replace septic tanks cover,fix wiring
5/29/2001	no surfacing,secure septic lids
11/12/1999	no surfacing, pump tanks
7/28/1997	final-mound addition (10'*62' rock)
6/12/1995	add septic tank (3rd of 4 tanks)
8/9/1993	no surfacing-pump tanks
6/25/1991	no surfacing-pump tanks
10/14/1987	replacement installation
10/14/1987	replacement installation

### PUMPOUT RECORDS

Date	GallonsOfLiquid
10/6/2017	3000
9/20/2013	3000
8/30/2010	0
8/3/2006	
9/1/2004	
11/1/2001	2500
2/3/2000	2500
6/1/1992	2000
6/1/1992	2000

4080 Bayside Rd.



	A	B
T <sub>1</sub> MH	279	33'0
T <sub>2</sub> MH	37'6	33'0
T <sub>3</sub> MH	48'8	34'3
T <sub>4</sub> MH	189'0	158'0