



# LEWIS & CLARK CITY-COUNTY Health Department

Environmental Division  
316 N. Park. Rm. 404  
Helena, MT 59623  
Ph: 406.447.8351  
Fax: 406.447.8398

14874

APPLICATION FOR A SITE EVALUATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM

14862

**NO CONSTRUCTION** of dwellings, domestic wells, or septic systems shall take place until: 1) this site evaluation is complete and 2) a numbered septic permit is issued for this system by the Lewis and Clark City-County Health Department.

If any construction occurs prior to a permit being issued, the permit fee will be doubled and additional civil administrative penalty fees may be charged.

*see also permit 107812*

Office Use	
Date Rec'd	11-10-09
Fee Paid	300.00
Receipt #	1004115

*Center for Mental Health pd for site work*

*CPA 4934*

Fee for site evaluation only:

- New Site \$300/per system
- Existing Field Replacement \$300/per system
- Review of Existing System \$300/per system

OFFICE USE	
Add'l Time charged	
DATE	TIME

Has the existing system failed or malfunctioned? No  
Is there surfacing sewage? No

Property Owner Jennifer Krause & Julie Krause

Property Address 3210 Euclid

Installer Jim Webber (C) NC Phone 443-3807

Treatment system to serve: Residential  Commercial  Other  Group Home

Total Living Space 5,000 square feet and 8 number of bedrooms - *we will put in 8 bedrooms - and 8 staff also -*

Type of Water Supply well

Who should we contact to arrange a site visit? Joan Higgins-Smith

Phone # 443-7151

THE ABOVE INFORMATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND I UNDERSTAND THAT IF ANY OF THE INFORMATION IS FOUND TO BE UNTRUE, MY APPLICATION WILL NOT BE VALID AND ANY PERMITS ISSUED BASED ON THIS INFORMATION MAY BE VOIDED.

Signature of Applicant \_\_\_\_\_ Date \_\_\_\_\_

*"To Improve and Protect the Health of all Lewis and Clark County Residents."*

PROPERTY OWNER	Jennifer and Julie Krause
PROPERTY ADDRESS	3210 Euclid / 3203 Broadwater

SCS Symbol		¼	¼	¼	SECTION	TOWNSHIP	RANGE
SCS Name					22	10N	4W

Application complete?	yes	On-site visit required	yes
Depth to seasonally high groundwater:		Verified by:	
Groundwater monitoring required?		Vegetative indicators	
Depth to unsuitable treatment material:		How verified:	
Is property in floodplain?	Yes, see panel 1538	Or within 100' of 100 yr. Floodway	
Slope at treatment area:	0-2%	7 foot test hole required?	
Is phosphorus breakthrough required?		Is nitrate sensitivity required?	
Is there room for a replacement system?	no	Are all separation requirements met?	no

APPROVED?      no      BASIS FOR DENIAL: existing system insufficient, lack of replacement area

RE-EVALUATION DATE      APPROVED?      BASIS:

**SITE OBSERVATIONS:** These two parcels are currently developed with an office structure and single family residence. They were permitted by this department for an office building and "shop" not to be used for residential purposes. Both structures as connected to a wastewater treatment system permitted by this department in 1982. This was prior to FEMA designating a flood plain in this area. The southern portion of this property is now designated 100 year flood plain. The connection of the shop and office building to the existing system was allowed by this department based on the fact that the wastewater flow from the proposed use was less than the previous use. The conversion of the two structures to group homes (based on DEQ flow estimates) will be an increased wastewater flow and will require upgrading/replacement of the existing treatment field. This will also subject the system to the current county and state wastewater treatment system requirements. One of which is that all treatment fields be 100 feet from the 100 year flood plain. If a property owner feels that the flood mapping is in error they may submit additional information to FEMA and request a letter of map amendment. Paul Spangler, Lewis and Clark County Flood Plain Administrator, should be contacted for specific details on that process.

Even without the flood plain issue, there is very limited space for an upgraded system and the required replacement area on this site. The site is further compromised due to the fact that much of the area that was supposed to be reserved for replacement are is now a paved parking lot. It may be possible, but will require an advanced treatment system and a scaled layout. It may be helpful to retain the services of a professional consultant.

Until a detailed plan is prepared, and the location to the 100 year flood plain can be shown to be further to the south, it is my determination that this site can not support the intended use as a group home.

DOES THIS SITE MEET THE REQUIREMENTS OF THE 2008 ON-SITE WASTEWATER TREATMENT REGULATIONS? no

SOIL TYPE:      TEXTURAL CLASSIFICATION:

REVIEWED BY: Frank Preskar, R.S. DATE: 12-1-09

*see permits 100707  
107012*



## PROPERTY PROFILE

DATE: JUNE 5, 2009

PREPARED ESPECIALLY FOR: **RANDALL GREEN @ GREEN & GREEN**  
PREPARED BY : **RIA** OUR ORDER NO: **PP4236**

OWNER OF RECORD: **JENNIFER KRAUSE AND JULIE KRAUSE**

PROPERTY ADDRESS: **3210 EUCLID AVE., HELENA, MONTANA**  
**3203 BROADWATER AVE, HELENA, MONTANA**  
(ADDRESS ACCORDING TO TAX ROLL)

### LEGAL DESCRIPTION:

**PARCEL #1: LOTS 1A, 2A AND 3A OF THE AMENDED SUBDIVISION PLAT RETRACING PORTIONS OF LOTS 1 THROUGH 7 IN BLOCK 27, LESS 15 FEET HERETOFORE TRANSFERRED TO LEWIS AND CLARK COUNTY, AND THE WEST 25 FEET OF THAT UNNAMED STREET BETWEEN BLOCKS 27 AND 28 OF THE HOTEL PARK ADDITION NO. 2 TO THE CITY OF HELENA, AS SHOWN ON CERTIFICATE OF SURVEY FILED UNDER DOCUMENT NUMBER 583254/AS, RECORDS OF LEWIS AND CLARK COUNTY, MONTANA.**

**PARCEL #2: A TRACT OF LAND IN THE E1/2 SE1/4 OF SECTION 22, TOWNSHIP 10 NORTH, RANGE 4 WEST, P.M.M., IN LEWIS AND CLARK COUNTY, MONTANA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:**

**BEGINNING AT THE NORTHEAST CORNER OF LOT 1A, BLOCK 27 AMENDED HOTEL PARK ADDITION No. 2; THENCE S62°01'15"W 163.12 FEET; THENCE N29°58'46"W, 152.09 FEET; THENCE N62°01'15"E, 162.99 FEET; THENCE S30°01'34"E 152.10 FEET TO THE POINT OF BEGINNING, AS SHOWN ON CERTIFICATE OF SURVEY FILED UNDER DOCUMENT NUMBER 599136/T, RECORDS OF LEWIS AND CLARK COUNTY, MONTANA.**

### PROPERTY TAX INFORMATION:

**GEO CODE NO: 1887-22-4-06-18-0000 1887-22-4-06-13-0000**

**2008 TAXES: \$5,319.38 \$2,057.80**

**IF YOU NEED FURTHER INFORMATION FROM THE LEWIS AND CLARK COUNTY TREASURER'S OFFICE YOU CAN CONTACT THEM AT 406-447-8329**

This information is provided at no charge, liability or obligation by FIRST MONTANA TITLE COMPANY OF HELENA in conformance with the rules established by the Montana Insurance Commissioner.

Reserve Financial Center • 400 North Park Avenue • P.O. Box 251  
Helena, MT 59624 • (406) 443-4422



CITY-COUNTY BLDG  
 PO BOX 1723  
 316 NORTH PARK  
 HELENA MT 59624  
 (406) 447-8351

Application for Site Evaluation for An  
 On-Site Wastewater Treatment System

CITY-COUNTY HEALTH DEPARTMENT

NO CONSTRUCTION of dwellings, domestic wells, or septic systems shall take place until this site evaluation is complete and a numbered permit has been issued.

Office #	8-1301
Date Rec'd	8-13-01
Fee Paid	40.00
Receipt #	4001150

Fee for site evaluation only:

- New Site \$200/per system
- Existing Field Replacement \$200/per system
- Review of Existing System \$200/per system
- Tank Replacement \$40
- Permit Request Only

OFFICE USE	
Add'l Time charged	
DATE	TIME

Has the existing system failed or malfunctioned? NO  
 Is there surfacing sewage? NO

Property Owner Jeff Krause

Property Address 3210 Euclid Ave, Helena, MT 59601

Installer Larry Hall (CI) NC Phone 443-2245

Treatment system to serve: Residential  Commercial  Other

Total Living Space N/A shop bu. 1200 sq ft square feet and   number of bedrooms

Type of Water Supply well

Who should we contact to arrange a site visit? Larry Hall

Phone # 443-2245

THE ABOVE INFORMATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND I UNDERSTAND THAT IF ANY OF THE INFORMATION IS FOUND TO BE UNTRUE, MY APPLICATION WILL NOT BE VALID AND ANY PERMITS ISSUED BASED ON THIS INFORMATION MAY BE VOIDED.

Signature of Applicant Larry Hall Date 8/13/01



ON **E WASTEWATER TREATMENT SYSTEM PERMIT**  
 Lewis & Clark City-County Health Department  
 ENVIRONMENTAL DIVISION  
 316 North Park, P.O. Box 1723  
 Helena, MT 59624  
 (406) 447-8351

PERMIT 106008

Region	_____
Date Rec'd	_____
Fee Paid	_____
Check #	_____
Receipt #	_____

PROPERTY OWNER: Jeff Krause

PROPERTY ADDRESS: 3210 EUCLID AVENUE

LEGAL DESCRIPTION: 1/4 1/4 SE 1/4 SEC 22 T 10 N R 4 W

PERMIT ISSUED BY: Frank Proskor, R.S. DATE 10-8-98

INSTALLER: (CI) NC1 Jim Webber PHONE NO: 443-3807

TYPE OF SYSTEM: Tank / connecting to existing

MINIMUM CONSTRUCTION REQUIREMENTS:

Septic Tank: a) Size 1000 gallon  
 b) Material concrete  
 c) Inlet/Outlet Caulked must provide

Treatment Field: a) Linear feet of perforated pipe  
 b) trench depth (24" min to 36" max)  
 c) pressure dosed \_\_\_\_\_  
 d) cover materials \_\_\_\_\_

Distribution System: a) D-Box Yes \_\_\_\_\_ No \_\_\_\_\_  
 b) Baffle Yes \_\_\_\_\_ No \_\_\_\_\_  
 c) Dose tank Yes \_\_\_\_\_ No \_\_\_\_\_  
 Size \_\_\_\_\_

Distance to water source from: a) septic tank (50' minimum)  
 b) treatment field (100' minimum)

Existing

Inspection Results:
ok _____
ok _____
ok _____
actual _____
actual _____
ok _____
ok _____
ok _____
ok _____
actual _____
actual _____
actual _____

Inspections Required:	
Inspection	Date

SPECIAL REQUIREMENTS:  
Tank must be 50' from well. New well must be 100' from existing system + replacement area.  
Existing System Permit # is 100709

This system shall be installed in accordance with current Lewis & Clark City-County Health Department rules governing the on-site treatment of wastewater, and the minimum construction requirements and special requirements provided for in this permit. This permit is issued, based on the information provided on the permit application. If any of this information is found to be incorrect, or if the system is not installed as provided for, this permit shall be rendered null and void.

The system may not be backfilled without prior approval of the Department or as provided for Certified Installers. The pink copy of this permit shall be posted in a conspicuous spot at the construction site until permission is given to backfill the system.

This permit will expire two (2) years after the date of issuance. If your system has not been installed prior to the expiration of this permit, you will have to reapply and meet current standards at that time.

DIAGRAM SHOWING LAYOUT AND LOCATION OF SYSTEM FOR INSTALLATION:



OF THE WASTEWATER TREATMENT SYSTEM PERMIT  
 Lewis & Clark City-County Health Department  
 ENVIRONMENTAL DIVISION  
 316 North Park, P.O. Box 1723  
 Helena, MT 59624  
 (406) 447-8351

PERMIT 107812

Region	_____
Date Rec'd	_____
Fee Paid	_____
Check #	_____
Receipt #	_____

PROPERTY OWNER: Jeff Kraus

PROPERTY ADDRESS: 3203 Broadwater

LEGAL DESCRIPTION: 1/4 1/4 SE 1/4 SEC 22 T 10 NR 4 W Lot # \_\_\_\_\_

PERMIT ISSUED BY: Frank Prosser, R.S. DATE 8-18-03

INSTALLER:  NC Larry Hall PHONE NO: 443-2245

TYPE OF SYSTEM: Tank / connect to existing system

MINIMUM CONSTRUCTION REQUIREMENTS:

\* All Septic tanks must be equipped with an effluent filter

Septic Tank: a) Size 1000 gallons  
 b) Material \_\_\_\_\_  
 c) Inlet/Outlet Caulked \_\_\_\_\_

Treatment Field: a) \_\_\_\_\_ Linear feet of perforated pipe  
Existing b) \_\_\_\_\_ Linear feet of chambers 22" 34"  
 c) trench depth \_\_\_\_\_ (24" min to 36" max)  
 d) pressure dosed \_\_\_\_\_  
 e) cover materials \_\_\_\_\_

Distribution System: a) D-Box Yes \_\_\_\_\_ No \_\_\_\_\_  
 b) Baffle Yes \_\_\_\_\_ No \_\_\_\_\_  
 c) Dose tank Yes \_\_\_\_\_ No \_\_\_\_\_  
 Size \_\_\_\_\_

Distance to water source from: a) septic tank (50' minimum)  
 b) treatment field (100' minimum)

Inspection Results:	_____
ok	_____
ok	_____
ok	_____
actual	_____
actual	_____
ok	_____
ok	_____
ok	_____
ok	_____
actual	_____
actual	_____
actual	_____

Inspections Required:	
Inspection	Date

SPECIAL REQUIREMENTS:  
Tank must be equipped with an effluent filter.  
Tank must be 10' from all buildings and property lines and 50' from all wells

This system shall be installed in accordance with current Lewis & Clark City-County Health Department rules governing the on-site treatment of wastewater, and the minimum construction requirements and special requirements provided for in this permit. This permit is issued, based on the information provided on the permit application. If any of this information is found to be incorrect, or if the system is not installed as provided for, this permit shall be rendered null and void.

The system may not be backfilled without prior approval of the Department or as provided for Certified Installers. The pink copy of this permit shall be posted in a conspicuous spot at the construction site until permission is given to backfill the system.

This permit will expire two (2) years after the date of issuance. If your system has not been installed prior to the expiration of this permit, you will have to reapply and meet current standards at that time.

DIAGRAM SHOWING LAYOUT AND LOCATION OF SYSTEM FOR INSTALLATION:

**ISSUED**  
 AUG 27 2003  
 ENVIRONMENTAL HEALTH  
 PERMIT OFFICE

## Frank Preskar - site evaluation of 3210 Euclid

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**From:** "Joan Higgins-Smith"  
**To:**  
**Date:** 11/19/2009 12:43 PM  
**Subject:** site evaluation of 3210 Euclid

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Frank, have you had an opportunity to do a site evaluation?

On the application I put 8 beds and 2 staff on duty for each shift. That is what we will use the facility for--there may be as many as 10 beds in the commercial building. The other building (currently used as a home) on that site may some day be a group home with as many as 6 beds and 2 - 3 staff on duty during the day shifts and one staff on grave yard shift.

We had a well flow test done by Dustin at H & L Drilling and he found this data:

well depth: 280'  
static water level: 20'  
duration of pump test: 1 hour  
water draw down level: 57'  
well production in GPM: 13.5  
pump condition: in working condition-pump is variable speed pump  
comments: water was clear and sand free  
no water sample was taken.

Do you recommend a water sample taken? Joan

-----  
Joan Higgins-Smith  
Foundation - Helena  
Center for Mental Health  
900 N Jackson  
PO Box 744  
Helena, MT 59624  
406-443-7151  
joanhs@center4mh.org

-----"Partnering To Improve Lives"-----

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3210 Euclid man -  
3203 Broadwater Home  
Group Home / commercial Building

100 gallons per day per Bed  $\times 8 = 800$  gallons/day  
15 gallons per day per employee  $\times 8 = 120$  gallons/day  
920

existing system = 580 linear feet gravity treatment field

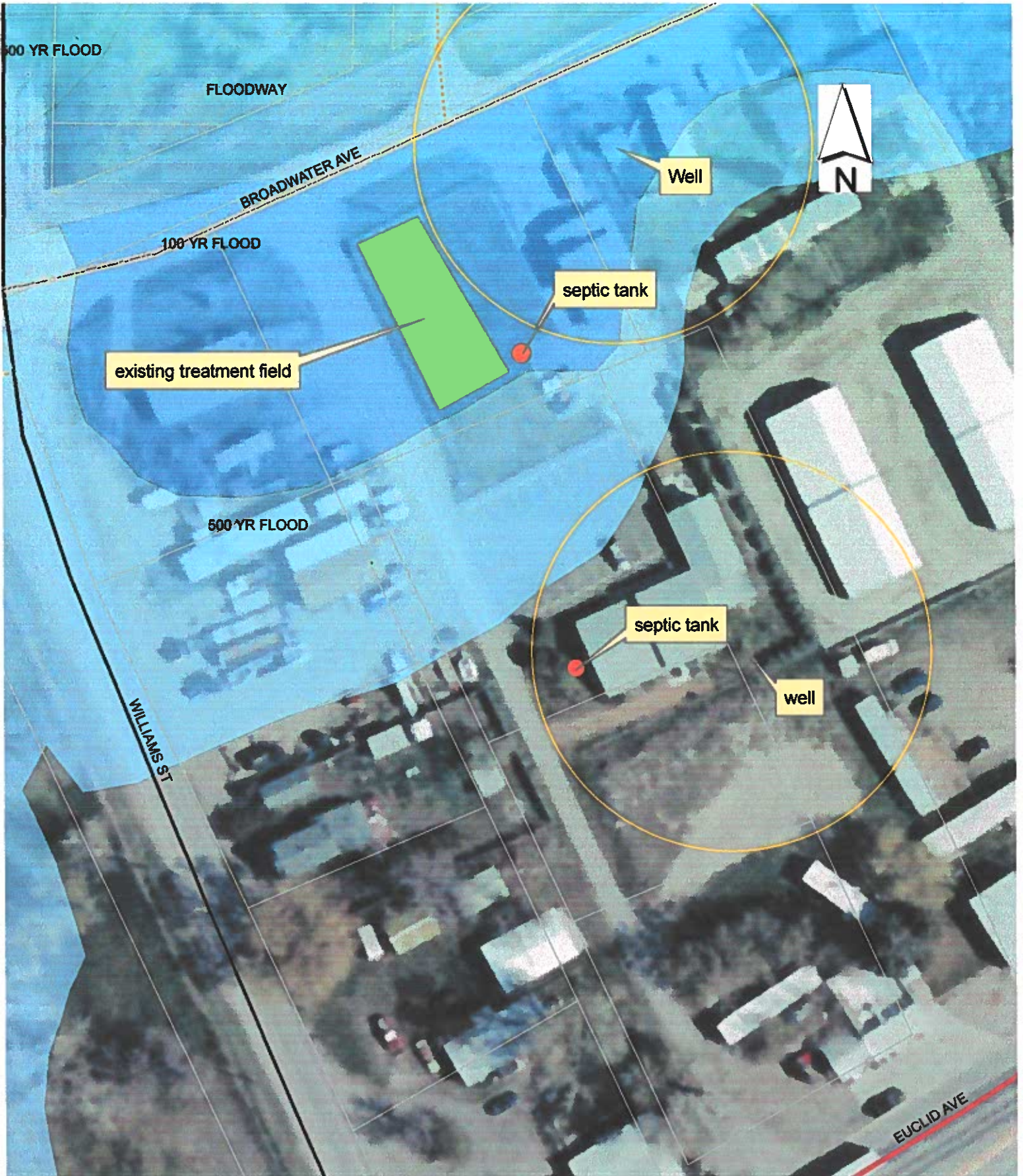
exist home -

6 Beds  $\times 100$  gpd = 600 gpd  
4 Staff  $\times 15$  gpd = 60 gpd  
660 gpd

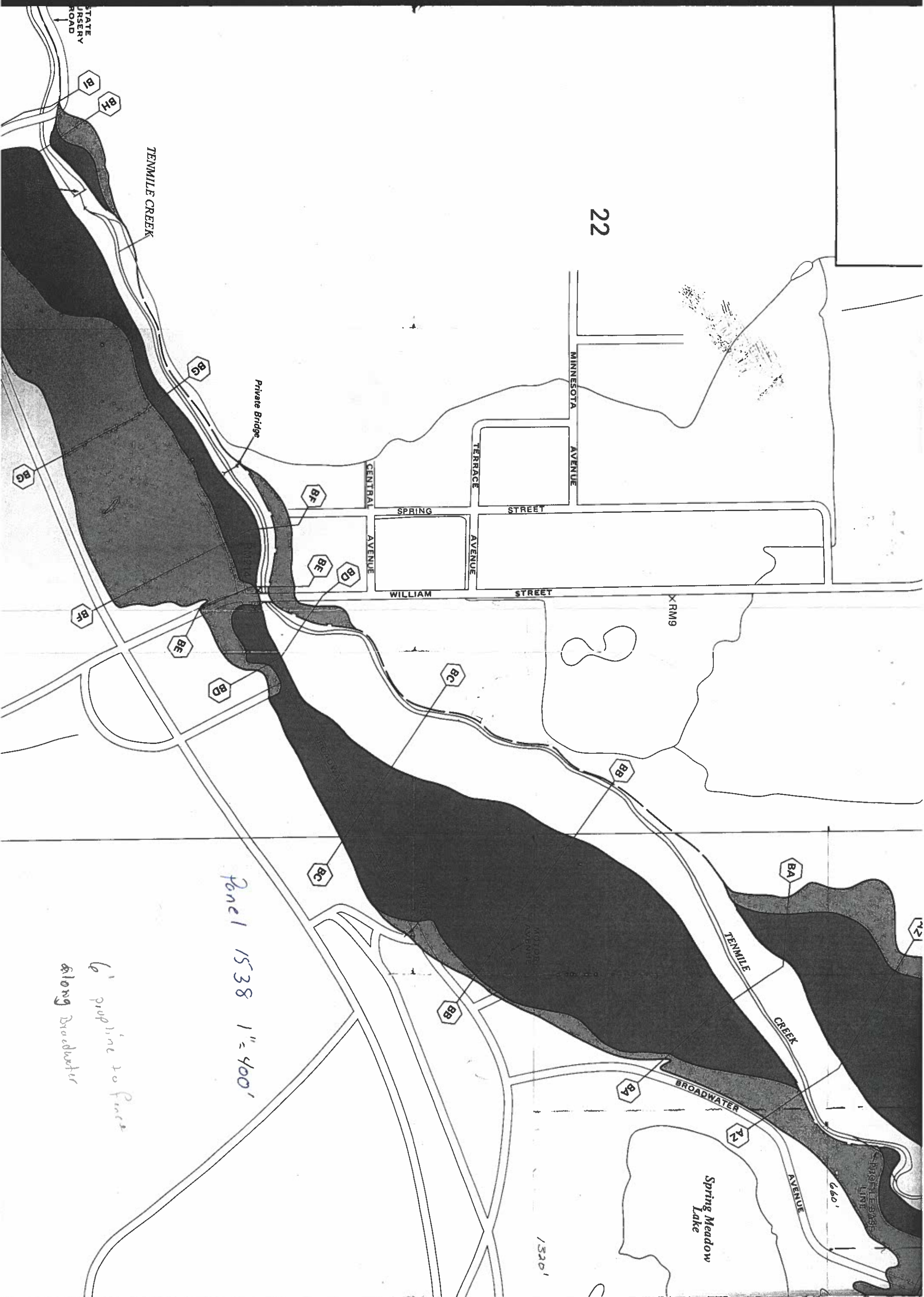
920  
+ 660  
= 1580 gpd Total =

580 linear feet 2' wide gravity trench  
app. rate = 0.6? not known, no test pit info  
Total capacity = 696 gpd





3210 Euclid / 3203 Broadwater



22

Panel 1538 1" = 400'

6' prop line to fence  
along Broadwater

OOD I  
OOD I  
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