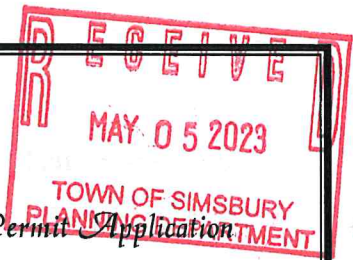




Town of Simsbury

Office of Community Planning and Development - Inland Wetlands Permit Application



DATE: MAY 5, 2023 FEE: \$ 190.00 CK#: 1569 APP#: 23-18

PROPERTY ADDRESS: 5 RIVERVIEW CIRCLE SIMSBURY CT 06070

NAME OF APPLICANT: DEBORAH L. McDONALD

MAILING ADDRESS: 3 RIVERVIEW CIRCLE SIMSBURY CT 06070

EMAIL ADDRESS: deblynct@aol.com TELEPHONE # 860 651 6246

NAME OF OWNER: DEBORAH L. McDONALD

MAILING ADDRESS: 3 RIVERVIEW CIRCLE SIMSBURY CT 06070

EMAIL ADDRESS: deblynct@aol.com TELEPHONE # 860 651 6246

NOTE: ATTACH A WRITTEN LETTER OF AGENCY, DULY ACKNOWLEDGED, TO ACT FOR THE OWNER, INCLUDING THE ABILITY TO CARRY OUT ACTIVITIES SET FORTH HEREIN.

DESCRIBE THE SPECIFIC ACTIVITY(ies) FOR WHICH A PERMIT IS SOUGHT AS IT RELATES TO "REGULATED ACTIVITIES" AS DEFINED IN SECTION 6 OF THE SIMSBURY INLAND WETLANDS REGULATIONS, SUCH AS: A) REMOVE MATERIAL FROM; B) DEPOSIT MATERIAL IN OR DISCHARGE TO; C) CONSTRUCT ON; D) OBSTRUCT; E) ALTER; F) POLLUTE; OR G) OTHERWISE ADVERSELY AFFECT A REGULATED AREA:

THE ACTIVITY IS NOT ON WETLANDS BUT BORDERS IT. ACTIVITY WILL BE INSTALLATION OF TWO 120 GAL. PROPANE TANKS; INSTALL OF FEEDER LINE FROM TANKS TO GENERATOR; INSTALL CONCRETE SLAB AND ZEPHUR GENERATOR. MINIMAL DISTURBANCE OF SOIL WHICH WILL BE REPLACED in place. WORK DONE BY RILEY ELECTRIC AND HIGHGRADE PROPANE FUEL SERVICE

CERTIFICATIONS AND PERMISSIONS: As owner, I hereby give permission to the Town of Simsbury's Conservation Commission Inland Wetlands Watercourses Agency, their Agents, or Town Staff to enter upon my land to make observations and tests as may be necessary to evaluate this application and ongoing work, subject to twenty-four hours notice of such entry/testing.

I hereby certify that all statements herein are true to the best of my knowledge, whether made by me or my agents. Any permit issued shall be contingent upon field conditions and activities being substantiated as indicated herein. A changed situation shall require reconsideration of the permit by the Commission upon discovery by either party.

I certify that I have the authority to sign this application.

[Signature] MAY 5 2023 [Signature] 5/5/23
Signature of Owner Date Signature and Title of Applicant Date

INSTRUCTIONS FOR APPLICANT

Any person seeking a permit to carry out a regulated activity on property which has been designated an inland wetland or watercourse by the Conservation Commission or within the 100-foot regulated buffer area of a designated inland wetland or watercourse must complete and submit the Inland Wetlands Permit Application to the Planning Department.

Submission shall occur by the day before a regular meeting of the Conservation Commission. (See Section 5 of the Inland Wetlands and Watercourses Regulations of the Town of Simsbury.) Application will be heard at the following meeting, after petition period.

The original application shall be submitted with five (5) copies. Maps on sheets larger than 11"x14" shall be submitted in at least three (3) copies. Additional copies of site plans may be required. PDFs of the maps, if available, should be submitted, as well. PDFs can be emailed to jhollis@simsbury-ct.gov.

A filing fee shall accompany the application, as required by the Land Use Application Fees schedule. Please consult with the Planning Office for specific fee determination.

The following information shall be provided on white paper (8 ½"x11") and typewritten. Reproduce the following questions along with the answer and attach to the application.

1. *In the case of a public hearing or map amendment*, list on a separate sheet of paper the names and addresses of all abutting property owners and property owners within 100 feet of all property lines. Identify on one of the attached maps.
2. Describe the site and the regulated area or wetlands/watercourses involved:
 - a. General site conditions, including vegetation and general soil conditions.
 - b. Size of wetland within site or distance of the activity from the wetland.
 - c. Size of total contiguous wetland.
 - d. Position relative to other wetlands on site.
 - e. Type of wetland characterized by vegetative and soil type and/or watercourse, such as: 1) open/deep fresh water pond or lake; 2) shallow marsh; 3) seasonally flooded basins and flats; 4) meadow; 5) shrub swamp; 6) wooded swamp; 7) bog; 8) kettle; 9) stream type; 10) other.

TOWN OF SIMSBURY
INLAND WETLANDS PERMIT APPLICATION

INFORMATION REQUESTED



1. On separate sheet of paper, list names and addresses of all abutting property owners and owners within 100 feet of all property lines. Identify on one of attached maps.
See attached sheet of paper
2. Describe the site and the regulated area or wetlands/watercourses involved.
 - a. General site conditions, vegetation and general soil conditions
Site is a typical yard around the house. Grass and a few planted decorative small shrubs with one young maple tree in the backyard. Soil is well drained and typical yard soil.
 - b. Size of wetland within site or distance of the activity from the wetland.
Current wetland area cuts through half of the home and home property, northeast side. Designated on wetlands map as AE and is light brown striped. Further types of wetland designations exist beyond the home property area. These are not affected by the activity. Installation of generator and propane tanks would be next to the wetland area, but not directly in it.
 - c. Size of total contiguous wetland.
The contiguous wetland begins at the top of the riverbank and proceeds downwards to the Farmington River. The part of the wetland area behind the home ending at the top of the riverbank is approximately .20 acre.
 - d. Position relative to other wetlands on site.
There are no other wetlands on the site of the activity. The additional wetlands area begins beyond the property boundary.
 - e. Type of wetland characterized by vegetative and soil type and/or watercourse, such as:
 - 1) open/deep fresh water pond or lake; 2) shallow marsh; 3) seasonally flooded basins and flats; 4) meadow; 5) shrub swamp; 6) wooded swamp; 7) bog; 8) kettle; 9) stream type
 - 10) other.
Wetland for activity is 10) other. Description is dry, flat land which has never flooded or experienced any water accumulation. Vegetation is grass. Soil type is standard yard soil suitable for sustaining grass and decorative plants.
3. Depth to water table, depth to mottled soil, seasonal variation of water table.
Depth to water table is approximately 32.5 feet. See attached chart for a well in Simsbury which shows annual variations. Depth to mottled soil at riverbed is about 40 ft.
4. Describe the immediate impact on the wetlands and watercourses, including, but not limited to:
 - a. Quantities, by volume and area disturbed, of materials to be removed, deposited, or altered.
Four feet x 3 inches of soil would be disturbed to level the ground beneath the generator. The generator would sit on a concrete slab. The propane tanks would sit on the ground; if necessary leveled with bricks. Propane feed line would be placed 16" below ground approximately 10 - 14 feet in length. Soil would be removed for installation and then replaced including sod.
 - b. Kinds of materials by soil types and vegetative classifications, and materials classification to be removed, deposited or altered.
Soil type is standard yard soil. Vegetation is yard grass.
 - c. Percent of wetlands/watercourses disturbed or altered to total area of wetlands/watercourses On the parcel.
Approximately less than one eighth of one percent.

5. Describe the related construction activities and their impact on:

a. Area and location of wetlands and watercourses.

There would be no impact on the area/location of wetlands and watercourses.

Construction activities are minimal and consist of placing a cement slab in place upon which the generator will be installed; installation of an exterior transfer box on the rear of the house; placement of two propane tanks next to the chimney and leveled with 4"x 8" bricks if necessary; installation of approximately 10 feet of feeder tubing 16" into the earth between the propane tanks and the generator- soil and sod would be replaced.

b. Types and amounts of vegetation.

In the installation area, only topsoil is temporarily disturbed for install of the feed tube from propane tanks to generator.

c. Surface and groundwater

There is no impact to surface and groundwater.

d. Visual impacts

Propane tanks would be hidden from view by the chimney. Only homeowner at 3 Riverview Circle would see them. Generator would be hidden from any view except that of 3 Riverview Circle.

e. Wildlife habitats

There is no impact to wildlife or wildlife habitats.

6. Describe the long term or permanent impact of the activity on environmental aspects, such as the surface and groundwater quality, storm water runoff, visual impacts, or wildlife habitats on:

a. Wetlands or watercourses

There is no long term or permanent impact.

b. Abutting riparian properties and/or wetlands and/or watercourses

There is no long term or permanent impact.

7. Identify sedimentation and erosion control measures to be used.

There is no need for sedimentation or erosion control measures for this project. There is no risk of any erosion or sediment issues.

8. Identify alternatives to the proposed activity that were considered, including alternative sites and why this one was chosen.

The final site, as submitted, is preferable to the original site which was in the AE wetlands zone. This site is the only alternative available that is out of the wetland area, and still complies with measurements away from windows and doors.

9. Estimate of cost of work and time for completion.

The cooperative project i.e. propane tank install and generator install would take approximately one month for completion, assuming little or no rain. Work would not be done in rainy conditions. approximate cost for entire project is \$14,000 to \$16,000.

10. Attach drainage calculations and other reports as indicated to substantiate statements made above.

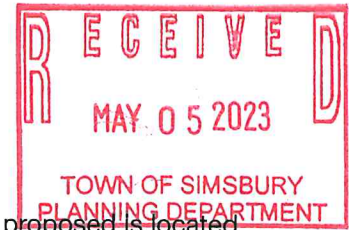
Attached is a water table chart for the Simsbury area. There are no drainage issues.

11. REQUIRED MAPS

a. Attach a vicinity map on an 8 1/2" by 11" sheet at scale 1"=200' or 1"=800' (depending on the size of the parcel showing the general location of the area in which the regulated activity is proposed. The map should be in sufficient detail to allow the identification of the property on the official Inland Wetlands and Watercourses map. A guide to the kinds of information to be shown is available in the Planning Department at the Town Hall.

b. Site Plan showing:

- i. The topography showing contours at intervals of not more than two (2) feet and a minimum of two (2) contour marks per (10) acres at a scale of 1"=100' or 1"=40' (whichever is more appropriate).
- ii. Location of existing watercourses and/or ponds.
- iii. Location of regulated activity.
- iv. Proposed grading and/or filling.
- v. Proposed drainage, site utilities, wells, etc.
- vi. Sedimentation and erosion control measures.



12. The applicant shall certify whether:

- a. Any portion of the property on which the regulated activity is proposed is located within 500 feet of the boundary of an adjoining municipality.
I certify that there are no portions of the property within 500 feet of the boundary of an adjoining municipality.
- b. Traffic attributable to the completed project on the site will use streets within the adjoining municipality to enter or exit the site.
I certify that the streets used to enter or exit the site are private. The main private street eventually exits on to Hopmeadow Street.
- c. Sewer or water drainage from the project site will flow through and affect the sewage or drainage system within the adjoining municipality or
- d. Water runoff from the improved site will affect streets or other municipal or private property within the adjoining municipality.
I certify that neither sewer or water drainage or water runoff from the project site, will flow through or affect the sewage or drainage or streets or other municipal or private property within any adjoining municipality. There will be no sewer or water drainage or runoff from the project site.
- e. Documentation that notice of the pending application was provided to the adjacent municipality (certified mail, return receipt requested) on the same day of filing an inland wetland permit application with the Town of Simsbury.
- f. The property is subject to a conservation restriction or preservation restriction, and, if so, what party or parties are holders thereof or intended to be benefitted thereby.
I certify that the property is not subject to a conservation or preservation restriction.

submitted by: Deborah McDonald

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
United States

GO

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

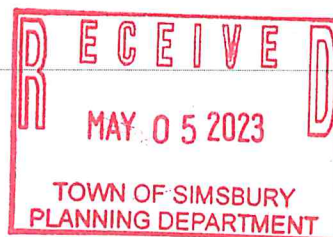
Simsbury / West Simsbury Well

Agency code = usgs

site_no list =
• 415336072414801

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload



USGS 415336072414801 CT- W 218

Hartford County, Connecticut

Latitude 41°53'35.9", Longitude 72°41'47.6" NAD83

Land-surface elevation 155 feet above NGVD29

The depth of the well is 55 feet below land surface.

The depth of the hole is 55 feet below land surface.

This well is completed in the Sand and gravel aquifers (glaciated regions) (N100GLCIAL) national aquifer.

This well is completed in the Drift, Stratified (112DFSF) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source
2003-08-20	17:00 UTC	m	62610		121.05	NGVD29			T	USGS
2003-08-20	17:00 UTC	m	62611		120.29	NAVD88			T	USGS
2003-08-20	17:00 UTC	m	72019	33.95					T	USGS
2004-12-17	15:15 UTC	m	62610		112.52	NGVD29	1		T	USGS
2004-12-17	15:15 UTC	m	62611		111.76	NAVD88	1		T	USGS
2004-12-17	15:15 UTC	m	72019	42.48			1		T	USGS
2005-01-04	15:55 UTC	m	62610		120.16	NGVD29	1		T	USGS
2005-01-04	15:55 UTC	m	62611		119.40	NAVD88	1		T	USGS
2005-01-04	15:55 UTC	m	72019	34.84			1		T	USGS
2005-01-31	19:37 UTC	m	62610		120.42	NGVD29	1		T	USGS
2005-01-31	19:37 UTC	m	62611		119.66	NAVD88	1		T	USGS



2006-08-01 11:06 UTC	m	62610		121.90	NGVD29	1	T	USGS
2006-08-01 11:06 UTC	m	62611		121.14	NAVD88	1	T	USGS
2006-08-01 11:06 UTC	m	72019	33.10			1	T	USGS
2006-08-31 13:10 UTC	m	62610		121.50	NGVD29	1	T	USGS
2006-08-31 13:10 UTC	m	62611		120.74	NAVD88	1	T	USGS
2006-08-31 13:10 UTC	m	72019	33.50			1	T	USGS
2006-09-28 13:43 UTC	m	62610		121.25	NGVD29	1	T	USGS
2006-09-28 13:43 UTC	m	62611		120.49	NAVD88	1	T	USGS
2006-09-28 13:43 UTC	m	72019	33.75			1	T	USGS
2007-08-23 13:06 UTC	m	62610		120.87	NGVD29	1	T	USGS
2007-08-23 13:06 UTC	m	62611		120.11	NAVD88	1	T	USGS
2007-08-23 13:06 UTC	m	72019	34.13			1	T	USGS
2008-12-18 18:25 UTC	m	62610		120.59	NGVD29	1	T	USGS
2008-12-18 18:25 UTC	m	62611		119.83	NAVD88	1	T	USGS
2008-12-18 18:25 UTC	m	72019	34.41			1	T	USGS
2009-09-24 16:05 UTC	m	62610		120.88	NGVD29	1	T	USGS
2009-09-24 16:05 UTC	m	62611		120.12	NAVD88	1	T	USGS
2009-09-24 16:05 UTC	m	72019	34.12			1	T	USGS
2011-09-14 17:30 UTC	m	62610		121.19	NGVD29	1	T	USGS
2011-09-14 17:30 UTC	m	62611		120.43	NAVD88	1	T	USGS
2011-09-14 17:30 UTC	m	72019	33.81			1	T	USGS
2012-05-30 17:35 UTC	m	62610		120.95	NGVD29	1	T	USGS
2012-05-30 17:35 UTC	m	62611		120.19	NAVD88	1	T	USGS
2012-05-30 17:35 UTC	m	72019	34.05			1	T	USGS
2012-10-04 11:06 UTC	m	62610		119.91	NGVD29	1	O	USGS
2012-10-04 11:06 UTC	m	62611		119.15	NAVD88	1	O	USGS
2012-10-04 11:06 UTC	m	72019	35.09			1	O	USGS
2013-08-22 19:20 UTC	m	62610		120.43	NGVD29	1	O	USGS
2013-08-22 19:20 UTC	m	62611		119.67	NAVD88	1	O	USGS
2013-08-22 19:20 UTC	m	72019	34.57			1	O	USGS

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Site
2018-09-17 14:46 UTC		m	72019	34.81			1	V	USGS	
2022-09-19 14:35 UTC		m	62610		120.45	NGVD29	1	V	USGS	
2022-09-19 14:35 UTC		m	62611		119.69	NAVD88	1	V	USGS	
2022-09-19 14:35 UTC		m	72019	34.55			1	V	USGS	

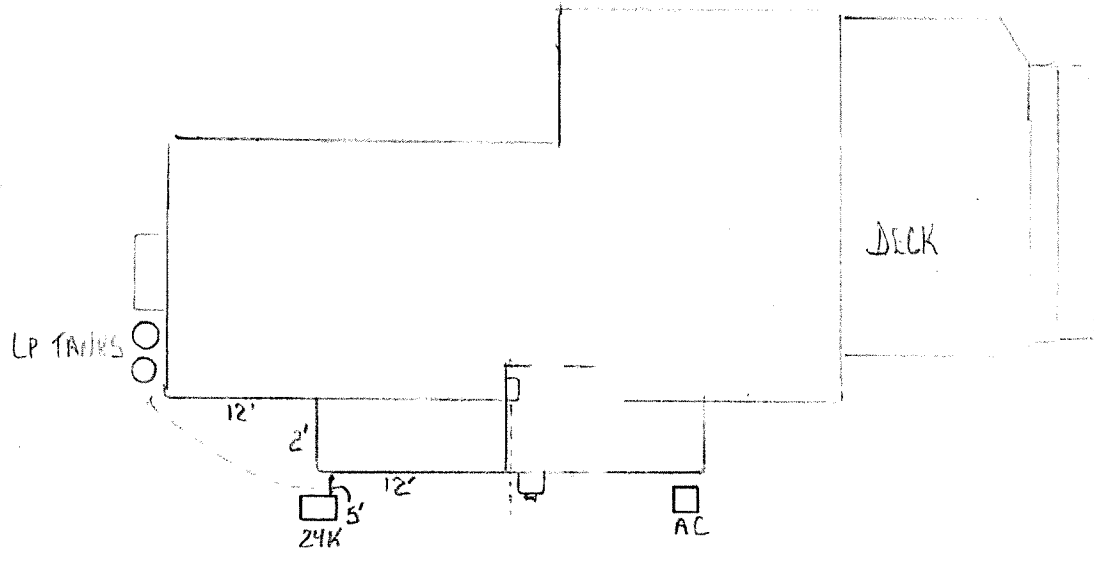
Explanation

Section	Code	Description
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status		The reported water-level measurement represents a static level
Status	1	Static
Method of measurement	O	Observed.

2800 UNIT
2830 UNIT
2870 AC
2870 NEW UNIT
2880 PANSE
2890 UNIT

DEBBIE M DOMMUD
5 RIVER VIEW CIR
SIMSBURG CT
GENEAC 24K

FRONT



FRONT YARD

Identify Pan Zoom In Zoom Out Previous Extent Next Extent Initial View Pictometry Google Street View Bing Maps Point Erase Line Print Export Mailing Labels

Navigation Mapping Markup & Editing Output

Layers

All Available Layers

Filter Layers... Filter

- Scan Group
- Parcel Group
- Planimetric Features
- Planning & Zoning
 - ACAD WETLANDS
 - Zoning
 - Landuse
 - Open Space
- WPCA
- Engineering
- Public Works
- 2016 Contour Data
- Municipal Service Group
- Historic Group

