

Coastal & Estuarine Research, Inc.
Evelyn M. Maurmeyer, Ph.D.
Marine Studies Complex
P.O. Box 674
Lewes, DE 19958

April 17, 2018

William J Winkler
32396 Holly Terrace Rd
Ocean View, DE 19970

Reference: DNREC Project Notice NO.7
Bolduc Canal dredge permit

Dear Dr. Maurmeyer:


My comments are 3 fold. One is property line clarification between Lot 9(Winkler) and Lot 13(Bolduc). Attached is a copy of the Holly Ridge Terrace plat which shows the property line between Lot 9 and lot 13 is in line with the bulkheads of lots 13, 12, 11, 10 & 14 on the west side of the Lagoon, NOT the center of the Lagoon as was given to Mr Bolduc. Please correct this with Mr Bolduc.

Second is a major concern of mine in the possible collapse of my south bulkhead, which is at the south end of the lagoon. That bulkhead and the east adjoining bulkhead have been very stable with no sign of fatigue. I believe I was told that Droney Co., the dredge contractor, will stay far enough away from the south bulkhead and only dredge to the center of the canal and that they will have a bond in case of my bulkhead collapsing, which bond will cover repair of said bulkhead.

Third is a concern of the asphalt covered road, which I believe is only 3 inches thick, covering dirt and rock road which the builder in the late 1960's supplied to the home buyers here on Holly Terrace Rd. Does Droney Co feel that the gross vehicle weight of the dump trucks loaded with mud and water will not damage the asphalt road, and the dredge equipment gross vehicle weight. There is already stress in the asphalt and hole in front of Lot 8, that has never been repaired. I had water and sewer from the State of Delaware come out and checked the sewer, but no leaks there. Could be tree stumps that rotted away from the initial road construction.

Other than that, there is no doubt the canal needs to be dredge. As long as my concerns are met, especially with the bulkhead insurance bond in case of collapse, I will sign off on this project, but not until then.

Sincerely,

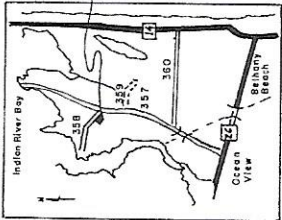

William J. Winkler

Attachments: Holly Ridge Terr Plat, Sussex County permission to maintain R.O.W.

HOLLY RIDGE TERRACE

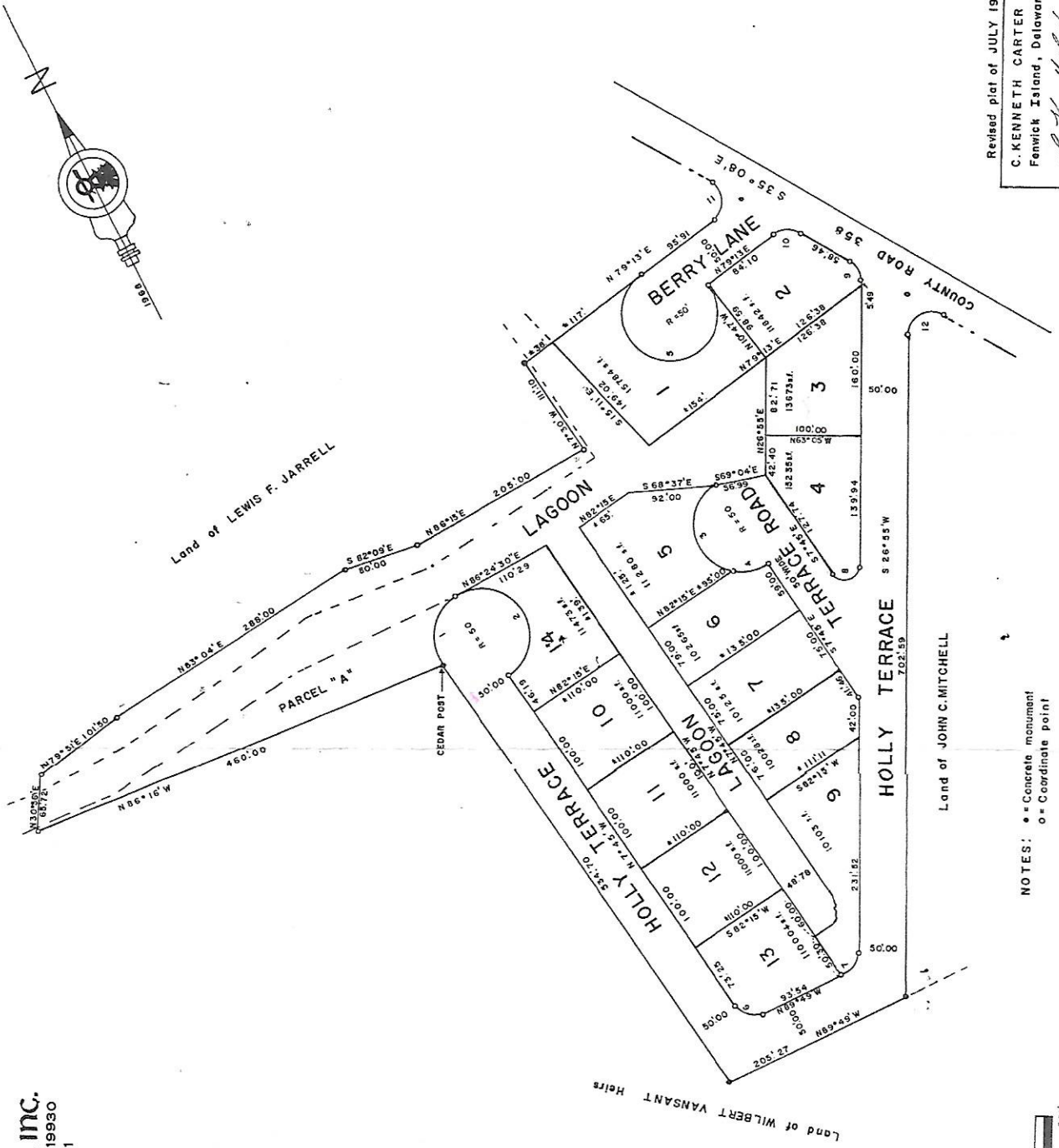
BALTIMORE HUNDRED, SUSSEX COUNTY, DELAWARE.

WILGUS ASSOCIATES, INC.
 BETHANY BEACH, DELAWARE 19930
 AREA CODE 302-539-7511



HOLLY RIDGE TERRACE

VICINITY MAP



CURVE DATA

CURVE	DELTA	RADIUS	DEGREE	L-C	CHORD	TANGENT	BEARING
1	80°00'	60'	114°59'16"	70.71	100.00	→	N 37°10'00" E
2	180°00'	152.06	→	152.06	→	→	N 7°48'00" W
3	126°52'	110.72	→	85.44	→	→	N 16°48'00" E
4	53°06'	46.36	→	44.72	→	→	N 70°11'00" W
5	270°00'	235.63	→	70.71	→	→	N 83°47'00" E
6	67°04'	228°11'832"	→	35.60	32.62	21.75	N 45°47'00" W
7	63°16'	151.40	→	27.60	26.22	15.40	S 85°33'00" W
8	145°20'	161.38	→	38.50	38.64	48.06	N 80°25'00" W
9	60°17'	201.228°1032"	→	26.30	25.10	14.51	S 3°13'30" E
10	67°25'	28.41	→	27.76	16.68	16.68	S 67°04'30" E
11	112°35'	48.12	→	41.39	37.47	37.47	N 22°58'30" E
12	119°43'	53.23	→	43.24	43.05	43.05	S 32°56'30" E

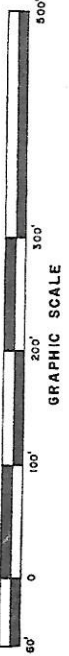
OWNERS & DEVELOPERS CONSENT

The subdivision of land as shown on this plat is with the free consent and in accordance with the desires of the owners thereof of Wilgus Associates, Inc.

SURVEYORS CERTIFICATE

I hereby certify that this plat and the survey has been made under my supervision and complies with the laws of the STATE of DELAWARE.

C. Kenneth Carter



Revised plat of JULY 1968
 C. KENNETH CARTER &
 Fenwick Island, Delaware.
C. Kenneth Carter
 C. KENNETH CARTER
 APRIL 1970
 Drawing & Coll. by G.R.L.

NOTES:
 • = Concrete monument
 o = Coordinate point

TreasureQuest Shoppe

From: "Thomas Feret, Sr." <tferet@sussexcountyde.gov>
To: "TreasureQuest Shoppe" <bill.wj@verizon.net>
Sent: Tuesday, January 17, 2006 12:40 PM
Subject: RE: Holly Terrace Road easement

Mr.. Winkler, we at the County have no problem of you maintaining the R.O.W. area. which means we will not allow a gate of any sort nor will allow someone to do something to the roadway that would obstruct the County from working on that part of the road where our easement is. in other words you may do whatever you see fit to do to YOUR road length way and as long as we can get to our cleanouts width ways along the road you may do so

(SEWER)

-----Original Message-----

From: TreasureQuest Shoppe [mailto:bill.wj@verizon.net]
Sent: Tuesday, January 17, 2006 11:27 AM
To: Thomas Feret, Sr.
Subject: Holly Terrace Road easement

Mr. Feret, to reiterate our phone conversation from this morning: Is it o.k. with Sussex County to continue to maintain the easement adjacent to Holly Terrace Road Lot #9, owned by Marion E. Winkler, as he an myself, William J.Winkler, Sr.(son) have maintained for approximately 20 years?

We have cedar trees approximately 20ft tall, planted along the perimeter of the road, that were there before the sewer was put in last year(2004), grass, a wood fence, one grape vine and one blueberry bush, which we will continue to maintain with your permission, since the county has purchased this easement from Marion E. Winkler.

An email response is sufficient so I can present it to my neighbors who say that this land is county owned and we can no longer maintain it. Thank you, Bill Winkler.

9Holly Terrace Rd.

P.O. Box 394

Ocean View, DE 19970

537-5334 (TreasureQuest Shoppe)

539-4264 (Home)

Species Conservation and Research Program
Delaware Division of Fish and Wildlife
Department of Natural Resources and Environmental Control
4876 Hay Point Landing Rd
Smyrna, Delaware 19977
(302) 735-8651

Requested By: April 24, 2018
Submitted: , 2018

Ms. Gayle Calder
Wetlands and Subaqueous Lands Section
89 Kings Highway
Dover, Delaware 19901

RE: Public Notice #7

Subaqueous Lands Permit Application

Andrew and Maureen Bolduc (Tax Parcel# 134-9.00-186.00 & 134-7.00-187.00) To mechanically maintenance dredge 110± cubic yards to a depth of -4 feet MLW in an unnamed lagoon adjacent to White Creek, located at 32408 Holly Terrace Road, Ocean View and transport the dredged material via water-tight dump trucks approximately 5 miles to a confined disposal area located northeast of the intersection of Irons Lane and Old Mill Road at Tax Parcel# 134-7.00-187.00, Dagsboro, Sussex County, DE

Dredge Site

A review of our database indicates that there are currently no records of state-rare or federally listed plants, animals or natural communities at this project site.

Disposal Site

Amphibians

The proposed disposal site is adjacent to a forest block containing a coastal plain seasonal pond that has historically supported eastern tiger salamander, a state-endangered species. Given the proximity to historic breeding habitat and nature of the disposal site itself, the proposed dredge disposal site has the potential to provide breeding habitat for this species. If tiger salamanders use the dredge disposal site for breeding, the only safe time of year to dump the material without impacting this species would be in *September or October*. If the material must be dumped any other time of year, the applicant should contact our program herpetologist Nate Nazdrowicz about two weeks prior to completing the work. At this point, Mr. Nazdrowicz can advise based on recent weather conditions whether it is safe to complete the dumping. If it is not safe, then the applicant should allow Mr. Nazdrowicz to trap and relocate any tiger salamanders or larvae that are present at the disposal site prior to dumping. Mr. Nazdrowicz can be contacted at Nathan.Nazdrowicz@state.de.us or 302-735-8688.

Erin Bradley Enterprises LLC (2-33-5.00-110.02) To relocate an existing ditch by filling approximately 5,708 square feet of the feature and creating 3,989 square feet within the new feature and to mitigate for the impacts by creating a 3 foot wide wetland/habitat bench within the unnamed tributary adjacent to the intersection of South Dupont Hwy and Dickerson Ave, Millsboro, Sussex County, DE

A review of our database indicates that there are currently no records of state-rare or federally listed plants, animals or natural communities at this project site.

Martinez Properties, LLC (ED-00-056.00-01-28.00-000) To authorize the replacement of a 23 foot long by 15 inch diameter culvert pipe with a 23 foot long by 30 inch diameter culvert pipe consisting of approximately 10 cubic yards of fill in the unnamed tributary adjacent to 1114 Central Church Road, Doer, Kent County, DE

Wetlands indicated that this is an after-the-fact permit and comments would not be useable. Did not review.

Subaqueous Lands Lease Renewal Application

Alan Kim Brittingham (2-34-24.00-19.00)-To renew a lease to maintain a 4 by 76 foot long pier, a 8 by 30 foot long dock, a 4 by 30 foot long pier extension and a 4 by 14 foot long catwalk in Herring Creek at 35432 Council Lane, Lewes, Sussex County, DE

It does not appear that there is any work associated with this project and as such we did not review this project.

Subaqueous Lands Lease Application

Tidewater Utilities, Inc. (Right-of-way)-To install a 20-inch diameter by 978 foot long water main by directional boring under State-regulated wetlands and subaqueous lands to connect existing services adjacent to the Route 24 bridge between Love Creek Pines Lane and Boat Hole Blvd. beneath Love Creek, Lewes, Sussex County, DE

A review of our database indicates that there are currently no records of state-rare or federally listed plants, animals or natural communities at this project site.

Pamela Cronk and Anthony Degli Obizzi (3-34-22.00-35.00)-To install a PWC lift with 1 associated piling connecting to a previously authorized structure in the Rehoboth Bay at 9 Marshall Road, Old Landing, Rehoboth Beach, Sussex County, DE

A review of our database indicates that there are currently no records of state-rare or federally listed plants, animals or natural communities at this project site.

Water Quality Certification and Subaqueous Lands Permit Application

DNREC, Division of Parks and Recreation (Tax Parcel# 1202800011) To hydraulically maintenance dredge 225,000± cubic yards to depths ranging from -6 to -12 feet MLW adjacent to the Chesapeake and Delaware Canal located at Summit North Marina, 3000 Summit Harbour Place and to dispose of the dredged material via pipeline to the Penn Central West Disposal Site north of Summit Harbour Place, Bear, New Castle County, DE

From: Bataille, Amber C. (DNREC)
Sent: Monday, October 08, 2018 9:09 AM
To: Molina, Julie (DNREC)
Cc: Grabowski, Matthew T. (DNREC)
Subject: Bolduc Dredge Spoils
Attachments: Figure 1.pdf

The Groundwater Protection Branch (GPB) has completed a limited hydrological review for the proposed dredging at the Bolduc Property with placement of the spoils at a burrow pit at the intersection of Irons Lane and Old Mill Road, tax map parcel 134-7.00-187.00. The application proposes to mechanically dredge ~110 cubic yards of material and transport the material to the pit via water tight dump trucks.

The pit has received spoils from multiple projects over the past 5 years. The site is inland with domestic wells in the area. The concern is that salt water from the dewatering spoils may impact groundwater and wells in the area. The GPB contacted the pit owner, Mr. David Banks, to perform a site visit and measure conductivity in the pit pond. The GPB visited the site on October 3, 2018 and met with Mr. Banks. Mr. Banks indicated where the new spoils will be stored while they dewater and where additional spoils are located on site (Figure 1). The GPB measured the conductivity, pH, and dissolved oxygen of the pond in two locations with a YSI (Figure 1, Table 1). Based on the measurements the pond has characteristics of groundwater that has been exposed to the atmosphere.

Table 1. Water Quality Parameters measured from the burrow pit pond.

Parameter	Location #1	Location #2
Temperature (°C)	24.66	24.22
Specific Conductance (µS/cm)	98	99
pH	5.98	5.31
Dissolved Oxygen (mg/L)	7.24	7.29

Based on the above information, the GPB does not have concerns from the proposed dredge spoils being stored at the proposed burrow pit location.

Please contact me with questions.

Amber Bataille, P.G.
Hydrologist III
Division of Water
Dept. of Natural Resources & Environmental Control
89 Kings Highway
Dover, Delaware 19901
Phone: (302) 739-9945
Fax: (302) 739-2296
amber.bataille@state.de.us

Figure 1. Bolduc Dredge Spoils

