
Public Notice

**U.S. Army Corps
of Engineers**
Pittsburgh District

In Reply Refer to
Notice No. below

US Army Corps of Engineers, Pittsburgh District
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Application No. 2006-939

Date: February 7, 2008

Public Notice No. 08-9

Closing Date: February 27, 2008

1. TO ALL WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (33 U.S.C. 1344).
2. APPLICANT: Allegheny Land Trust
Roy Kraynak, Executive Director
409 Broad Street
Sewickley Pennsylvania 15143
(412) 741-2750
3. LOCATION: The Wingfield Pines site is located adjacent to Chartiers Creek, Upper St. Clair Township, Allegheny County, Pennsylvania.
4. PURPOSE AND DESCRIPTION OF WORK: The applicant proposes to construct a passive treatment system to treat the mine discharge from the 1940's era Wingfield Pines abandoned deep mine. The treatment system will be constructed on a 9.5 acre parcel located at the northeastern portion of an 80 acre property owned by the Allegheny Land Trust between Mayview Road and Chartiers Creek, upstream of Bridgeville. The treatment system will consist of five iron settling ponds and a 3.7 acre polishing wetland. The project embankments will directly impact 0.22 acres of emergent wetlands and the treatment wetland will indirectly impact 1.1 acres of emergent wetland by changing the wetlands from seasonally saturated to permanently inundated with approximately 6 inches of water. The net alkaline discharge flows at a rate of between 1,500 to 2,300 gpm and contains 12-21 mg/L of iron contributing approximately 250 pounds of iron daily to Chartiers Creek. Chartiers Creek is listed on the Pennsylvania 303(d) list of degraded waters due to abandoned mine drainage. The treatment of this discharge will result in improvements to approximately 2 miles of downstream water quality. The applicant proposes to construct 0.24 acres of emergent wetland adjacent to, but outside of, the treatment system and enhance approximately 2 acres of existing emergent wetlands located on the property southwest of the proposed treatment system by planting 400 trees to restore a forested floodplain wetland. The site was

previously been disturbed by surface coal mining activities and most recently was a golf course and swim club. Drawings of the proposed project are attached.

5. PENNSYLVANIA WATER QUALITY CERTIFICATION: The applicant is required to obtain an encroachment permit which includes State 401 Water quality Certification from the:

Pennsylvania Department of Environmental Protection
Bureau of Abandoned Mine Reclamation, Attn: Pam Milavec
286 Industrial Park Road
Ebensburg, PA 15931
(814) 472-1800

6. IMPACT ON NATURAL RESOURCES: The District Engineer has consulted the most recently available information and has determined that the project is not likely to affect the continued existence of any endangered or threatened species, or result in the destruction or adverse modification of habitat of such species which has been determined to be critical. This Public Notice serves as a request to the U. S. Fish and Wildlife Service for any additional information they may have on whether any listed or proposed to be listed endangered or threatened species may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1972 (as amended).

7. IMPACT ON CULTURAL RESOURCES. In correspondence dated April 4, 2003, and verified in correspondence dated May 1, 2007, the Pennsylvania Historic and Museum Commission, Bureau for Historic Preservation stated that based on a review of their files there are no National Register eligible or listed historic or archaeological properties in the area of the proposed project and the project would not have an adverse impact. If we are made aware, as a result of comments received in response to this notice, or by other means, of specific archeological, scientific, prehistorical, or historical sites or structures which might be affected by the proposed work, the District Engineer will immediately take the appropriate action necessary pursuant to the National Historic Preservation Act of 1966 - Public Law 89-665 as amended (including Public Law 96-515).

8. PUBLIC INVOLVEMENT: Any person may request, in writing, within the comment period specified in the paragraph below entitled "RESPONSES," that a public hearing be held to consider this application. The requests for public hearing shall state, with particularity, the reasons for holding a public hearing.

9. EVALUATION: Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposals must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will

be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the overall public interest of the proposed activity. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act (40 CFR Part 230).

10. RESPONSES: A permit will be granted unless its issuance is found to be contrary to the public interest. Written statements concerning the proposed activity should be received in this office on or before the closing date of this Public Notice in order to become a part of the record and to be considered in the final determination. Any objections which are received during this period may be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. All responses to this notice should be directed to the Regulatory Branch, attn Marcia H. Haberman, at the above address, by telephoning (412) 395-7361, or by e-mail at Marcia.H.Haberman@usace.army.mil. Please refer to CELRP-OP-F 2006-939 in all responses.

FOR THE DISTRICT ENGINEER:

SIGNED

Scott A. Hans
Chief, Regulatory Branch



1, edited, and published by the Geological Survey
 of the U.S.G.S., USG&DS and the City of Pittsburgh

Topography from aerial photographs by photogrammetric methods
 Aerial photographs taken 1952. New and by photogrammetric methods
 from aerial photographs taken 1915, 1 and check 1960

Polyconic projection 1927 North American datum
 10,000 foot grid based on Pennsylvania coordinate system, south zone
 1,000 meter Universal Transverse Mercator grid ticks
 zone 17, datum in datum

To scale on the projected North American Datum 1983
 show the projection lines, 4 meters south and
 18 meters west as shown by dashed corner ticks
 There may be small buildings within the boundaries of
 the National or State reservations shown on this map
 For the current rules indicate whether they are fully listed where
 generally visible on aerial photographs. This information is unclassified

1/8 inch and 1/8 inch square north
 orientation at corner of sheet
 Red and black areas in which only contours
 are shown



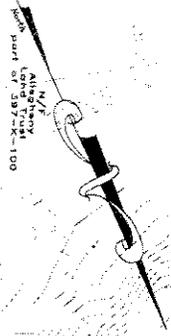
THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22082
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Items shown in Purple compiled in cooperation with State of
 Pennsylvania agencies from aerial photographs taken 1977 and other
 source data. This information not field checked. Map scale 1:74,000
 Purple line indicates proposed project lines

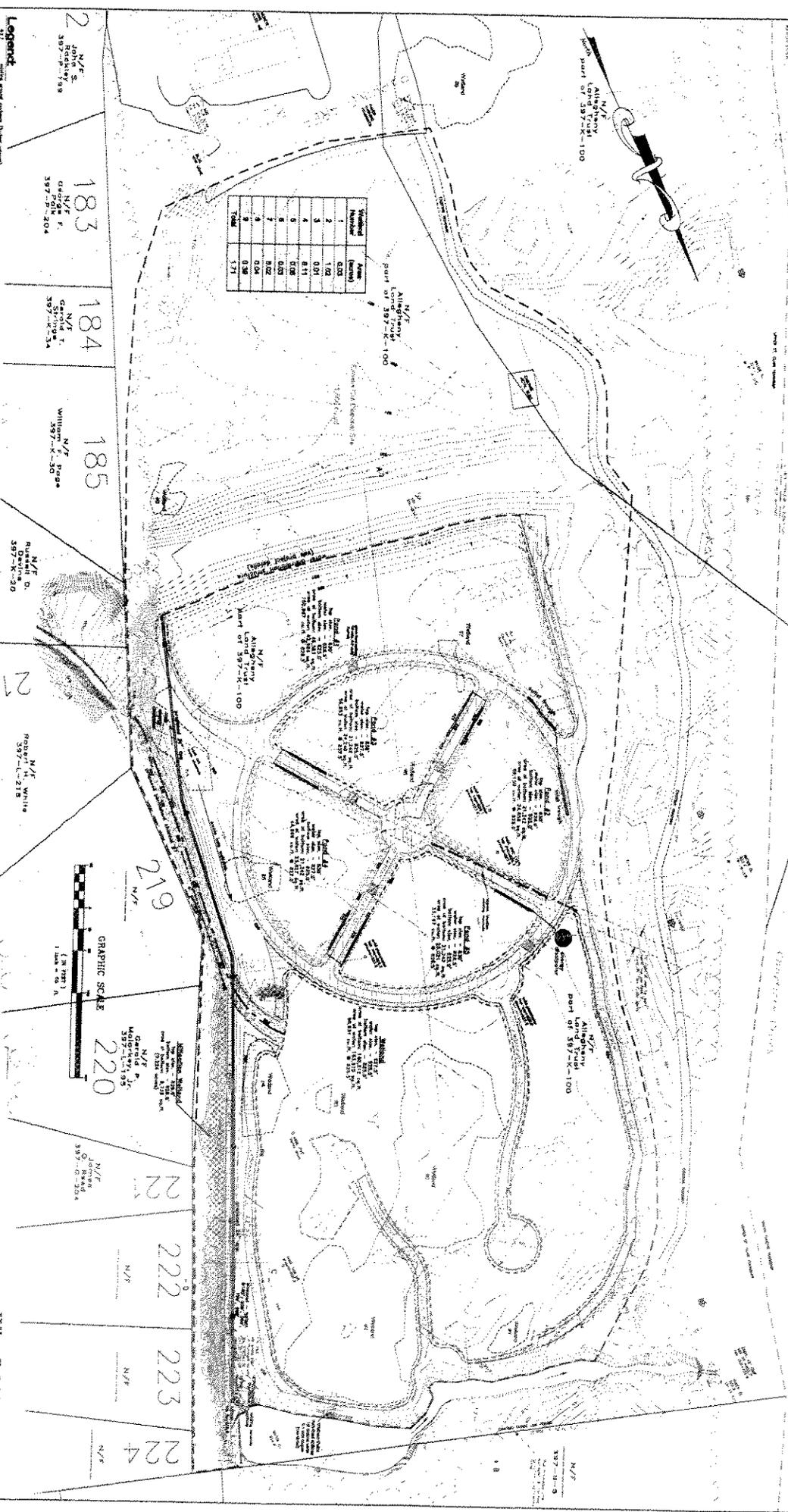
ROAD CLASSIFICATION
 Heavy duty Light duty
 Medium duty Unimproved dirt
 U.S. Route State Route
 Interstate Route

BRIDGEVILLE, PA.
 H4015-W8000115
 1960
 PHOTOGRAPHED 1976
 AIR 4884-FLE SERIES 732

2006-939
 PN 08-9 03/7



Number	Area (Acres)
1	1.00
2	0.10
3	0.11
4	0.11
5	0.10
6	0.10
7	0.10
8	0.10
9	0.10
TOTAL	1.11



Legend

D.E.M. Surveying, P.C.
 Professional Land Surveying
 14100 W. 10th Ave., Suite 100
 Denver, CO 80202
 (303) 751-1100
 www.dem-surveying.com

Hecht Environmental
 14100 W. 10th Ave., Suite 100
 Denver, CO 80202
 (303) 751-1100

No.	DATE	DESCRIPTION	BY
1	08-08-07	initial	dem
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GRAPHIC SCALE
 1 inch = 40 feet
 (1:480)

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Wingfield Pines
 Passive Treatment System
 Sheet 1 of 2
 Wingfield Pines
 14100 W. 10th Ave., Suite 100
 Denver, CO 80202
 (303) 751-1100
 www.dem-surveying.com

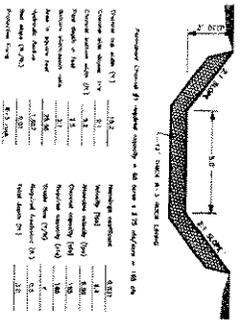
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Location Map
 Wingfield Pines, North Carolina



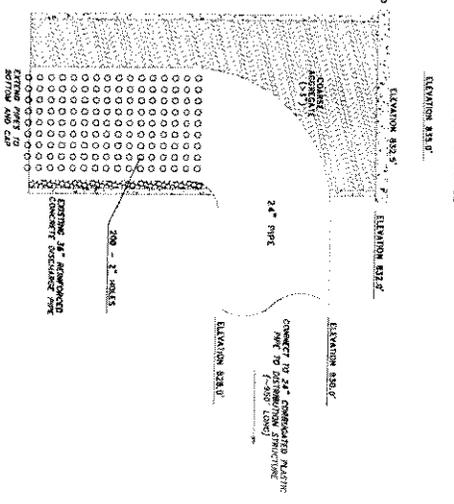
Permanent Ditch #1 Design Data



TROUGH ELEVATIONS

POND	DITCH	INBOUND		AVERAGE		TOP OF		TROUGH		AVERAGE		TOP OF	
		ELEV.	WIDTH	ELEV.	WIDTH	ELEV.	WIDTH	ELEV.	WIDTH	ELEV.	WIDTH	ELEV.	WIDTH
1	1	828.0	10.0	827.75	10.0	828.0	10.0	827.0	10.0	827.75	10.0	828.0	10.0
2	2	828.0	10.0	827.75	10.0	828.0	10.0	827.0	10.0	827.75	10.0	828.0	10.0
3	3	827.5	10.0	827.25	10.0	827.5	10.0	826.5	10.0	827.25	10.0	827.5	10.0
4	4	827.0	10.0	826.75	10.0	827.0	10.0	826.0	10.0	826.75	10.0	827.0	10.0
5	5	826.5	10.0	826.25	10.0	826.5	10.0	825.5	10.0	826.25	10.0	826.5	10.0

DISCHARGE DETAIL
 NOT TO SCALE



CONSTRUCTION (NATIVE) SENSITIVE AND RESTORATION CONTROL PLAN

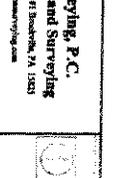
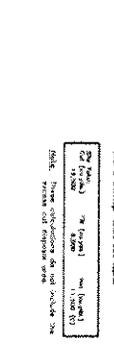
The purpose of this plan is to provide a detailed description of the proposed construction activities for the Wingfield Pines site. This plan is intended to be used in conjunction with the other documents in this set to ensure that the proposed construction activities are carried out in a manner that is sensitive to the site's natural resources and that the site is restored to its original condition after construction is completed.

The following are the proposed construction activities for the Wingfield Pines site:

1. Clearing and grubbing of the site.
2. Excavation and grading of the site.
3. Construction of the wetland and pond areas.
4. Installation of the discharge pipe and other structures.
5. Final grading and seeding of the site.

The following are the proposed restoration activities for the Wingfield Pines site:

1. Re-vegetation of the site with native plants and animals.
2. Installation of the wetland and pond areas.
3. Final grading and seeding of the site.



Wingfield Pines Site
 Sheet 2 of 2

Passive Treatment System
 Wingfield Pines
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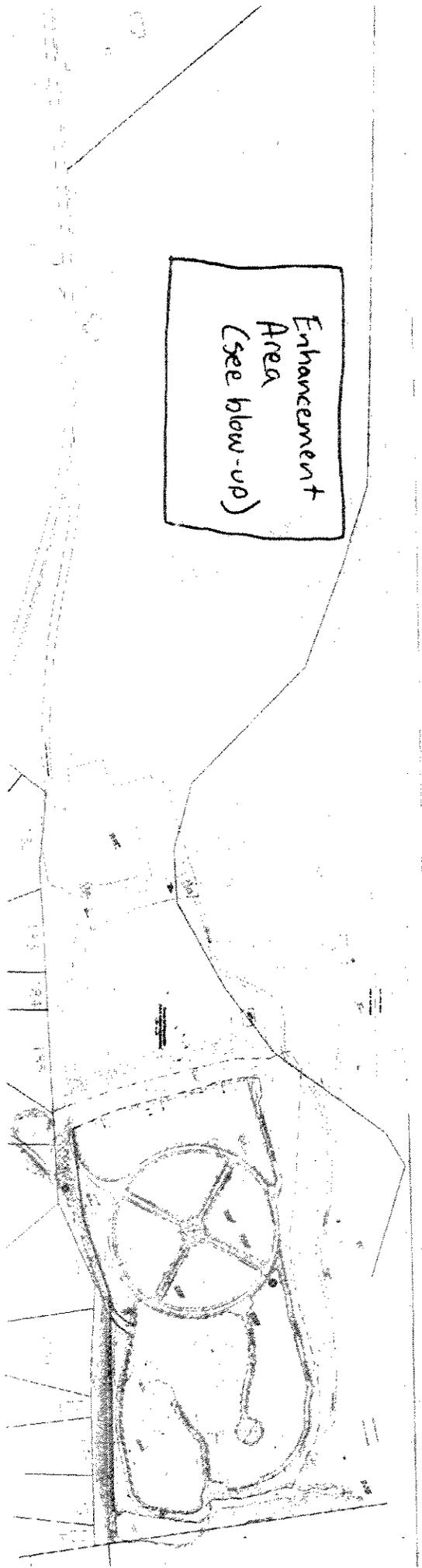
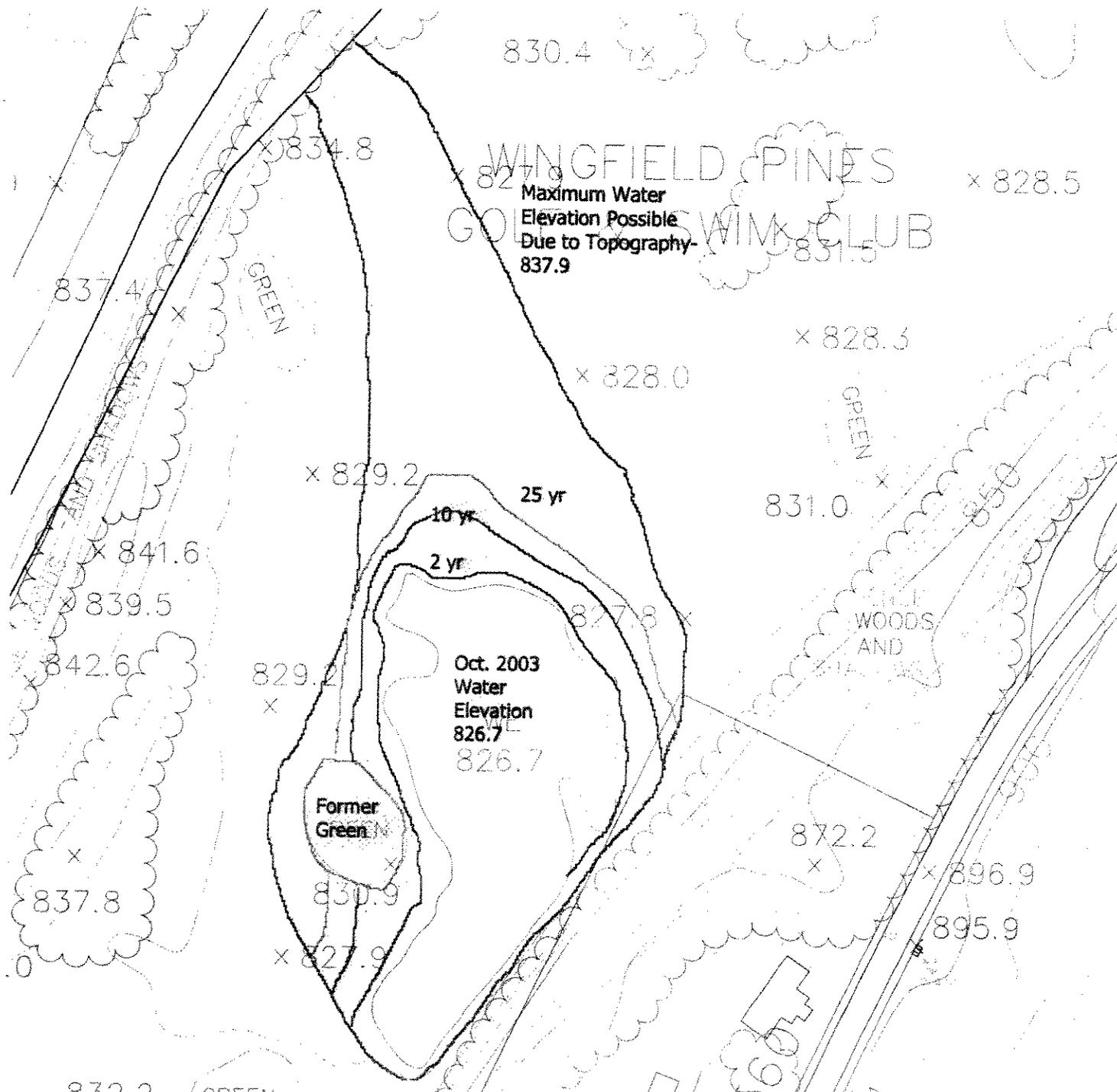


Figure R-1. Location of wetland enhancement area on Wingfield Pines property.

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Elevations of Various Return Events for Phase I Construction of Boyce Mayview Site

Note: Results based on the elevations provided in October 2003 survey by others and does not include inflow sources other than SMAAD Site



Figure R-2. Proposed location for wetland enhancement tree plantings. The projected area is bounded by the blue line and current pond.

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