



Massachusetts Department of Environmental Protection

Bureau of Waste Prevention – Solid Waste Management

- BWP SW 07 Modification of a Large Handling Facility**
- BWP SW 11 Landfills - Major Modification**
- BWP SW 16 Combustion Facilities**
- BWP SW 21 Modification of a Small Handling Facility**
- BWP SW 22 Landfills - Minor Modification**
- BWP SW 45 Any Facility – Presumptive Approval**

X266340
 Transmittal Number

173050
 Facility ID# (if known)

Application for Solid Waste Management Facility Modification

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Directions: Specify the plan/report and page numbers in which the following information is located.

A. Project Information (all applicants must complete this section)

1. Which permit category are you applying for?
- BWP SW 07 BWP SW 11 BWP SW 16 BWP SW 21 BWP SW 22 BWP SW 45

2. Is MEPA review required for this project? Yes No

3. Permit Modification (310 CMR 19.029(2))

a. General Description

(1) Effect on Current Operation

(2) Effect on Capacity

(3) Effect on Operating Life

b. Effect on Public Health, Safety or the Environment

4. Currently Valid Department Approvals

Plan/Report # Page #

DEP USE ONLY

NA _____

NA _____

NA _____

NA _____

NA _____

NA _____

B. Project Information

Note: Complete only sections applicable to requested modification. Enter NA if not applicable.

Important Note: Engineering Plans must be stamped by a Registered Professional Engineer (PE). Property Line Location must be stamped by a Registered Land Surveyor (RLS).

1. Plan/Report Modifications and/or Revisions

a. Waste Ban Plans (310 CMR 19.017)

b. Facility Plan (310 CMR (19.030(2)(d))

(1) Site Plan (310 CMR 19.030(2)(d)1)

(2) Facility Design Plan (310 CMR 19.030(2)(d) 3.)

Plan/Report # Page #

DEP USE ONLY

NA _____

NA _____

NA _____

NA _____



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B. Project Information (cont.)	Plan/Report #	Page #	DEP USE ONLY
(4) Operation and Maintenance (310 CMR 19.030(2)(d) 4.)	NA	_____	_____
(5) Closure/Post-Closure Plan (310 CMR 19.030(2)(d) 5.)	NA	_____	_____
(6) Hydrogeological Study (310 CMR 19.104(3))	NA	_____	_____
(7) Class II Recycling Program (310 CMR 19.303) (Engineer’s Supervision sign-off not required)	NA	_____	_____

C. Permit Review Documentation and Criteria

Note:
 Complete all sections applicable to requested modification. Refer to referenced regulation citation for applicability. Enter NA if not applicable.

	Plan/Report #	Page #	DEP USE ONLY
1. Documentation			
a. Site Assignment Documentation (310 CMR 19.030(2)(f))	NA	_____	_____
b. MEPA Status (310 CMR 19.030(2)(g))	NA	_____	_____
c. Wetlands Order of Conditions	NA	_____	_____
d. Waste Disposal Contract (Transfer Station)	NA	_____	_____
e. Financial Assurance Estimate and Mechanism (310 CMR 19.051)	NA	_____	_____
2. Permit Criteria (310 CMR 19.038(1)(d))			
a. MEPA Compliance	NA	_____	_____
b. Site Assignment Limits	NA	_____	_____
c. Compliance with Facility Specific Regulations	NA	_____	_____
d. Health & Environmental Impact Assessment	NA	_____	_____
e. Compliance with other applicable laws and regulations	NA	_____	_____



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Application for Solid Waste Management Facility Modification

C. Permit Review Documentation and Criteria (cont.)

	Plan/Report #	Page #	DEP USE ONLY
f. Compliance with Waste Bans	NA		
g. Enforcement Status	NA		
h. Bird Hazard	NA		
i. Structural Support	NA		
j. Wildlife Endangerment	NA		
k. Capacity Utilization (N/A to Handling Facilities)	NA		

D. Certification & Engineer's Supervision: 310 CMR 19.011

Engineer's Supervision:

All papers pertaining to design, operation, or engineering of this site or facility shall be completed under the supervision of a Massachusetts registered professional engineer knowledgeable in solid waste facility design, construction and operation, and shall bear the seal, signature and discipline of said engineer. The soils, geology, air monitoring and groundwater sections of the application or monitoring report shall be completed by competent professionals experienced in the fields of soil science and soil engineering, geology, air monitoring and groundwater, respectively, under the supervision of a Massachusetts registered professional engineer. All mapping and surveying shall be completed by a registered surveyor.

NA
 Print Name

 Authorized Signature

 Position/Title

 Company

 P.E. #

 Date (MM/DD/YYYY)

Responsible Official Certification:

I attest under the pains and penalties of perjury that:

- a) I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification statement;
- b) Based on my inquiry of those persons responsible for obtaining the information, the information contained in this submittal is, to the best of my knowledge, true, accurate and complete;
- c) I am fully authorized to bind the entity required to submit these documents and to make this attestation on behalf of such entity; and
- d) I am aware that there are significant penalties including, but not limited to, administrative and civil penalties for submitting false, inaccurate or incomplete information, and possible fines and imprisonment for knowingly submitting false, inaccurate or incomplete information.

Cherry C. Karlson
 Print Name

 Authorized Signature
Cherry C. Karlson

 Chair, Board of Selectmen
 Position/Title

 06/24/2015
 (MM/DD/YYYY)

Town of Wayland
Post-Closure Use Presumptive Approval Application
Form BWP SW 45, Transmittal Number X266340
June 24, 2015

DESCRIPTION OF PROPOSED ACTIVITY

Pursuant to 310 CMR 19.034(1), the Town of Wayland is submitting an application for presumptive approval of post-closure use of part of the site-assigned parcel known as the Wayland Sand Hill Landfill. Factual information supporting this application is attested to in the attached Affidavit of Stephen Kadlik (“Kadlik Affidavit”).

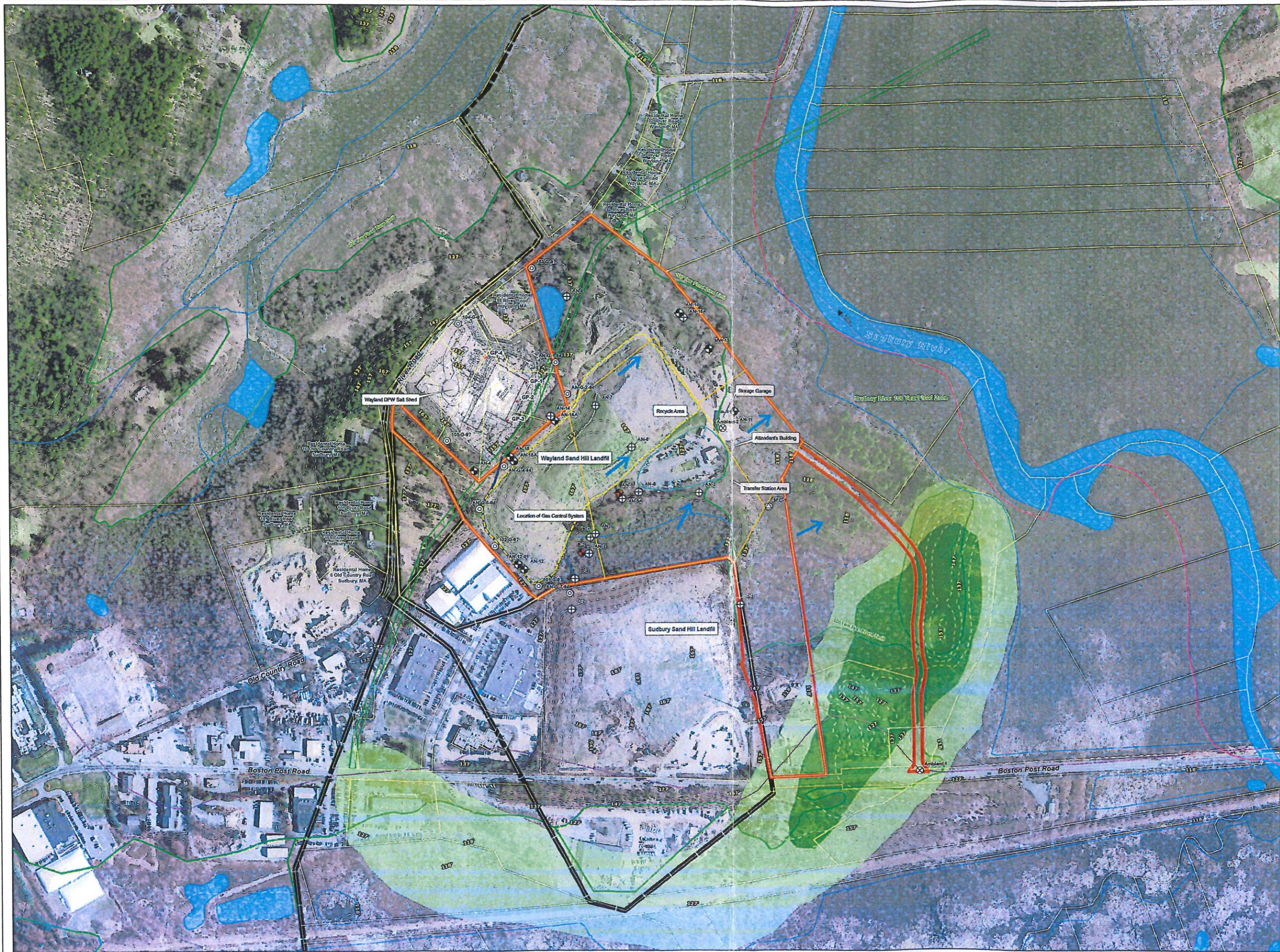
On February 9, 1979, the Wayland Board of Health, in accordance with M.G.L. Chapter 111, Section 150A, issued a site assignment for property located on the north side of the Boston Post Road (Route 20) in Wayland (the “Site-Assigned Property”). A copy of the 1979 site assignment, with plans, is attached as Exhibit A to the Kadlik Affidavit; a March 2013 figure showing the boundaries of the Site-Assigned Property is also attached hereto. The Town of Wayland operated a sanitary landfill on part of the Site-Assigned Property from 1980 to 2008. The Town has submitted a post-closure report to the Massachusetts Department of Environmental Protection (“MassDEP”).

As discussed in a meeting between representatives of the Town and MassDEP staff on February 19, 2015, the Town now intends to make available for construction of rental housing a part of the Site-Assigned Property that was never used for landfill activities. On June 2, 2015, the Wayland Planning Board endorsed an “Approval Not Required” plan in anticipation of the potential development of part of the Site-Assigned Property. A surveyed plan titled “ANR Subdivision Plan, Assessors Map 22, Lot 3, Lot 6 & Lot 7, Boston Post Road, Wayland, Massachusetts” and dated June 1, 2015 (“ANR Plan”) is attached as Exhibit B to the Kadlik Affidavit. The ANR Plan shows a parcel denoted as “Lot A, 143,107± S.F.” (“Lot A”), which is within the Site-Assigned Property. No activities associated with the sanitary landfill have ever been conducted on Lot A. None of the appurtenances for the landfill are located on Lot A or will be affected by construction of the residential project on that lot. As shown on the ANR Plan, Lot A has been combined with two other lots to form a parcel of approximately 8.24 acres (the “River’s Edge Parcel”). The Town intends to convey the River’s Edge Parcel for the construction of rental housing and supporting infrastructure. The River’s Edge Parcel will be conveyed subject to a restriction that there shall be no drinking water wells installed on the Parcel.

The ANR Plan also shows an area denoted as “Access Road,” part of which is also within the Site-Assigned Property. No activities associated with the sanitary landfill other than access to it have ever been conducted on the Access Road. The Town intends to convey an easement to part of the Access Road for access to the River’s Edge Parcel.

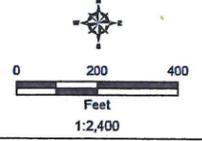
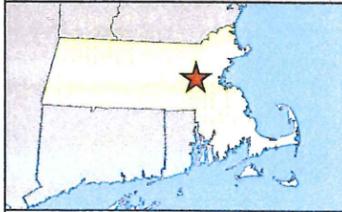
The Town believes that the proposed residential use of Lot A and the Access Road qualify for the presumptive approval procedure in 310 CMR 19.034. It does not believe that DEP’s approval of this use requires review under the Massachusetts Environmental Policy Act (“MEPA”). If MEPA review is required for the construction of the rental housing project, it will be obtained by the developer.

FIGURE 2 - SITE PLAN



- ⊗ Ambient Gas Sampling Location
- ⊙ Landfill Gas Monitoring Well
- ⊕ Groundwater Monitoring Well
- ⊖ Destroyed Groundwater Monitoring Well
- ⊕ Groundwater Monitoring Well location not part of the compliance monitoring plan
- ⊙ Surface Water Sampling Location
- Extent of Refuse
- Gas Control System
- Sand Hill Landfill Parcel
- Wayland Parcels
- Site Assignment Boundary
- Transfer Station Area
- Northeast Gas Trans Co. Easement
- Town Boundary
- Contours (10 ft)
- Wetlands (DEP)
- Community Public Water Supply - Surface Water
- Community Public Water Supply - Groundwater
- Non-Community Non-Transient Public Water Supply
- Non-Community Transient Public Water Supply
- Public Surface Water Supply Protection Area (Zone A)
- DEP Approved Wellhead Protection Area (Zone II)
- DEP Interim Wellhead Protection Area (IWPA)
- Area of Critical Environmental Concern (ACEC)
- EPA Designated Sole Source Aquifer
- Minor Drainage Basin
- Major Drainage Basin
- Public Surface Water Supply (PSWS)
- Lake, Pond, River or Impoundment
- Bay Estuary or other Salt Water Feature
- Streams & Rivers
- Potentially Productive Medium Yield Aquifer
- Potentially Productive High Yield Aquifer
- 100 Year Flood Plain
- ➔ Groundwater Flow Direction

LOCUS MAP



NOTES

1. Based on MassGIS Color Orthophotography (April 2008) Orthophoto Sheet IDs # 20879020 & 21029020
2. Data source: Office of Geographic and Environmental Information (MassGIS), Commonwealth of Massachusetts Executive Office of Environmental Affairs. Data valid as of January 2010.
3. Groundwater flow data taken from "Hydrogeological Study of the Sand Hill Sanitary Landfill," Anderson-Nichols, August 1990.
4. Monitoring Well Locations are approximate. Source: "Sand Hill Sanitary Landfill Site Plan," ECS, December 2007.
5. Western perimeter landfill gas trench location obtained from "Sandhill Landfill Western Perimeter Gas Trench Certification Report," CDM, November 2001.

Sand Hill Sanitary Landfill
 Boston Post Road
 Wayland, Massachusetts
 March 2013



AFFIDAVIT OF STEPHEN F. KADLIK, III

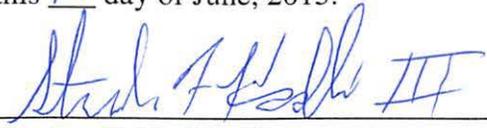
I, Stephen F. Kadlik, III, state under oath as follows:

1. This affidavit is made upon my personal knowledge.
2. I am the Director of Public Works for the Town of Wayland and have held that position since April 1, 2014.
3. Previously, I was employed by the Town of Wayland in the following positions:
 - a. Highway Director (2000 - March 31, 2014), and
 - b. Highway Department Foreman (1974-2000).
4. On February 9, 1979, the Wayland Board of Health assigned as a site for use for disposal of solid wastes by sanitary landfill certain property located on the northern side of the Boston Post Road in Wayland (the "Site-Assigned Property"). A true copy of the 1979 site assignment, including a description of the metes and bounds of the Site-Assigned Property and maps of same, is attached hereto as Exhibit A.
5. The Town of Wayland operated a sanitary landfill on part of the Site-Assigned Property from 1980 to 2008. The Town submitted a post-closure report to the Massachusetts Department of Environmental Protection on March 21, 2014.
6. Attached hereto as Exhibit B is a surveyed plan titled "ANR Subdivision Plan Assessors Map 22 Lot3, Lot 6 & Lot 7 Boston Post Road Wayland, Massachusetts Prepared for Town of Wayland," dated June 1, 2015 (the "ANR Plan"). The ANR Plan shows a parcel denoted as "Lot A, Lot C and Lot E to be Combined Area = 359,287 s.f. \pm 8.24 acres \pm " (the "River's Edge Parcel"), a portion of which is within the Site-Assigned Property. No activities associated with the sanitary landfill have ever been conducted on the River's Edge Parcel. On

Lot E shown on the ANR Plan, road sand excavation, storage of paved road millings and temporary storage of catch basin cleaning debris and snow occurred.

7. The ANR Plan also shows an area denoted as part of "Access Road" (the River's Edge Access Easement Area") within the Site-Assigned Property. No activities associated with the sanitary landfill, other than access to it, have ever been conducted on the River's Edge Access Easement Area.

Signed under the penalties of perjury this 18 day of June, 2015.



Stephen F. Kadlik, III

Exhibit A

TOWN OF WAYLAND



BOARD OF HEALTH

WAYLAND

MASSACHUSETTS

February 9, 1979

LEGAL NOTICE

The Town of Wayland Board of Health, acting in accordance with Section 150 A of Chapter III of the General Laws hereby assigns as a site for use for disposal of solid wastes by sanitary landfill, property located on the northerly side of the Boston Post Road in Wayland, Massachusetts bounded and described as follows:

Parcel I:

Southerly by the Boston Post Road a distance of 254.82 feet; easterly and southerly by land of the Town of Sudbury, a distance of 1996.21 feet; southwesterly by land of Sudbury Racquet Inc. a distance of 503.55 feet; southwesterly by land of Town of Sudbury a distance of 543.13 feet; westerly by River Road a distance of 162.42 feet; northeasterly, northwesterly, and southwesterly by land of Joseph and Louise P. Vacaro a distance of 1773.58 feet; northwesterly by River Road a distance of 401.90 feet; northeasterly by land of John M. and Patricia A. Foley a distance of 442.19 feet; northeasterly by land of the United States of America a distance of 1047.52 feet; easterly by land of the Town of Wayland a distance of 1558.53 feet;

More particularly shown on a plan entitled "Plan of Land in Wayland, Mass. showing Proposed Refuse Disposal District, October 21, 1975, Scale: 1 in. = 200 ft., Wayland Engineering Department".

Parcel II:

The proposed access road from Boston Post Road as shown on a plan entitled "Plan of Land in Wayland, Mass. showing Proposed Access Road, April 5, 1978, Scale as noted, Wayland Engineering Department", a copy of which is on file in the office of the Wayland Board of Health.

Public Hearings were held for the site assignment on June 12, 1975 and November 2, 1978, following due public notice.

The aforesaid assignment is subject to the following conditions:

1. No disposal of solid wastes by sanitary landfill shall be conducted on the site until the Plans and Operational Procedures have been approved

by the Wayland Board of Health and the Massachusetts Department of Environmental Quality Engineering, and their permission in writing has been obtained. Board of Health approval shall be subject to such limitations as may be necessary to protect the public health, comfort, and convenience.

- 2. Access to the site shall be only from the Boston Post Road.
- 3. The Board of Health reserves the right to require fencing and/or guard rails along the access road, to be determined after its construction and anytime thereafter if, in the opinion of the Board of Health, it is deemed necessary.

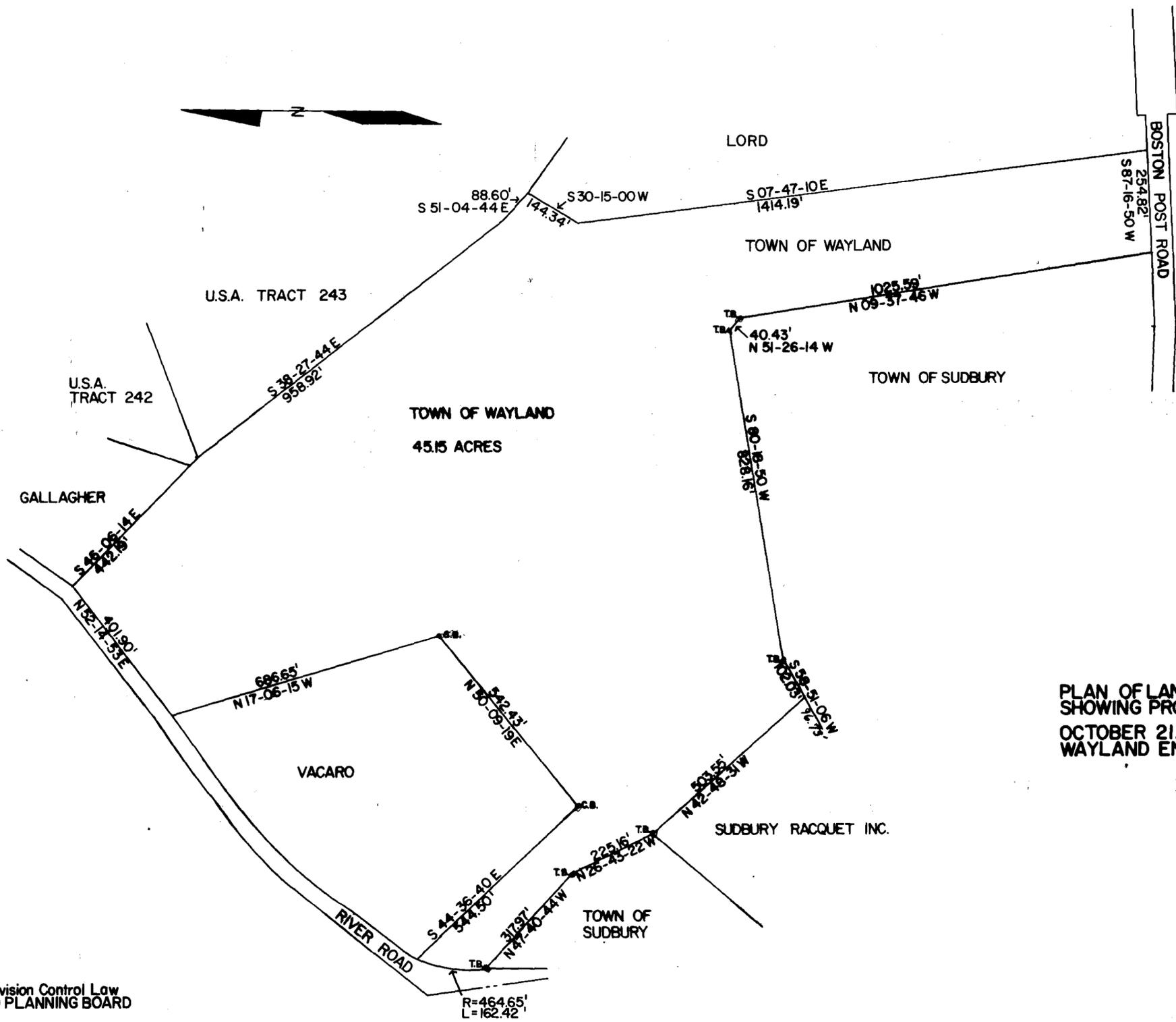
Any person aggrieved by this action of the Wayland Board of Health may, within sixty days of this publication, appeal to the Commissioner of the Department of Environmental Quality Engineering, c/o Docket Clerk, 20th Floor, 100 Cambridge Street, Boston, Ma.

WAYLAND
BOARD OF HEALTH

Patricia M. Hooley

John S. Toub

Joseph H. Carroce



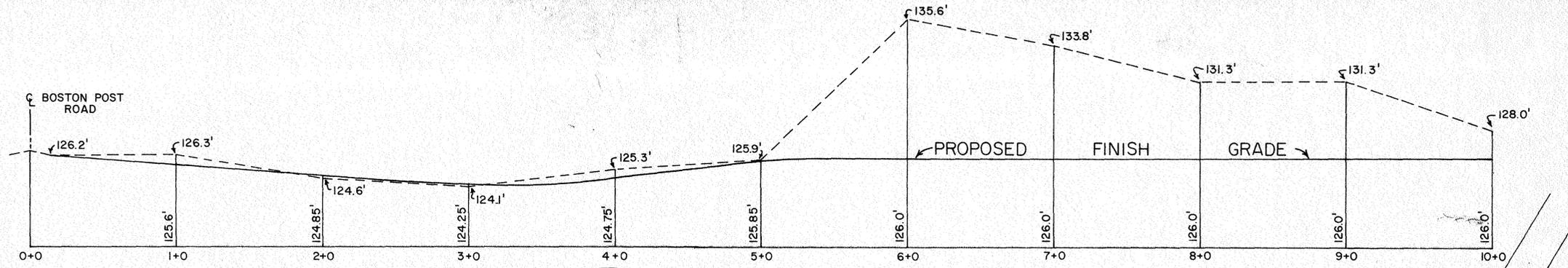
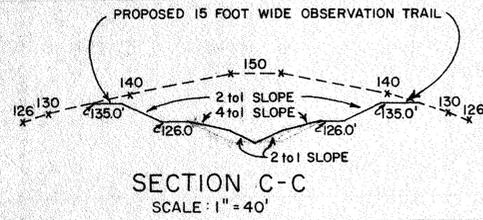
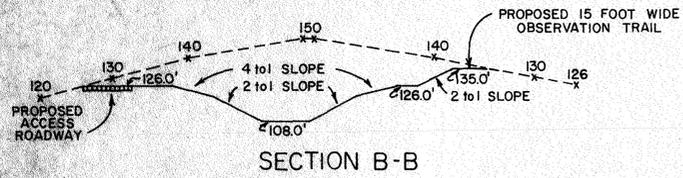
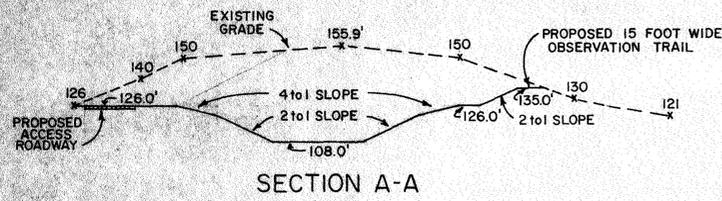
PLAN OF LAND IN WAYLAND, MASS.
 SHOWING PROPOSED REFUSE DISPOSAL DISTRICT
 OCTOBER 21, 1975 SCALE: 1 IN. = 200 FT.
 WAYLAND ENGINEERING DEPARTMENT

Approval under the Subdivision Control Law
 not required. WAYLAND PLANNING BOARD

Date: _____

SUPERVISED BY: L.L.B.	RESEARCH BY: L.L.B.	PLOTTED BY: R.E.K.
FIELD WORK BY: L.L.B.	COMPUTATIONS BY: R.E.K.	DRAWN BY: R.J.M.
WAYLAND ENGINEERING DEPARTMENT		



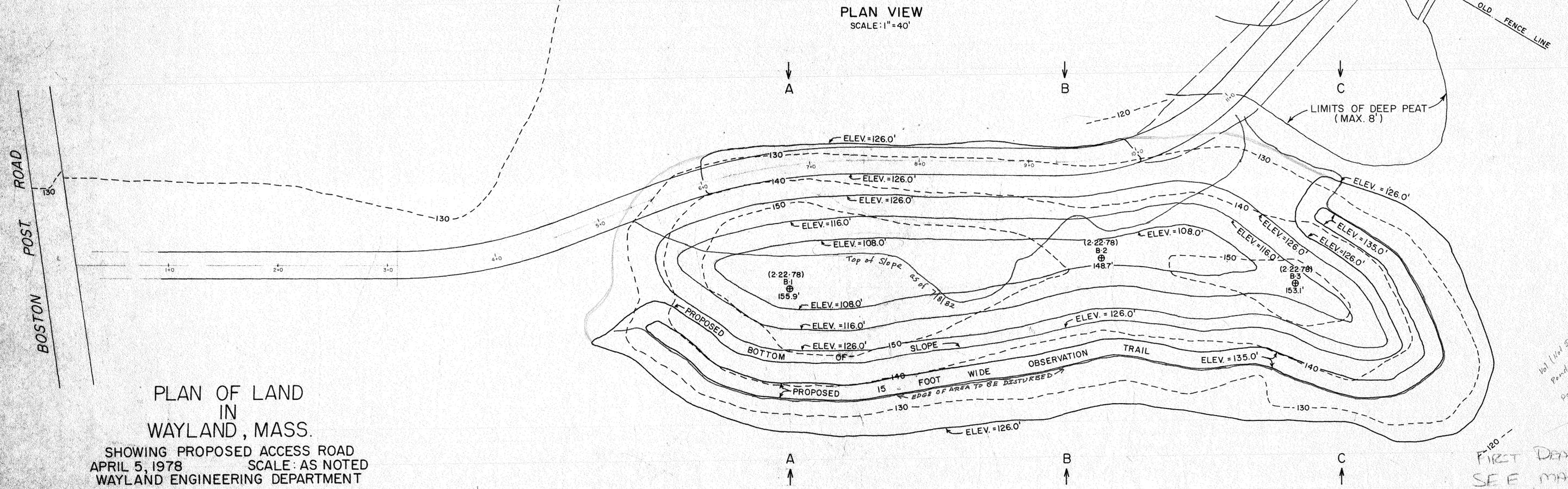


This plan accompanied the Notice of Intent 322-44 submitted in 1978. I have calculated some volume data from it, as listed below. For the original 126' contour I used the green lines plus the adjoining segments of the proposed final 126' contour. The areas enclosed by contours were as follows:
(UNIT = 1000 SQ. FT.)

Entire hill, above 126'	Retaind ridge above 126'	Pond, below 126'
150' - 31.2 + 5.9	135' - 14.2	126' - 73.6
140' - 97.0	126' - 72.6	116' - 45.3
130' - 160.35		108' - 21.2
126' - 191.1		

The calculated volumes then are: Hill, 102,000 cu. yd.; Ridge, 14,000 cu. yd.; Pond, 33,000 cu. yd.

Ken Moon Sept 11, 1994



PLAN OF LAND IN WAYLAND, MASS.
SHOWING PROPOSED ACCESS ROAD
APRIL 5, 1978 SCALE: AS NOTED
WAYLAND ENGINEERING DEPARTMENT

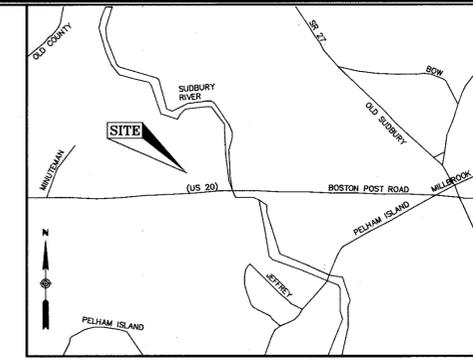
Vol (Not Including Pond) is 400000 sq. yds.
Pond Approx same Amount
Pond Edge About 15.6' Diameter

FIRST DRAFT
SEE MAY 22, 1978
REVISION

Exhibit B



REGISTRY USE ONLY



LOCUS MAP (N.T.S.)

NOTES

1. THIS PLAN WAS PREPARED FROM AN ACTUAL ON THE GROUND FIELD SURVEY CONDUCTED BY WSP SELLS ON NOVEMBER 5-16, 2012 AND MARCH 5, 2013 AND OCTOBER 24-27, 2014.
2. THE HORIZONTAL DATUM SHOWN HEREON REFERENCES MASSACHUSETTS MAINLAND STATE PLANE COORDINATE SYSTEM NAD83.

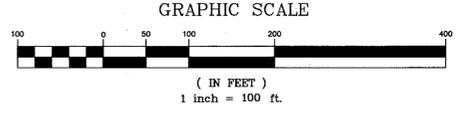
PLAN REFERENCES

1. MASSACHUSETTS STATE HIGHWAY LAYOUT 493 SHEET 4.
2. MASSACHUSETTS STATE HIGHWAY LAYOUT 840 SHEET 1.
3. 1904 STATE HARBOR AND LAND COMMISSION'S TOWN LINE ATLAS.
4. PLAN OF LAND IN WAYLAND, MASS. DATED DECEMBER 12, 1962. RECORDED IN THE MIDDLESEX REGISTRY OF DEEDS SOUTHERN DISTRICT AS PLAN NUMBER 1582 OF 1965.
5. COMPILED PLAN OF LAND IN WAYLAND, MASS. SHOWING PROPOSED LAND TAKINGS FOR DUMP PURPOSES. DATED DECEMBER 16, 1966. RECORDED IN THE MIDDLESEX REGISTRY OF DEEDS SOUTHERN DISTRICT AS PLAN NUMBER 758 OF 1967.
6. PLAN OF LAND IN WAYLAND, MASS. SHOWING LAND TO BE ACQUIRED FOR DUMP PURPOSES. DATED SEPTEMBER 24, 1969. RECORDED IN THE MIDDLESEX REGISTRY OF DEEDS SOUTHERN DISTRICT AS PLAN NUMBER 27 OF 1971.
7. PLAN OF LAND IN WAYLAND, MASS. SHOWING LAND OWNED BY WILLIAM W. AND MARY P. LORD. DATED FEBRUARY 28, 1978. RECORDED IN THE MIDDLESEX REGISTRY OF DEEDS SOUTHERN DISTRICT AS PLAN NUMBER 482 OF 1978.
8. UNITED STATES DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE GREAT MEADOWS NATIONAL WILDLIFE REFUGE UNKNOWN OWNERS TRACT (200). TOWN OF WAYLAND, MIDDLESEX COUNTY, MASSACHUSETTS. RECORDED IN THE MIDDLESEX REGISTRY OF DEEDS SOUTHERN DISTRICT AS PLAN NUMBER 487 OF 2003.
9. UNITED STATES DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE GREAT MEADOWS NATIONAL WILDLIFE REFUGE GIUSEPPE MELONE TRACT (243). TOWN OF WAYLAND, MIDDLESEX COUNTY, MASSACHUSETTS ON FILE WITH THE U.S. FISH AND WILDLIFE SERVICE.

ZONING TABLE

THE SUBJECT PARCEL LIES WITHIN THE REFUSE DISPOSAL DISTRICT AS SHOWN ON THE TOWN OF WAYLAND ZONING MAP APPROVED ON JUNE 7, 2005. CURRENT ZONING REQUIREMENTS ARE AS FOLLOWS:

MINIMUM LOT AREA = NONE
 MINIMUM LOT COVERAGE = NONE
 MINIMUM FRONTAGE = NONE
 MINIMUM FRONT YARD SETBACK = 30 FEET
 MINIMUM REAR YARD SETBACK = 30 FEET
 MINIMUM SIDE YARD SETBACK = 75
 MAXIMUM BUILDING HEIGHT = 35 FEET



WAYLAND PLANNING BOARD

APPROVAL UNDER THE SUBDIVISION CONTROL LAWS NOT REQUIRED.

DATE 6/1/15

Donna Montague

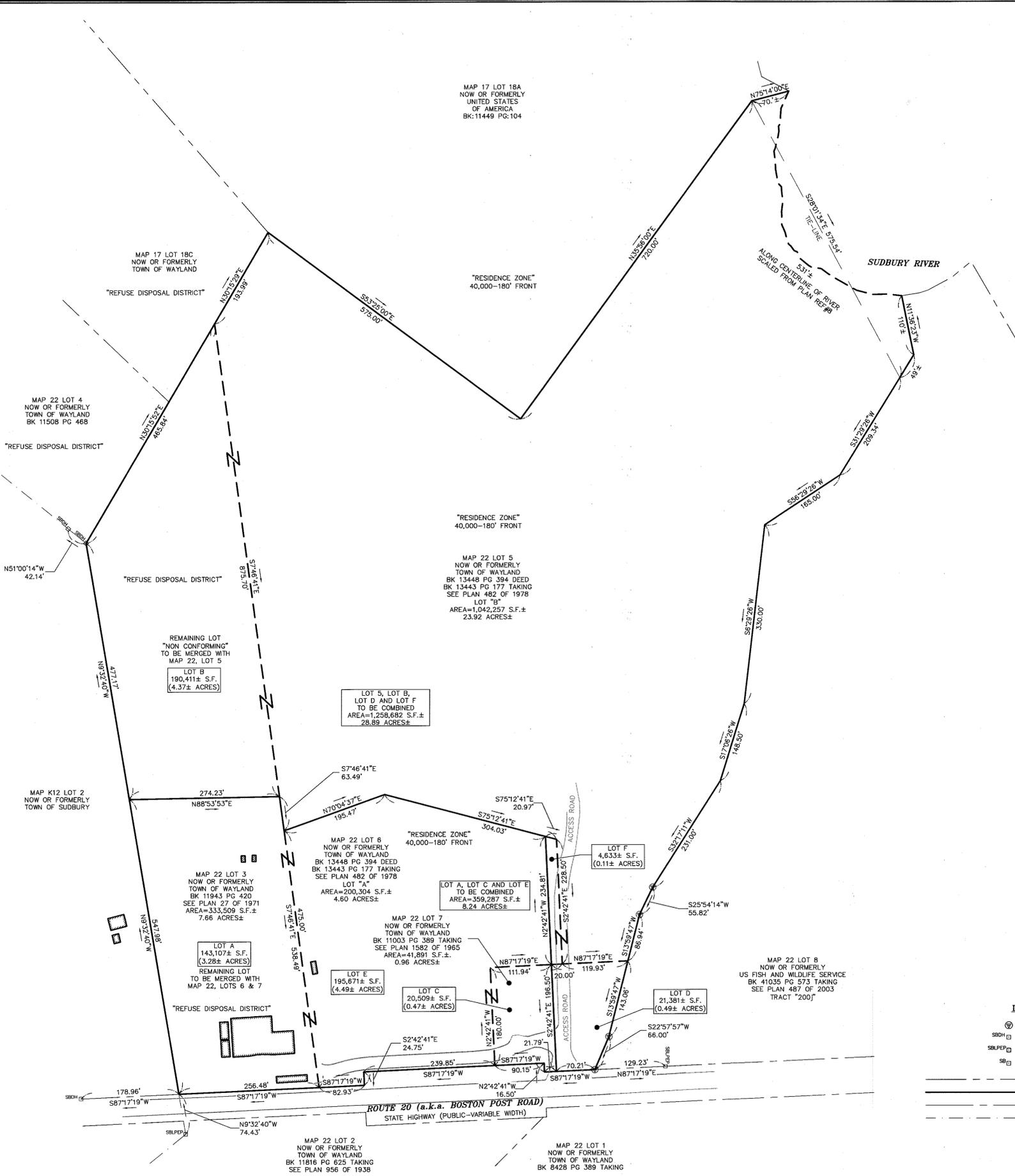
CERTIFICATION:

I HEREBY CERTIFY THAT THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIP, AND THE LINES OF THE STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND THAT NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

THE ABOVE ENDORSEMENT IS NOT A DETERMINATION OF CONFORMANCE WITH ZONING REGULATIONS.



DARREN J. HARDY, P.L.S. DATE: 6/01/15
 REG. NO. 48385
 WSP USA, CORP.



- LEGEND**
- U.S. FISH AND WILDLIFE DISK
 - STONE BOUND WITH DRILL HOLE
 - STONE BOUND LEAD PLUG E/PIN
 - STONE BOUND
 - ABUTTERS LOT LINE
 - PROPERTY LINE
 - RIGHT OF WAY
 - TOWN LINE

ANR SUBDIVISION PLAN
 ASSESSORS MAP 22
 LOT 3, LOT 6 & LOT 7
 BOSTON POST ROAD
 WAYLAND, MASSACHUSETTS
 PREPARED FOR
 TOWN OF WAYLAND

WSP
 Transportation & Infrastructure

155 Main Dunstable Rd. Suites 120 & 125 • Nashua, NH 03060 • 603.595.7900
 www.wspells.com

Drawn By	MS	Date	JUNE 1, 2015	Job No.	123128
Surveyed By	CG, TO, BC, JL	Scale	1" = 100'	Sheet No.	1 OF 1
Checked By	DJH	Book No.	N-256		