

VERNAL POOL FIELD OBSERVATION FORM

301 VP 23-5

IMPORTANT: This form must be signed on the back prior to submittal.

Observer's name: LEO P. KENNEY

Address: 599 LOWELL ST.

PEABODY, MA. 01960

Telephone number: [REDACTED]

Observation date(s): 6/2/90

Town/City containing vernal pool: READING

Name and address of landowner (if indicated on assessor's map):

GREATER BOSTON YMCA, 321 HUNTINGTON AVE., BOSTON, MA. 02115

(23-5)

Directions to site (attach a sketch map if possible):

FOLLOW EAST EDGE OF YMCA PROPERTY ON COOLIDGE MIDDLE SCHOOL SIDE. GO TO REAR OF SCHOOL SITE + CONTINUE STRAIGHT INTO WOODS FOR 50 YDS. POOL IS ON YMCA PROPERTY TO LEFT OF STONE WALL.

Which of the following are you submitting in addition to an assessor's map and a USGS 7-1/2' topographical map which shows the location of the vernal pool:

- Distance and direction to the pool from at least two permanent landmarks
- Aerial photograph
- Professional survey

PLANNING BOARD MAP

Optional material being submitted:

- Sketch map or description of area in immediate vicinity of vernal pool

What evidence are you presenting for the existence of a confined basin depression:

- Photograph of pool of standing water
- Photograph of confined basin depression lacking standing water
- Statement of direct observation (sign appropriate statement below):

I hereby certify that on 6/2/90 (enter date) I observed a pool of standing water without an above-ground outlet at the location of this proposed vernal pool. (signature) Leo P. Kenney

I hereby certify that on _____ (enter date) I observed an area lacking standing water at the location of this proposed vernal pool that clearly contained a confined basin depression.

(signature) _____

Which of the following biological/physical criteria are you providing evidence for:

- Obligate vernal pool-breeding amphibians (see species list on back)
- Fairy shrimp (obligate species)
- Facultative vernal pool amphibians/turtles/invertebrates (see guidelines for complete list of acceptable species)
- Facultative vernal pool mollusks/plants + caddisfly cases (see guidelines for complete list of acceptable species)
- Weekly log book of vernal pool observations

Which of the following types of evidence are you submitting to support your species identifications:

- Photograph(s) (Preferred method)
- Videotape recording
- Tape recording of frog breeding chorus
- Detailed description(s)
- Field notes (limited to biologists competent in species identification)
- Herbarium specimen(s) (plants)
- Other (specify)

How did you confirm that the proposed vernal pool does not support adult fish populations (not required if evidence of obligate vernal pool species is presented):

- I observed that the pool area was dry on 9/10/90 (indicate date)
- I am submitting a photograph of the dry vernal pool site
- Other (specify):

Obligate vernal pool-breeding amphibian species observed:

- Wood Frog
- Spotted Salamander
- Jefferson Salamander
- Blue-spotted Salamander
- Silvery Salamander
- Tremblay's Salamander
- Marbled Salamander
- Unidentified mole salamander

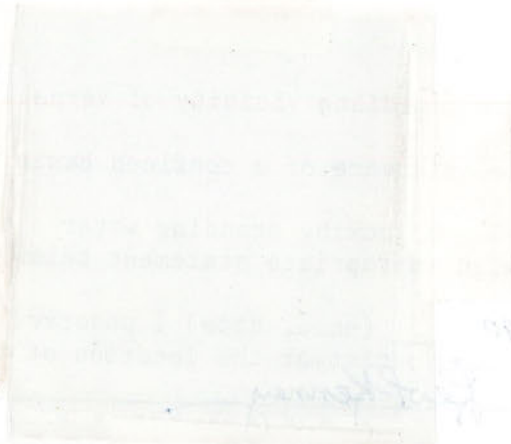
Evidence of breeding (see code at right):

- 6
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Breeding criteria:

1. Breeding chorus
2. Mated pairs
3. Courting adults
4. Spermatophores
5. Egg masses
6. Frog tadpoles
7. Salamander larvae
8. Transforming juveniles

If obligate vernal pool species were not observed, list the facultative species that you observed in the proposed vernal pool.



I hereby certify under pains and penalties of perjury that the information contained in this report is true and complete to the best of my knowledge.

Signature Dev Kennedy Date 2/19/91

Submit field forms and all supporting documentation to:

Vernal Pool Certification
Natural Heritage and Endangered Species Program
MA Division of Fisheries and Wildlife
100 Cambridge Street
Boston, MA 02202
617-727-9194

DESCRIPTION

23-5 (S-10) Private ownership. Pool is shallow and completely within a mature red maple/red oak area. Found accidentally in early June. It needs to be thoroughly investigated in the future. Emergents include highbush blueberry and purple loosestrife. *Pool is in residential neighborhood but at rear of lots so the general appearance is one of deep woods. The site abuts the Town property of the Coolidge Middle School*

FIELD NOTES

23-5 6/2/90 Behind Coolidge pH 5.9 Woodfrog tadpoles. 18cm deep. Highbush blueberry and loosestrife. 10% grass at East end.



23.5

Reading Highlands

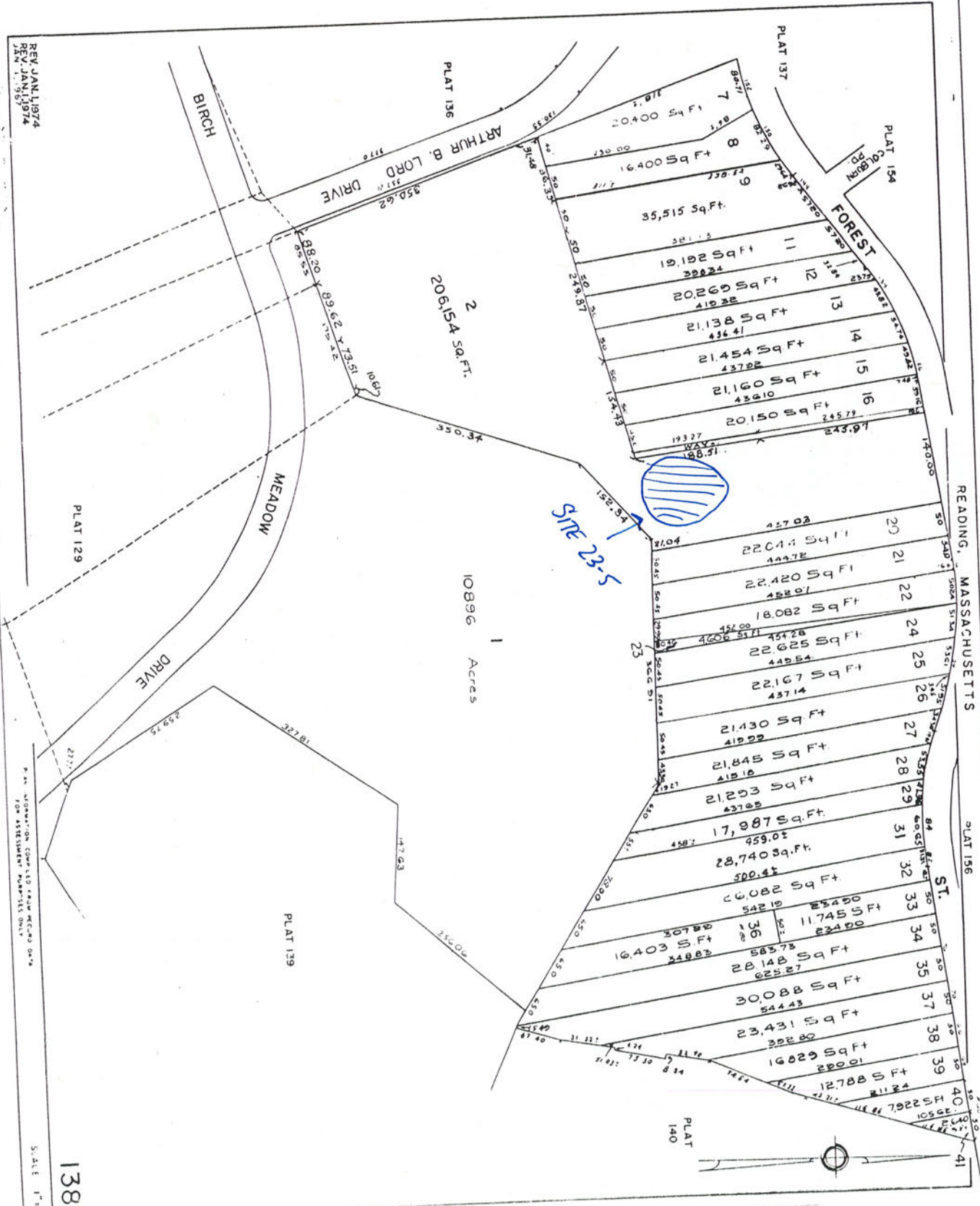
READING.

WAKEFIELD

CVP
301

CVP 301

REV JAN 1, 1974
REV JAN 1, 1974
REV JAN 1, 1974





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 BY PHOTOGRAMMETRIC METHODS
 W AERIAL PHOTOGRAPHS DATED 4-7-74

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SCALE: 1 INCH = 100 FEET
 50 0 100 200 300 400 500 FEET
 DATUM IS MEAN SEA LEVEL
 500-FOOT GRID BASED ON MASSACHUSETTS COORDINATE SYSTEM

