Photo #3: Within the 100-foot buffer of Bordering Vegetated Wetlands near wetland flag number BVW 1-06

Photo #4: Boundary of BVW/upland near wetland flag BVW 1-4. Japanese Knotweed is at left and glossy buckthorn on the right.

#1

#2

#3

#4

MassDEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: COMCAST/VANDERWEIL Prepared by: CHRIS DANFORTH NHCWS #077 Project location: 12 WASHER ST. LOWELL, MA DEP File #: TDM # 31555.00

Check all that apply:

- ☒ Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- ☐ Vegetation and other indicators of hydrology usedto delineateBVW boundary: fill out Sections I and II
- ☐ Method other than dominance test used (attach additional information)

Section I.

ADJACENT TO BVW #1-06

TRANSECT A - WETLAND.

Vegetation	Observation Plot Number:		Transect Number:	Date of Delineation:
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
TREE				
RED MAPLE (ACER RUBRUM)	38	100%	*	FAC *
SHRUB/SAPLING				
GLOSSY BUCKTHORN (RHAMNUS FRANGULA)	38	/86.5 44%	*	FAC *
PEPPERBUSH (CLETHRA ALNIFOLIA)	38	44%	*	FAC *
BUTTONBUSH (CEPHALANTHUS OCCIDENTALIS)	10.5	12%		OBL
HERBACEOUS				
CATTAIL (TYPHA LATIFOLIA)	38	/79.5 48% *	*	OBL *
SENSITIVE FERN (ONOCLEA SENSIBILIS)	20.5	13%		FACW
PURPLE LOOSESTRIFE (LYTHERUM SALICARIA)	20.5	26% *	*	OBL *
NYFERN (PARATHELYPTERIS NOVEBORACENSIS)	10.5	13%		FAC

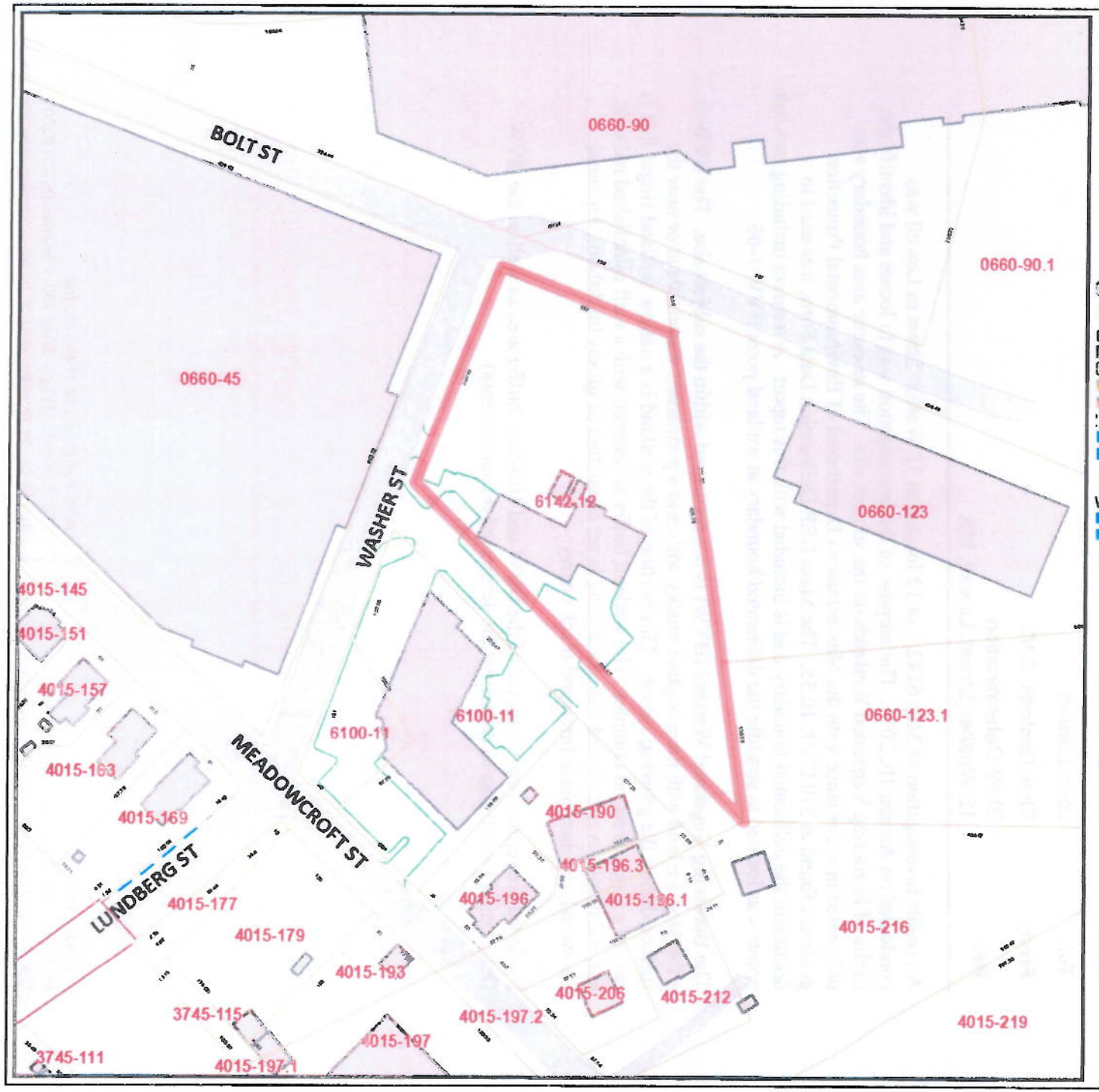
* *Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.*

Vegetation conclusion:

Number of dominant wetland indicator plants: 5 Number of dominant non-wetland indicator plants: Ø

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? yes no

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent



City of Lowell
Massachusetts
12 Washer Street

- Lowell Boundary
- Parcels

Buildings
- Building
- Foundation
- Mobile Home
- Tank
- Deck
- Pool - Above Ground
- Pool - In-Ground

- Paved Roads

Water Bodies
- Open Water
- River

- Border Town Parcels

DISCLAIMER
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1" = 113 ft November 24, 2015