

Wetland wildlife indicators of this area include the observation of a great blue heron and a painted turtle.

We took a close look at the western edge of this parcel as it contained some uplands. On the northeast corner there is an area that is about 75 feet wide by about 275 feet long that is perched on a bedrock mound. The bedrock is visible at the surface in some locations and creates a obvious "hump" that travels north to south. The area is heavily forested and contains the following dominant tree species: white oak (*Quercus alba*), Red Oak (*Quercus alba*), white pine (*Pinus strobus*), black birch (*Betula lenta*), and american beech (*Fagus grandifolia*). Other plants noted in this upland were Partridge berry (*Mitchella repens*), and hayscented fern (*Dennstaedtia punctiloba*). All are considered upland species. Again, the area is dominated by bedrock close to the surface which may make building difficult especially with respect to foundations, septic systems, and access.

There is a second upland area on the southeast corner. It is triangular in shape. The north-south side is about 75 feet long and the east-west side is about 90 feet long. The area contains multiflora rose (*Rosa multiflora*), canada goldenrod (*Solidago canadensis*), and a variety of upland grasses. A soil probe proved the soils in this area to be non-hydric. This area is very small and, due to its size, it may be very difficult to use this area for residential purposes.

Conclusion

This parcel is predominately regulated wetlands under both the MA Wetlands Protection Act and the US Clean Water Act S. 401 and 404. Any work within 100 feet of a Bordering Vegetated wetland in MA will require either a Notice of Intent or a Request for Determination of Applicability filed with both the Northfield Conservation Commission and MA Dept. of Environmental Protection.

The two upland areas that were located have severe physical restrictions. The upland parcel on the northeast side of the property is narrow (about 75 feet), and contains a large area of a bedrock mound that travels north to south. The upland area in the southeast corner is very small and contains a high water table.

If you have any questions about this report please do not hesitate to contact me.

Sincerely,



William A. Lattrell, PWS (Professional Wetland Scientist)
Lattrell Ecological Consulting.