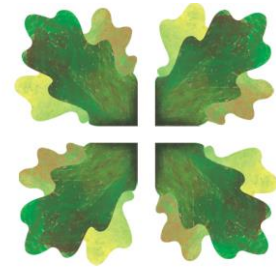


Andrew McKenzie
Dawlish Town Council,
The Manor House,
Old Town Street,
Dawlish,
Devon EX7 9AP

Date: 4th February 2020

Ref: DPTC/1552/5



DOUG PRATT
TREE CONSULTANCY

Dear Andrew McKenzie,

Review of Pine tree, The Manor House, Old Town Street, Dawlish.

Further to your instruction, I can confirm that I have now reviewed the Monterey Pine (*Pinus radiata*), as ongoing monitoring of its condition. Please take this letter as a report of my findings.

Methodology and limitations

I inspected the tree on the 29th January 2020, during good viewing conditions. The Pine has been inspected before¹; please refer to these earlier reports for dimensions and general description.

The inspection/review entailed close observation of the tree base and stem, and the use of binoculars to view the main branch structure, all from ground level. In addition I made note of overall health to compare with previous inspections.

Because the condition of trees can change following severe weather conditions, the effects of disease or pests, and other abiotic factors, so the accuracy of this report decreases with time. This report is most valid for 12 months from the date of assessment.

This report does not consider risk of subsidence or heave to built structures, or the cohesion and integrity of underlying soils and sub-strata.

The assessment of tree condition and associated risk only applies in weather conditions of up to Beaufort Scale 7 (near gale, windspeed 32-38mph).

¹ Annual inspections see reports 1552/1/2/3/4.



doug@dougpratt.co.uk

www.dougpratt.co.uk

tel: 078080 70008



Fellow
membership
number
FE01426



Advanced User

QTRA
registration no.
1192

Status

The Pine is protected by being within the Dawlish Conservation Area, administered by Teignbridge District Council (TDC).

Observations

- The Pine remains in good vitality and reasonable vigour, with an evenly distributed cover of foliage of usual colour.
- There is no change to the tree base or stem, and I did not observe any structural flaw of the main branch architecture of the overall crown.
- I recall from a previous aerial inspection of the pine in 2012² that it has been colonised in multiple locations by *Phellinus pini*, documented as a heart rotting fungus affecting conifers³. At the time of this most recent inspection I noted the continued presence of perennial fruitbodies in the upper canopy.
- Structurally, there are no other significant features to note.

Target values

Please refer to my previous report of 13th October 2016 (ref 1552/2) for an analysis of the target status of the surrounding ground. I have not been made aware of any other changes/information which may change the target values for risk.

Risk assessment

As per my previous report, I have assessed the primary limb arising at 10m above base and extending to the south east (see 3.4.4 of 1522) with internal decay, as the most likely component to fail. The method of risk assessment is Quantified Tree Risk Assessment (QTRA) Version 5.6/16. The methodology is described in detail by the QTRA Practice Note; see <http://www.qtra.co.uk/cms/index.php?section=25>

Risk calculation for limb failure impacting on pedestrians

² DTS report ref: 12.105.1.

³ Diseases of Forest and Ornamental Trees, D. H. Phillips, D.A. Burdekin.



doug@dougpratt.co.uk

www.dougpratt.co.uk

tel: 078080 70008



Fellow
membership
number
FE01426



QTRA
registration no.
1192

Application of the above factors to the QTRA calculation as follows:

- Target range 3; as explained in 4.1.2⁴ (ref. 1552).
 - Size range 1; the limb is greater than 450mm in diameter.
 - Probability of failure range 4; between 1/1,000 to 1/10,000 over the following year.
- **Risk of harm: 1/400,000.**

This annualised figure of risk may be considered as tolerable, if As Low As Reasonably Practicable (ALARP). Please refer to the report 1552 for a discussion of ALARP.

Conclusions and Recommendations:

- An assessment of the condition of a protected Monterey Pine at The Manor House, Old Town Street, Dawlish, has been made as a scheduled review.
- The tree remains in good health and reasonable structural form. No significant features have been recorded by this review.
- The risk which the Pine tree presents may be seen as within tolerable limits, if as low as reasonably practicable, with the agreement of Dawlish Town Council. This applies for the following 12 months.
- Barring unforeseen changes in its rooting environment, adverse weather events, or the effects of pests and disease, I do not anticipate any significant changes in the tree's condition in the medium term.
- I recommend continuing annual review.

That concludes the extent of my report, but if you have any questions relating to the Pine tree please do not hesitate to contact me.

Yours sincerely,

D. P. Pratt

Doug Pratt BSc (Hons.) For., F. Arbor A.

⁴ 2 to 7 pedestrians per hour walking directly under the tree



doug@dougpratt.co.uk

www.dougpratt.co.uk

tel: 078080 70008



Fellow
membership
number
FE01426



QTRA
registration no.
1192