

18. TV Radio and Mobile Phone Reception

18.1 Introduction

- 18.1.1 This Chapter, which has been prepared by Waterman, provides a statement of conformity with regard to the potential TV, Radio and Mobile Phone Reception impacts arising from the Scheme with Phase 1A (North) in place (hereafter referred to as the 'Development'). This statement of conformity is provided pursuant to the s.73 ES to confirm that the overall findings of the s.73 ES with respect to TV, Radio and Mobile Phone Reception remain valid.
- 18.1.2 A review has been undertaken of the detailed design, as defined in **Chapter 2**, to identify elements of the Phase 1A (North) detailed design of relevance to the TV, Radio and Mobile Phone Reception assessment, and a summary of this is provided.
- 18.1.3 A review of the baseline information presented in the s.73 ES has been undertaken and updates are presented where relevant. Any new or different potential TV Radio and Mobile Phone Reception significant impacts arising from the Development from those identified in the s.73 ES are described. Likewise, any new or different mitigation measures from those identified in the s.73 ES are presented where considered necessary, and residual impacts following the application of mitigation are described.

18.2 Policy, Legislation and Guidance

- 18.2.1 There have been no significant changes to policy, legislation or guidance of relevance to TV, Radio and Mobile Reception since the s.73 ES was prepared which have a material effect on the approach to or findings of the assessment.

18.3 Relevant Phase 1A (North) RMAs Details

- 18.3.1 Key Phase 1A (North) infrastructure elements of relevance to the assessment comprise the bridge structures including the replacement of Templehof Bridge (A406) (B1), the Living Bridge (B7) and a new pedestrian and cycle bridge at the M1 junction (B6).
- 18.3.2 The buildings on residential Plots 53 and 54 are three storeys in height and remain below the 12m height constraint defined by the 2014 Permission and assessed by the s.73 ES.
- 18.3.3 These elements along with the surrounding Development Zones were assessed as part of the assessment of the Scheme in outline in the s.73 ES, however further consideration is given to the detailed design brought forward via the Phase 1A (North) RMAs to determine whether this has an effect upon the conclusions of the s.73 ES.

18.4 Assessment Methodology

- 18.4.1 The information presented in the s.73 ES TV, Radio and Mobile Phone Reception methodology section has been reviewed and remains valid.

18.5 Consultation

- 18.5.1 LBB confirmed their acceptance to a Statement of Conformity in their December 2014 EIA Scoping Opinion. No further comments have been received on this topic.

18.6 Baseline Conditions

- 18.6.1 The baseline information presented in Chapter 18: TV, Radio and Mobile Phone reception the s.73 ES has been reviewed and it is deemed to remain valid. As such, no further baseline study has been undertaken. It should be noted that since the ES chapter refers to construction of the Scheme starting in 2011 and referred to 'digital TV switchover' taking place in 2012. Digital switchover was implemented in 2012.

18.7 Assessment and Mitigation

Construction

Potential Impacts

- 18.7.1 There have been no significant changes in the construction programme or methods which will affect the findings of the s.73 assessment.
- 18.7.2 Following a review of legislation, policy and guidance, baseline and the Phase 1A (North) detailed design, it can be confirmed that the assessment of construction-related TV, Radio and Mobile Phone Reception impacts as presented in the s.73 ES Chapter remains valid.

Mitigation

- 18.7.3 No new or different mitigation has been identified as being required.

Residual Impacts

- 18.7.4 No new or different residual construction impacts have been identified .

Operation

Potential Impacts

- 18.7.5 The s.73 ES concluded that there were likely effects on the quality of TV reception from the Crystal Palace transmitter in the shadow zone created by the Scheme and in certain areas there is a low or medium probability of reflection effects impacting on the perceptible quality of TV reception. The s.73 ES also considered effects on other forms of communication including radio stations and mobile phone reception.
- 18.7.6 In consideration of the s.73 ES and the emerging detailed design for Phase 1A (North) which does not contain any tall buildings or structures, it is not considered that any new or different potential significant environmental effects will arise from those presented in the s.73 ES.

Mitigation

- 18.7.7 With the application of mitigation measures presented within the s.73 ES, the ES concluded that there would be no significant residual impacts on TV reception, radio stations or mobile phone reception. With the details of the Phase 1A (North) RMAs available, the conclusions remain the same.

Residual Impacts

18.7.8 No new or different residual operational impacts have been identified. The overall residual impact that the Scheme will have no significant impacts on TV, radio or mobile phone reception therefore remains valid with the Phase 1A (North) RMAs in place.

18.8 Summary

18.8.1 No new or different potential impacts, mitigation or residual impacts arising from the Development have been identified in respect of TV, Radio and Mobile Reception, and all of these remain as identified in the s.73 ES.