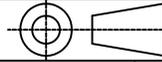


# Appendix K

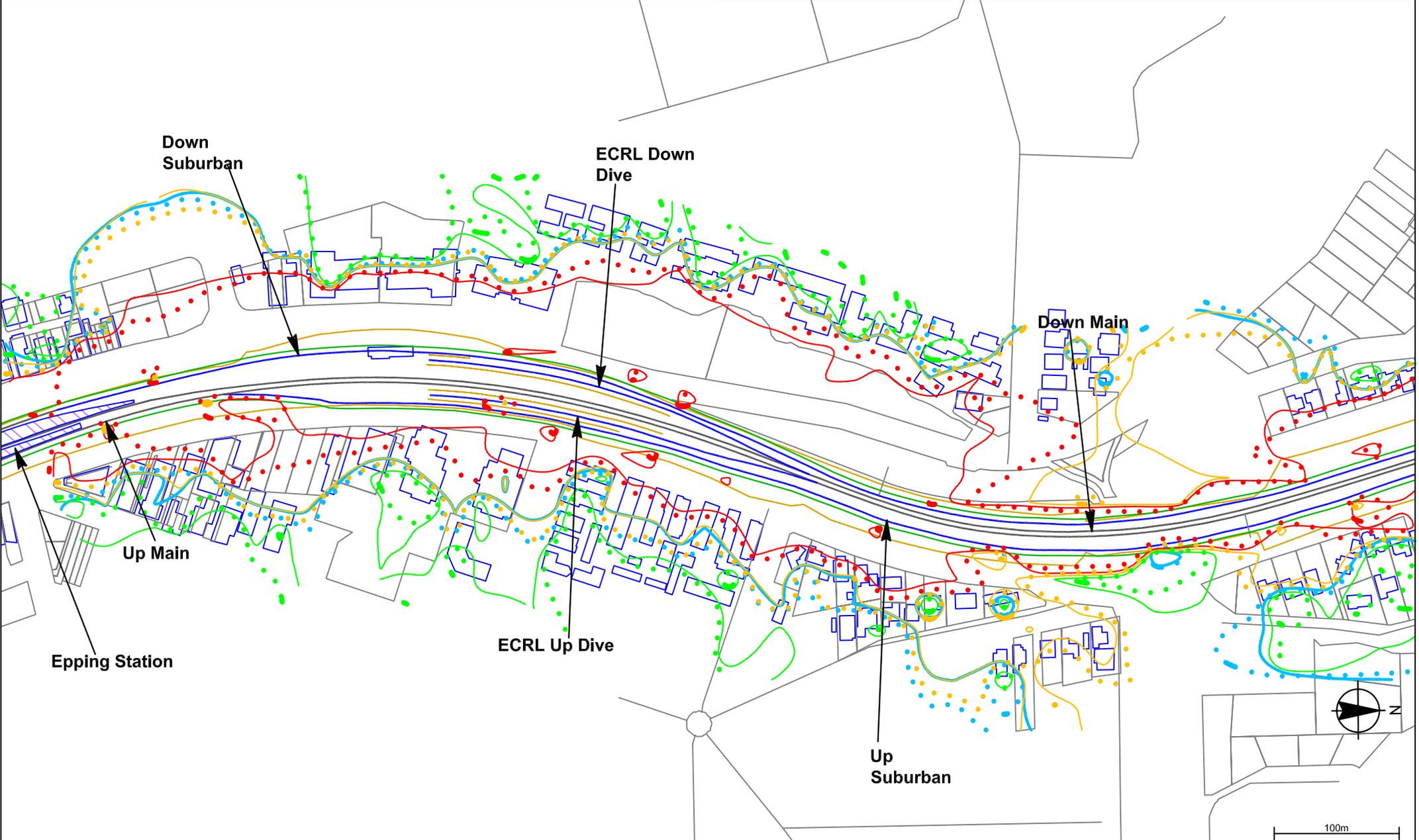
Report 10-4715R2

Cover Page

Main North Line - Noise Contour Plots with 3m Barriers (Freight trains) - ground floor



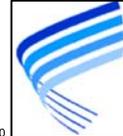
RevNo	Revision note	Date	Initials	Checked



100m

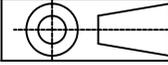
Legend			
85 dBA LAmax No Barriers	60 dBA LAeq(24h) No Barriers	Station Platform	New Train Lines
80 dBA LAmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers	Existing Track	
85 dBA LAmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA LAmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		
Barriers			

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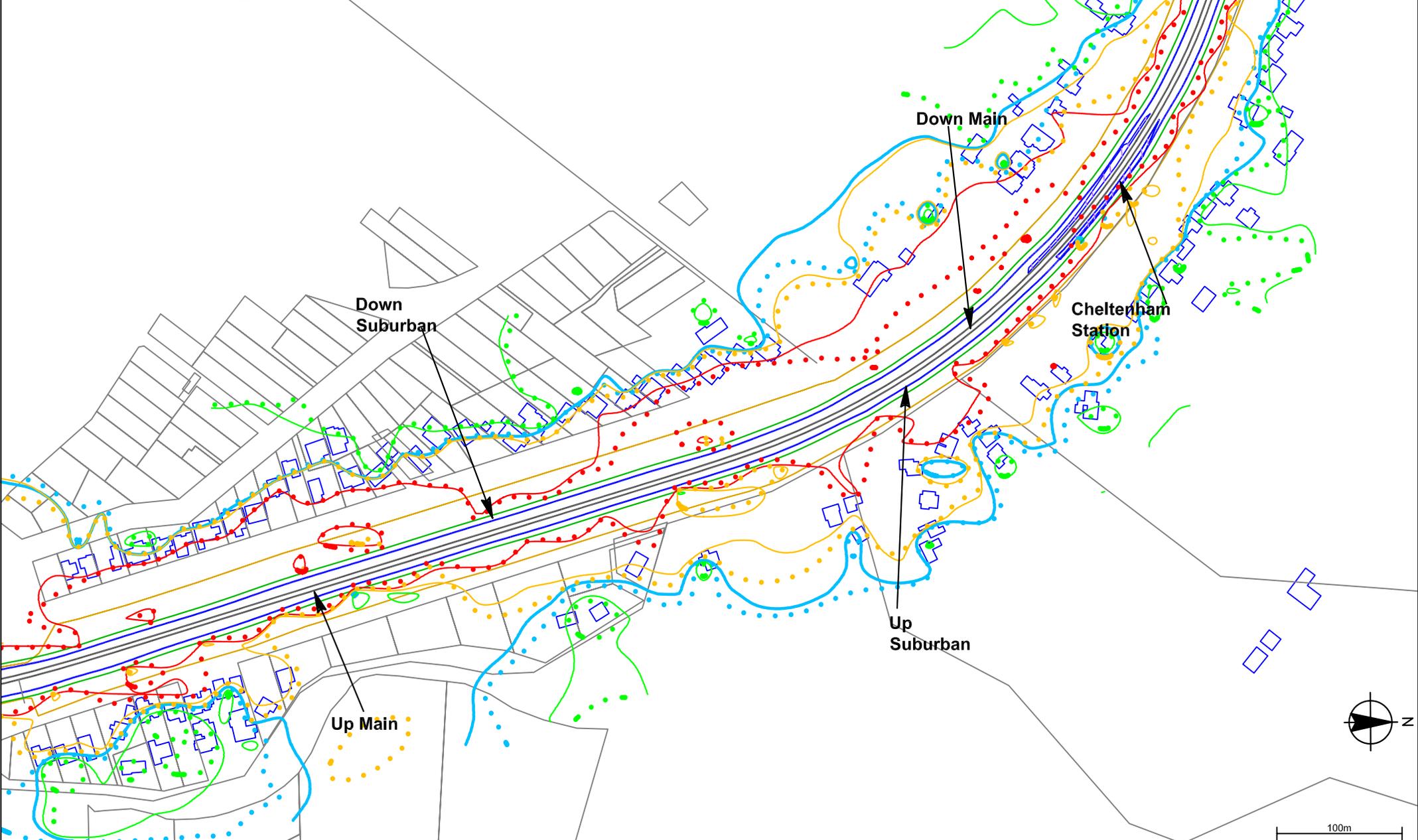


Designed by WK	Checked by CW	Approved by - date	Filename 10-4715 NWRL Appendix K
Title <b>10-4715 NWRL - Appendix K</b> <b>Diesel Freight - Operational Phase with 3.0m Barriers</b> <b>Noise Contours 1.5m Above Ground</b>			

Date 19/08/2006	Scale NTS
DWG.No. K-DF-OP3-NC1.5-01	
Sheet 1	Rev 0



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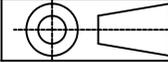


Legend			
85 dBA LAmax No Barriers	60 dBA LAeq(24h) No Barriers	Station Platform	New Train Lines
80 dBA LAmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers	Existing Track	
85 dBA LAmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA LAmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		
Barriers			

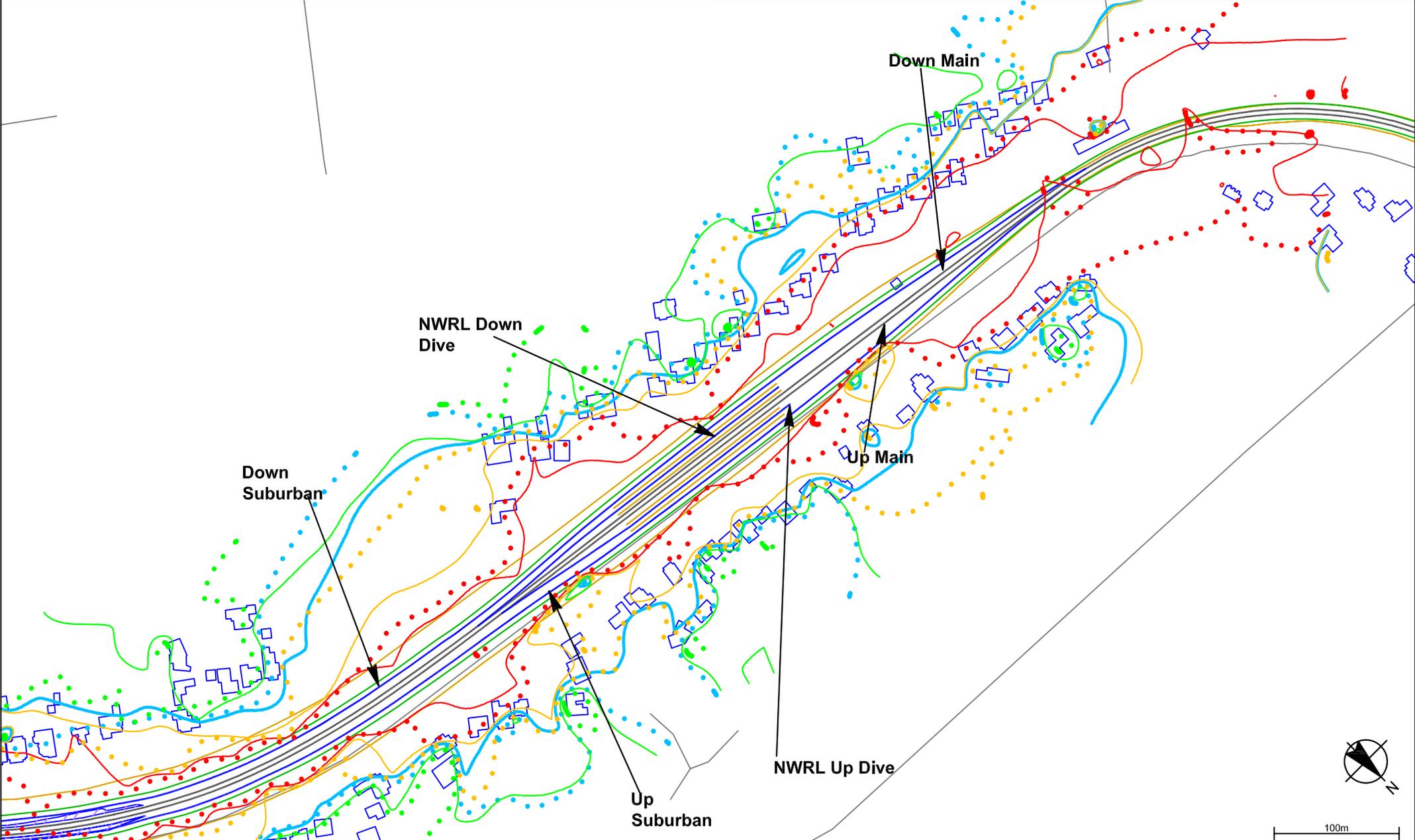
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Designed by WK	Checked by CW	Approved by - date	Filename 10-4715 NWRL Appendix K	Date 19/08/2006	Scale NTS
Title <b>10-4715 NWRL - Appendix K</b> <b>Diesel Freight - Operational Phase with 3.0m Barriers</b> <b>Noise Contours 1.5m Above Ground</b>				DWG.No. K-DF-OP3-NC1.5-02	
				Sheet 2	Rev 0



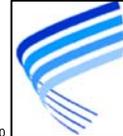
RevNo	Revision note	Date	Initials	Checked
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100m

Legend			
85 dBA LAmax No Barriers	60 dBA LAeq(24h) No Barriers	Existing Track	New Train Lines
80 dBA LAmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers	Station Platform	
85 dBA LAmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA LAmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		
Barriers			

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Designed by <b>WK</b>	Checked by <b>CW</b>	Approved by - date	Filename <b>10-4715 NWRL Appendix K</b>	Date <b>19/08/2006</b>	Scale <b>NTS</b>
Title <b>10-4715 NWRL - Appendix K Diesel Freight - Operational Phase with 3.0m Barriers Noise Contours 1.5m Above Ground</b>				DWG.No. <b>K-DF-OP3-NC1.5-03</b>	
				Sheet <b>3</b>	Rev <b>0</b>