

Appendix J—Noise Technical Report

Part 7

Appendix I—DEIS Noise Technical Report

continued

Appendix C—Alternative 5 Modified Noise Barrier Worksheets

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE: SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 1,800 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 1,000 feet in width by 25 feet in height.
Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Additionally, this calculation was used as the sample mitigation model run for other similar conditions. These results apply to similar isolated receptor conditions for receptors B2, C, E3, F, G2 and N2.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure

Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure

Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure

Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 1,820 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?

NOTE: SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 2,780 feet in width by 20 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible and reasonable.

Barrier subject to change based on the detailed noise analysis.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefited receivers

Number of Benefited Receivers (same as above) <input type="text"/>	
Number of Benefited Receivers in support of noise abatement measure <input type="text"/>	Percentage of Benefited Receivers in support of noise abatement measure <input type="text"/>
Number of Benefited Receivers opposed to noise abatement measure <input type="text"/>	Percentage of Benefited Receivers opposed to noise abatement measure <input type="text"/>
Number of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>	Percentage of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 3,492 feet in width by 20 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but is not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: Jul 13, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)	<input style="width: 100%; height: 30px;" type="text"/>	
Number of Benefited Receivers in support of noise abatement measure	<input style="width: 100%; height: 30px;" type="text"/>	Percentage of Benefited Receivers in support of noise abatement measure <input style="width: 70px; height: 30px;" type="text"/>
Number of Benefited Receivers opposed to noise abatement measure	<input style="width: 100%; height: 30px;" type="text"/>	Percentage of Benefited Receivers opposed to noise abatement measure <input style="width: 70px; height: 30px;" type="text"/>
Number of Benefited Receivers that did not respond to solicitation on noise abatement measure	<input style="width: 100%; height: 30px;" type="text"/>	Percentage of Benefited Receivers that did not respond to solicitation on noise abatement measure <input style="width: 70px; height: 30px;" type="text"/>

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 844 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is not feasible.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: Jul 3, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 2,000 feet in width by 20 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: Jul 3, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 4,200 feet in width by 20 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible and reasonable.

Barrier subject to change based on the detailed noise analysis.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 2,600 feet in width by 15 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above) <input type="text"/>	
Number of Benefited Receivers in support of noise abatement measure <input type="text"/>	Percentage of Benefited Receivers in support of noise abatement measure <input type="text"/>
Number of Benefited Receivers opposed to noise abatement measure <input type="text"/>	Percentage of Benefited Receivers opposed to noise abatement measure <input type="text"/>
Number of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>	Percentage of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 3,400 feet by width by 15 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible and reasonable.

Barrier subject to change based on the detailed noise analysis.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible? Yes No
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible.

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 4,177 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is not feasible.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 2,330 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 2,200 feet in width by 15 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above) <input type="text"/>	
Number of Benefited Receivers in support of noise abatement measure <input type="text"/>	Percentage of Benefited Receivers in support of noise abatement measure <input type="text"/>
Number of Benefited Receivers opposed to noise abatement measure <input type="text"/>	Percentage of Benefited Receivers opposed to noise abatement measure <input type="text"/>
Number of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>	Percentage of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 2,200 feet in width by 15 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible and reasonable.

Barrier subject to change based on the detailed noise analysis.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
 NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 5,047 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE: SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 5,200 feet in width by 15 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible and reasonable.

Barrier subject to change based on the results from the detailed noise analysis.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: Jul 3, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above) <input type="text"/>	
Number of Benefited Receivers in support of noise abatement measure <input type="text"/>	Percentage of Benefited Receivers in support of noise abatement measure <input type="text"/>
Number of Benefited Receivers opposed to noise abatement measure <input type="text"/>	Percentage of Benefited Receivers opposed to noise abatement measure <input type="text"/>
Number of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>	Percentage of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 5,400 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible and reasonable.

Barrier subject to change based on the detailed noise analysis.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 3,201 feet in width by 10 to 15 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible and reasonable.

Barrier subject to change based on the detailed noise analysis.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible.

Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 2,669 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is not feasible.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure

Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure

Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure

Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 2,406 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above) <input type="text"/>	
Number of Benefited Receivers in support of noise abatement measure <input type="text"/>	Percentage of Benefited Receivers in support of noise abatement measure <input type="text"/>
Number of Benefited Receivers opposed to noise abatement measure <input type="text"/>	Percentage of Benefited Receivers opposed to noise abatement measure <input type="text"/>
Number of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>	Percentage of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 2,000 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible and reasonable.

Barrier is subject to change based on the detailed noise analysis.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: June 28, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No

NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 7,998 feet in width by 20 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: July 6, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above)

Number of Benefited Receivers in **support** of noise abatement measure Percentage of Benefited Receivers in **support** of noise abatement measure

Number of Benefited Receivers **opposed** to noise abatement measure Percentage of Benefited Receivers **opposed** to noise abatement measure

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 3,399 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible but not reasonable.

Noise Technical Report

SCDOT Feasibility and Reasonableness Worksheet

Date: July 20, 2018

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?
 NOTE: SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible. Yes No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|--|
| Topography | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

Noise Technical Report

#1: Noise Reduction Design Goal

Number of Benefited Receivers Number of Benefited Receivers that achieve at least an 8 dBA reduction

Percentage of Benefited Receivers in the first two building rows that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers in the first two building rows must achieve at least a 8 dBA reduction for it to be reasonable.

Does the proposed noise abatement measure meet the noise reduction design goal? Yes No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure Estimated construction cost for noise abatement measure

Estimated cost per Benefited Receiver

Based on the SCDOT policy of \$30,000 per Benefited Receiver, would the abatement measure be reasonable? Yes No
NOTE: SCDOT Policy states that the preliminary noise analysis is based on \$35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation.

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above) <input type="text"/>	
Number of Benefited Receivers in support of noise abatement measure <input type="text"/>	Percentage of Benefited Receivers in support of noise abatement measure <input type="text"/>
Number of Benefited Receivers opposed to noise abatement measure <input type="text"/>	Percentage of Benefited Receivers opposed to noise abatement measure <input type="text"/>
Number of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>	Percentage of Benefited Receivers that did not respond to solicitation on noise abatement measure <input type="text"/>

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. Yes No

Barrier wall is 3,985 feet in width by 25 feet in height.

Based on the above results from the preliminary analysis, this abatement feature is feasible and reasonable.

Barrier subject to change based the detailed noise analysis.

Noise Technical Report

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Appendix D—Typical Construction Equipment Noise Levels

Noise Technical Report

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Noise Technical Report

Equipment Noise Levels and Extent of Construction Noise

Equipment	Noise Level Emissions (dB(A)) at 50 Feet From Equipment ¹			
	70	80	90	100
Pile Driver				██████████
Jack Hammer		██████████		
Tractor	██████████			
Road Grader		██████████		
Backhoe	██████████			
Truck		██████████		
Paver			████	
Pneumatic Wrench		██████		
Crane		██████████		
Concrete Mixer		██████████		
Compressor		██████████		
Front-End Loader	██████████			

Noise Technical Report

Equipment Noise Levels and Extent of Construction Noise

Equipment	Noise Level Emissions (dB(A)) at 50 Feet From Equipment ¹			
	70	80	90	100
Generator	████████████████████			
Saws	████████████████████			
Roller (Compactor)	████			

Source: Adapted from Noise Construction Equipment and Operations, Building Equipment, and Home Appliances. U.S. Environmental Protection Agency. Washington D.C. 1971.

¹Cited noise level ranges are typical for the equipment cited. Noise energy dissipates as a function of distance between the source and the receptor. For example, if the noise level from a pile driver at a distance of 50 feet = 100 decibels (dB(A)), then at 400 feet, it might be 82 decibels (dB(A)) or less.

Appendix E—Summary of Predicted Traffic Noise Levels

Noise Technical Report

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Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
A1	64.7	64.6	70	5.3	yes	66	B
A2	61.8	61.8	66.1	4.3	yes	66	C
B1	65.5	65.6	71.1	5.6	yes	66	B
B2	63.1	64.3	65.7	2.6	no	66	B
C1	72.8	72.3	75.2	2.4	yes	71	E
D1	75.9	76	RELOCATION			71	E
D2	59.8	59.9	62.7	2.9	no	66	B
D3	41.2	41.8	43.8	2.6	no	51	D
D4	64.8	65.2	66.5	1.7	no	71	E
E1	69.1	69.4	71.8	2.7	yes	71	E
E2	59.6	59.7	62.2	2.6	no	66	B
E3	59.4	59.6	62.1	2.7	no	66	B
E4	59.8	60	62.5	2.7	no	66	B
E5	59.9	60	62.6	2.7	no	66	B
E6	58.1	58.2	60.7	2.6	no	66	B
E7	58.8	58.9	61.5	2.7	no	66	B
E8	60	60.2	62.8	2.8	no	66	B
E9	59.7	59.9	62.5	2.8	no	66	B
E10	58.9	59.1	61.6	2.7	no	66	B
E11	59.5	59.7	62.2	2.7	no	66	B
E12	59	59.2	61.7	2.7	no	66	B
E13	61.2	61.4	64	2.8	no	66	B
E14	59.8	60	62.5	2.7	no	66	B
E15	62.4	62.6	65.1	2.7	no	66	B
E16	60.2	60.5	62.9	2.7	no	66	B
E17	62.6	62.8	65.2	2.6	no	66	B
E18	60.5	60.7	63.1	2.6	no	66	B
E19	62.8	63	65.3	2.5	no	66	B
E20	60.6	60.8	63.2	2.6	no	66	B
E21	62.9	63.1	65.3	2.4	no	66	B
E22	60.7	60.9	63.3	2.6	no	66	B
E23	62.9	63.1	65.3	2.4	no	66	B
E24	63	63.2	65.3	2.3	no	66	B
E25	63.2	63.5	65.6	2.4	no	66	B
E26	63.4	63.6	65.7	2.3	no	66	B
E27	63.3	63.5	65.6	2.3	no	66	B
E28	63.3	63.6	65.6	2.3	no	66	B
E29	69.6	69.8	71.8	2.2	yes	66	C

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
E30	68.2	68.3	70.5	2.3	no	71	E
F1	46.9	47.2	49	2.1	no	51	D
F2	47.8	48.1	50.2	2.4	no	51	D
F3	66.4	66.2	68.4	2	yes	66	C
F4	58.8	59.1	60.8	2	no	66	C
G1	68.3	68.1	70.6	2.3	no	71	E
G2	66.2	66.1	69.1	2.9	yes	66	B
G3	68.6	68.6	71.1	2.5	yes	66	B
G4	66.1	66	69	2.9	yes	66	B
G5	68.5	68.4	70.9	2.4	yes	66	B
G6	68.1	68.1	70.6	2.5	yes	66	B
G7	65.7	65.7	68.7	3	yes	66	B
G8	65.5	65.4	68.5	3	yes	66	B
G9	68	67.9	70.4	2.4	yes	66	B
G10	70.1	70	72.4	2.3	yes	66	B
G11	68	67.9	71	3	yes	66	B
G12	70.7	70.6	73	2.3	yes	66	B
G13	68.5	68.5	71.7	3.2	yes	66	B
G14	67.9	67.9	70.3	2.4	yes	66	B
G15	65.7	65.6	68.4	2.7	yes	66	B
G16	68.2	68.2	70.6	2.4	yes	66	B
G17	66	66	68.7	2.7	yes	66	B
G18	71.8	71.8	74	2.2	yes	66	B
G19	69.9	69.8	73.1	3.2	yes	66	B
G20	72.9	72.9	75	2.1	yes	66	B
G21	69.3	69.3	71.7	2.4	yes	66	B
G22	70.8	70.8	74	3.2	yes	66	B
G23	67.9	67.9	70.3	2.4	yes	66	B
G24	67.3	67.2	70	2.7	yes	66	B
G25	65.8	65.7	68.4	2.6	yes	66	B
G26	68.2	68.2	70.6	2.4	yes	66	B
G27	68.8	68.8	71.1	2.3	yes	66	B
G28	66.1	66.1	68.7	2.6	yes	66	B
G29	69.7	69.7	72	2.3	yes	66	B
G30	66.7	66.6	69.3	2.6	yes	66	B
G31	69.1	69.1	71.4	2.3	yes	66	B
G32	67	67	69.6	2.6	yes	66	B
G33	67.6	67.6	70.4	2.8	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
G34	65.7	65.6	68.2	2.5	yes	66	B
G35	67.8	67.8	70.2	2.4	yes	66	B
G36	65.5	65.5	68.1	2.6	yes	66	B
G37	67.7	67.7	70.1	2.4	yes	66	B
G38	66.4	66.4	68.8	2.4	yes	66	B
G39	65.3	65.2	67.7	2.4	yes	66	C
G40	68.7	68.8	71	2.3	yes	66	B
G41	66.8	66.8	69.1	2.3	yes	66	B
G42	69.1	69.2	71.3	2.2	yes	66	B
G43	71.6	71.6	73.7	2.1	yes	66	B
G44	69.6	69.6	72.5	2.9	yes	66	B
G45	72.7	72.7	74.7	2	yes	66	B
G46	70.5	70.5	73.4	2.9	yes	66	B
G47	73.2	73.2	75.2	2	yes	66	B
G48	71	71.1	74	3	yes	66	B
G49	76	76	RELOCATION			66	B
G50	74.1	74.1	RELOCATION			66	B
G51	76.4	76.3	RELOCATION			66	B
G52	74.6	74.6	RELOCATION			66	B
G53	74.9	74.9	76.8	1.9	yes	66	B
G54	72.9	72.9	75.8	2.9	yes	66	B
G55	75.4	75.3	77.2	1.8	yes	66	B
G56	73.3	73.3	76.1	2.8	yes	66	B
G57	72.3	72.3	74.3	2	yes	66	B
G58	66.7	66.7	68.9	2.2	yes	66	B
G59	70.3	70.3	73.1	2.8	yes	66	B
G60	68.8	68.8	70.9	2.1	yes	66	B
G61	66.6	66.6	68.8	2.2	yes	66	B
G62	68.7	68.7	70.9	2.2	yes	66	B
G63	67.4	67.5	69.8	2.4	yes	66	B
G64	66.5	66.5	68.7	2.2	yes	66	B
G65	68.5	68.5	70.7	2.2	yes	66	B
G66	74.3	74.3	76.1	1.8	yes	66	B
G67	66.4	66.4	68.5	2.1	yes	66	B
G68	68.4	68.4	70.6	2.2	yes	66	B
G69	72.4	72.4	75.2	2.8	yes	66	B
G70	71.7	71.7	73.7	2	yes	66	B
G71	75.1	75.1	76.9	1.8	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
G72	73.2	73.2	75.9	2.7	yes	66	B
G73	69.8	69.8	72.4	2.6	yes	66	B
G74	72.3	72.3	74.2	1.9	yes	66	B
G75	70.3	70.4	72.9	2.6	yes	66	B
G76	67	67	69.4	2.4	yes	66	B
G77	65.1	65.1	67.5	2.4	yes	66	B
G78	67.3	67.3	69.6	2.3	yes	66	B
G79	65.4	65.4	67.7	2.3	yes	66	B
G80	73.9	73.9	75.7	1.8	yes	66	B
G81	72	72.1	74.6	2.6	yes	66	B
G82	68.3	68.3	70.4	2.1	yes	66	B
G83	66.5	66.4	68.5	2	yes	66	B
G84	74.5	74.6	76.3	1.8	yes	66	B
G85	70.2	70.3	72.2	2	yes	66	B
G86	68.6	68.7	70.7	2.1	yes	66	B
G87	66.8	66.8	68.8	2	yes	66	B
G88	72.8	72.8	75.3	2.5	yes	66	B
G89	68.4	68.4	70.6	2.2	yes	66	B
G90	70.6	70.7	72.6	2	yes	66	B
G91	68.7	68.7	71	2.3	yes	66	B
G92	67.5	67.5	69.6	2.1	yes	66	B
G93	69.7	69.8	71.8	2.1	yes	66	B
G94	67.9	67.9	70	2.1	yes	66	B
G95	61.3	61.3	66.6	5.3	yes	66	B
G96	70.2	70.2	72.2	2	yes	66	B
G97	63.6	63.6	67.5	3.9	yes	66	B
G98	73.1	73.2	75.6	2.5	yes	66	B
G99	61.2	61.2	66.4	5.2	yes	66	B
G100	65.2	65.2	67.6	2.4	yes	66	B
G101	72	72	73.9	1.9	yes	66	B
G102	75	75.1	76.7	1.7	yes	66	B
G103	67.5	67.5	69.7	2.2	yes	66	B
G104	72.9	73	75.3	2.4	yes	66	B
G105	70.1	70.1	72.6	2.5	yes	66	B
G106	63.5	63.6	67.4	3.9	yes	66	B
G107	65.6	65.6	67.9	2.3	yes	66	B
G108	74.8	74.9	76.5	1.7	yes	66	B
G109	67.8	67.9	70	2.2	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
G110	72.5	72.5	74.3	1.8	yes	66	B
G111	70.6	70.7	73.1	2.5	yes	66	B
G112	67.2	67.2	69.2	2	yes	66	B
G113	68.7	68.7	70.7	2	yes	66	B
G114	69.4	69.5	71.5	2.1	yes	66	B
G115	67.6	67.6	69.6	2	yes	66	B
G116	66.7	66.7	68.8	2.1	yes	66	B
G117	69.8	69.8	71.8	2	yes	66	B
G118	69.1	69.1	71.1	2	yes	66	B
G119	67.2	67.2	69.2	2	yes	66	B
G120	67.2	67.3	69.4	2.2	yes	66	B
G121	65.2	65.2	67.6	2.4	yes	66	B
G122	67.5	67.6	69.7	2.2	yes	66	B
G123	69.8	69.9	71.8	2	yes	66	B
G124	65.5	65.5	67.8	2.3	yes	66	B
G125	68	68.1	70.1	2.1	yes	66	B
G126	66.2	66.2	68.4	2.2	yes	66	B
G127	70.4	70.4	72.3	1.9	yes	66	B
G128	68.4	68.5	70.4	2	yes	66	B
G129	66.1	66.1	68.3	2.2	yes	66	B
G130	68.3	68.4	70.4	2.1	yes	66	B
G131	68.4	68.5	70.7	2.3	yes	66	B
G132	65.8	65.8	68.1	2.3	yes	66	B
G133	68.1	68.1	70.1	2	yes	66	B
G134	65.7	65.7	68	2.3	yes	66	B
G135	68	68	70.1	2.1	yes	66	B
G136	65.5	65.5	67.8	2.3	yes	66	B
G137	71.7	71.7	73.5	1.8	yes	66	B
G138	67.8	67.9	69.9	2.1	yes	66	B
G139	65.4	65.4	67.8	2.4	yes	66	B
G140	67.7	67.8	69.8	2.1	yes	66	B
G141	69.6	69.7	72.1	2.5	yes	66	B
G142	72.2	72.3	74	1.8	yes	66	B
G143	64.3	64.3	66	1.7	yes	66	C
G144	70.1	70.2	72.6	2.5	yes	66	B
G145	69.9	70.1	72.4	2.5	yes	66	B
G146	72.2	72.3	73.9	1.7	yes	66	B
G147	69.7	69.8	72.1	2.4	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
G148	71.9	72	73.7	1.8	yes	66	B
G149	69.3	69.4	71.7	2.4	yes	66	B
G150	71.6	71.6	73.4	1.8	yes	66	B
G151	69.1	69.2	71.4	2.3	yes	66	B
G152	68.2	68.3	70.3	2.1	yes	66	B
G153	71.4	71.4	73.2	1.8	yes	66	B
G154	66.1	66.1	68.3	2.2	yes	66	B
G155	68.6	68.7	70.6	2	yes	66	B
G156	68.5	68.6	70.7	2.2	yes	66	B
G157	70.7	70.8	72.6	1.9	yes	66	B
G158	68.3	68.4	70.5	2.2	yes	66	B
G159	70.5	70.6	72.3	1.8	yes	66	B
G160	66.4	66.5	68.5	2.1	yes	66	B
G161	68	68.1	70.1	2.1	yes	66	B
G162	70.1	70.1	72	1.9	yes	66	B
G163	67.8	67.9	69.8	2	yes	66	B
G164	69.8	69.9	71.8	2	yes	66	B
G165	69.5	69.5	71.4	1.9	yes	66	B
G166	67.5	67.6	69.5	2	yes	66	B
G167	67.7	67.7	69.7	2	yes	66	B
G168	70	70	71.9	1.9	yes	66	B
G169	65.4	65.5	67.7	2.3	yes	66	B
G170	67.9	68	70	2.1	yes	66	B
G171	68	68.1	70	2	yes	66	B
G172	65.7	65.7	67.9	2.2	yes	66	B
G173	68.9	69	70.8	1.9	yes	66	B
G174	66.7	66.8	68.7	2	yes	66	B
G175	69.3	69.4	71.2	1.9	yes	66	B
G176	67.2	67.3	69.1	1.9	yes	66	B
H5	63.6	63.5	66.5	2.9	yes	66	B
H6	64.2	64.2	67.2	3	yes	66	B
H7	64.3	64.2	67.3	3	yes	66	B
H8	64.6	64.5	67.5	2.9	yes	66	B
H70	65.8	65.6	68.7	2.9	yes	66	B
H71	66.5	66.4	69.4	2.9	yes	66	B
H72	66.6	66.5	69.5	2.9	yes	66	B
H73	66.9	66.8	69.7	2.8	yes	66	B
H94	67.1	67	69.5	2.4	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
H95	67.8	67.7	70.1	2.3	yes	66	B
H96	67.9	67.7	70.2	2.3	yes	66	B
H97	68.1	67.9	70.4	2.3	yes	66	B
H212	61.5	61.3	64.2	2.7	no	71	E
H213	59.3	59.4	61.9	2.6	no	66	B
H214	62.3	62.4	64.6	2.3	no	66	B
H215	63.7	63.7	66	2.3	yes	66	B
H216	59.2	59.2	61.8	2.6	no	66	B
H217	62.2	62.2	64.5	2.3	no	66	B
H218	63.6	63.6	65.9	2.3	no	66	B
H219	59	59	61.6	2.6	no	66	B
H220	62.1	62.1	64.3	2.2	no	66	B
H221	63.4	63.4	65.7	2.3	no	66	B
H222	58.9	58.9	61.5	2.6	no	66	B
H223	62	62	64.2	2.2	no	66	B
H224	63.3	63.3	65.6	2.3	no	66	B
H225	58.8	58.8	61.4	2.6	no	66	B
H226	61.9	61.9	64.1	2.2	no	66	B
H227	63.2	63.2	65.5	2.3	no	66	B
H228	58.6	58.7	61.3	2.7	no	66	B
H229	61.8	61.8	64	2.2	no	66	B
H230	63.1	63.1	65.4	2.3	no	66	B
H231	58.5	58.5	61.1	2.6	no	66	B
H232	61.7	61.7	63.9	2.2	no	66	B
H233	63	63	65.3	2.3	no	66	B
H234	58.4	58.4	61	2.6	no	66	B
H235	61.6	61.6	63.8	2.2	no	66	B
H236	62.9	62.9	65.2	2.3	no	66	B
H237	58.3	58.3	60.9	2.6	no	66	B
H238	61.5	61.5	63.7	2.2	no	66	B
H239	62.8	62.8	65.2	2.4	no	66	B
H240	58.2	58.2	60.8	2.6	no	66	B
H241	61.4	61.4	63.6	2.2	no	66	B
H242	62.7	62.7	65.1	2.4	no	66	B
H243	58	58	60.7	2.7	no	66	B
H244	61.3	61.3	63.5	2.2	no	66	B
H245	62.6	62.6	65	2.4	no	66	B
H246	57.9	57.9	60.6	2.7	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
H247	61.2	61.2	63.4	2.2	no	66	B
H248	62.5	62.5	64.9	2.4	no	66	B
H249	57.8	57.8	60.5	2.7	no	66	B
H250	61.1	61.1	63.3	2.2	no	66	B
H251	62.4	62.4	64.8	2.4	no	66	B
H252	56.6	56.6	59.1	2.5	no	66	B
H270	65.2	65.1	68.3	3.1	yes	66	B
H271	67.7	67.6	70.5	2.8	yes	66	B
H272	68.8	68.6	71.1	2.3	yes	66	B
H273	64.9	64.8	67.9	3	yes	66	B
H274	67.3	67.2	70.2	2.9	yes	66	B
H275	68.4	68.3	70.8	2.4	yes	66	B
H276	64	63.9	66.9	2.9	yes	66	B
H277	66.2	66.1	69.2	3	yes	66	B
H278	67.6	67.4	70	2.4	yes	66	B
H279	64.5	64.3	67.3	2.8	yes	66	B
H280	66.7	66.6	69.6	2.9	yes	66	B
H281	68	67.8	70.3	2.3	yes	66	B
H282	64.2	64.1	67.1	2.9	yes	66	B
H283	66.5	66.4	69.4	2.9	yes	66	B
H284	67.8	67.7	70.2	2.4	yes	66	B
H285	65.3	65.2	68.3	3	yes	66	B
H286	67.8	67.7	70.5	2.7	yes	66	B
H287	68.9	68.7	71.2	2.3	yes	66	B
H288	63.9	63.8	66.8	2.9	yes	66	B
H289	66.2	66.1	69.1	2.9	yes	66	B
H290	67.5	67.4	69.9	2.4	yes	66	B
H291	63.7	63.6	66.6	2.9	yes	66	B
H292	65.9	65.8	68.9	3	yes	66	B
H293	67.3	67.2	69.7	2.4	yes	66	B
H301	65.8	65.7	69.1	3.3	yes	66	B
H302	60.6	60.3	63	2.4	no	71	E
I1	63.5	63.5	67	3.5	yes	66	B
I2	63.7	63.7	67.2	3.5	yes	66	B
I3	63.6	63.6	67.1	3.5	yes	66	B
I4	63.4	63.4	66.9	3.5	yes	66	B
I5	63.4	63.3	66.9	3.5	yes	66	B
I6	63.2	63.1	66.7	3.5	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
I7	63.4	63.3	66.9	3.5	yes	66	B
I8	63.5	63.4	66.9	3.4	yes	66	B
I9	63.6	63.5	67.1	3.5	yes	66	B
I10	63.2	63.2	66.7	3.5	yes	66	B
I11	63	62.9	66.4	3.4	yes	66	B
I12	63	62.9	66.3	3.3	yes	66	B
I13	63.2	63.2	66.6	3.4	yes	66	B
I14	63.4	63.4	66.7	3.3	yes	66	B
I15	74	74.1	RELOCATION			66	B
I16	71.2	71.2	74.1	2.9	yes	66	B
I17	70.3	70.3	73	2.7	yes	66	B
I18	67	67	69.8	2.8	yes	66	B
I19	64.8	64.8	68.3	3.5	yes	66	B
I20	65.1	65.1	68.6	3.5	yes	66	B
I21	65	64.9	68.4	3.4	yes	66	B
I22	64.8	64.8	68.4	3.6	yes	66	B
I23	68.5	68.4	71.8	3.3	yes	66	B
I24	64.6	64.6	68.2	3.6	yes	66	B
I25	68.2	68.2	71.5	3.3	yes	66	B
I26	64.5	64.5	68.1	3.6	yes	66	B
I27	68.1	68.1	71.4	3.3	yes	66	B
I28	64.5	64.4	68	3.5	yes	66	B
I29	67.9	67.9	71.1	3.2	yes	66	B
I30	64.3	64.2	67.8	3.5	yes	66	B
I31	67.8	67.7	70.9	3.1	yes	66	B
I32	64.2	64.2	67.7	3.5	yes	66	B
I33	67.7	67.7	70.9	3.2	yes	66	B
I34	67.4	67.4	70.5	3.1	yes	66	B
I35	66.9	66.8	70	3.1	yes	66	B
I36	66.8	66.7	69.9	3.1	yes	66	B
I37	66.9	66.9	70	3.1	yes	66	B
I38	66.6	66.6	69.7	3.1	yes	66	B
I39	66.4	66.3	69.5	3.1	yes	66	B
I40	65.7	65.7	69	3.3	yes	66	B
I41	65.3	65.2	68.7	3.4	yes	66	B
I42	64.8	64.7	68.3	3.5	yes	66	B
I43	64.8	64.7	68.3	3.5	yes	66	B
I44	64.2	64.1	67.5	3.3	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
I45	65.6	65.5	68.8	3.2	yes	66	B
I46	64.7	64.6	68.1	3.4	yes	66	B
I47	67.5	67.4	70.5	3	yes	66	B
I48	64.6	64.6	68	3.4	yes	66	B
I49	64.3	64.2	67.6	3.3	yes	66	B
I50	67.6	67.5	70.6	3	yes	66	B
I51	67.8	67.8	70.9	3.1	yes	66	B
I52	64.6	64.5	68	3.4	yes	66	B
I53	67.6	67.6	70.6	3	yes	66	B
I54	64.7	64.6	68	3.3	yes	66	B
I55	67.7	67.6	70.7	3	yes	66	B
I56	64.6	64.5	67.9	3.3	yes	66	B
I57	67.3	67.3	69.8	2.5	yes	66	B
I58	64.7	64.7	68.1	3.4	yes	66	B
I59	67.7	67.7	70.8	3.1	yes	66	B
I60	67.7	67.7	70.1	2.4	yes	66	B
I61	65.6	65.6	68.8	3.2	yes	66	B
I62	68.3	68.3	70.7	2.4	yes	66	B
I63	65.7	65.6	68.8	3.1	yes	66	B
I64	68.3	68.3	70.7	2.4	yes	66	B
I65	65.6	65.5	68.7	3.1	yes	66	B
I66	69	68.9	71.3	2.3	yes	66	B
I67	68.3	68.3	70.6	2.3	yes	66	B
I68	66.8	66.7	69.7	2.9	yes	66	B
I69	69.7	69.7	72	2.3	yes	66	B
I70	64.2	64.2	67.4	3.2	yes	66	B
I71	66.7	66.6	69.6	2.9	yes	66	B
I72	67.7	67.6	70.7	3	yes	66	B
I73	66.9	66.9	69.3	2.4	yes	66	B
I74	69.3	69.3	71.6	2.3	yes	66	B
I75	70.5	70.5	72.8	2.3	yes	66	B
I76	64.4	64.3	67.6	3.2	yes	66	B
I77	67	66.9	69.8	2.8	yes	66	B
I78	68.4	68.4	71.6	3.2	yes	66	B
I79	67	67	69.4	2.4	yes	66	B
I80	65.6	65.5	68.6	3	yes	66	C
I81	69.5	69.4	71.8	2.3	yes	66	B
I82	67.2	67.2	70.1	2.9	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
I83	70.5	70.4	73.7	3.2	yes	66	B
I84	69.7	69.7	72	2.3	yes	66	B
I85	73	73	75.1	2.1	yes	66	B
I86	70.4	70.4	73.7	3.3	yes	66	B
I87	73.1	73	75.1	2	yes	66	B
I88	70.7	70.6	73.9	3.2	yes	66	B
I89	73.3	73.3	75.3	2	yes	66	B
I90	70.6	70.6	73.9	3.3	yes	66	B
I91	73.3	73.2	75.3	2	yes	66	B
I92	71	71	73.2	2.2	yes	66	B
I93	68.9	68.8	72.2	3.3	yes	66	B
I94	71.9	71.9	74.1	2.2	yes	66	B
I95	69.8	69.8	73.1	3.3	yes	66	B
I96	73.1	73	75	1.9	yes	66	B
I97	69.6	69.5	71.7	2.1	yes	66	B
I98	67.4	67.4	70.2	2.8	yes	66	B
I99	70.2	70.1	72.3	2.1	yes	66	B
I100	67.9	67.9	70.8	2.9	yes	66	B
I101	70.8	70.7	72.9	2.1	yes	66	B
I102	71.2	71.2	74.4	3.2	yes	66	B
I103	68.5	68.5	71.6	3.1	yes	66	B
I104	70.5	70.5	72.6	2.1	yes	66	B
I105	68.5	68.5	71.5	3	yes	66	B
I106	71.5	71.5	73.6	2.1	yes	66	B
I107	69.5	69.4	72.6	3.1	yes	66	B
I108	73.6	73.6	RELOCATION			66	B
I109	72.8	72.8	74.7	1.9	yes	66	B
I110	75.8	75.8	RELOCATION			66	B
I111	73.6	73.6	RELOCATION			66	B
I112	71.1	71	74	2.9	yes	66	B
I113	75.7	75.6	RELOCATION			66	B
I114	73.3	73.3	RELOCATION			66	B
I115	75.5	75.5	RELOCATION			66	B
I116	64.4	64	66.5	2.1	yes	66	B
I117	67	66.6	68.2	1.2	yes	66	B
I118	64.5	64.1	66.6	2.1	yes	66	B
I119	66.8	66.5	68.1	1.3	yes	66	B
I120	69.1	68.8	70.2	1.1	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
I121	66.7	66.3	68.4	1.7	yes	66	B
I122	66.3	66	68.1	1.8	yes	66	B
I123	68.9	68.6	70	1.1	yes	66	B
I124	64.4	64	66.5	2.1	yes	66	B
I125	64.6	64.2	66.6	2	yes	66	B
I126	64.8	64.4	66.9	2.1	yes	66	B
I127	65.1	64.7	67.1	2	yes	66	B
I128	65.4	64.9	67.3	1.9	yes	66	B
I129	69.3	69	71.1	1.8	yes	66	B
I130	68.9	68.6	70.7	1.8	yes	66	B
I131	71.7	71.4	72.7	1	yes	66	B
I132	71.4	71.1	72.4	1	yes	66	B
I133	65.8	65.3	67.6	1.8	yes	66	B
I134	66.2	65.7	67.9	1.7	yes	66	B
I135	67.5	67.1	68.7	1.2	yes	66	B
I136	65.1	64.6	67.1	2	yes	66	B
I137	66.5	66	68.2	1.7	yes	66	B
I138	68	67.5	69.1	1.1	yes	66	B
I139	65.5	65	67.4	1.9	yes	66	B
I140	66.9	66.5	68.5	1.6	yes	66	B
I141	67.2	66.8	68.8	1.6	yes	66	B
I142	68.7	68.3	69.8	1.1	yes	66	B
I143	66.2	65.8	67.9	1.7	yes	66	B
I144	73.9	73.6	RELOCATION			66	B
I145	67.6	67.1	69.1	1.5	yes	66	B
I146	73.4	73.1	RELOCATION			66	B
I147	75.7	75.5	RELOCATION			66	B
I148	75.3	75	RELOCATION			66	B
I149	69.1	68.7	70.2	1.1	yes	66	B
I150	66.7	66.2	68.4	1.7	yes	66	B
I151	67.9	67.5	69.5	1.6	yes	66	B
I152	67.9	67.4	69	1.1	yes	66	B
I153	68.3	67.8	69.9	1.6	yes	66	B
I154	65.4	64.9	67.3	1.9	yes	66	B
I155	68.7	68.2	70.3	1.6	yes	66	B
I156	68.3	67.9	69.5	1.2	yes	66	B
I157	65.9	65.4	67.7	1.8	yes	66	B
I158	69.1	68.7	70.8	1.7	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
I159	69.1	68.6	70.2	1.1	yes	66	B
I160	69.7	69.2	71.4	1.7	yes	66	B
I161	66.7	66.2	68.4	1.7	yes	66	B
I162	69.5	69	70.6	1.1	yes	66	B
I163	67.1	66.6	68.7	1.6	yes	66	B
I164	71	70.6	RELOCATION			66	B
I165	71.8	71.4	RELOCATION			66	B
I166	72.4	72	RELOCATION			66	B
I167	73.1	72.8	RELOCATION			66	B
I168	70.1	69.6	71.8	1.7	yes	66	B
I169	70.4	70	72.2	1.8	yes	66	B
I170	66.4	66	68.4	2	no	71	E
I171	60.9	61.1	62.8	1.9	no	66	B
I172	58.4	58.5	60.8	2.4	no	66	B
J1	66.8	66.3	68.2	1.4	yes	66	B
J2	68.4	67.7	69.5	1.1	yes	66	B
J3	69.4	68.7	70	0.6	yes	66	B
J4	70.7	70	71.2	0.5	yes	66	B
J5	70.3	69.7	70.7	0.4	yes	66	B
J6	71.7	71.1	71.9	0.2	yes	66	B
J7	65	64.7	66.5	1.5	yes	66	B
J8	64.9	64.6	66.4	1.5	yes	66	B
J9	64.7	64.3	66.1	1.4	yes	66	B
J10	64.5	64.1	65.9	1.4	no	66	B
J11	64.4	64	65.9	1.5	no	66	B
J12	64.1	63.8	65.7	1.6	no	66	B
J15	67.4	66.8	68.4	1	yes	66	B
J16	67.3	66.7	68.2	0.9	yes	66	B
J17	67	66.4	68	1	yes	66	B
J18	66.7	66.2	67.7	1	yes	66	B
J19	66.7	66.1	67.7	1	yes	66	B
J20	66.4	65.8	67.5	1.1	yes	66	B
J23	68.5	67.9	69.1	0.6	yes	66	B
J24	68.3	67.8	69	0.7	yes	66	B
J25	68.1	67.6	68.8	0.7	yes	66	B
J26	67.9	67.3	68.6	0.7	yes	66	B
J27	67.8	67.3	68.5	0.7	yes	66	B
J28	67.6	67.1	68.3	0.7	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J31	66.1	66.1	69.1	3	yes	66	B
J32	68.9	68.9	72.2	3.3	yes	66	B
J33	66.3	66.3	69.4	3.1	yes	66	B
J34	72.9	72.8	75	2.1	yes	66	B
J35	74.9	74.8	75.9	1	yes	66	B
J36	72.7	72.6	74.8	2.1	yes	66	B
J37	74.7	74.6	75.8	1.1	yes	66	B
J38	72.5	72.4	74.7	2.2	yes	66	B
J39	74.6	74.5	75.7	1.1	yes	66	B
J40	72.5	72.3	74.6	2.1	yes	66	B
J41	74.5	74.4	75.6	1.1	yes	66	B
J42	69.4	69.3	71.9	2.5	yes	66	B
J43	72.4	72.3	74.6	2.2	yes	66	B
J44	74.5	74.4	75.6	1.1	yes	66	B
J45	71.9	71.7	73.1	1.2	yes	66	B
J46	72.3	72.2	74.5	2.2	yes	66	B
J47	69.1	69	71.6	2.5	yes	66	B
J48	74.5	74.3	75.5	1	yes	66	B
J49	71.7	71.6	73	1.3	yes	66	B
J50	72.1	71.9	74.2	2.1	yes	66	B
J51	69	68.9	71.5	2.5	yes	66	B
J52	74.3	74.1	75.3	1	yes	66	B
J53	71.9	71.8	74.1	2.2	yes	66	B
J54	71.6	71.4	72.8	1.2	yes	66	B
J55	68.8	68.7	71.3	2.5	yes	66	B
J56	71.5	71.3	72.7	1.2	yes	66	B
J57	74	73.8	75	1	yes	66	B
J58	68.8	68.6	71.3	2.5	yes	66	B
J59	71.4	71.3	72.7	1.3	yes	66	B
J60	68.6	68.4	71.1	2.5	yes	66	B
J61	71.4	71.3	73.6	2.2	yes	66	B
J62	71.3	71.1	72.5	1.2	yes	66	B
J63	73.7	73.6	74.7	1	yes	66	B
J64	68.4	68.3	70.9	2.5	yes	66	B
J65	66.4	66.3	69	2.6	yes	66	B
J66	71.4	71.2	73.5	2.1	yes	66	B
J67	71.1	70.9	72.3	1.2	yes	66	B
J68	69.2	69	70.6	1.4	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J69	73.7	73.5	74.7	1	yes	66	B
J70	68.2	68.1	70.7	2.5	yes	66	B
J71	66.3	66.2	68.9	2.6	yes	66	B
J72	71.3	71.1	73.4	2.1	yes	66	B
J73	70.9	70.7	72.2	1.3	yes	66	B
J74	69.1	68.9	70.5	1.4	yes	66	B
J75	73.6	73.5	74.6	1	yes	66	B
J76	66.3	66.1	68.8	2.5	yes	66	B
J77	71.2	71	73.3	2.1	yes	66	B
J78	69	68.8	70.4	1.4	yes	66	B
J79	73.6	73.4	74.5	0.9	yes	66	B
J80	66.1	66	68.6	2.5	yes	66	B
J81	71.2	70.9	73.2	2	yes	66	B
J82	68.9	68.7	70.3	1.4	yes	66	B
J83	73.4	73.2	74.4	1	yes	66	B
J84	71.1	70.9	73.2	2.1	yes	66	B
J85	66.1	66	68.6	2.5	yes	66	B
J86	64.6	64.5	67	2.4	yes	66	B
J87	73.4	73.2	74.4	1	yes	66	B
J88	67.1	67	68.8	1.7	yes	66	B
J89	68.9	68.7	70.3	1.4	yes	66	B
J90	64.5	64.4	66.9	2.4	yes	66	B
J91	66	65.9	68.5	2.5	yes	66	B
J92	67.1	66.9	68.7	1.6	yes	66	B
J93	68.8	68.6	70.2	1.4	yes	66	B
J94	64.5	64.4	66.9	2.4	yes	66	B
J95	65.9	65.8	68.4	2.5	yes	66	B
J96	67.1	66.9	68.7	1.6	yes	66	B
J97	68.7	68.5	70.1	1.4	yes	66	B
J98	64.5	64.4	66.9	2.4	yes	66	B
J99	67.9	67.7	70.3	2.4	yes	66	C
J100	65.9	65.7	68.3	2.4	yes	66	B
J101	67.1	66.9	68.7	1.6	yes	66	B
J102	64.5	64.4	66.8	2.3	yes	66	B
J103	68.6	68.4	70	1.4	yes	66	B
J104	66.5	66.4	69	2.5	yes	66	B
J105	67.1	66.9	68.7	1.6	yes	66	B
J106	69.3	69.1	70.7	1.4	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J107	70.4	70.2	71.2	0.8	yes	66	B
J108	64.5	64.4	66.8	2.3	yes	66	B
J109	66.5	66.3	68.9	2.4	yes	66	B
J110	67	66.8	68.6	1.6	yes	66	B
J111	69.3	69	70.6	1.3	yes	66	B
J112	70.3	70.1	71.2	0.9	yes	66	B
J113	64.5	64.3	66.8	2.3	yes	66	B
J114	66.5	66.3	68.9	2.4	yes	66	B
J115	67	66.7	68.6	1.6	yes	66	B
J116	69.2	69	70.6	1.4	yes	66	B
J117	70.3	70	71.1	0.8	yes	66	B
J118	64.4	64.3	66.7	2.3	yes	66	B
J119	66.4	66.2	68.8	2.4	yes	66	B
J120	66.8	66.6	68.4	1.6	yes	66	B
J121	69.2	68.9	70.5	1.3	yes	66	B
J122	70.2	70	71.1	0.9	yes	66	B
J123	66.4	66.2	68.7	2.3	yes	66	B
J124	69.1	68.9	70.4	1.3	yes	66	B
J125	70.1	69.9	71	0.9	yes	66	B
J126	64.3	64.2	66.6	2.3	yes	66	B
J127	66.8	66.6	68.4	1.6	yes	66	B
J128	66.3	66.1	68.6	2.3	yes	66	B
J129	69.1	68.8	70.4	1.3	yes	66	B
J130	70.1	69.9	71	0.9	yes	66	B
J131	64.4	64.2	66.6	2.2	yes	66	B
J132	66.7	66.5	69	2.3	yes	66	B
J133	66.8	66.6	68.4	1.6	yes	66	B
J134	69.5	69.2	70.7	1.2	yes	66	B
J135	70.5	70.3	71.3	0.8	yes	66	B
J136	64.4	64.2	66.5	2.1	yes	66	B
J137	72.1	71.6	73.6	1.5	yes	66	B
J138	66.8	66.6	68.4	1.6	yes	66	B
J139	66.8	66.5	69	2.2	yes	66	B
J140	74.2	73.8	74.8	0.6	yes	66	B
J141	69.5	69.2	70.7	1.2	yes	66	B
J142	70.6	70.3	71.3	0.7	yes	66	B
J143	64.4	64.2	66.6	2.2	yes	66	B
J144	72.1	71.6	73.6	1.5	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J145	66.8	66.6	68.4	1.6	yes	66	B
J146	74.3	73.8	74.9	0.6	yes	66	B
J147	66.8	66.5	69	2.2	yes	66	B
J148	64.4	64.2	66.6	2.2	yes	66	B
J149	72.2	71.7	73.7	1.5	yes	66	B
J150	66.8	66.6	68.4	1.6	yes	66	B
J151	69.5	69.2	70.7	1.2	yes	66	B
J152	70.6	70.3	71.3	0.7	yes	66	B
J153	74.4	73.9	74.9	0.5	yes	66	B
J154	66.8	66.6	69	2.2	yes	66	B
J155	64.4	64.3	66.6	2.2	yes	66	B
J156	72.3	71.7	73.7	1.4	yes	66	B
J157	66.9	66.6	68.4	1.5	yes	66	B
J158	69.5	69.2	70.7	1.2	yes	66	B
J159	70.5	70.2	71.3	0.8	yes	66	B
J160	74.4	73.9	74.9	0.5	yes	66	B
J161	64.4	64.3	66.6	2.2	yes	66	B
J162	66.8	66.5	68.9	2.1	yes	66	B
J163	72.4	71.8	73.7	1.3	yes	66	B
J164	66.9	66.6	68.4	1.5	yes	66	B
J165	69.5	69.1	70.6	1.1	yes	66	B
J166	70.5	70.2	71.2	0.7	yes	66	B
J167	74.4	73.8	74.9	0.5	yes	66	B
J168	64.4	64.3	66.5	2.1	yes	66	B
J169	66.8	66.5	68.9	2.1	yes	66	B
J170	72.4	71.8	73.7	1.3	yes	66	B
J171	66.9	66.6	68.4	1.5	yes	66	B
J172	69.5	69.1	70.6	1.1	yes	66	B
J173	70.5	70.2	71.2	0.7	yes	66	B
J174	74.4	73.8	74.9	0.5	yes	66	B
J175	64.7	64.5	66.8	2.1	yes	66	B
J176	66.9	66.6	69	2.1	yes	66	B
J177	67.1	66.8	68.6	1.5	yes	66	B
J178	69.6	69.2	70.7	1.1	yes	66	B
J179	64.7	64.5	66.7	2	yes	66	B
J180	73	72.3	74.1	1.1	yes	66	B
J181	66.8	66.5	68.9	2.1	yes	66	B
J182	67.2	66.9	68.6	1.4	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J183	74.8	74.2	75.2	0.4	yes	66	B
J184	69.5	69.1	70.6	1.1	yes	66	B
J185	66.8	66.5	68.8	2	yes	66	B
J186	72.7	72	73.8	1.1	yes	66	B
J187	64.5	64.3	66.5	2	yes	66	B
J188	66.9	66.6	68.4	1.5	yes	66	B
J189	69.5	69.1	70.6	1.1	yes	66	B
J190	74.5	73.9	74.9	0.4	yes	66	B
J191	66.9	66.6	68.9	2	yes	66	B
J192	64.5	64.3	66.5	2	yes	66	B
J193	69.6	69.2	70.6	1	yes	66	B
J194	72.4	71.7	73.5	1.1	yes	66	B
J195	66.9	66.6	68.4	1.5	yes	66	B
J196	64.6	64.4	66.6	2	yes	66	B
J197	74.3	73.6	74.6	0.3	yes	66	B
J198	64.7	64.5	66.7	2	yes	66	B
J199	67.1	66.8	68.5	1.4	yes	66	B
J200	64.9	64.6	66.8	1.9	yes	66	B
J201	67.2	66.9	68.6	1.4	yes	66	B
J202	72.1	71.4	73.2	1.1	yes	66	B
J203	67.4	67.1	68.7	1.3	yes	66	B
J204	64.9	64.7	66.9	2	yes	66	B
J205	74	73.4	74.4	0.4	yes	66	B
J206	67.5	67.1	68.8	1.3	yes	66	B
J207	66.9	66.6	68.8	1.9	yes	66	B
J208	64.9	64.7	66.8	1.9	yes	66	B
J209	67.4	67	68.7	1.3	yes	66	B
J210	69.6	69.1	70.5	0.9	yes	66	B
J211	64.9	64.7	66.8	1.9	yes	66	B
J212	67.5	67.1	68.7	1.2	yes	66	B
J213	66.9	66.5	68.7	1.8	yes	66	B
J214	64.9	64.7	66.8	1.9	yes	66	B
J215	67.5	67	68.7	1.2	yes	66	B
J216	69.5	69	70.4	0.9	yes	66	B
J217	65	64.7	66.8	1.8	yes	66	B
J218	67.5	67	68.7	1.2	yes	66	B
J219	66.9	66.5	68.6	1.7	yes	66	B
J220	65	64.7	66.8	1.8	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J221	67.5	67.1	68.7	1.2	yes	66	B
J222	65	64.8	66.8	1.8	yes	66	B
J223	69.5	69	70.4	0.9	yes	66	B
J224	67.5	67.1	68.7	1.2	yes	66	B
J225	66.9	66.4	68.6	1.7	yes	66	B
J226	65	64.7	66.8	1.8	yes	66	B
J227	67.5	67.1	68.7	1.2	yes	66	B
J228	65.1	64.8	66.8	1.7	yes	66	B
J229	69.4	68.9	70.3	0.9	yes	66	B
J230	67.5	67.1	68.7	1.2	yes	66	B
J231	65.2	64.9	66.9	1.7	yes	66	B
J232	67.6	67.2	68.7	1.1	yes	66	B
J233	65.2	64.8	66.8	1.6	yes	66	B
J234	65.2	64.9	66.9	1.7	yes	66	B
J235	67.6	67.1	68.7	1.1	yes	66	B
J236	67.7	67.2	68.7	1	yes	66	B
J237	65.3	64.9	66.9	1.6	yes	66	B
J238	67.8	67.2	68.8	1	yes	66	B
J239	68.5	67.9	69.7	1.2	yes	66	B
J240	70.9	70.2	71.4	0.5	yes	66	B
J241	71.9	71.3	72.1	0.2	yes	66	B
J242	68.5	67.9	69.6	1.1	yes	66	B
J243	70.9	70.2	71.4	0.5	yes	66	B
J244	71.9	71.2	72	0.1	yes	66	B
J245	67.2	66.7	68.6	1.4	yes	66	B
J246	68.4	67.8	69.5	1.1	yes	66	B
J247	69.8	69.1	70.4	0.6	yes	66	B
J248	70.7	70.1	71.1	0.4	yes	66	B
J249	70.8	70.1	71.3	0.5	yes	66	B
J250	71.8	71.1	71.9	0.1	yes	66	B
J251	67.1	66.6	68.5	1.4	yes	66	B
J252	68.1	67.5	69.3	1.2	yes	66	B
J253	69.7	69	70.3	0.6	yes	66	B
J254	70.6	70	70.9	0.3	yes	66	B
J255	70.6	69.9	71.1	0.5	yes	66	B
J256	71.5	70.9	71.7	0.2	yes	66	B
J257	67.1	66.5	68.4	1.3	yes	66	B
J258	69.6	69	70.3	0.7	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J259	70.6	70	70.9	0.3	yes	66	B
J260	68.1	67.4	69.2	1.1	yes	66	B
J261	67	66.5	68.4	1.4	yes	66	B
J262	69.6	68.9	70.2	0.6	yes	66	B
J263	70.5	69.9	70.8	0.3	yes	66	B
J264	70.5	69.8	71	0.5	yes	66	B
J265	71.5	70.8	71.6	0.1	yes	66	B
J266	66.8	66.3	68.1	1.3	yes	66	B
J267	67.9	67.3	69.1	1.2	yes	66	B
J268	69.4	68.7	70	0.6	yes	66	B
J269	70.3	69.6	70.6	0.3	yes	66	B
J270	70.4	69.7	70.9	0.5	yes	66	B
J271	71.3	70.7	71.5	0.2	yes	66	B
J272	66.7	66.2	68	1.3	yes	66	B
J273	67.9	67.3	69	1.1	yes	66	B
J274	70.4	69.7	70.9	0.5	yes	66	B
J275	71.3	70.7	71.5	0.2	yes	66	B
J276	69.3	68.6	69.9	0.6	yes	66	B
J277	70.2	69.5	70.5	0.3	yes	66	B
J278	67.8	67.2	69	1.2	yes	66	B
J279	70.3	69.6	70.8	0.5	yes	66	B
J280	71.3	70.6	71.5	0.2	yes	66	B
J281	66.6	66.1	68	1.4	yes	66	B
J282	67.9	67.2	69	1.1	yes	66	B
J283	69.2	68.6	69.8	0.6	yes	66	B
J284	70.1	69.5	70.5	0.4	yes	66	B
J285	70.3	69.6	70.8	0.5	yes	66	B
J286	71.3	70.6	71.5	0.2	yes	66	B
J287	66.7	66.2	68	1.3	yes	66	B
J288	67.8	67.2	68.9	1.1	yes	66	B
J289	69.3	68.6	69.9	0.6	yes	66	B
J290	70.2	69.6	70.5	0.3	yes	66	B
J291	66.7	66.1	68	1.3	yes	66	B
J292	70.3	69.6	70.8	0.5	yes	66	B
J293	71.2	70.6	71.4	0.2	yes	66	B
J294	69.3	68.6	69.9	0.6	yes	66	B
J295	70.2	69.5	70.5	0.3	yes	66	B
J296	67.7	67.1	68.8	1.1	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J297	70.2	69.5	70.7	0.5	yes	66	B
J298	71.1	70.5	71.3	0.2	yes	66	B
J299	66.6	66.1	67.9	1.3	yes	66	B
J300	69.2	68.5	69.8	0.6	yes	66	B
J301	70.1	69.4	70.4	0.3	yes	66	B
J302	66.5	66	67.8	1.3	yes	66	B
J303	69.2	68.5	69.7	0.5	yes	66	B
J304	70	69.4	70.4	0.4	yes	66	B
J305	47.6	47.3	47	-0.6	no	51	D
K1	62.2	62.2	64	1.8	no	66	B
K2	62.6	62.6	64.3	1.7	no	66	B
K3	63	63	64.6	1.6	no	66	B
K4	63.4	63.4	64.9	1.5	no	66	B
K5	63.7	63.6	65.1	1.4	no	66	B
K6	63.7	63.6	65.1	1.4	no	66	B
K7	64	63.9	65.3	1.3	no	66	B
K8	63.9	63.8	65.3	1.4	no	66	B
K9	63.8	63.7	65.3	1.5	no	66	B
K10	63.5	63.5	65.1	1.6	no	66	B
K11	63.1	63	64.8	1.7	no	66	B
K14	61.5	61.5	63.2	1.7	no	66	B
K15	62.6	62.6	64.1	1.5	no	66	B
K17	63	63	64.8	1.8	no	66	B
K18	62	62	64.1	2.1	no	66	B
K24	66.7	66.6	67.7	1	yes	66	B
K25	69.2	69.1	69.8	0.6	yes	66	B
K26	66.7	66.7	67.8	1.1	yes	66	B
K27	69.3	69.2	69.9	0.6	yes	66	B
K28	65.5	65.4	66.7	1.2	yes	66	B
K29	68	67.9	68.6	0.6	yes	66	B
K30	65.6	65.5	66.7	1.1	yes	66	B
K31	68.1	68	68.6	0.5	yes	66	B
K32	65.1	65	66.3	1.2	yes	66	B
K33	67.5	67.4	68.1	0.6	yes	66	B
K34	65	65	66.2	1.2	yes	66	B
K35	67.4	67.3	68	0.6	yes	66	B
K36	65.9	65.8	66.9	1	yes	66	C
K37	67.8	67.8	68.4	0.6	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K38	65.3	65.3	66.6	1.3	yes	66	B
K39	67.8	67.7	68.4	0.6	yes	66	B
K40	65.3	65.2	66.6	1.3	yes	66	B
K41	67.4	67.3	68	0.6	yes	66	B
K42	64.9	64.8	66.2	1.3	yes	66	B
K43	67.3	67.2	67.9	0.6	yes	66	B
K44	64.8	64.7	66.2	1.4	yes	66	B
K45	67.3	67.2	67.8	0.5	yes	66	B
K46	64.7	64.7	66.1	1.4	yes	66	B
K47	67.2	67.1	67.8	0.6	yes	66	B
K48	64.7	64.6	66.1	1.4	yes	66	B
K49	66.8	66.8	67.4	0.6	yes	66	B
K50	64.3	64.2	65.8	1.5	no	66	B
K51	66.8	66.7	67.4	0.6	yes	66	B
K52	64.2	64.1	65.8	1.6	no	66	B
K53	66.4	66.3	67	0.6	yes	66	B
K54	63.8	63.7	65.4	1.6	no	66	B
K55	66.3	66.3	66.9	0.6	yes	66	B
K56	63.7	63.7	65.4	1.7	no	66	B
K57	66.7	66.7	67.3	0.6	yes	66	B
K58	64.2	64.1	65.7	1.5	no	66	B
K59	66.7	66.6	67.3	0.6	yes	66	B
K60	64.1	64.1	65.7	1.6	no	66	B
K61	66.2	66.1	66.7	0.5	yes	66	B
K62	63.7	63.6	65.3	1.6	no	66	B
K63	66.4	66.3	67	0.6	yes	66	B
K64	63.9	63.9	65.5	1.6	no	66	B
K65	66.1	66	66.6	0.5	yes	66	B
K66	63.6	63.5	65.2	1.6	no	66	B
K67	66.3	66.3	66.9	0.6	yes	66	B
K68	63.9	63.8	65.5	1.6	no	66	B
K69	62.9	62.8	64.4	1.5	no	66	C
K70	64.9	64.9	66.3	1.4	yes	66	B
K71	67.4	67.3	67.9	0.5	yes	66	B
K72	64.6	64.6	66.1	1.5	yes	66	B
K73	67.1	67.1	67.7	0.6	yes	66	B
K74	64.3	64.2	65.8	1.5	no	66	B
K75	66.8	66.7	67.3	0.5	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K76	64.1	64	65.6	1.5	no	66	B
K77	66.6	66.5	67.1	0.5	yes	66	B
K78	64.4	64.4	65.9	1.5	no	66	B
K79	66.9	66.8	67.5	0.6	yes	66	B
K80	64.2	64.1	65.7	1.5	no	66	B
K81	66.7	66.6	67.2	0.5	yes	66	B
K82	63.8	63.7	65.4	1.6	no	66	B
K83	66.4	66.3	66.9	0.5	yes	66	B
K84	63.6	63.5	65.2	1.6	no	66	B
K85	66.1	66	66.6	0.5	yes	66	B
K86	63.6	63.6	65.2	1.6	no	66	B
K87	66.2	66.2	66.7	0.5	yes	66	B
K88	63.5	63.5	65.1	1.6	no	66	B
K89	66.2	66.1	66.7	0.5	yes	66	B
K90	63.5	63.4	65	1.5	no	66	B
K91	66.1	66	66.6	0.5	yes	66	B
K92	63.5	63.4	65	1.5	no	66	B
K93	66.1	66	66.6	0.5	yes	66	B
K94	63.1	63.1	64.8	1.7	no	66	B
K95	65.8	65.7	66.3	0.5	yes	66	B
K96	63.1	63	64.7	1.6	no	66	B
K97	65.7	65.7	66.2	0.5	yes	66	B
K98	63	63	64.6	1.6	no	66	B
K99	65.7	65.6	66.2	0.5	yes	66	B
K100	63	63	64.6	1.6	no	66	B
K101	65.7	65.6	66.2	0.5	yes	66	B
K102	64.5	64.4	65.4	0.9	no	66	B
K103	67.2	67	67.5	0.3	yes	66	B
K104	64.6	64.5	65.5	0.9	no	66	B
K105	67.3	67.1	67.5	0.2	yes	66	B
K106	64.9	64.8	65.6	0.7	no	66	B
K107	67.5	67.4	67.8	0.3	yes	66	B
K108	65	65	65.6	0.6	no	66	B
K109	67.7	67.6	68	0.3	yes	66	B
K110	63.5	63.5	64.8	1.3	no	66	B
K111	66.3	66.2	66.6	0.3	yes	66	B
K112	63.6	63.6	64.8	1.2	no	66	B
K113	66.4	66.3	66.7	0.3	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K114	63.9	63.9	64.9	1	no	66	B
K115	66.6	66.5	66.9	0.3	yes	66	B
K116	64.1	64.1	65	0.9	no	66	B
K117	66.8	66.6	67.1	0.3	yes	66	B
K118	63.2	63.1	64.5	1.3	no	66	B
K119	65.9	65.8	66.3	0.4	yes	66	B
K120	63.3	63.2	64.5	1.2	no	66	B
K121	66.1	65.9	66.4	0.3	yes	66	B
K122	63.6	63.5	64.7	1.1	no	66	B
K123	66.3	66.2	66.6	0.3	yes	66	B
K124	63.8	63.7	64.8	1	no	66	B
K125	66.5	66.4	66.8	0.3	yes	66	B
K126	68.9	68.8	69.5	0.6	yes	66	B
K127	66.6	66.6	67.6	1	yes	66	B
K128	68.9	68.8	69.5	0.6	yes	66	B
K129	69.8	69.7	70.5	0.7	yes	66	B
K130	66.6	66.6	67.6	1	yes	66	B
K131	67.6	67.6	68.5	0.9	yes	66	B
K132	70.3	70.2	71.1	0.8	yes	66	B
K133	68.2	68.1	69.1	0.9	yes	66	B
K134	69.8	69.8	70.6	0.8	yes	66	B
K135	67.8	67.7	68.7	0.9	yes	66	B
K136	68.6	68.5	69.2	0.6	yes	66	B
K137	70.5	70.4	71.3	0.8	yes	66	B
K138	66.1	66	67.2	1.1	yes	66	B
K139	71.4	71.3	72.4	1	yes	66	B
K140	68.5	68.4	69.3	0.8	yes	66	B
K141	68.5	68.4	69.1	0.6	yes	66	B
K142	69.6	69.5	70.5	0.9	yes	66	B
K143	66	66	67.2	1.2	yes	66	B
K144	70.1	70	RELOCATION			66	B
K145	71.3	71.3	72.3	1	yes	66	B
K146	72	71.9	RELOCATION			66	B
K147	69.5	69.5	70.4	0.9	yes	66	B
K148	70	69.9	RELOCATION			66	B
K149	71.9	71.8	RELOCATION			66	B
K150	71.7	71.6	RELOCATION			66	B
K151	70	69.9	RELOCATION			66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K152	73.3	73.3	RELOCATION			66	B
K153	69.4	69.3	70	0.6	yes	66	B
K154	71.9	71.9	RELOCATION			66	B
K155	67	67	68.1	1.1	yes	66	B
K156	70	70	70.7	0.7	yes	66	B
K157	69.3	69.2	69.9	0.6	yes	66	B
K158	71.6	71.5	RELOCATION			66	B
K159	66.9	66.8	67.9	1	yes	66	B
K160	67.8	67.7	68.8	1	yes	66	B
K161	73.3	73.3	RELOCATION			66	B
K162	70	69.9	RELOCATION			66	B
K163	69.9	69.9	70.6	0.7	yes	66	B
K164	71.6	71.5	RELOCATION			66	B
K165	72	71.9	RELOCATION			66	B
K166	67.7	67.6	68.7	1	yes	66	B
K167	73.3	73.3	RELOCATION			66	B
K168	70	69.9	RELOCATION			66	B
K169	72	71.9	RELOCATION			66	B
K170	71.6	71.5	RELOCATION			66	B
K171	73.4	73.3	RELOCATION			66	B
K172	70	69.9	RELOCATION			66	B
K173	71.6	71.5	RELOCATION			66	B
K174	72	71.9	RELOCATION			66	B
K175	73.3	73.2	RELOCATION			66	B
K176	65.9	65.9	67.2	1.3	yes	66	B
K177	68.4	68.4	69	0.6	yes	66	B
K178	65.9	65.8	67.1	1.2	yes	66	B
K179	68.4	68.3	68.9	0.5	yes	66	B
K180	71.6	71.5	RELOCATION			66	B
K181	69.9	69.8	RELOCATION			66	B
K182	73.2	73.2	RELOCATION			66	B
K183	71.8	71.7	RELOCATION			66	B
K184	69.9	69.8	RELOCATION			66	B
K185	71.8	71.7	RELOCATION			66	B
K186	67.4	67.3	68.4	1	yes	66	B
K187	71.1	71	RELOCATION			66	B
K188	72.8	72.7	RELOCATION			66	B
K189	65.5	65.4	66.8	1.3	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K190	69.8	69.8	70.5	0.7	yes	66	B
K191	68	67.9	68.6	0.6	yes	66	B
K192	71.1	71	RELOCATION			66	B
K193	65.4	65.3	66.7	1.3	yes	66	B
K194	67.4	67.3	68.5	1.1	yes	66	B
K195	69.8	69.7	70.5	0.7	yes	66	B
K196	72.9	72.8	RELOCATION			66	B
K197	67.9	67.8	68.5	0.6	yes	66	B
K198	68.3	68.2	69.3	1	yes	66	B
K199	70.6	70.5	71.4	0.8	yes	66	B
K200	68.3	68.2	69.3	1	yes	66	B
K201	70.5	70.4	71.3	0.8	yes	66	B
K202	69.1	69.1	70.1	1	yes	66	B
K203	71.2	71.1	72.1	0.9	yes	66	B
K204	69.2	69.1	70.2	1	yes	66	B
K205	66	66	67.3	1.3	yes	66	B
K206	71.3	71.3	72.3	1	yes	66	B
K207	68.6	68.5	69.2	0.6	yes	66	B
K208	66	65.9	67.2	1.2	yes	66	B
K209	68.5	68.4	69.1	0.6	yes	66	B
K210	70.7	70.6	RELOCATION			66	B
K211	72.5	72.4	RELOCATION			66	B
K212	70.7	70.6	RELOCATION			66	B
K213	66.7	66.7	67.9	1.2	yes	66	B
K214	72.5	72.4	RELOCATION			66	B
K215	69.2	69.1	69.8	0.6	yes	66	B
K216	66.6	66.6	67.8	1.2	yes	66	B
K217	69.1	69.1	69.8	0.7	yes	66	B
K218	67.3	67.1	67.5	0.2	yes	66	B
K219	64.5	64.4	65.1	0.6	no	66	B
K220	65.5	65.4	65.8	0.3	no	66	B
K221	67.8	67.6	68	0.2	yes	66	B
K222	65	65	65.5	0.5	no	66	B
K223	68.8	68.6	69.1	0.3	yes	66	B
K224	66	65.9	66.1	0.1	yes	66	B
K225	68.3	68.2	68.6	0.3	yes	66	B
K226	65.9	65.8	67.2	1.3	yes	66	B
K227	70.3	70.2	RELOCATION			66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K228	68.4	68.4	69	0.6	yes	66	B
K229	67.1	67	RELOCATION			66	B
K230	65.8	65.8	67.1	1.3	yes	66	B
K231	72.2	72.1	RELOCATION			66	B
K232	70	69.8	RELOCATION			66	B
K233	68.3	68.3	68.9	0.6	yes	66	B
K234	67.8	67.7	RELOCATION			66	B
K235	70.7	70.5	RELOCATION			66	B
K236	70	70	RELOCATION			66	B
K237	71.9	71.8	RELOCATION			66	B
K238	69	68.9	69.6	0.6	yes	66	B
K239	68.6	68.5	RELOCATION			66	B
K240	71.7	71.6	RELOCATION			66	B
K241	67.5	67.4	67.8	0.3	yes	66	B
K242	69.9	69.8	RELOCATION			66	B
K243	68	67.8	68.2	0.2	yes	66	B
K244	65.3	65.2	65.6	0.3	no	66	B
K245	64.8	64.7	65.3	0.5	no	66	B
K246	66.4	66.3	67.6	1.2	yes	66	B
K247	71.5	71.3	RELOCATION			66	B
K248	65.8	65.7	66	0.2	yes	66	B
K249	66.3	66.2	66.3	0	yes	66	B
K250	68.5	68.3	68.7	0.2	yes	66	B
K251	68.9	68.8	69.5	0.6	yes	66	B
K252	73.4	73.3	RELOCATION			66	B
K253	69	68.8	69.2	0.2	yes	66	B
K254	71.8	71.8	RELOCATION			66	B
K255	69.6	69.4	RELOCATION			66	B
K256	66.3	66.3	67.5	1.2	yes	66	B
K257	68.2	68.1	69.2	1	yes	66	C
K258	69.9	69.8	70.5	0.6	yes	66	B
K259	67.1	67	RELOCATION			66	B
K260	72.5	72.3	RELOCATION			66	B
K261	70	69.8	RELOCATION			66	B
K262	67.9	67.8	RELOCATION			66	B
K263	69.8	69.7	RELOCATION			66	B
K264	67.7	67.7	68.8	1.1	yes	66	B
K265	71.6	71.5	RELOCATION			66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K266	71.7	71.7	RELOCATION			66	B
K267	71	70.8	RELOCATION			66	B
K268	69.8	69.7	70.5	0.7	yes	66	B
K269	73.3	73.2	RELOCATION			66	B
K270	69.7	69.7	RELOCATION			66	B
K271	71.5	71.4	RELOCATION			66	B
K272	68.9	68.8	RELOCATION			66	B
K273	71.7	71.6	RELOCATION			66	B
K274	71.9	71.7	RELOCATION			66	B
K275	73.3	73.2	RELOCATION			66	B
K276	67.7	67.6	68.7	1	yes	66	B
K277	69.9	69.7	RELOCATION			66	B
K278	70.9	70.8	71.7	0.8	yes	66	B
K279	71.4	71.3	RELOCATION			66	B
K280	72.9	72.7	RELOCATION			66	B
K281	69.7	69.6	RELOCATION			66	B
K282	71.7	71.6	RELOCATION			66	B
K283	73.1	73.1	RELOCATION			66	B
K284	69	68.9	70	1	yes	66	B
K285	70.7	70.6	71.4	0.7	yes	66	B
K286	71.3	71.2	RELOCATION			66	B
K287	73.1	73	RELOCATION			66	B
K288	68.7	68.6	69.7	1	yes	66	B
K289	66	65.9	RELOCATION			66	B
K290	67.1	67	67.6	0.5	yes	66	B
K291	64.6	64.6	66.1	1.5	yes	66	B
K292	68.9	68.7	RELOCATION			66	B
K293	66.5	66.4	RELOCATION			66	B
K294	67.4	67.3	67.9	0.5	yes	66	B
K295	64.9	64.9	66.3	1.4	yes	66	B
K296	69.3	69.2	RELOCATION			66	B
K297	67.7	67.6	68.2	0.5	yes	66	B
K298	71.3	71.2	RELOCATION			66	B
K299	67	66.9	RELOCATION			66	B
K300	69.9	69.8	RELOCATION			66	B
K301	73	72.9	RELOCATION			66	B
K302	65.3	65.2	66.6	1.3	yes	66	B
K303	67.7	67.6	RELOCATION			66	B

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RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K304	68	67.9	68.5	0.5	yes	66	B
K305	65.6	65.6	66.9	1.3	yes	66	B
K306	70.8	70.6	RELOCATION			66	B
K307	69.6	69.6	RELOCATION			66	B
K308	71.6	71.5	RELOCATION			66	B
K309	66.2	66.1	RELOCATION			66	B
K310	68.9	68.9	69.5	0.6	yes	66	B
K311	67.5	67.4	68	0.5	yes	66	B
K312	69.5	69.4	RELOCATION			66	B
K313	69	68.8	RELOCATION			66	B
K314	68.2	68.1	68.4	0.2	yes	66	B
K315	65	65	66.4	1.4	yes	66	B
K316	67.9	67.8	68.2	0.3	yes	66	B
K317	66.7	66.6	RELOCATION			66	B
K318	65.5	65.4	66	0.5	yes	66	B
K319	71.5	71.4	RELOCATION			66	B
K320	65.2	65.1	65.8	0.6	no	66	B
K321	67.8	67.7	68.3	0.5	yes	66	B
K322	67.7	67.5	67.9	0.2	yes	66	B
K323	65	64.9	65.8	0.8	no	66	B
K324	66.7	66.6	67.8	1.1	yes	66	B
K325	69.6	69.4	69.8	0.2	yes	66	B
K326	67.5	67.4	67.8	0.3	yes	66	B
K327	65.3	65.3	66.6	1.3	yes	66	B
K328	68.1	68	68.6	0.5	yes	66	B
K329	67.3	67.2	RELOCATION			66	B
K330	64.8	64.7	65.7	0.9	no	66	B
K331	65.7	65.6	67	1.3	yes	66	B
K332	69.5	69.4	70.1	0.6	yes	66	B
K333	70.2	70	RELOCATION			66	B
K334	68.5	68.4	69	0.5	yes	66	B
K335	68	67.8	RELOCATION			66	B
K336	71	70.8	RELOCATION			66	B
K337	67.3	67.2	68.3	1	yes	66	B
K338	66.1	66.1	67.3	1.2	yes	66	B
K339	70.9	70.8	RELOCATION			66	B
K340	72.5	72.4	RELOCATION			66	B
K341	70.6	70.6	RELOCATION			66	B

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RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K342	70.1	70	70.8	0.7	yes	66	B
K343	72.4	72.3	RELOCATION			66	B
K344	68	67.9	69	1	yes	66	B
K345	69.3	69.3	69.9	0.6	yes	66	B
K346	67.6	67.4	68	0.4	yes	66	B
K347	67.1	67	68.2	1.1	yes	66	B
K348	70.6	70.6	71.4	0.8	yes	66	B
K349	64.9	64.8	66.1	1.2	yes	66	B
K350	67.7	67.5	68.1	0.4	yes	66	B
K351	69.8	69.7	70.5	0.7	yes	66	B
K352	68.8	68.7	69.8	1	yes	66	B
K353	65	65	66.3	1.3	yes	66	B
K354	67.8	67.7	68.3	0.5	yes	66	B
K355	65.2	65.2	66.5	1.3	yes	66	B
K356	67.7	67.7	68.8	1.1	yes	66	B
K357	68	67.9	68.5	0.5	yes	66	B
K358	65.5	65.4	66.7	1.2	yes	66	B
K359	70.4	70.3	71.1	0.7	yes	66	B
K360	68.3	68.3	69.3	1	yes	66	B
K361	67.9	67.8	68.3	0.4	yes	66	B
K362	70.9	70.9	71.8	0.9	yes	66	B
K363	65.3	65.2	66.4	1.1	yes	66	B
K364	68	67.9	68.5	0.5	yes	66	B
K365	69.1	68.9	69.4	0.3	yes	66	B
K366	66.3	66.2	66.7	0.4	yes	66	B
K367	65.4	65.3	66.6	1.2	yes	66	B
K368	69.2	69.1	70.1	0.9	yes	66	B
K369	68.8	68.6	69.1	0.3	yes	66	B
K370	66	65.9	66.6	0.6	yes	66	B
K371	68.2	68	68.7	0.5	yes	66	B
K372	68.6	68.4	69	0.4	yes	66	B
K373	68.8	68.7	69.3	0.5	yes	66	B
K374	65.9	65.8	66.5	0.6	yes	66	B
K375	68.4	68.2	68.8	0.4	yes	66	B
K376	65.6	65.6	66.5	0.9	yes	66	B
K377	65.6	65.5	66.8	1.2	yes	66	B
K378	66.4	66.3	67.5	1.1	yes	66	B
K379	68.4	68.3	68.9	0.5	yes	66	B

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RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K380	69.2	69.1	69.8	0.6	yes	66	B
K381	65.9	65.8	67	1.1	yes	66	B
K382	66.8	66.8	67.9	1.1	yes	66	B
K383	69.6	69.5	70.2	0.6	yes	66	B
K384	67.2	67.1	68.3	1.1	yes	66	B
K385	69.9	69.8	70.6	0.7	yes	66	B
K386	69.6	69.4	70.2	0.6	yes	66	B
K387	67.7	67.6	68.7	1	yes	66	B
K388	66.9	66.7	67.4	0.5	yes	66	B
K389	69.3	69.1	69.9	0.6	yes	66	B
K390	66.6	66.5	67.2	0.6	yes	66	B
K391	69	68.8	69.6	0.6	yes	66	B
K392	69.3	69.1	69.9	0.6	yes	66	B
K393	66.4	66.3	67.1	0.7	yes	66	B
K394	68.8	68.7	69.4	0.6	yes	66	B
K395	66.9	66.8	67.9	1	yes	66	B
K396	66.2	66.1	67	0.8	yes	66	B
K397	69.6	69.5	70.2	0.6	yes	66	B
K398	67.2	67.1	68.2	1	yes	66	B
K399	70	69.9	70.7	0.7	yes	66	B
K400	67.7	67.7	68.8	1.1	yes	66	B
K401	70.4	70.3	71.3	0.9	yes	66	B
K402	68.3	68.2	69.3	1	yes	66	B
L1	60.9	60.9	62.5	1.6	no	66	B
L2	64	64	65	1	no	66	B
L3	61.1	61.2	62.7	1.6	no	66	B
L4	64.3	64.3	65.3	1	no	66	B
L5	61.6	61.6	63.1	1.5	no	66	B
L6	64.7	64.7	65.7	1	no	66	B
L7	61.8	61.8	63.2	1.4	no	66	B
L8	64.9	64.9	66	1.1	yes	66	B
L9	60.8	60.8	62.4	1.6	no	66	B
L10	63.9	63.9	64.8	0.9	no	66	B
L11	61	61	62.5	1.5	no	66	B
L12	64.1	64.2	65.1	1	no	66	B
L13	61.4	61.4	62.8	1.4	no	66	B
L14	64.5	64.5	65.5	1	no	66	B
L15	61.7	61.8	63.1	1.4	no	66	B

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RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
L16	64.8	64.8	65.8	1	no	66	B
L17	60.8	60.8	62.3	1.5	no	66	B
L18	63.9	63.9	64.7	0.8	no	66	B
L19	61	61.1	62.4	1.4	no	66	B
L20	64.2	64.2	65	0.8	no	66	B
L21	61.4	61.4	62.7	1.3	no	66	B
L22	64.5	64.5	65.4	0.9	no	66	B
L23	61.7	61.7	63	1.3	no	66	B
L24	64.9	64.9	65.7	0.8	no	66	B
L25	62.3	62.4	63.5	1.2	no	66	B
L26	65.3	65.3	66.2	0.9	yes	66	B
L27	62.5	62.6	63.6	1.1	no	66	B
L28	65.5	65.5	66.4	0.9	yes	66	B
L29	60.7	60.7	62.2	1.5	no	66	B
L30	63.8	63.8	64.6	0.8	no	66	B
L31	60.9	61	62.4	1.5	no	66	B
L32	64.1	64.1	64.9	0.8	no	66	B
L33	61.2	61.3	62.6	1.4	no	66	B
L34	64.4	64.4	65.2	0.8	no	66	B
L35	61.5	61.6	62.8	1.3	no	66	B
L36	64.6	64.6	65.4	0.8	no	66	B
L37	62	62.1	63.2	1.2	no	66	B
L38	65.1	65.1	65.9	0.8	no	66	B
L39	62.4	62.4	63.4	1	no	66	B
L40	65.4	65.4	66.3	0.9	yes	66	B
L41	61.9	61.9	63	1.1	no	66	B
L42	64.8	64.8	65.6	0.8	no	66	B
L43	61.9	62	63	1.1	no	66	B
L44	64.8	64.8	65.6	0.8	no	66	B
L45	61.9	62	63	1.1	no	66	B
L46	64.9	64.9	65.6	0.7	no	66	B
L47	62.4	62.5	63.4	1	no	66	B
L48	65.3	65.3	66.1	0.8	yes	66	B
L49	62.5	62.5	63.4	0.9	no	66	B
L50	65.3	65.3	66.1	0.8	yes	66	B
L51	67.8	67.9	69	1.2	no	71	E
L52	64.4	64.4	65.7	1.3	no	66	B
L53	66.7	66.8	68.2	1.5	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
L54	65.2	65.2	66.6	1.4	yes	66	B
L55	67.4	67.3	68.8	1.4	yes	66	B
L56	62.8	62.8	64.2	1.4	no	66	B
L57	62.2	62.2	63.7	1.5	no	66	B
L58	61.5	61.5	63.1	1.6	no	66	B
L59	60.8	60.8	62.4	1.6	no	66	B
L60	68	67.8	67.5	-0.5	yes	66	B
L61	60.8	60.7	62.1	1.3	no	66	B
L62	63.2	63.1	64.7	1.5	no	66	B
L63	60.7	60.6	61.8	1.1	no	66	B
L64	61.4	61.3	63.1	1.7	no	66	B
L65	60.5	60.5	62.4	1.9	no	66	B
L66	59.9	59.9	61.9	2	no	66	B
L67	61.3	61.1	61.7	0.4	no	66	B
L68	59.2	59.1	61.2	2	no	66	B
L69	59	58.9	60.8	1.8	no	66	B
L70	68.8	68.5	68	-0.8	yes	66	B
L71	58.6	58.5	60.3	1.7	no	66	B
L72	61.1	60.9	61.3	0.2	no	66	B
L73	58	57.9	59.7	1.7	no	66	B
L74	60.3	60.1	60.4	0.1	no	66	B
M1	60.5	60.2	60.6	0.1	no	66	B
M2	60.9	60.6	60.9	0	no	66	B
M3	61.6	61.3	61.3	-0.3	no	66	B
M4	61.9	61.6	61.7	-0.2	no	66	B
M5	62.1	61.8	61.7	-0.4	no	66	B
M6	62.3	62.1	61.9	-0.4	no	66	B
M7	62.1	61.8	61.8	-0.3	no	66	B
M8	62.3	62.1	62	-0.3	no	66	B
M9	65.8	65.8	66.4	0.6	yes	66	B
M10	64	64	64.4	0.4	no	66	B
M11	60.7	60.4	61.2	0.5	no	66	B
M12	62.9	62.8	63.2	0.3	no	66	B
M13	63.7	63.5	63.1	-0.6	no	66	B
M14	59.4	59.2	60.5	1.1	no	66	B
M15	65.9	65.9	66.5	0.6	yes	66	B
M16	62.1	62	62.6	0.5	no	66	B
M17	63.9	63.8	63.5	-0.4	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
M18	59	58.9	60.6	1.6	no	66	B
M19	61.9	61.7	62.3	0.4	no	66	B
M20	63.9	63.9	64.5	0.6	no	66	B
M21	62.4	62.4	63	0.6	no	66	B
M22	60.6	60.4	61.6	1	no	66	B
M23	63	63	63.7	0.7	no	66	B
M24	59.5	59.4	61	1.5	no	66	B
N1	69.8	69.9	72.3	2.5	yes	66	B
N2	64.7	64.8	66.6	1.9	yes	66	B
N3	63.5	63.5	65.5	2	no	66	B
N4	72.3	72.4	74.6	2.3	yes	66	B
N5	70.7	70.8	73.3	2.6	yes	66	B
N6	67.2	67.3	70.4	3.2	yes	66	B
N7	69.6	69.5	71.5	1.9	yes	71	E
O1	68	68	70.4	2.4	yes	66	B
O2	67.3	67.4	69.8	2.5	yes	66	B
O3	66.7	66.7	69.2	2.5	yes	66	B
O4	69.3	69.4	71.6	2.3	yes	66	B
O5	66.1	66.2	68.6	2.5	yes	66	B
O6	68.9	69	71.3	2.4	yes	66	B
O7	65	65.1	67.5	2.5	yes	66	B
O8	64.7	64.8	67.2	2.5	yes	66	B
O9	63.5	63.6	66.2	2.7	yes	66	B
O10	66.1	66.2	69	2.9	yes	66	B
O11	69	69	70.5	1.5	yes	66	B
O12	66.7	66.8	69.6	2.9	yes	66	B
O13	65.5	65.6	68.4	2.9	yes	66	B
O14	68.5	68.6	70.1	1.6	yes	66	B
O15	69.5	69.6	71	1.5	yes	66	B
O16	65.2	65.2	68	2.8	yes	66	B
O17	68.1	68.1	69.7	1.6	yes	66	B
O18	65.8	65.8	68.7	2.9	yes	66	B
O19	64.7	64.8	67.6	2.9	yes	66	B
O20	67.7	67.7	69.3	1.6	yes	66	B
O21	64.4	64.5	67.3	2.9	yes	66	B
O22	68.5	68.5	70.1	1.6	yes	66	B
O23	65.3	65.4	68.3	3	yes	66	B
O24	68.6	68.7	70.2	1.6	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
O25	65.6	65.7	68.6	3	yes	66	B
O26	68.9	69	70.5	1.6	yes	66	B
O27	70.8	70.9	72.3	1.5	yes	66	B
O28	67.3	67.4	69	1.7	yes	66	B
O29	66	66	69	3	yes	66	B
O30	69.3	69.4	70.9	1.6	yes	66	B
O31	64	64.1	66.9	2.9	yes	66	B
O32	67.3	67.4	70.3	3	yes	66	B
O33	66.9	66.9	68.6	1.7	yes	66	B
O34	70.1	70.1	71.6	1.5	yes	66	B
O35	66.5	66.6	69.6	3.1	yes	66	B
O36	69.4	69.5	71	1.6	yes	66	B
O37	66	66.1	69	3	yes	66	B
O38	69	69	70.6	1.6	yes	66	B
O39	66	66.1	69.1	3.1	yes	66	B
O40	69.4	69.5	71	1.6	yes	66	B
O41	66.4	66.4	69.4	3	yes	66	B
O42	69.9	70	71.5	1.6	yes	66	B
O43	66.9	66.9	69.9	3	yes	66	B
O44	63.6	63.6	66.8	3.2	yes	66	B
O45	63.7	63.8	66.9	3.2	yes	66	B
O46	63.9	63.9	67.1	3.2	yes	66	B
O47	64	64.1	67.2	3.2	yes	66	B
O48	64.1	64.2	67.3	3.2	yes	66	B
O49	64.2	64.3	67.5	3.3	yes	66	B
O50	64.3	64.4	67.6	3.3	yes	66	B
P1	61.7	62	64.3	2.6	no	66	B
P2	61.5	61.8	64.1	2.6	no	66	B
P3	61.4	61.7	64	2.6	no	66	B
P4	61.2	61.5	63.8	2.6	no	66	B
P5	61.1	61.4	63.7	2.6	no	66	B
P6	61	61.3	63.5	2.5	no	66	B
P7	60.9	61.2	63.4	2.5	no	66	B
P8	60.6	60.9	63.1	2.5	no	66	B
P9	61.3	61.6	63.8	2.5	no	66	B
P10	61.2	61.5	63.7	2.5	no	66	B
P11	61.1	61.4	63.6	2.5	no	66	B
P12	61	61.3	63.5	2.5	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
P13	61	61.3	63.5	2.5	no	66	B
P14	60.9	61.2	63.4	2.5	no	66	B
P15	60.8	61.1	63.3	2.5	no	66	B
P16	60.8	61.1	63.2	2.4	no	66	B
P17	60.7	61	63.2	2.5	no	66	B
P18	60.6	60.9	63.1	2.5	no	66	B
P19	60.7	61	63.1	2.4	no	66	B
P20	60.6	60.9	63.1	2.5	no	66	B
P21	60.5	60.8	63	2.5	no	66	B
P22	60.5	60.8	62.9	2.4	no	66	B
P23	60.4	60.7	62.8	2.4	no	66	B
P24	60.4	60.7	62.8	2.4	no	66	B
P25	60.2	60.5	62.6	2.4	no	66	B
P26	60.2	60.4	62.6	2.4	no	66	B
P27	60.6	60.8	63.1	2.5	no	66	B
P28	60.4	60.6	62.8	2.4	no	66	B
P29	60	60.2	62.3	2.3	no	66	B
P30	60	60.1	62.2	2.2	no	66	B
P31	59.9	60	61.9	2	no	66	B
P32	59.8	59.8	61.7	1.9	no	66	B
P33	59.9	59.9	61.6	1.7	no	66	B
P34	60	60	61.6	1.6	no	66	B
P35	60.3	60.3	61.8	1.5	no	66	B
P36	65.7	65.8	67.4	1.7	no	71	E
P37	58.1	58.5	60.2	2.1	no	71	E
P38	63.8	64.2	66.6	2.8	no	71	E
Q1	67.4	67.2	68.1	0.7	yes	66	C
Q2	64.8	64.7	65.5	0.7	no	66	B
Q3	66.8	66.6	68.3	1.5	yes	66	B
Q4	65	64.9	65.7	0.7	no	66	B
Q5	66.9	66.8	68.5	1.6	yes	66	B
Q6	64.1	64	65	0.9	no	66	B
Q7	66.2	66	67.6	1.4	yes	66	B
Q8	63.7	63.6	64.7	1	no	66	B
Q9	65.9	65.7	67.2	1.3	yes	66	B
Q10	64.2	64.1	65	0.8	no	66	B
Q11	66.3	66.1	67.8	1.5	yes	66	B
Q12	63.9	63.8	64.8	0.9	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q13	66	65.9	67.5	1.5	yes	66	B
Q14	64.2	64.1	65	0.8	no	66	B
Q15	66.2	66.1	67.7	1.5	yes	66	B
Q16	63.9	63.8	64.8	0.9	no	66	B
Q17	65.9	65.8	67.3	1.4	yes	66	B
Q18	64.5	64.4	65.2	0.7	no	66	B
Q19	66.4	66.3	68	1.6	yes	66	B
Q20	64.1	64	64.9	0.8	no	66	B
Q21	66.1	65.9	67.6	1.5	yes	66	B
Q22	64.1	64	65	0.9	no	66	B
Q23	66.3	66.1	68	1.7	yes	66	B
Q24	64	63.9	64.9	0.9	no	66	B
Q25	66.1	65.9	67.7	1.6	yes	66	B
Q26	63.8	63.7	64.7	0.9	no	66	B
Q27	66	65.9	67.6	1.6	yes	66	B
Q28	63.8	63.7	64.7	0.9	no	66	B
Q29	65.9	65.8	67.4	1.5	yes	66	B
Q36	63.5	63.4	64.4	0.9	no	66	B
Q42	63.1	63	64.2	1.1	no	66	B
Q43	65.5	65.4	67	1.5	yes	66	B
Q44	63.3	63.2	64.4	1.1	no	66	B
Q45	65.7	65.5	67.2	1.5	yes	66	B
Q46	63.9	63.8	64.9	1	no	66	B
Q47	63.8	63.7	65	1.2	no	66	B
Q48	64.1	64.2	65.5	1.4	no	66	B
Q49	63.8	63.8	65.2	1.4	no	66	B
Q50	63.9	64	64.8	0.9	no	66	B
Q51	66.4	66.4	67.6	1.2	yes	66	B
Q52	63.7	63.8	64.7	1	no	66	B
Q53	66.1	66.2	67.4	1.3	yes	66	B
Q54	63.4	63.4	64.5	1.1	no	66	B
Q55	65.8	65.9	67.1	1.3	yes	66	B
Q56	63.1	63.2	64.3	1.2	no	66	B
Q57	65.5	65.6	66.8	1.3	yes	66	B
Q58	61.9	62	63.1	1.2	no	66	B
Q59	64.9	64.9	65.6	0.7	no	66	B
Q60	62.5	62.5	63.5	1	no	66	B
Q61	65.3	65.3	66.1	0.8	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q62	62.5	62.6	63.5	1	no	66	B
Q63	65.4	65.4	66.1	0.7	yes	66	B
Q64	70.8	70.8	72.9	2.1	yes	66	B
Q65	73.2	73.2	74.6	1.4	yes	66	B
Q66	70.9	70.9	73.3	2.4	yes	66	B
Q67	73.3	73.3	74.9	1.6	yes	66	B
Q68	66.5	66.5	67.3	0.8	yes	66	B
Q69	70.9	71	73.5	2.6	yes	66	B
Q70	69.1	69.1	70.3	1.2	yes	66	B
Q71	73.4	73.4	75.1	1.7	yes	66	B
Q72	71.1	71.2	73.9	2.8	yes	66	B
Q73	66.5	66.6	67.5	1	yes	66	B
Q74	73.6	73.6	75.4	1.8	yes	66	B
Q75	69.2	69.2	70.5	1.3	yes	66	B
Q76	66.7	66.7	67.7	1	yes	66	B
Q77	69.3	69.3	70.7	1.4	yes	66	B
Q78	69.9	69.9	71.4	1.5	yes	66	B
Q79	70.8	70.9	72.5	1.7	yes	66	B
Q80	67.7	67.7	69.3	1.6	yes	66	B
Q81	66.7	66.7	67.8	1.1	yes	66	B
Q82	68.7	68.7	70.7	2	yes	66	B
Q83	71.7	71.7	73.4	1.7	yes	66	B
Q84	71.1	71.2	74	2.9	yes	66	B
Q85	73.1	73.1	74.9	1.8	yes	66	B
Q86	69.8	69.9	72.3	2.5	yes	66	B
Q87	69.3	69.3	70.8	1.5	yes	66	B
Q88	68.7	68.8	70.8	2.1	yes	66	B
Q89	71.3	71.4	73.1	1.8	yes	66	B
Q90	68.8	68.9	71	2.2	yes	66	B
Q91	71.4	71.5	73.3	1.9	yes	66	B
Q92	69	69	71.1	2.1	yes	66	B
Q93	71.6	71.7	73.4	1.8	yes	66	B
Q94	69.1	69.2	71.4	2.3	yes	66	B
Q95	71.7	71.7	73.5	1.8	yes	66	B
Q96	66.1	66.1	67.2	1.1	yes	66	B
Q97	68.7	68.7	70.2	1.5	yes	66	B
Q98	66.1	66.2	67.4	1.3	yes	66	B
Q99	68.7	68.8	70.3	1.6	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q100	69.4	69.4	71.1	1.7	yes	66	B
Q101	67.3	67.3	68.9	1.6	yes	66	B
Q102	68	68.1	69.9	1.9	yes	66	B
Q103	70.3	70.4	72.1	1.8	yes	66	B
Q104	69	69	71.3	2.3	yes	66	B
Q105	71	71	72.8	1.8	yes	66	B
Q106	72	72.1	73.9	1.9	yes	66	B
Q107	66.1	66.2	67.4	1.3	yes	66	B
Q108	70.4	70.5	73.1	2.7	yes	66	B
Q109	68.7	68.8	70.3	1.6	yes	66	B
Q110	66.2	66.2	67.5	1.3	yes	66	B
Q111	68.8	68.9	70.4	1.6	yes	66	B
Q112	66.1	66.2	67.4	1.3	yes	66	B
Q113	67.6	67.6	69.3	1.7	yes	66	B
Q114	72.7	72.7	76.2	3.5	yes	66	B
Q115	66.4	66.4	67.6	1.2	yes	66	B
Q116	65.1	65.1	66.3	1.2	yes	66	B
Q117	67.8	67.7	69.2	1.4	yes	66	B
Q118	68.7	68.6	70.1	1.4	yes	66	B
Q119	65.4	65.3	66.3	0.9	yes	66	B
Q120	73.8	73.6	RELOCATION			66	B
Q121	68.8	68.7	70	1.2	yes	66	B
Q122	66.9	66.8	67.7	0.8	yes	66	B
Q123	73.9	73.8	RELOCATION			66	B
Q124	65.4	65.3	66.1	0.7	yes	66	B
Q125	68.7	68.6	69.8	1.1	yes	66	B
Q126	67.2	67.1	67.9	0.7	yes	66	B
Q127	66.4	66.2	67	0.6	yes	66	B
Q128	68.9	68.7	70.6	1.7	yes	66	B
Q129	67.6	67.5	68.4	0.8	yes	66	B
Q130	69.9	69.7	71.8	1.9	yes	66	B
Q131	68.7	68.5	69.8	1.1	yes	66	B
Q132	70.9	70.7	73.1	2.2	yes	66	B
Q133	70	69.9	72.1	2.1	yes	66	B
Q134	66	65.8	66.6	0.6	yes	66	B
Q135	72.2	72	74.5	2.3	yes	66	B
Q136	68.5	68.4	70.2	1.7	yes	66	B
Q137	67.1	67	67.8	0.7	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q138	69.4	69.3	71.3	1.9	yes	66	B
Q139	68.3	68.2	69.4	1.1	yes	66	B
Q140	70.5	70.4	72.7	2.2	yes	66	B
Q141	69.7	69.5	71.5	1.8	yes	66	B
Q142	71.9	71.8	74.3	2.4	yes	66	B
Q143	69.9	69.8	72	2.1	yes	66	B
Q144	71.3	71.2	74.1	2.8	yes	66	B
Q145	71.5	71.4	73.9	2.4	yes	66	B
Q146	65.5	65.4	66.1	0.6	yes	66	B
Q147	73	72.9	75.6	2.6	yes	66	B
Q148	67.6	67.4	69.2	1.6	yes	66	B
Q149	69.8	69.6	71.7	1.9	yes	66	B
Q150	71.4	71.2	74.3	2.9	yes	66	B
Q151	65.6	65.5	66.2	0.6	yes	66	B
Q152	71.5	71.3	73.9	2.4	yes	66	B
Q153	67.8	67.6	69.4	1.6	yes	66	B
Q154	73	72.9	75.7	2.7	yes	66	B
Q155	67.4	67.3	68.1	0.7	yes	66	B
Q156	69.9	69.7	71.9	2	yes	66	B
Q157	71.3	71.1	74.1	2.8	yes	66	B
Q158	66.5	66.4	67.1	0.6	yes	66	B
Q159	69.3	69.1	71.2	1.9	yes	66	B
Q160	72.9	72.8	75.6	2.7	yes	66	B
Q161	71.5	71.4	73.9	2.4	yes	66	B
Q162	68.5	68.3	70.2	1.7	yes	66	B
Q163	67.7	67.6	68.5	0.8	yes	66	B
Q164	69.8	69.6	71.7	1.9	yes	66	B
Q165	71.4	71.2	74.3	2.9	yes	66	B
Q166	69.5	69.3	71.4	1.9	yes	66	B
Q167	66.7	66.6	67.3	0.6	yes	66	B
Q168	71.5	71.4	73.9	2.4	yes	66	B
Q169	68.6	68.5	70.4	1.8	yes	66	B
Q170	73	72.8	75.7	2.7	yes	66	B
Q171	67.8	67.6	68.6	0.8	yes	66	B
Q172	66.9	66.8	67.5	0.6	yes	66	B
Q173	69.7	69.5	71.7	2	yes	66	B
Q174	68.8	68.6	70.6	1.8	yes	66	B
Q175	68	67.9	69	1	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q176	67	66.9	67.6	0.6	yes	66	B
Q177	69.8	69.6	71.8	2	yes	66	B
Q178	68.9	68.8	70.8	1.9	yes	66	B
Q179	68.7	68.6	70.2	1.5	yes	66	B
Q180	70.9	70.7	73.3	2.4	yes	66	B
Q181	70.2	70	72.7	2.5	yes	66	B
Q182	71.2	71	74.4	3.2	yes	66	B
Q183	72.4	72.3	75.1	2.7	yes	66	B
Q184	69.5	69.3	71.5	2	yes	66	B
Q185	70.1	70	72.4	2.3	yes	66	B
Q186	71.6	71.4	74.1	2.5	yes	66	B
Q187	69.4	69.3	71.6	2.2	yes	66	B
Q188	70.9	70.8	73.4	2.5	yes	66	B
Q189	71.6	71.5	74.2	2.6	yes	66	B
Q190	70.1	70	72.4	2.3	yes	66	B
Q191	71.2	71.1	74.8	3.6	yes	66	B
Q192	72.5	72.3	75.2	2.7	yes	66	B
Q193	70.2	70	72.9	2.7	yes	66	B
Q194	68.6	68.5	70.2	1.6	yes	66	B
R1	65.8	65.7	66.8	1	yes	66	B
R2	64.8	64.7	65.9	1.1	no	66	B
R3	67.6	67.4	69.1	1.5	yes	66	B
R4	72.1	71.9	73.5	1.4	yes	66	B
R5	65.8	65.7	66.7	0.9	yes	66	B
R6	68.1	67.9	69.6	1.5	yes	66	B
R7	72	71.9	73.7	1.7	yes	66	B
R8	65	64.9	65.9	0.9	no	66	B
R9	68	67.9	69.4	1.4	yes	66	B
R10	72.2	72.1	73.9	1.7	yes	66	B
R11	64.9	64.8	65.8	0.9	no	66	B
R12	68.3	68.1	69.6	1.3	yes	66	B
R13	72.5	72.4	74.2	1.7	yes	66	B
R14	68.2	68.1	69.4	1.2	yes	66	B
R15	65	64.9	65.9	0.9	no	66	B
R16	72.3	72.1	73.9	1.6	yes	66	B
R17	68.5	68.3	69.6	1.1	yes	66	B
R18	65	65	65.9	0.9	no	66	B
R19	72.6	72.4	74.3	1.7	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
R20	68.5	68.3	69.5	1	yes	66	B
R21	65.1	65	65.9	0.8	no	66	B
R22	72.4	72.2	74.1	1.7	yes	66	B
R23	68.5	68.4	69.6	1.1	yes	66	B
R24	65.3	65.2	66.1	0.8	yes	66	B
R25	72.6	72.5	74.3	1.7	yes	66	B
R26	68.5	68.4	69.6	1.1	yes	66	B
R27	65.5	65.4	66.3	0.8	yes	66	B
R28	73.1	72.9	74.7	1.6	yes	66	B
R29	68.6	68.5	69.7	1.1	yes	66	B
R30	65.6	65.6	66.5	0.9	yes	66	B
R31	72.8	72.7	74.3	1.5	yes	66	B
R32	68.4	68.3	69.5	1.1	yes	66	B
R33	66.4	66.3	67.3	0.9	yes	66	B
R34	73.1	73	74.8	1.7	yes	66	B
R35	68.1	68	69.2	1.1	yes	66	B
R36	65.2	65.2	66.1	0.9	yes	66	B
R37	72.7	72.7	74.3	1.6	yes	66	B
R38	72.5	72.5	74	1.5	yes	66	B
R39	67.1	67.1	68.2	1.1	yes	66	B
R40	71.7	71.7	73.2	1.5	yes	66	B
R41	66.1	66.1	67	0.9	yes	66	B
R42	65.4	65.4	66.3	0.9	yes	66	B
R43	71.2	71.3	72.7	1.5	yes	66	B
R44	69.5	69.6	70.7	1.2	yes	66	B
R45	67.4	67.5	68.5	1.1	yes	66	B
R46	65.6	65.6	66.6	1	yes	66	B
R47	71.4	71.4	72.6	1.2	yes	66	B
R48	68.3	68.3	69.5	1.2	yes	66	B
R49	72.4	72.5	73.6	1.2	yes	66	B
R50	72.7	72.8	74	1.3	yes	66	B
R51	68.4	68.5	69.7	1.3	yes	66	B
R52	65.3	65.4	66.4	1.1	yes	66	B
R53	73.1	73.2	74.5	1.4	yes	66	B
R54	68.2	68.3	69.6	1.4	yes	66	B
R55	64.2	64.3	65.4	1.2	no	66	B
R56	72.7	72.8	74.2	1.5	yes	66	B
R57	64.8	64.9	66	1.2	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
R58	73.2	73.2	74.7	1.5	yes	66	B
R59	68	68	69.5	1.5	yes	66	B
R60	72.7	72.8	74.3	1.6	yes	66	B
R61	67.9	67.9	69.5	1.6	yes	66	B
R62	73	73.1	74.6	1.6	yes	66	B
R63	67.3	67.3	68.8	1.5	yes	66	B
R64	72.3	72.4	74	1.7	yes	66	B
R65	66.2	66.3	67.8	1.6	yes	66	B
R66	65.3	65.3	66.7	1.4	yes	66	B
R67	70.9	71	72.7	1.8	yes	66	B
R68	64.5	64.5	65.9	1.4	no	66	B
R69	69.7	69.7	71.7	2	yes	66	B
R70	64.4	64.5	66	1.6	yes	66	B
R71	66.5	66.6	68.3	1.8	yes	66	B
R72	71.1	71.1	73.3	2.2	yes	66	B
R73	67.2	67.3	69.3	2.1	yes	66	B
R74	71.9	71.9	74.2	2.3	yes	66	B
R75	67.2	67.3	69.2	2	yes	66	B
R76	71.6	71.6	73.9	2.3	yes	66	B
R77	67	67.1	69.1	2.1	yes	66	B
R78	71.5	71.6	73.7	2.2	yes	66	B
R79	67	67	69	2	yes	66	B
R80	71.6	71.7	73.8	2.2	yes	66	B
R81	66.9	66.9	68.9	2	yes	66	B
R82	71.7	71.7	73.9	2.2	yes	66	B
R83	66.9	67	69	2.1	yes	66	B
R84	71.1	71.1	73.3	2.2	yes	66	B
R85	66.6	66.6	68.5	1.9	yes	66	B
R86	71.3	71.3	73.5	2.2	yes	66	B
R87	64.1	64.1	65.7	1.6	no	66	B
R88	65.7	65.8	67.4	1.7	yes	66	B
R89	70.9	70.9	73.1	2.2	yes	66	B
R90	69.4	69.5	71.6	2.2	yes	66	B
R91	67.6	67.6	69.7	2.1	yes	66	B
R92	64.1	64.1	65.7	1.6	no	66	B
R93	66.1	66.2	67.9	1.8	yes	66	B
S1	59.4	59.4	60.8	1.4	no	66	B
S2	59.1	59	60.5	1.4	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S3	58.9	58.8	60.3	1.4	no	66	B
S4	58.6	58.6	60	1.4	no	66	B
S5	59.5	59.4	61	1.5	no	66	B
S6	59.1	59.1	60.7	1.6	no	66	B
S7	59	58.9	60.5	1.5	no	66	B
S8	58.7	58.6	60.1	1.4	no	66	B
S9	58.8	58.8	59.7	0.9	no	66	B
S10	58.7	58.7	59.5	0.8	no	66	B
S11	58.6	58.6	59.3	0.7	no	66	B
S12	58.5	58.5	59.1	0.6	no	66	B
S13	58.4	58.4	59.5	1.1	no	66	B
S14	58.3	58.2	59.3	1	no	66	B
S15	58.1	58.1	59.1	1	no	66	B
S16	58.1	58	58.9	0.8	no	66	B
S17	58.2	58.2	58.6	0.4	no	66	B
S18	57.6	57.6	58.1	0.5	no	66	B
S19	57.7	57.7	58.4	0.7	no	66	B
S20	57.5	57.5	58.2	0.7	no	66	B
S21	56.4	56.4	57.7	1.3	no	66	B
S22	56.5	56.4	57.7	1.2	no	66	B
S23	56.5	56.4	57.6	1.1	no	66	B
S24	56.6	56.5	57.6	1	no	66	B
S29	57.8	57.8	59.3	1.5	no	66	B
S30	57.6	57.5	59	1.4	no	66	B
S31	57.3	57.3	58.8	1.5	no	66	B
S32	57.1	57	58.4	1.3	no	66	B
S33	57.1	57	58.5	1.4	no	66	B
S34	57.4	57.3	58.9	1.5	no	66	B
S35	57.6	57.5	59.1	1.5	no	66	B
S36	57.9	57.8	59.4	1.5	no	66	B
S37	59.5	59.3	61.1	1.6	no	66	B
S38	59.8	59.7	61.5	1.7	no	66	B
S39	60.1	60	61.7	1.6	no	66	B
S40	60.3	60.2	62	1.7	no	66	B
S41	60.3	60.1	61.9	1.6	no	66	B
S42	60	59.9	61.7	1.7	no	66	B
S43	59.7	59.5	61.3	1.6	no	66	B
S44	59.8	59.7	61.5	1.7	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S45	58.2	58.2	58.8	0.6	no	66	B
S46	57	57	57.8	0.8	no	66	B
S47	57.2	57.2	57.9	0.7	no	66	B
S48	58.3	58.4	58.8	0.5	no	66	B
S49	58.3	58.2	59.8	1.5	no	66	B
S50	58.5	58.4	60.1	1.6	no	66	B
S51	58.7	58.6	60.3	1.6	no	66	B
S52	58.9	58.8	60.6	1.7	no	66	B
S53	58.8	58.7	60.5	1.7	no	66	B
S54	58.5	58.4	60.2	1.7	no	66	B
S55	58.4	58.3	60	1.6	no	66	B
S56	58.2	58.1	59.7	1.5	no	66	B
S57	61.1	61	62.7	1.6	no	66	B
S58	61.3	61.2	62.9	1.6	no	66	B
S59	61.4	61.3	62.9	1.5	no	66	B
S60	61.6	61.5	63.1	1.5	no	66	B
S61	60.5	60.3	62.1	1.6	no	66	B
S62	60.7	60.6	62.3	1.6	no	66	B
S63	60.9	60.7	62.5	1.6	no	66	B
S64	61.1	60.9	62.6	1.5	no	66	B
S65	59	58.9	60.7	1.7	no	66	B
S66	58.7	58.6	60.4	1.7	no	66	B
S67	59.1	59	60.8	1.7	no	66	B
S68	58.8	58.7	60.5	1.7	no	66	B
S69	59.4	59.3	61.2	1.8	no	66	B
S70	59.1	58.9	60.8	1.7	no	66	B
S71	58.8	58.7	60.5	1.7	no	66	B
S72	58.7	58.5	60.4	1.7	no	66	B
S73	58.7	58.6	60.5	1.8	no	66	B
S74	59.1	59	60.9	1.8	no	66	B
S75	59.2	59.1	61	1.8	no	66	B
S76	59.2	59	60.9	1.7	no	66	B
S77	58.4	58.3	60.2	1.8	no	66	B
S78	57.1	57	58.5	1.4	no	66	B
S79	57.3	57.2	58.8	1.5	no	66	B
S80	57.5	57.4	59	1.5	no	66	B
S81	57.8	57.7	59.4	1.6	no	66	B
S82	57.7	57.6	59.3	1.6	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S83	57.5	57.4	59.1	1.6	no	66	B
S84	57.3	57.2	58.8	1.5	no	66	B
S85	57.1	57	58.6	1.5	no	66	B
S86	57.5	57.4	59.2	1.7	no	66	B
S87	57.2	57.1	58.8	1.6	no	66	B
S90	61.2	61.1	62.8	1.6	no	66	B
S91	61.5	61.3	63	1.5	no	66	B
S92	61.6	61.5	63.1	1.5	no	66	B
S96	61	60.8	62.6	1.6	no	66	B
S97	60.8	60.7	62.4	1.6	no	66	B
S98	62.5	62.5	62.7	0.2	no	66	B
S99	62.2	62.2	62.4	0.2	no	66	B
S100	62.1	62	62.2	0.1	no	66	B
S101	61.9	61.8	62	0.1	no	66	B
S102	62.6	62.5	62.8	0.2	no	66	B
S103	62.3	62.2	62.5	0.2	no	66	B
S104	62.1	62.1	62.3	0.2	no	66	B
S105	61.9	61.8	62	0.1	no	66	B
S106	61.9	61.9	61.8	-0.1	no	66	B
S107	61.8	61.8	61.7	-0.1	no	66	B
S108	61.7	61.7	61.6	-0.1	no	66	B
S109	61.6	61.6	61.4	-0.2	no	66	B
S110	61.6	61.6	61.7	0.1	no	66	B
S111	61.5	61.5	61.5	0	no	66	B
S112	61.4	61.4	61.4	0	no	66	B
S113	61.3	61.3	61.3	0	no	66	B
S114	61.2	61.2	61	-0.2	no	66	B
S115	60.8	60.8	60.7	-0.1	no	66	B
S116	61	61	60.9	-0.1	no	66	B
S117	60.8	60.8	60.7	-0.1	no	66	B
S118	60	60	60.1	0.1	no	66	B
S119	60.1	60	60.1	0	no	66	B
S120	60.1	60	60.1	0	no	66	B
S121	60.1	60.1	60.2	0.1	no	66	B
S126	61.2	61.2	61.4	0.2	no	66	B
S127	61	61	61.2	0.2	no	66	B
S128	60.8	60.8	61	0.2	no	66	B
S129	60.6	60.5	60.7	0.1	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S130	60.6	60.5	60.7	0.1	no	66	B
S131	60.9	60.8	61	0.1	no	66	B
S132	61	60.9	61.1	0.1	no	66	B
S133	61.3	61.2	61.4	0.1	no	66	B
S134	62.6	62.5	62.9	0.3	no	66	B
S135	62.9	62.8	63.2	0.3	no	66	B
S136	63.2	63.1	63.4	0.2	no	66	B
S137	63.3	63.3	63.7	0.4	no	66	B
S138	63.3	63.2	63.6	0.3	no	66	B
S139	63.1	63	63.4	0.3	no	66	B
S140	62.8	62.7	63.1	0.3	no	66	B
S141	62.9	62.8	63.2	0.3	no	66	B
S142	61.3	61.3	61.2	-0.1	no	66	B
S143	60.4	60.4	60.4	0	no	66	B
S144	60.6	60.5	60.5	-0.1	no	66	B
S145	61.4	61.4	61.2	-0.2	no	66	B
S146	61.6	61.5	61.7	0.1	no	66	B
S147	61.8	61.7	62	0.2	no	66	B
S148	61.9	61.9	62.1	0.2	no	66	B
S149	62.1	62	62.3	0.2	no	66	B
S150	62	61.9	62.2	0.2	no	66	B
S151	61.8	61.7	62	0.2	no	66	B
S152	61.7	61.6	61.9	0.2	no	66	B
S153	61.5	61.4	61.6	0.1	no	66	B
S154	64	63.9	64.3	0.3	no	66	B
S155	64.1	64	64.5	0.4	no	66	B
S156	64.2	64.1	64.5	0.3	no	66	B
S157	64.4	64.3	64.7	0.3	no	66	B
S158	63.4	63.3	63.7	0.3	no	66	B
S159	63.6	63.5	63.9	0.3	no	66	B
S160	63.8	63.7	64.1	0.3	no	66	B
S161	63.9	63.8	64.2	0.3	no	66	B
S162	62.2	62.1	62.4	0.2	no	66	B
S163	61.9	61.8	62.1	0.2	no	66	B
S164	62.2	62.1	62.5	0.3	no	66	B
S165	62	61.9	62.2	0.2	no	66	B
S166	62.5	62.4	62.8	0.3	no	66	B
S167	62.2	62.1	62.5	0.3	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S168	61.9	61.8	62.2	0.3	no	66	B
S169	61.8	61.7	62.1	0.3	no	66	B
S170	61.8	61.7	62.1	0.3	no	66	B
S171	62.1	62	62.5	0.4	no	66	B
S172	62.3	62.2	62.6	0.3	no	66	B
S173	62.2	62.1	62.5	0.3	no	66	B
S174	60.6	60.5	60.7	0.1	no	66	B
S175	60.8	60.7	60.9	0.1	no	66	B
S176	60.9	60.8	61.1	0.2	no	66	B
S177	61.1	61	61.3	0.2	no	66	B
S178	61.1	61	61.3	0.2	no	66	B
S179	60.9	60.8	61.1	0.2	no	66	B
S180	60.7	60.6	60.9	0.2	no	66	B
S181	60.6	60.5	60.7	0.1	no	66	B
S182	60.9	60.8	61.1	0.2	no	66	B
S183	60.6	60.5	60.9	0.3	no	66	B
S186	64	63.9	64.3	0.3	no	66	B
S187	64.2	64.1	64.5	0.3	no	66	B
S188	64.4	64.3	64.7	0.3	no	66	B
S192	63.8	63.7	64.1	0.3	no	66	B
S193	63.7	63.6	64	0.3	no	66	B
S194	67.1	67	67.9	0.8	no	71	E
S195	67.8	67.7	67.9	0.1	no	71	E
S196	72.5	72.4	72.7	0.2	yes	71	E
S197	46.2	46.1	46.3	0.1	no	51	D
S198	70.4	70.3	70.9	0.5	yes	66	B
S199	73.8	73.8	74.3	0.5	yes	66	B
S200	67.9	67.8	69	1.1	yes	66	B
S201	70.3	70.3	70.8	0.5	yes	66	B
S202	71.8	71.8	72.9	1.1	yes	66	B
S203	72	72	72.5	0.5	yes	66	B
S204	67.8	67.8	68.9	1.1	yes	66	B
S205	69.7	69.7	70.8	1.1	yes	66	B
S206	70.3	70.2	70.8	0.5	yes	66	B
S207	73.6	73.6	74.1	0.5	yes	66	B
S208	68	67.9	68.5	0.5	yes	66	B
S209	67.7	67.6	68.8	1.1	yes	66	B
S210	65.4	65.3	66.6	1.2	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S211	71.5	71.5	72.6	1.1	yes	66	B
S212	71.8	71.8	72.3	0.5	yes	66	B
S213	70.2	70.1	70.7	0.5	yes	66	B
S214	67.9	67.9	68.4	0.5	yes	66	B
S215	65.3	65.2	66.6	1.3	yes	66	B
S216	69.4	69.4	70.6	1.2	yes	66	B
S217	67.5	67.4	68.7	1.2	yes	66	B
S218	67.8	67.8	68.4	0.6	yes	66	B
S219	73.4	73.4	73.9	0.5	yes	66	B
S220	65.2	65.1	66.5	1.3	yes	66	B
S221	71.2	71.2	72.3	1.1	yes	66	B
S222	71.7	71.7	72.2	0.5	yes	66	B
S223	67.8	67.8	68.4	0.6	yes	66	B
S224	65.1	65.1	66.5	1.4	yes	66	B
S225	69.1	69.1	70.4	1.3	yes	66	B
S226	73.2	73.2	73.7	0.5	yes	66	B
S227	70.9	70.9	72	1.1	yes	66	B
S228	71.6	71.6	72.1	0.5	yes	66	B
S229	69	69	70.3	1.3	yes	66	B
S230	66.5	66.5	67.8	1.3	yes	66	B
S231	72.9	73	73.4	0.5	yes	66	B
S232	71.4	71.5	71.9	0.5	yes	66	B
S233	70.6	70.7	71.8	1.2	yes	66	B
S234	68.7	68.7	70	1.3	yes	66	B
S235	72.8	72.8	73.3	0.5	yes	66	B
S236	71.3	71.3	71.8	0.5	yes	66	B
S237	70.4	70.5	71.6	1.2	yes	66	B
S238	66.5	66.5	67.9	1.4	yes	66	B
S239	68.5	68.5	69.9	1.4	yes	66	B
S240	69.1	69.1	69.6	0.5	yes	66	B
S241	66	66	67.4	1.4	yes	66	B
S242	68.5	68.5	69.1	0.6	yes	66	B
S243	66.4	66.4	67.8	1.4	yes	66	B
S244	69	69	69.6	0.6	yes	66	B
S245	66	66	67.4	1.4	yes	66	B
S246	68.5	68.5	69.1	0.6	yes	66	B
S247	72.4	72.4	72.8	0.4	yes	66	B
S248	69.9	70	71.3	1.4	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S249	70.9	71	71.5	0.6	yes	66	B
S250	68.1	68.1	69.6	1.5	yes	66	B
S251	72.3	72.4	72.8	0.5	yes	66	B
S252	69.2	69.3	69.9	0.7	yes	66	B
S253	69.8	69.8	71.2	1.4	yes	66	B
S254	70.9	71	71.4	0.5	yes	66	B
S255	66.4	66.4	67.8	1.4	yes	66	B
S256	68	68.1	69.5	1.5	yes	66	B
S257	69.3	69.3	69.9	0.6	yes	66	B
S258	68.2	68.2	68.8	0.6	yes	66	B
S259	65.3	65.4	66.9	1.6	yes	66	B
S260	66.4	66.4	67.8	1.4	yes	66	B
S261	72.3	72.4	72.8	0.5	yes	66	B
S262	68.2	68.2	68.8	0.6	yes	66	B
S263	69.3	69.3	69.9	0.6	yes	66	B
S264	65.3	65.3	66.9	1.6	yes	66	B
S265	69.9	69.9	71.3	1.4	yes	66	B
S266	66.4	66.4	67.9	1.5	yes	66	B
S267	70.9	70.9	71.4	0.5	yes	66	B
S268	72.4	72.4	72.9	0.5	yes	66	B
S269	68.2	68.2	68.9	0.7	yes	66	B
S270	69.3	69.3	69.9	0.6	yes	66	B
S271	68	68	69.5	1.5	yes	66	B
S272	69.9	69.9	71.3	1.4	yes	66	B
S273	65.3	65.4	66.9	1.6	yes	66	B
S274	66.3	66.4	67.8	1.5	yes	66	B
S275	70.8	70.9	71.4	0.6	yes	66	B
S276	68.2	68.2	68.8	0.6	yes	66	B
S277	65.3	65.4	66.9	1.6	yes	66	B
S278	68	68	69.5	1.5	yes	66	B
S279	72.3	72.4	72.8	0.5	yes	66	B
S280	69.3	69.3	69.9	0.6	yes	66	B
S281	69.8	69.8	71.3	1.5	yes	66	B
S282	70.8	70.9	71.4	0.6	yes	66	B
S283	66.4	66.4	67.9	1.5	yes	66	B
S284	72.3	72.4	72.8	0.5	yes	66	B
S285	67.9	68	69.5	1.6	yes	66	B
S286	69.3	69.3	69.9	0.6	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S287	68.2	68.2	68.9	0.7	yes	66	B
S288	69.8	69.9	71.3	1.5	yes	66	B
S289	66.3	66.4	67.8	1.5	yes	66	B
S290	65.3	65.3	66.9	1.6	yes	66	B
S291	70.8	70.9	71.4	0.6	yes	66	B
S292	68.2	68.2	68.9	0.7	yes	66	B
S293	69.2	69.3	69.9	0.7	yes	66	B
S294	68	68.1	69.6	1.6	yes	66	B
S295	65.3	65.3	66.9	1.6	yes	66	B
S296	66.3	66.4	67.9	1.6	yes	66	B
S297	69.3	69.3	69.9	0.6	yes	66	B
S298	68.1	68.2	68.8	0.7	yes	66	B
S299	66.3	66.3	67.9	1.6	yes	66	B
S300	65.3	65.3	66.9	1.6	yes	66	B
S301	68.1	68.2	68.9	0.8	yes	66	B
S302	65.3	65.3	66.9	1.6	yes	66	B
S303	72.8	72.9	73.3	0.5	yes	66	B
S304	70.5	70.5	71.9	1.4	yes	66	B
S305	71.6	71.7	72.2	0.6	yes	66	B
S306	72.8	72.9	73.3	0.5	yes	66	B
S307	68.9	69	70.5	1.6	yes	66	B
S308	70.3	70.4	71.8	1.5	yes	66	B
S309	71.6	71.7	72.2	0.6	yes	66	B
S310	68.9	69	70.5	1.6	yes	66	B
S311	72.7	72.8	73.2	0.5	yes	66	B
S312	69	69.1	69.7	0.7	yes	66	B
S313	71.6	71.7	72.2	0.6	yes	66	B
S314	70.4	70.5	71.9	1.5	yes	66	B
S315	72.8	72.9	73.3	0.5	yes	66	B
S316	68.3	68.3	69	0.7	yes	66	B
S317	68.8	68.9	70.4	1.6	yes	66	B
S318	66.1	66.1	67.7	1.6	yes	66	B
S319	70.5	70.5	72	1.5	yes	66	B
S320	64.7	64.7	66.4	1.7	yes	66	B
S321	71.6	71.7	72.3	0.7	yes	66	B
S322	65.4	65.4	67	1.6	yes	66	B
S323	69	69.1	69.8	0.8	yes	66	B
S324	69	69.1	70.6	1.6	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S325	64.7	64.7	66.4	1.7	yes	66	B
S326	70	70.1	71.5	1.5	yes	66	B
S327	68.3	68.3	69	0.7	yes	66	B
S328	66.1	66.1	67.7	1.6	yes	66	B
S329	71.9	71.9	72.5	0.6	yes	66	B
S330	68.3	68.4	70	1.7	yes	66	B
S331	64.6	64.7	66.4	1.8	yes	66	B
S332	65.4	65.4	67.1	1.7	yes	66	B
S333	69.6	69.7	70.4	0.8	yes	66	B
S334	70.7	70.8	71.4	0.7	yes	66	B
S335	70	70	71.5	1.5	yes	66	B
S336	68.9	68.9	69.6	0.7	yes	66	B
S337	71.9	72	72.5	0.6	yes	66	B
S338	66.6	66.7	68.3	1.7	yes	66	B
S339	64.5	64.6	66.3	1.8	yes	66	B
S340	73.2	73.2	73.7	0.5	yes	66	B
S341	68.4	68.5	70.1	1.7	yes	66	B
S342	69.7	69.7	70.5	0.8	yes	66	B
S343	65.9	65.9	67.5	1.6	yes	66	B
S344	70.7	70.8	71.4	0.7	yes	66	B
S345	70.9	70.9	72.4	1.5	yes	66	B
S346	68.9	68.9	69.7	0.8	yes	66	B
S347	71.8	71.8	72.4	0.6	yes	66	B
S348	66.6	66.7	68.3	1.7	yes	66	B
S349	73.2	73.2	73.7	0.5	yes	66	B
S350	69.1	69.1	70.7	1.6	yes	66	B
S351	65.9	66	67.6	1.7	yes	66	B
S352	67.7	67.7	69.4	1.7	yes	66	B
S353	70.8	70.8	72.3	1.5	yes	66	B
S354	71.8	71.9	72.5	0.7	yes	66	B
S355	70	70	70.8	0.8	yes	66	B
S356	66.4	66.5	68.1	1.7	yes	66	B
S357	69.2	69.2	70.8	1.6	yes	66	B
S358	69.1	69.1	69.9	0.8	yes	66	B
S359	67.7	67.7	69.4	1.7	yes	66	B
S360	73.3	73.4	73.8	0.5	yes	66	B
S361	70.1	70.2	70.9	0.8	yes	66	B
S362	71.1	71.1	72.6	1.5	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S363	72.1	72.2	72.8	0.7	yes	66	B
S364	73.5	73.6	74	0.5	yes	66	B
S365	66.6	66.6	68.3	1.7	yes	66	B
S366	69.5	69.6	71.2	1.7	yes	66	B
S367	69	69.1	69.9	0.9	yes	66	B
S368	71.2	71.2	72.7	1.5	yes	66	B
S369	72.2	72.2	72.8	0.6	yes	66	B
S370	73.5	73.6	74	0.5	yes	66	B
S371	69.6	69.7	71.3	1.7	yes	66	B
S372	71.2	71.3	72.8	1.6	yes	66	B
S373	72.2	72.3	72.8	0.6	yes	66	B
S374	67.7	67.8	68.6	0.9	yes	66	B
S375	73.5	73.6	74	0.5	yes	66	B
S376	69.6	69.7	71.3	1.7	yes	66	B
S377	71.2	71.3	72.8	1.6	yes	66	B
S378	64.8	64.8	66.6	1.8	yes	66	B
S379	72.1	72.2	72.8	0.7	yes	66	B
S380	69.4	69.4	70.2	0.8	yes	66	B
S381	69.6	69.7	71.3	1.7	yes	66	B
S382	68.6	68.7	69.5	0.9	yes	66	B
S383	66.4	66.4	68.1	1.7	yes	66	B
S384	67.6	67.7	68.6	1	yes	66	B
S385	69.4	69.4	70.2	0.8	yes	66	B
S386	65.6	65.7	67.4	1.8	yes	66	B
S387	64.8	64.8	66.6	1.8	yes	66	B
S388	68.6	68.6	69.5	0.9	yes	66	B
S389	66.3	66.4	68.1	1.8	yes	66	B
S390	65.6	65.7	67.4	1.8	yes	66	B
S391	67.3	67.4	68.3	1	yes	66	B
S392	64.5	64.5	66.3	1.8	yes	66	B
S393	72.4	72.4	73	0.6	yes	66	B
S394	67.2	67.3	68.3	1.1	yes	66	B
S395	69.8	69.9	71.5	1.7	yes	66	B
S396	72.4	72.5	73	0.6	yes	66	B
S397	64.4	64.5	66.3	1.9	yes	66	B
S398	69.8	69.9	71.6	1.8	yes	66	B
S399	68.7	68.8	69.6	0.9	yes	66	B
S400	65.8	65.9	67.6	1.8	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S401	68.8	68.8	69.7	0.9	yes	66	B
S402	68.5	68.6	70.4	1.9	yes	66	B
S403	65.8	65.9	67.6	1.8	yes	66	B
S404	67.9	68	69.8	1.9	yes	66	B
S405	67.5	67.6	69.4	1.9	yes	66	B
S406	67.2	67.2	69	1.8	yes	66	B
S407	66.8	66.8	68.6	1.8	yes	66	B
S408	66.5	66.5	68.4	1.9	yes	66	B
S409	66.2	66.3	68.1	1.9	yes	66	B
S410	65.9	65.9	67.7	1.8	yes	66	B
S411	69.7	69.8	71.6	1.9	yes	66	B
S412	69.8	69.8	71.6	1.8	yes	66	B
S413	67.9	68	69.9	2	yes	66	B
S414	67.3	67.3	69.2	1.9	yes	66	B
S415	69.6	69.6	71.4	1.8	yes	66	B
S416	67.1	67.1	69	1.9	yes	66	B
S417	69.5	69.6	71.4	1.9	yes	66	B
S418	66.7	66.7	68.6	1.9	yes	66	B
S419	66.4	66.5	68.3	1.9	yes	66	B
S420	69.7	69.7	71.6	1.9	yes	66	B
S421	66.1	66.2	68.1	2	yes	66	B
S422	65.7	65.8	67.7	2	yes	66	B
S423	69.6	69.7	71.5	1.9	yes	66	B
S424	65.7	65.7	67.6	1.9	yes	66	B
S425	69.8	69.9	71.7	1.9	yes	66	B
S426	65.8	65.8	67.7	1.9	yes	66	B
S427	69.8	69.8	71.7	1.9	yes	66	B
S428	65.7	65.7	67.6	1.9	yes	66	B
S429	67.9	67.9	69.9	2	yes	66	B
S430	65.7	65.7	67.6	1.9	yes	66	B
S431	67.4	67.5	69.4	2	yes	66	B
S432	67.1	67.1	69	1.9	yes	66	B
S433	65.7	65.8	67.7	2	yes	66	B
S434	66.7	66.7	68.6	1.9	yes	66	B
S435	65.6	65.7	67.6	2	yes	66	B
S436	66.3	66.4	68.3	2	yes	66	B
S437	66	66	68	2	yes	66	B
S438	65.6	65.7	67.6	2	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S439	69.6	69.7	71.5	1.9	yes	66	B
S440	69.7	69.7	71.6	1.9	yes	66	B
S441	67.5	67.5	69.5	2	yes	66	B
S442	69.6	69.7	71.5	1.9	yes	66	B
S443	66.5	66.6	68.6	2.1	yes	66	B
S444	70.5	70.5	71.5	1	yes	66	B
S445	69.6	69.7	71.5	1.9	yes	66	B
S446	65.8	65.9	67.9	2.1	yes	66	B
S447	69.5	69.5	70.6	1.1	yes	66	B
S448	67.5	67.6	69.5	2	yes	66	B
S449	68.8	68.8	69.9	1.1	yes	66	B
S450	64.3	64.3	66.4	2.1	yes	66	B
S451	70.4	70.5	71.5	1.1	yes	66	B
S452	66.5	66.6	68.6	2.1	yes	66	B
S453	65.1	65.2	67.2	2.1	yes	66	B
S454	64.3	64.4	66.5	2.2	yes	66	B
S455	65.9	65.9	68	2.1	yes	66	B
S456	68	68	69.2	1.2	yes	66	B
S457	69.5	69.5	70.6	1.1	yes	66	B
S458	64.5	64.5	66.6	2.1	yes	66	B
S459	68.8	68.8	69.9	1.1	yes	66	B
S460	65.1	65.1	67.2	2.1	yes	66	B
S461	64.3	64.3	66.4	2.1	yes	66	B
S462	67.9	68	69.1	1.2	yes	66	B
S463	64.4	64.4	66.6	2.2	yes	66	B
S464	64.3	64.4	66.5	2.2	yes	66	B
S465	66.5	66.6	67.9	1.4	yes	66	B
S466	64.2	64.3	66.4	2.2	yes	66	B
S467	68	68.1	69.3	1.3	yes	66	B
S468	65.9	65.9	68	2.1	yes	66	B
S469	69.4	69.5	70.6	1.2	yes	66	B
S470	67.4	67.5	69.5	2.1	yes	66	B
S471	63.9	63.9	66.2	2.3	yes	66	B
S472	66.2	66.2	67.6	1.4	yes	66	B
S473	67.5	67.5	68.7	1.2	yes	66	B
S474	65.3	65.3	67.4	2.1	yes	66	B
S475	68.9	68.9	70.1	1.2	yes	66	B
S476	66.6	66.6	68.7	2.1	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S477	69.9	70	71.1	1.2	yes	66	B
S478	67.1	67.2	68.4	1.3	yes	66	B
S479	64.9	64.9	67.1	2.2	yes	66	B
S480	68.8	68.9	70	1.2	yes	66	B
S481	66.7	66.7	68.8	2.1	yes	66	B
S482	65.7	65.7	67.8	2.1	yes	66	B
S483	64.4	64.4	66.7	2.3	yes	66	B
S484	66.7	66.7	68.1	1.4	yes	66	B
S485	68.2	68.3	69.5	1.3	yes	66	B
S486	69.2	69.2	70.4	1.2	yes	66	B
S487	65	65.1	67.3	2.3	yes	66	B
S488	65.9	65.9	68.1	2.2	yes	66	B
S489	69.8	69.8	71.1	1.3	yes	66	C
S490	64.7	64.7	66.1	1.4	yes	66	C
S491	69.7	69.8	71.1	1.4	yes	66	C
S492	64.1	64.1	65.5	1.4	no	66	C
S493	66.5	66.6	68.6	2.1	yes	66	C
S494	62.8	62.8	64.2	1.4	no	66	C
S495	67.8	67.8	69	1.2	yes	66	C
S496	67.8	67.9	68.3	0.5	yes	66	C
S497	65.2	65.3	66.3	1.1	yes	66	C
S498	64.3	64.4	66	1.7	yes	66	C
T1	64	64	66.2	2.2	yes	66	B
T2	63.7	63.7	66	2.3	yes	66	B
T3	63.7	63.6	66	2.3	yes	66	B
T4	63.7	63.6	65.8	2.1	no	66	B
T5	65.2	65.3	66.8	1.6	yes	66	B
T6	62.6	62.5	65	2.4	no	66	B
T7	62.9	62.8	65	2.1	no	66	B
T8	62.6	62.5	64.6	2	no	66	B
T9	63.1	62.9	64.6	1.5	no	66	B
T10	62.5	62.4	64	1.5	no	66	B
T11	62.3	62.1	63.4	1.1	no	66	B
T12	62.1	61.9	63.2	1.1	no	66	B
T13	61.8	61.6	62.5	0.7	no	66	B
T14	61.9	61.7	62.5	0.6	no	66	B
T15	73.8	73.9	RELOCATION			66	B
T16	68.2	68.2	69.6	1.4	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
T17	66.3	66.3	67.8	1.5	yes	66	B
T18	70.1	70.1	71.9	1.8	yes	66	B
T19	65	65	66.7	1.7	yes	66	B
T20	69.7	69.7	71.9	2.2	yes	66	B
T21	67.4	67.4	69.2	1.8	yes	66	B
T22	65.6	65.6	67.4	1.8	yes	66	B
T23	74.1	74.1	RELOCATION			66	B
T24	65.5	65.5	67.4	1.9	yes	66	B
T25	66.8	66.8	68.7	1.9	yes	66	B
T26	68.8	68.7	71.1	2.3	yes	66	B
T27	73.8	73.8	RELOCATION			66	B
T28	69.4	69.3	71.9	2.5	yes	66	B
T29	66.9	66.8	68.9	2	yes	66	B
T30	65.2	65.1	67.2	2	yes	66	B
T31	73.7	73.6	RELOCATION			66	B
T32	66.3	66.2	68.1	1.8	yes	66	B
T33	73.8	73.8	RELOCATION			66	B
T34	67.6	67.5	69.6	2	yes	66	B
T35	65.9	66	67.5	1.6	yes	66	B
T36	69.1	69	71.5	2.4	yes	66	B
T37	66.9	66.9	68.8	1.9	yes	66	B
T38	65.3	65.3	67.2	1.9	yes	66	B
T39	64.4	64.2	66.4	2	yes	66	B
T40	66.4	66.2	68.2	1.8	yes	66	B
T41	67.9	67.8	70	2.1	yes	66	B
T42	64.7	64.6	66.4	1.7	yes	66	B
T43	68.7	68.6	70.7	2	yes	66	B
T44	65	64.9	66.6	1.6	yes	66	B
T45	69.5	69.4	71.6	2.1	yes	66	B
T46	65.1	65	66.5	1.4	yes	66	B
T47	68.8	68.7	70.5	1.7	yes	66	B
T48	69	68.9	70.4	1.4	yes	66	B
T49	65.1	64.9	66.2	1.1	yes	66	B
T50	68.9	68.8	70	1.1	yes	66	B
T51	65.3	65.2	66.2	0.9	yes	66	B
T52	68.8	68.7	69.6	0.8	yes	66	B
T53	65.3	65.2	66.1	0.8	yes	66	B
T54	68.6	68.5	69.2	0.6	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
T55	68.3	68.2	68.8	0.5	yes	66	B
T56	64.9	64.8	65.6	0.7	no	66	B
T57	68.5	68.4	69	0.5	yes	66	B
T58	64.7	64.6	65.4	0.7	no	66	B
T59	63.1	63	64	0.9	no	66	B
T60	67.8	67.7	68.4	0.6	yes	66	B
T61	67.1	67	67.8	0.7	yes	66	B
T62	63.4	63.3	64.1	0.7	no	66	B
T63	66.7	66.6	67.4	0.7	yes	66	B
T64	66.6	66.4	67.3	0.7	yes	66	B
T65	63.2	63.1	63.9	0.7	no	66	B
U1	60.1	60.5	61.7	1.6	no	66	B
U2	57.7	58	59.4	1.7	no	66	B
U3	58.6	58.9	60.2	1.6	no	66	B
U4	58.1	58.3	60	1.9	no	66	B
U5	57.6	57.9	59.8	2.2	no	66	B
U6	59.4	59.7	61.1	1.7	no	66	B
U7	59	59.4	60.9	1.9	no	66	B
U8	61	61.4	62.8	1.8	no	66	B
U9	60.4	60.7	62.3	1.9	no	66	B
U10	60.2	60.5	62.1	1.9	no	66	B
U11	61.8	61.9	64	2.2	no	66	B
U12	60	60.2	62.3	2.3	no	66	B
U13	60.6	60.9	62.8	2.2	no	66	B
U14	61.4	61.7	63.4	2	no	66	B
U15	47.9	47.9	RELOCATION			51	D
U16	70.7	70.9	74.1	3.4	yes	66	B
U17	68.7	68.8	71.3	2.6	yes	66	B
U18	67.3	67.4	69.7	2.4	yes	66	B
U19	66.4	66.5	68.6	2.2	yes	66	B
U20	64.9	65	67	2.1	yes	66	B
U21	64.2	64.3	66.3	2.1	yes	66	B
U22	69.1	69.6	71.4	2.3	yes	66	B
U23	65.3	65.5	67.5	2.2	yes	66	B
U24	66.3	66.5	68.5	2.2	yes	66	B
U25	64.3	64.4	66.4	2.1	yes	66	B
U26	63.3	63.5	65.4	2.1	no	66	B
U27	63.4	63.6	65.4	2	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
U28	64.5	64.8	66.4	1.9	yes	66	B
U29	66.2	66.7	68.1	1.9	yes	66	B
U30	62.5	62.7	64.7	2.2	no	66	B
U31	65.1	65.6	66.5	1.4	yes	66	B
U32	62.6	63	64.4	1.8	no	66	B
U33	68.9	69.2	69.2	0.3	no	71	E
U34	65.5	66.2	66.6	1.1	yes	66	B
U35	62	62.4	63.5	1.5	no	66	B
U36	62.4	62.8	63.4	1	no	66	B
U37	60.8	61.2	62.2	1.4	no	66	B
V1	61.5	61.7	64.5	3	no	66	B
V2	64.2	64.4	67.3	3.1	yes	66	B
V3	61.2	61.4	64.4	3.2	no	66	B
V4	61.6	61.8	65.7	4.1	no	66	B
V5	64.4	64.7	68.6	4.2	yes	66	B
V6	61.7	62	66	4.3	yes	66	B
V7	64.6	64.9	69	4.4	yes	66	B
V8	60.9	61.1	64.7	3.8	no	66	B
V9	63.8	64.1	67.8	4	yes	66	B
V10	61	61.4	65.2	4.2	no	66	B
V11	64	64.3	68.2	4.2	yes	66	B
V12	61.3	61.6	65.9	4.6	no	66	B
V13	64.2	64.6	68.8	4.6	yes	66	B
V14	61.5	61.9	66.6	5.1	yes	66	B
V15	64.6	64.9	69.4	4.8	yes	66	B
V16	61	61.4	65.8	4.8	no	66	B
V17	63.9	64.3	68.4	4.5	yes	66	B
V18	60.8	61.1	65.3	4.5	no	66	B
V19	63.7	64	67.9	4.2	yes	66	B
V20	60.3	60.7	64.9	4.6	no	66	C
V21	60.6	61	65.2	4.6	no	66	B
V22	63.7	64.1	67.5	3.8	yes	66	B
V23	60.2	60.6	64.7	4.5	no	66	B
V24	63.6	64	67.1	3.5	yes	66	B
V25	60.4	60.8	64.9	4.5	no	66	B
V26	64	64.4	67.7	3.7	yes	66	B
V27	60.8	61.2	65.4	4.6	no	66	B
V28	63.5	63.8	67	3.5	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
V29	62.9	63.1	66.5	3.6	yes	66	B
V30	65.6	65.8	69.1	3.5	no	71	E
V31	65.7	65.9	69.5	3.8	yes	66	B
V32	63.8	64	67.6	3.8	yes	66	B
V33	66.5	66.8	70.4	3.9	yes	66	B
V34	63.1	63.3	67.2	4.1	yes	66	B
V35	64.7	65	68.9	4.2	yes	66	B
V36	65.8	66.1	70	4.2	yes	66	B
V37	64.1	64.3	68.4	4.3	yes	66	B
V38	67.4	67.6	71.5	4.1	yes	66	B
V39	65.7	65.9	70.2	4.5	yes	66	B
V40	66.8	67	71	4.2	yes	66	B
V41	65	65.2	69.6	4.6	yes	66	B
V42	68.2	68.4	72.4	4.2	yes	66	B
V43	67.7	67.9	72.2	4.5	yes	66	B
V44	66.1	66.3	71.1	5	yes	66	B
V45	68.5	68.7	73.2	4.7	yes	66	B
V46	63.9	64.2	67.2	3.3	yes	66	B
W1	62	62.6	63.8	1.8	no	66	B
W2	65	65.5	66.3	1.3	yes	66	B
W3	62.2	62.7	64.1	1.9	no	66	B
W4	65.2	65.7	66.6	1.4	yes	66	B
W5	62.2	62.7	64.6	2.4	no	66	B
W6	65.1	65.7	66.8	1.7	yes	66	B
W7	62.3	62.8	64.7	2.4	no	66	B
W8	65.3	65.8	67	1.7	yes	66	B
W9	61.4	61.9	63.9	2.5	no	66	B
W10	64.3	64.8	66	1.7	yes	66	B
W11	61.3	61.8	63.8	2.5	no	66	B
W12	64.2	64.7	65.9	1.7	no	66	B
W13	61.8	62.3	64.5	2.7	no	66	B
W14	64.6	65.2	66.5	1.9	yes	66	B
W15	61.6	62.1	64.3	2.7	no	66	B
W16	64.5	65	66.3	1.8	yes	66	B
W17	62.8	63.3	65.4	2.6	no	66	B
W18	65.7	66.2	67.4	1.7	yes	66	B
W19	62.6	63.2	65.2	2.6	no	66	B
W20	65.5	66	67.3	1.8	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
W21	61.5	62.1	64.6	3.1	no	66	B
W22	64.5	65	66.5	2	yes	66	B
W23	61.5	62.1	64.6	3.1	no	66	B
W24	64.5	65	66.5	2	yes	66	B
W25	65.3	65.9	67.6	2.3	yes	66	C
W26	65.2	65.7	67.6	2.4	yes	66	C
W27	63.2	63.7	64.8	1.6	no	66	B
W28	66.3	66.8	67.5	1.2	yes	66	B
W29	63.3	63.9	65.1	1.8	no	66	B
W30	66.4	66.9	67.7	1.3	yes	66	B
W31	64.4	64.9	65.9	1.5	no	66	B
W32	67.3	67.7	68.4	1.1	yes	66	B
W33	64.3	64.9	65.9	1.6	no	66	B
W34	67.4	67.9	68.6	1.2	yes	66	B
W35	68.9	69.3	69.9	1	yes	66	B
W36	65.5	66	66.8	1.3	yes	66	B
W37	68.3	68.7	69.4	1.1	yes	66	B
W38	65.5	66	66.9	1.4	yes	66	B
W39	69	69.5	70	1	yes	66	B
W40	67	67.5	68.1	1.1	yes	66	B
W41	68.2	68.7	69.4	1.2	yes	66	B
W42	66.9	67.4	68.1	1.2	yes	66	B
W43	70.3	70.7	71.2	0.9	yes	66	B
W44	69.5	69.9	70.6	1.1	yes	66	B
W45	66.8	67.3	68.2	1.4	yes	66	B
W46	70.2	70.7	71.2	1	yes	66	B
W47	68.6	69.1	69.9	1.3	yes	66	B
W48	69.6	70	70.7	1.1	yes	66	B
W49	66.9	67.4	68.5	1.6	yes	66	B
W50	68.4	68.9	69.9	1.5	yes	66	B
W51	71.1	71.5	72.2	1.1	yes	66	B
W52	68.6	69.1	70.5	1.9	yes	66	B
W53	71	71.4	72.1	1.1	yes	66	B
W54	68.5	69	70.6	2.1	yes	66	B
W55	68	68.5	70.4	2.4	yes	66	C
W56	68.1	68.5	69.8	1.7	yes	66	B
W57	68.7	69.2	71.5	2.8	yes	66	B
W58	65	65.6	67.8	2.8	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
W59	71.3	71.7	72.7	1.4	yes	66	B
W60	68	68.5	69.7	1.7	yes	66	B
W61	68.6	69.1	71.4	2.8	yes	66	B
W62	71.1	71.5	72.6	1.5	yes	66	B
W63	65.1	65.6	67.9	2.8	yes	66	B
W64	68	68.5	69.7	1.7	yes	66	B
W65	68.6	69.1	71.5	2.9	yes	66	B
W66	65	65.5	67.8	2.8	yes	66	B
W67	71.1	71.6	72.6	1.5	yes	66	B
W68	68.5	69	71.4	2.9	yes	66	B
W69	68	68.5	69.7	1.7	yes	66	B
W70	65	65.5	67.9	2.9	yes	66	B
W71	71.2	71.6	72.6	1.4	yes	66	B
W72	68.5	69	71.5	3	yes	66	B
W73	71.1	71.5	72.6	1.5	yes	66	B
W74	68.5	69	71.4	2.9	yes	66	B
W75	71.2	71.7	72.7	1.5	yes	66	B
W76	68.6	69.1	71.6	3	yes	66	B
W77	68.3	68.8	70	1.7	yes	66	B
W78	71.2	71.6	72.7	1.5	yes	66	B
W79	68.6	69.1	71.5	2.9	yes	66	B
W80	71.2	71.6	72.7	1.5	yes	66	B
W81	65.7	66.2	68.6	2.9	yes	66	B
W82	68.6	69.1	71.6	3	yes	66	B
W83	68.6	69.1	70.3	1.7	yes	66	B
W84	71.3	71.7	72.7	1.4	yes	66	B
W85	68.7	69.2	71.7	3	yes	66	B
W86	71.4	71.8	72.9	1.5	yes	66	B
W87	66.4	66.9	69.1	2.7	yes	66	B
W88	68.7	69.2	71.6	2.9	yes	66	B
W89	71.2	71.6	72.7	1.5	yes	66	B
W90	69.4	69.8	71	1.6	yes	66	B
W91	68.9	69.4	71.8	2.9	yes	66	B
W92	66.9	67.4	69.6	2.7	yes	66	B
X1	71.7	72.2	72.1	0.4	yes	66	C
X2	66.2	66.7	65.7	-0.5	no	66	B
X3	66.2	66.7	65.7	-0.5	no	66	B
X4	66.5	67.1	65.8	-0.7	no	71	E

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
X8	71.8	72.2	73.9	2.1	yes	66	B
X9	69.2	69.7	71.1	1.9	yes	66	B
X10	67.3	67.8	68.9	1.6	yes	66	B
X11	71.3	71.8	73.6	2.3	yes	66	B
X12	71.9	72.3	74.2	2.3	yes	66	B
X13	65.8	66.3	67.2	1.4	yes	66	B
X14	71.5	72	73.9	2.4	yes	66	B
X15	64.6	65.1	65.7	1.1	no	66	B
X16	63.7	64.3	64.6	0.9	no	66	B
X17	71.4	71.8	73.8	2.4	yes	66	B
X18	66.4	66.9	68.5	2.1	yes	66	B
X19	65.4	65.9	67.3	1.9	yes	66	B
X20	66.8	67.3	69	2.2	yes	66	B
X21	70.7	71.1	73.1	2.4	yes	66	B
X22	64.3	64.8	66.1	1.8	yes	66	B
X23	73.5	74	75.9	2.4	yes	66	B
X24	66.4	66.9	68.7	2.3	yes	66	B
X25	66.4	66.9	68.8	2.4	yes	66	B
X26	68.1	68.6	70.6	2.5	yes	66	B
X27	72.6	73	75.1	2.5	yes	66	B
X28	69.4	69.9	71.9	2.5	yes	66	B
X29	65.2	65.7	67.6	2.4	yes	66	B
X30	66.3	66.9	68.9	2.6	yes	66	B
X31	69.1	69.6	71.7	2.6	yes	66	B
X32	66.9	67.4	69.5	2.6	yes	66	B
X33	64	64.5	66.4	2.4	yes	66	B
X34	64.9	65.5	67.5	2.6	yes	66	B
X35	68.6	69.1	71.3	2.7	yes	66	B
X36	65.4	66	68.1	2.7	yes	66	B
X37	64.6	65.1	67.3	2.7	yes	66	B
X38	66	66.5	68.9	2.9	yes	66	B
X39	69.5	70	72.3	2.8	yes	66	B
X40	70.2	70.7	72.5	2.3	yes	66	B
X41	67.1	67.7	69.5	2.4	yes	66	B
X42	68.6	69.1	71	2.4	yes	66	B
X43	68.5	69	71.1	2.6	yes	66	B
X44	68.4	68.9	71.2	2.8	yes	66	B
X45	67.5	68	70.3	2.8	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
X46	65	65.5	67.6	2.6	yes	66	B
X47	67.3	67.8	70.2	2.9	yes	66	B
X48	67.1	67.5	70.1	3	yes	66	B
X49	64.2	64.7	66.9	2.7	yes	66	B
X50	67.2	67.6	70.3	3.1	yes	66	B
X51	66.9	67.3	70.1	3.2	yes	66	B
X52	62.7	63.2	65.6	2.9	no	66	B
X53	66.6	67	69.9	3.3	yes	66	B
X54	67.2	67.6	70.5	3.3	yes	66	B
X55	68.2	68.5	71.8	3.6	yes	66	B
X56	67.1	67.4	70.5	3.4	yes	66	B
X57	62.9	63.4	66	3.1	yes	66	B
X58	62.3	62.8	65.4	3.1	no	66	B
X59	67.2	67.5	70.9	3.7	yes	66	B
X60	68	68.3	71.7	3.7	yes	66	B
X61	63.1	63.6	66.5	3.4	yes	66	B
X62	67	67.3	70.8	3.8	yes	66	B
X63	63.9	64.4	67.5	3.6	yes	66	B
X64	62.6	63.1	66.1	3.5	yes	66	B
X65	66.8	67.1	70.8	4	yes	66	B
X66	61.8	62.4	65.5	3.7	no	66	B
X67	63.4	63.9	67.4	4	yes	66	B
X68	62.7	63.2	66.7	4	yes	66	B
X69	65.1	65.5	69.3	4.2	yes	66	B
X70	62.9	63.4	67.1	4.2	yes	66	B
X71	62.6	63.1	67.1	4.5	yes	66	B
X72	61.7	62.2	65.8	4.1	no	66	B
X73	62.5	62.9	67.3	4.8	yes	66	B
X74	61.3	61.8	65.8	4.5	no	66	B
X75	61	61.5	65.2	4.2	no	66	B
X76	60.6	61.1	64.8	4.2	no	66	B
X77	61.3	61.7	66.1	4.8	yes	66	B
X78	65.5	66.3	70.2	4.7	yes	66	C
Y1	66.6	67	66.5	-0.1	yes	66	B
Y2	67.4	67.8	67.3	-0.1	yes	66	B
Y3	68	68.3	67.7	-0.3	yes	66	B
Y4	68.7	69	68.2	-0.5	yes	66	B
Y5	62.2	62.6	62	-0.2	no	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Y6	69.4	69.5	68.6	-0.8	yes	66	B
Y7	63.7	64.1	63.2	-0.5	no	66	B
Y8	69.1	69.2	68.7	-0.4	yes	66	B
Y9	64.2	64.6	63.7	-0.5	no	66	B
Y10	64.3	64.7	63.9	-0.4	no	66	B
Y11	69.4	69.5	69.3	-0.1	yes	66	B
Y12	64.1	64.5	64	-0.1	no	66	B
Y13	69.1	69.2	69.5	0.4	yes	66	B
Y14	61.3	61.7	61.3	0	no	66	B
Y15	71	71.1	RELOCATION			66	B
Y16	64.2	64.6	64.5	0.3	no	66	B
Y17	63.2	63.7	64	0.8	no	66	B
Y18	61.8	62.2	62.4	0.6	no	66	B
Y19	62.4	63.1	64.7	2.3	no	66	B
Y20	64.3	64.9	67.4	3.1	yes	66	B
Y21	60.5	61.3	63.7	3.2	no	66	B
Y22	65.3	65.9	69	3.7	yes	66	B
Y23	61.8	62.6	65.1	3.3	no	66	B
Y24	63	63.8	66.2	3.2	yes	66	B
Y25	64.3	65	67.3	3	yes	66	B
Y26	70.6	70.9	RELOCATION			66	B
Y27	72.6	72.8	RELOCATION			66	B
Y28	73.9	74.1	RELOCATION			66	B
Y30	60.8	61.6	63.8	3	no	66	C
Y31	59.8	60.3	62.9	3.1	no	66	B
Z1	63	63.9	65.5	2.5	no	66	B
Z2	65.5	66.1	67.9	2.4	yes	66	B
Z3	61.4	62.4	64.2	2.8	no	66	B
Z4	60	60.9	63	3	no	66	B
Z5	62.8	63.7	65.4	2.6	no	66	B
Z6	60.9	61.8	63.8	2.9	no	66	B
Z7	57.9	58.8	61.1	3.2	no	66	B
Z9	56.8	57.6	60	3.2	no	66	B
Z10	56	56.7	59.1	3.1	no	66	B
Z12	68.8	69.1	70.7	1.9	yes	66	B
Z13	70.7	69.2	72.9	2.2	yes	66	B
Z14	67.6	70	69.6	2	yes	66	B
Z15	69.6	68	71.8	2.2	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Z16	68.9	71	70.8	1.9	yes	66	B
Z17	67.7	68.1	69.6	1.9	yes	66	B
Z18	70.7	69.2	72.8	2.1	yes	66	B
Z19	69.6	70	71.8	2.2	yes	66	B
Z20	68.9	71	70.7	1.8	yes	66	B
Z28	70.7	69.2	72.8	2.1	yes	66	B
Z29	67.6	69.9	69.5	1.9	yes	66	B
Z30	64.8	65.5	66.9	2.1	yes	66	B
Z31	63.9	64.6	66.3	2.4	yes	66	B
Z32	66.1	64.4	68.4	2.3	yes	66	B
Z33	63.6	66.3	65.9	2.3	no	66	B
Z34	65.8	64.1	68.1	2.3	yes	66	B
Z35	63.2	65.9	65.6	2.4	no	66	B
Z36	65.3	65.9	67.3	2	yes	66	B
Z37	66.9	65.3	69.2	2.3	yes	66	B
Z38	64.4	67.1	66.6	2.2	yes	66	B
Z39	66.5	64.8	68.8	2.3	yes	66	B
Z40	67.3	67.6	69.5	2.2	yes	66	B
Z41	68.5	68.9	70.7	2.2	yes	66	B
Z42	66.1	68.6	68.1	2	yes	66	B
Z43	68.1	66.4	70.3	2.2	yes	66	B
Z44	65.7	68.2	67.7	2	yes	66	B
Z45	67.7	66	69.9	2.2	yes	66	B
Z46	66.7	69.1	68.5	1.8	yes	66	B
Z47	67.6	68	69.4	1.8	yes	66	B
Z48	68.9	69.2	70.7	1.8	yes	66	B
Z49	67.6	68	69.4	1.8	yes	66	B
Z50	70.6	69.1	72.7	2.1	yes	66	B
Z51	69.5	69.9	71.7	2.2	yes	66	B
Z52	68.8	70.9	70.6	1.8	yes	66	B
Z53	67.6	68	69.4	1.8	yes	66	B
Z62	70.6	69.2	72.7	2.1	yes	66	B
Z66	69.5	69.9	71.7	2.2	yes	66	B
Z67	65.9	66.3	68.2	2.3	yes	66	B
Z68	63.2	65.9	65.4	2.2	no	66	B
Z69	67.5	65.9	69.7	2.2	yes	66	B
Z70	65.1	67.7	67.1	2	yes	66	B
Z71	67.2	65.5	69.3	2.1	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Z72	66.7	67.1	68.9	2.2	yes	66	B
Z73	64.1	66.8	66.2	2.1	yes	66	B
Z74	66.2	64.6	68.5	2.3	yes	66	B
Z75	63.7	66.4	65.9	2.2	no	66	B
Z76	66	66.6	67.9	1.9	yes	66	B
Z77	68	66.3	70.1	2.1	yes	66	B
Z78	65.6	68.1	67.5	1.9	yes	66	B
Z79	64.6	65.2	66.6	2	yes	66	B
Z80	68.8	69.2	70.6	1.8	yes	66	B
Z81	67.5	68	69.3	1.8	yes	66	B
Z82	70.6	69.1	72.7	2.1	yes	66	B
Z83	69.5	69.9	71.6	2.1	yes	66	B
Z84	72.9	73.3	75.1	2.2	yes	66	B
Z85	71	72.9	72.9	1.9	yes	66	B
Z86	72.1	72.4	73.9	1.8	yes	66	B
Z87	72.2	70.9	74.3	2.1	yes	66	B
Z88	70.2	72.2	72	1.8	yes	66	B
Z89	71.6	70.2	73.7	2.1	yes	66	B
Z90	69.6	71.6	71.4	1.8	yes	66	B
Z91	71	69.6	73.1	2.1	yes	66	B
Z92	68.9	71	70.7	1.8	yes	66	B
Z93	70.5	69	72.6	2.1	yes	66	B
Z94	68.4	70.6	70.1	1.7	yes	66	B
Z95	70	68.5	72.1	2.1	yes	66	B
Z96	65.9	66.2	68.1	2.2	yes	66	B
Z97	66.4	66.7	68.5	2.1	yes	66	B
Z98	63.7	66.4	65.8	2.1	no	66	B
Z99	66.8	65.1	68.9	2.1	yes	66	B
Z100	64.2	66.9	66.3	2.1	yes	66	B
Z101	67.1	65.4	69.2	2.1	yes	66	B
Z102	64.6	67.3	66.6	2	yes	66	B
Z103	65.5	66	67.3	1.8	yes	66	B
Z104	67.5	65.8	69.6	2.1	yes	66	B
Z105	65	67.6	67	2	yes	66	B
Z106	65.9	66.5	67.8	1.9	yes	66	B
Z107	67.9	66.2	70	2.1	yes	66	B
Z108	68.5	70.7	70.3	1.8	yes	66	B
Z109	70.1	68.6	72.2	2.1	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Z110	67.9	70.2	69.6	1.7	yes	66	B
Z111	69.6	68.1	71.6	2	yes	66	B
Z112	69.3	71.3	71	1.7	yes	66	B
Z113	70.6	70.8	72.3	1.7	yes	66	B
Z114	71.9	70.5	74	2.1	yes	66	B
Z115	69.9	71.9	71.6	1.7	yes	66	B
Z116	71.3	69.9	73.3	2	yes	66	B
Z117	70.7	71	72.7	2	yes	66	B
Z118	71.2	73.1	73	1.8	yes	66	B
Z119	72.4	71.1	74.5	2.1	yes	66	B
Z122	66.5	66.8	68.6	2.1	yes	66	B
Z123	63.8	66.6	65.9	2.1	no	66	B
Z124	66	64.3	68.2	2.2	yes	66	B
Z125	63.5	66.2	65.6	2.1	no	66	B
Z126	65.7	64	67.9	2.2	yes	66	B
Z127	64.8	67.4	66.7	1.9	yes	66	B
Z128	66.9	65.2	69	2.1	yes	66	B
Z129	64.3	67	66.3	2	yes	66	B
Z130	67.4	65.7	69.5	2.1	yes	66	B
Z131	65.4	68	67.2	1.8	yes	66	B
Z132	68.1	66.4	70.1	2	yes	66	B
Z133	66.1	68.7	67.9	1.8	yes	66	B
Z134	65.6	66.1	67.4	1.8	yes	66	B
Z135	67.6	65.9	69.7	2.1	yes	66	B
Z136	68.6	68.9	70.6	2	yes	66	B
Z137	67.1	69.5	68.8	1.7	yes	66	B
Z138	68.9	67.3	71	2.1	yes	66	B
Z139	66.6	69.1	68.3	1.7	yes	66	B
Z140	69.8	68.3	71.9	2.1	yes	66	B
Z141	67.6	69.9	69.3	1.7	yes	66	B
Z142	69.4	67.8	71.4	2	yes	66	B
Z143	68.2	70.5	69.9	1.7	yes	66	B
Z144	69.1	69.5	70.9	1.8	yes	66	B
Z145	70.6	69.2	72.7	2.1	yes	66	B
Z146	68.6	70.8	70.3	1.7	yes	66	B
Z147	70.3	68.7	72.3	2	yes	66	B
Z148	69.9	71.9	71.6	1.7	yes	66	B
Z149	71.2	69.8	73.3	2.1	yes	66	B

Noise Technical Report

RA 1 (preferred)							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Z150	72	72.4	74.1	2.1	yes	66	B
Z151	73.9	74.2	76	2.1	yes	66	B
Z152	73	73.3	75.1	2.1	yes	66	B
Z153	70.9	72.8	72.6	1.7	yes	66	B
Z154	73.1	73.3	75	1.9	yes	66	B
Z155	72	72.2	73.8	1.8	yes	66	B
Z156	67.1	65.4	69.2	2.1	yes	66	B
Z157	65.1	67.7	66.9	1.8	yes	66	B
Z158	65.6	66.1	67.3	1.7	yes	66	B
Z159	67.7	65.9	69.7	2	yes	66	B
Z160	68.1	68.4	70.1	2	yes	66	B
Z161	66	68.5	67.7	1.7	yes	66	B
Z162	68.8	67.1	70.9	2.1	yes	66	B
Z163	66.5	69	68.2	1.7	yes	66	B
Z164	68.5	66.7	70.5	2	yes	66	B
Z165	67	69.4	68.7	1.7	yes	66	B
Z166	70.1	68.5	72.1	2	yes	66	B
Z167	69.3	69.7	71.4	2.1	yes	66	B
Z168	67.6	69.9	69.3	1.7	yes	66	B
Z169	68.3	68.6	70	1.7	yes	66	B
Z170	69	69.3	70.7	1.7	yes	66	B
Z171	70.5	68.9	72.5	2	yes	66	B
Z172	71	71.4	73.1	2.1	yes	66	B
Z173	69.5	71.6	71.3	1.8	yes	66	B
Z174	71	71.2	72.7	1.7	yes	66	B
Z175	72.2	70.8	74.3	2.1	yes	66	B
Z176	71.6	71.9	73.6	2	yes	66	B
Z177	70.2	72.2	72	1.8	yes	66	B
Z178	72.1	72.3	73.9	1.8	yes	66	B
Z179	73	71.7	75.2	2.2	yes	66	B
Z180	68.4	68.6	70.4	2	yes	66	B
Z181	66.3	66.6	68.2	1.9	yes	66	B
Z182	64.3	64.8	66.2	1.9	yes	66	B
Z183	64.1	64.5	65.9	1.8	no	66	B
Z184	65.6	65.9	67.6	2	yes	66	B
Z185	68.4	68.5	70.4	2	yes	66	B
Z186	63.6	63.8	65.4	1.8	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
A1	64.7	64.6	70.6	5.9	yes	66	B
A2	61.8	61.8	66.7	4.9	yes	66	C
B1	65.5	65.6	71.5	6	yes	66	B
B2	63.1	64.3	66.7	3.6	yes	66	B
C1	72.8	72.3	75.3	2.5	yes	71	E
D1	75.9	76	RELOCATION			71	E
D2	59.8	59.9	63.6	3.8	no	66	B
D3	41.2	41.8	44.9	3.7	no	51	D
D4	64.8	65.2	67.8	3	no	71	E
E1	69.1	69.4	72.3	3.2	yes	71	E
E2	59.6	59.7	62.4	2.8	no	66	B
E3	59.4	59.6	62.4	3	no	66	B
E4	59.8	60	62.8	3	no	66	B
E5	59.9	60	63	3.1	no	66	B
E6	58.1	58.2	61.2	3.1	no	66	B
E7	58.8	58.9	61.9	3.1	no	66	B
E8	60	60.2	63.2	3.2	no	66	B
E9	59.7	59.9	62.9	3.2	no	66	B
E10	58.9	59.1	62.1	3.2	no	66	B
E11	59.5	59.7	62.7	3.2	no	66	B
E12	59	59.2	62.2	3.2	no	66	B
E13	61.2	61.4	64.5	3.3	no	66	B
E14	59.8	60	63.1	3.3	no	66	B
E15	62.4	62.6	65.7	3.3	no	66	B
E16	60.2	60.5	63.5	3.3	no	66	B
E17	62.6	62.8	65.8	3.2	no	66	B
E18	60.5	60.7	63.8	3.3	no	66	B
E19	62.8	63	65.9	3.1	no	66	B
E20	60.6	60.8	63.9	3.3	no	66	B
E21	62.9	63.1	66	3.1	yes	66	B
E22	60.7	60.9	64	3.3	no	66	B
E23	62.9	63.1	66	3.1	yes	66	B
E24	63	63.2	66.1	3.1	yes	66	B
E25	63.2	63.5	66.4	3.2	yes	66	B
E26	63.4	63.6	66.4	3	yes	66	B
E27	63.3	63.5	66.3	3	yes	66	B
E28	63.3	63.6	66.3	3	yes	66	B
E29	69.6	69.8	72.7	3.1	yes	66	C

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
E30	68.2	68.3	71.3	3.1	yes	71	E
F1	46.9	47.2	49.8	2.9	no	51	D
F2	47.8	48.1	50.7	2.9	no	51	D
F3	66.4	66.2	68.9	2.5	yes	66	C
F4	58.8	59.1	61.2	2.4	no	66	C
G1	68.3	68.1	71.5	3.2	yes	71	E
G2	66.2	66.1	68.9	2.7	yes	66	B
G3	68.6	68.6	70.8	2.2	yes	66	B
G4	66.1	66	68.7	2.6	yes	66	B
G5	68.5	68.4	70.7	2.2	yes	66	B
G6	68.1	68.1	70.4	2.3	yes	66	B
G7	65.7	65.7	68.5	2.8	yes	66	B
G8	65.5	65.4	68.3	2.8	yes	66	B
G9	68	67.9	70.2	2.2	yes	66	B
G10	70.1	70	72.2	2.1	yes	66	B
G11	68	67.9	70.8	2.8	yes	66	B
G12	70.7	70.6	72.8	2.1	yes	66	B
G13	68.5	68.5	71.5	3	yes	66	B
G14	67.9	67.9	70.1	2.2	yes	66	B
G15	65.7	65.6	68.3	2.6	yes	66	B
G16	68.2	68.2	70.4	2.2	yes	66	B
G17	66	66	68.6	2.6	yes	66	B
G18	71.8	71.8	73.8	2	yes	66	B
G19	69.9	69.8	72.9	3	yes	66	B
G20	72.9	72.9	74.6	1.7	yes	66	B
G21	69.3	69.3	71.4	2.1	yes	66	B
G22	70.8	70.8	73.8	3	yes	66	B
G23	67.9	67.9	70.1	2.2	yes	66	B
G24	67.3	67.2	69.7	2.4	yes	66	B
G25	65.8	65.7	68.2	2.4	yes	66	B
G26	68.2	68.2	70.4	2.2	yes	66	B
G27	68.8	68.8	70.9	2.1	yes	66	B
G28	66.1	66.1	68.5	2.4	yes	66	B
G29	69.7	69.7	71.7	2	yes	66	B
G30	66.7	66.6	69.1	2.4	yes	66	B
G31	69.1	69.1	71.2	2.1	yes	66	B
G32	67	67	69.3	2.3	yes	66	B
G33	67.6	67.6	70.1	2.5	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
G34	65.7	65.6	68	2.3	yes	66	B
G35	67.8	67.8	70	2.2	yes	66	B
G36	65.5	65.5	67.9	2.4	yes	66	B
G37	67.7	67.7	69.9	2.2	yes	66	B
G38	66.4	66.4	68.5	2.1	yes	66	B
G39	65.3	65.2	67.6	2.3	yes	66	C
G40	68.7	68.8	70.7	2	yes	66	B
G41	66.8	66.8	68.9	2.1	yes	66	B
G42	69.1	69.2	71.1	2	yes	66	B
G43	71.6	71.6	73.4	1.8	yes	66	B
G44	69.6	69.6	72.2	2.6	yes	66	B
G45	72.7	72.7	74.3	1.6	yes	66	B
G46	70.5	70.5	73.2	2.7	yes	66	B
G47	73.2	73.2	74.8	1.6	yes	66	B
G48	71	71.1	73.7	2.7	yes	66	B
G49	76	76	RELOCATION			66	B
G50	74.1	74.1	RELOCATION			66	B
G51	76.4	76.3	RELOCATION			66	B
G52	74.6	74.6	RELOCATION			66	B
G53	74.9	74.9	76.4	1.5	yes	66	B
G54	72.9	72.9	75.6	2.7	yes	66	B
G55	75.4	75.3	76.8	1.4	yes	66	B
G56	73.3	73.3	76	2.7	yes	66	B
G57	72.3	72.3	74	1.7	yes	66	B
G58	66.7	66.7	68.7	2	yes	66	B
G59	70.3	70.3	72.9	2.6	yes	66	B
G60	68.8	68.8	70.7	1.9	yes	66	B
G61	66.6	66.6	68.6	2	yes	66	B
G62	68.7	68.7	70.7	2	yes	66	B
G63	67.4	67.5	69.6	2.2	yes	66	B
G64	66.5	66.5	68.5	2	yes	66	B
G65	68.5	68.5	70.5	2	yes	66	B
G66	74.3	74.3	75.6	1.3	yes	66	B
G67	66.4	66.4	68.4	2	yes	66	B
G68	68.4	68.4	70.4	2	yes	66	B
G69	72.4	72.4	75	2.6	yes	66	B
G70	71.7	71.7	73.4	1.7	yes	66	B
G71	75.1	75.1	76.5	1.4	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
G72	73.2	73.2	75.8	2.6	yes	66	B
G73	69.8	69.8	72.2	2.4	yes	66	B
G74	72.3	72.3	73.9	1.6	yes	66	B
G75	70.3	70.4	72.7	2.4	yes	66	B
G76	67	67	69.2	2.2	yes	66	B
G77	65.1	65.1	67.3	2.2	yes	66	B
G78	67.3	67.3	69.4	2.1	yes	66	B
G79	65.4	65.4	67.6	2.2	yes	66	B
G80	73.9	73.9	75.2	1.3	yes	66	B
G81	72	72.1	74.4	2.4	yes	66	B
G82	68.3	68.3	70.2	1.9	yes	66	B
G83	66.5	66.4	68.4	1.9	yes	66	B
G84	74.5	74.6	75.9	1.4	yes	66	B
G85	70.2	70.3	72	1.8	yes	66	B
G86	68.6	68.7	70.6	2	yes	66	B
G87	66.8	66.8	68.7	1.9	yes	66	B
G88	72.8	72.8	75.1	2.3	yes	66	B
G89	68.4	68.4	70.4	2	yes	66	B
G90	70.6	70.7	72.4	1.8	yes	66	B
G91	68.7	68.7	70.8	2.1	yes	66	B
G92	67.5	67.5	69.4	1.9	yes	66	B
G93	69.7	69.8	71.6	1.9	yes	66	B
G94	67.9	67.9	69.8	1.9	yes	66	B
G95	61.3	61.3	66.1	4.8	yes	66	B
G96	70.2	70.2	72	1.8	yes	66	B
G97	63.6	63.6	67.3	3.7	yes	66	B
G98	73.1	73.2	75.3	2.2	yes	66	B
G99	61.2	61.2	65.9	4.7	no	66	B
G100	65.2	65.2	67.5	2.3	yes	66	B
G101	72	72	73.6	1.6	yes	66	B
G102	75	75.1	76.3	1.3	yes	66	B
G103	67.5	67.5	69.6	2.1	yes	66	B
G104	72.9	73	75.1	2.2	yes	66	B
G105	70.1	70.1	72.4	2.3	yes	66	B
G106	63.5	63.6	67.2	3.7	yes	66	B
G107	65.6	65.6	67.8	2.2	yes	66	B
G108	74.8	74.9	76.1	1.3	yes	66	B
G109	67.8	67.9	69.9	2.1	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
G110	72.5	72.5	74	1.5	yes	66	B
G111	70.6	70.7	73	2.4	yes	66	B
G112	67.2	67.2	69.2	2	yes	66	B
G113	68.7	68.7	70.6	1.9	yes	66	B
G114	69.4	69.5	71.3	1.9	yes	66	B
G115	67.6	67.6	69.5	1.9	yes	66	B
G116	66.7	66.7	68.8	2.1	yes	66	B
G117	69.8	69.8	71.6	1.8	yes	66	B
G118	69.1	69.1	71	1.9	yes	66	B
G119	67.2	67.2	69.2	2	yes	66	B
G120	67.2	67.3	69.4	2.2	yes	66	B
G121	65.2	65.2	67.6	2.4	yes	66	B
G122	67.5	67.6	69.7	2.2	yes	66	B
G123	69.8	69.9	71.7	1.9	yes	66	B
G124	65.5	65.5	67.8	2.3	yes	66	B
G125	68	68.1	70.1	2.1	yes	66	B
G126	66.2	66.2	68.4	2.2	yes	66	B
G127	70.4	70.4	72.2	1.8	yes	66	B
G128	68.4	68.5	70.4	2	yes	66	B
G129	66.1	66.1	68.3	2.2	yes	66	B
G130	68.3	68.4	70.3	2	yes	66	B
G131	68.4	68.5	70.7	2.3	yes	66	B
G132	65.8	65.8	68.2	2.4	yes	66	B
G133	68.1	68.1	70.1	2	yes	66	B
G134	65.7	65.7	68.1	2.4	yes	66	B
G135	68	68	70.1	2.1	yes	66	B
G136	65.5	65.5	68	2.5	yes	66	B
G137	71.7	71.7	73.4	1.7	yes	66	B
G138	67.8	67.9	69.9	2.1	yes	66	B
G139	65.4	65.4	67.9	2.5	yes	66	B
G140	67.7	67.8	69.8	2.1	yes	66	B
G141	69.6	69.7	72.1	2.5	yes	66	B
G142	72.2	72.3	73.9	1.7	yes	66	B
G143	64.3	64.3	65.8	1.5	no	66	C
G144	70.1	70.2	72.6	2.5	yes	66	B
G145	69.9	70.1	72.4	2.5	yes	66	B
G146	72.2	72.3	73.9	1.7	yes	66	B
G147	69.7	69.8	72.2	2.5	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
G148	71.9	72	73.7	1.8	yes	66	B
G149	69.3	69.4	71.8	2.5	yes	66	B
G150	71.6	71.6	73.4	1.8	yes	66	B
G151	69.1	69.2	71.6	2.5	yes	66	B
G152	68.2	68.3	70.4	2.2	yes	66	B
G153	71.4	71.4	73.2	1.8	yes	66	B
G154	66.1	66.1	68.5	2.4	yes	66	B
G155	68.6	68.7	70.7	2.1	yes	66	B
G156	68.5	68.6	71	2.5	yes	66	B
G157	70.7	70.8	72.6	1.9	yes	66	B
G158	68.3	68.4	70.7	2.4	yes	66	B
G159	70.5	70.6	72.4	1.9	yes	66	B
G160	66.4	66.5	68.8	2.4	yes	66	B
G161	68	68.1	70.4	2.4	yes	66	B
G162	70.1	70.1	72.1	2	yes	66	B
G163	67.8	67.9	70.1	2.3	yes	66	B
G164	69.8	69.9	71.8	2	yes	66	B
G165	69.5	69.5	71.5	2	yes	66	B
G166	67.5	67.6	69.8	2.3	yes	66	B
G167	67.7	67.7	69.9	2.2	yes	66	B
G168	70	70	72	2	yes	66	B
G169	65.4	65.5	68	2.6	yes	66	B
G170	67.9	68	70.3	2.4	yes	66	B
G171	68	68.1	70.2	2.2	yes	66	B
G172	65.7	65.7	68.3	2.6	yes	66	B
G173	68.9	69	71	2.1	yes	66	B
G174	66.7	66.8	69.2	2.5	yes	66	B
G175	69.3	69.4	71.4	2.1	yes	66	B
G176	67.2	67.3	69.7	2.5	yes	66	B
H5	63.6	63.5	66.4	2.8	yes	66	B
H6	64.2	64.2	67	2.8	yes	66	B
H7	64.3	64.2	67.1	2.8	yes	66	B
H8	64.6	64.5	67.3	2.7	yes	66	B
H70	65.8	65.6	68.2	2.4	yes	66	B
H71	66.5	66.4	68.9	2.4	yes	66	B
H72	66.6	66.5	69	2.4	yes	66	B
H73	66.9	66.8	69.2	2.3	yes	66	B
H94	67.1	67	69.1	2	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
H95	67.8	67.7	69.6	1.8	yes	66	B
H96	67.9	67.7	69.7	1.8	yes	66	B
H97	68.1	67.9	69.9	1.8	yes	66	B
H212	61.5	61.3	64.7	3.2	no	71	E
H213	59.3	59.4	62.2	2.9	no	66	B
H214	62.3	62.4	65	2.7	no	66	B
H215	63.7	63.7	66.2	2.5	yes	66	B
H216	59.2	59.2	62.1	2.9	no	66	B
H217	62.2	62.2	64.9	2.7	no	66	B
H218	63.6	63.6	66.1	2.5	yes	66	B
H219	59	59	61.9	2.9	no	66	B
H220	62.1	62.1	64.8	2.7	no	66	B
H221	63.4	63.4	65.9	2.5	no	66	B
H222	58.9	58.9	61.8	2.9	no	66	B
H223	62	62	64.7	2.7	no	66	B
H224	63.3	63.3	65.8	2.5	no	66	B
H225	58.8	58.8	61.7	2.9	no	66	B
H226	61.9	61.9	64.6	2.7	no	66	B
H227	63.2	63.2	65.7	2.5	no	66	B
H228	58.6	58.7	61.6	3	no	66	B
H229	61.8	61.8	64.5	2.7	no	66	B
H230	63.1	63.1	65.6	2.5	no	66	B
H231	58.5	58.5	61.4	2.9	no	66	B
H232	61.7	61.7	64.4	2.7	no	66	B
H233	63	63	65.6	2.6	no	66	B
H234	58.4	58.4	61.3	2.9	no	66	B
H235	61.6	61.6	64.3	2.7	no	66	B
H236	62.9	62.9	65.5	2.6	no	66	B
H237	58.3	58.3	61.2	2.9	no	66	B
H238	61.5	61.5	64.2	2.7	no	66	B
H239	62.8	62.8	65.4	2.6	no	66	B
H240	58.2	58.2	61.1	2.9	no	66	B
H241	61.4	61.4	64.1	2.7	no	66	B
H242	62.7	62.7	65.3	2.6	no	66	B
H243	58	58	61	3	no	66	B
H244	61.3	61.3	64	2.7	no	66	B
H245	62.6	62.6	65.2	2.6	no	66	B
H246	57.9	57.9	60.9	3	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
H247	61.2	61.2	63.9	2.7	no	66	B
H248	62.5	62.5	65.1	2.6	no	66	B
H249	57.8	57.8	60.7	2.9	no	66	B
H250	61.1	61.1	63.8	2.7	no	66	B
H251	62.4	62.4	65	2.6	no	66	B
H252	56.6	56.6	59.5	2.9	no	66	B
H270	65.2	65.1	68.2	3	yes	66	B
H271	67.7	67.6	70.2	2.5	yes	66	B
H272	68.8	68.6	70.7	1.9	yes	66	B
H273	64.9	64.8	67.8	2.9	yes	66	B
H274	67.3	67.2	69.8	2.5	yes	66	B
H275	68.4	68.3	70.4	2	yes	66	B
H276	64	63.9	66.9	2.9	yes	66	B
H277	66.2	66.1	68.9	2.7	yes	66	B
H278	67.6	67.4	69.6	2	yes	66	B
H279	64.5	64.3	67.2	2.7	yes	66	B
H280	66.7	66.6	69.2	2.5	yes	66	B
H281	68	67.8	69.9	1.9	yes	66	B
H282	64.2	64.1	67	2.8	yes	66	B
H283	66.5	66.4	69	2.5	yes	66	B
H284	67.8	67.7	69.8	2	yes	66	B
H285	65.3	65.2	68.1	2.8	yes	66	B
H286	67.8	67.7	70.1	2.3	yes	66	B
H287	68.9	68.7	70.7	1.8	yes	66	B
H288	63.9	63.8	66.8	2.9	yes	66	B
H289	66.2	66.1	68.7	2.5	yes	66	B
H290	67.5	67.4	69.5	2	yes	66	B
H291	63.7	63.6	66.6	2.9	yes	66	B
H292	65.9	65.8	68.5	2.6	yes	66	B
H293	67.3	67.2	69.4	2.1	yes	66	B
H301	65.8	65.7	68.7	2.9	yes	66	B
H302	60.6	60.3	63.4	2.8	no	71	E
I1	63.5	63.5	68	4.5	yes	66	B
I2	63.7	63.7	68.1	4.4	yes	66	B
I3	63.6	63.6	68	4.4	yes	66	B
I4	63.4	63.4	67.9	4.5	yes	66	B
I5	63.4	63.3	67.9	4.5	yes	66	B
I6	63.2	63.1	67.7	4.5	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
17	63.4	63.3	67.9	4.5	yes	66	B
18	63.5	63.4	67.9	4.4	yes	66	B
19	63.6	63.5	68	4.4	yes	66	B
110	63.2	63.2	67.7	4.5	yes	66	B
111	63	62.9	67.5	4.5	yes	66	B
112	63	62.9	67.4	4.4	yes	66	B
113	63.2	63.2	67.6	4.4	yes	66	B
114	63.4	63.4	67.7	4.3	yes	66	B
115	74	74.1	RELOCATION			66	B
116	71.2	71.2	74	2.8	yes	66	B
117	70.3	70.3	73.6	3.3	yes	66	B
118	67	67	70.7	3.7	yes	66	B
119	64.8	64.8	69.1	4.3	yes	66	B
120	65.1	65.1	69.3	4.2	yes	66	B
121	65	64.9	69.2	4.2	yes	66	B
122	64.8	64.8	69.1	4.3	yes	66	B
123	68.5	68.4	72.6	4.1	yes	66	B
124	64.6	64.6	69	4.4	yes	66	B
125	68.2	68.2	72.3	4.1	yes	66	B
126	64.5	64.5	68.9	4.4	yes	66	B
127	68.1	68.1	72.2	4.1	yes	66	B
128	64.5	64.4	68.8	4.3	yes	66	B
129	67.9	67.9	72	4.1	yes	66	B
130	64.3	64.2	68.6	4.3	yes	66	B
131	67.8	67.7	71.8	4	yes	66	B
132	64.2	64.2	68.6	4.4	yes	66	B
133	67.7	67.7	71.8	4.1	yes	66	B
134	67.4	67.4	71.4	4	yes	66	B
135	66.9	66.8	70.8	3.9	yes	66	B
136	66.8	66.7	70.7	3.9	yes	66	B
137	66.9	66.9	70.8	3.9	yes	66	B
138	66.6	66.6	70.6	4	yes	66	B
139	66.4	66.3	70.3	3.9	yes	66	B
140	65.7	65.7	69.8	4.1	yes	66	B
141	65.3	65.2	69.4	4.1	yes	66	B
142	64.8	64.7	69	4.2	yes	66	B
143	64.8	64.7	69	4.2	yes	66	B
144	64.2	64.1	68.4	4.2	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
145	65.6	65.5	69.5	3.9	yes	66	B
146	64.7	64.6	68.8	4.1	yes	66	B
147	67.5	67.4	71.3	3.8	yes	66	B
148	64.6	64.6	68.8	4.2	yes	66	B
149	64.3	64.2	68.4	4.1	yes	66	B
150	67.6	67.5	71.4	3.8	yes	66	B
151	67.8	67.8	71.7	3.9	yes	66	B
152	64.6	64.5	68.7	4.1	yes	66	B
153	67.6	67.6	71.4	3.8	yes	66	B
154	64.7	64.6	68.8	4.1	yes	66	B
155	67.7	67.6	71.5	3.8	yes	66	B
156	64.6	64.5	68.6	4	yes	66	B
157	67.3	67.3	70.4	3.1	yes	66	B
158	64.7	64.7	68.8	4.1	yes	66	B
159	67.7	67.7	71.5	3.8	yes	66	B
160	67.7	67.7	70.7	3	yes	66	B
161	65.6	65.6	69.5	3.9	yes	66	B
162	68.3	68.3	71.2	2.9	yes	66	B
163	65.7	65.6	69.6	3.9	yes	66	B
164	68.3	68.3	71.3	3	yes	66	B
165	65.6	65.5	69.5	3.9	yes	66	B
166	69	68.9	71.8	2.8	yes	66	B
167	68.3	68.3	71.2	2.9	yes	66	B
168	66.8	66.7	70.5	3.7	yes	66	B
169	69.7	69.7	72.5	2.8	yes	66	B
170	64.2	64.2	68.3	4.1	yes	66	B
171	66.7	66.6	70.4	3.7	yes	66	B
172	67.7	67.6	71.5	3.8	yes	66	B
173	66.9	66.9	70	3.1	yes	66	B
174	69.3	69.3	72.1	2.8	yes	66	B
175	70.5	70.5	73.2	2.7	yes	66	B
176	64.4	64.3	68.5	4.1	yes	66	B
177	67	66.9	70.7	3.7	yes	66	B
178	68.4	68.4	72.4	4	yes	66	B
179	67	67	70.1	3.1	yes	66	B
180	65.6	65.5	69.5	3.9	yes	66	C
181	69.5	69.4	72.3	2.8	yes	66	B
182	67.2	67.2	71	3.8	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
I83	70.5	70.4	74.3	3.8	yes	66	B
I84	69.7	69.7	72.5	2.8	yes	66	B
I85	73	73	75.2	2.2	yes	66	B
I86	70.4	70.4	74.3	3.9	yes	66	B
I87	73.1	73	75.3	2.2	yes	66	B
I88	70.7	70.6	74.5	3.8	yes	66	B
I89	73.3	73.3	75.4	2.1	yes	66	B
I90	70.6	70.6	74.5	3.9	yes	66	B
I91	73.3	73.2	75.4	2.1	yes	66	B
I92	71	71	73.6	2.6	yes	66	B
I93	68.9	68.8	73	4.1	yes	66	B
I94	71.9	71.9	74.4	2.5	yes	66	B
I95	69.8	69.8	73.8	4	yes	66	B
I96	73.1	73	75.3	2.2	yes	66	B
I97	69.6	69.5	72.3	2.7	yes	66	B
I98	67.4	67.4	71.1	3.7	yes	66	B
I99	70.2	70.1	72.9	2.7	yes	66	B
I100	67.9	67.9	71.7	3.8	yes	66	B
I101	70.8	70.7	73.4	2.6	yes	66	B
I102	71.2	71.2	74.9	3.7	yes	66	B
I103	68.5	68.5	72.5	4	yes	66	B
I104	70.5	70.5	73.1	2.6	yes	66	B
I105	68.5	68.5	72.4	3.9	yes	66	B
I106	71.5	71.5	74	2.5	yes	66	B
I107	69.5	69.4	73.5	4	yes	66	B
I108	73.6	73.6	RELOCATION			66	B
I109	72.8	72.8	75	2.2	yes	66	B
I110	75.8	75.8	RELOCATION			66	B
I111	73.6	73.6	RELOCATION			66	B
I112	71.1	71	74.7	3.6	yes	66	B
I113	75.7	75.6	RELOCATION			66	B
I114	73.3	73.3	RELOCATION			66	B
I115	75.5	75.5	RELOCATION			66	B
I116	64.4	64	67.7	3.3	yes	66	B
I117	67	66.6	69.1	2.1	yes	66	B
I118	64.5	64.1	67.8	3.3	yes	66	B
I119	66.8	66.5	68.9	2.1	yes	66	B
I120	69.1	68.8	71.1	2	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
I121	66.7	66.3	69.5	2.8	yes	66	B
I122	66.3	66	69.3	3	yes	66	B
I123	68.9	68.6	70.8	1.9	yes	66	B
I124	64.4	64	67.7	3.3	yes	66	B
I125	64.6	64.2	67.8	3.2	yes	66	B
I126	64.8	64.4	68	3.2	yes	66	B
I127	65.1	64.7	68.2	3.1	yes	66	B
I128	65.4	64.9	68.4	3	yes	66	B
I129	69.3	69	72.1	2.8	yes	66	B
I130	68.9	68.6	71.7	2.8	yes	66	B
I131	71.7	71.4	73.6	1.9	yes	66	B
I132	71.4	71.1	73.3	1.9	yes	66	B
I133	65.8	65.3	68.7	2.9	yes	66	B
I134	66.2	65.7	69	2.8	yes	66	B
I135	67.5	67.1	69.5	2	yes	66	B
I136	65.1	64.6	68.2	3.1	yes	66	B
I137	66.5	66	69.3	2.8	yes	66	B
I138	68	67.5	69.9	1.9	yes	66	B
I139	65.5	65	68.5	3	yes	66	B
I140	66.9	66.5	69.7	2.8	yes	66	B
I141	67.2	66.8	69.9	2.7	yes	66	B
I142	68.7	68.3	70.7	2	yes	66	B
I143	66.2	65.8	69.1	2.9	yes	66	B
I144	73.9	73.6	RELOCATION			66	B
I145	67.6	67.1	70.2	2.6	yes	66	B
I146	73.4	73.1	RELOCATION			66	B
I147	75.7	75.5	RELOCATION			66	B
I148	75.3	75	RELOCATION			66	B
I149	69.1	68.7	71.1	2	yes	66	B
I150	66.7	66.2	69.5	2.8	yes	66	B
I151	67.9	67.5	70.6	2.7	yes	66	B
I152	67.9	67.4	69.9	2	yes	66	B
I153	68.3	67.8	70.9	2.6	yes	66	B
I154	65.4	64.9	68.4	3	yes	66	B
I155	68.7	68.2	71.3	2.6	yes	66	B
I156	68.3	67.9	70.3	2	yes	66	B
I157	65.9	65.4	68.8	2.9	yes	66	B
I158	69.1	68.7	71.8	2.7	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
I159	69.1	68.6	71.1	2	yes	66	B
I160	69.7	69.2	72.4	2.7	yes	66	B
I161	66.7	66.2	69.5	2.8	yes	66	B
I162	69.5	69	71.4	1.9	yes	66	B
I163	67.1	66.6	69.8	2.7	yes	66	B
I164	71	70.6	RELOCATION			66	B
I165	71.8	71.4	RELOCATION			66	B
I166	72.4	72	RELOCATION			66	B
I167	73.1	72.8	RELOCATION			66	B
I168	70.1	69.6	72.7	2.6	yes	66	B
I169	70.4	70	73.1	2.7	yes	66	B
I170	66.4	66	69.7	3.3	no	71	E
I171	60.9	61.1	62.3	1.4	no	66	B
I172	58.4	58.5	60.4	2	no	66	B
J1	66.8	66.3	68.5	1.7	yes	66	B
J2	68.4	67.7	69.6	1.2	yes	66	B
J3	69.4	68.7	70.6	1.2	yes	66	B
J4	70.7	70	71.8	1.1	yes	66	B
J5	70.3	69.7	71.3	1	yes	66	B
J6	71.7	71.1	72.6	0.9	yes	66	B
J7	65	64.7	67.1	2.1	yes	66	B
J8	64.9	64.6	67	2.1	yes	66	B
J9	64.7	64.3	66.7	2	yes	66	B
J10	64.5	64.1	66.5	2	yes	66	B
J11	64.4	64	66.5	2.1	yes	66	B
J12	64.1	63.8	66.2	2.1	yes	66	B
J15	67.4	66.8	68.8	1.4	yes	66	B
J16	67.3	66.7	68.7	1.4	yes	66	B
J17	67	66.4	68.4	1.4	yes	66	B
J18	66.7	66.2	68.1	1.4	yes	66	B
J19	66.7	66.1	68.1	1.4	yes	66	B
J20	66.4	65.8	67.8	1.4	yes	66	B
J23	68.5	67.9	69.7	1.2	yes	66	B
J24	68.3	67.8	69.5	1.2	yes	66	B
J25	68.1	67.6	69.3	1.2	yes	66	B
J26	67.9	67.3	69.1	1.2	yes	66	B
J27	67.8	67.3	69.1	1.3	yes	66	B
J28	67.6	67.1	68.9	1.3	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J31	66.1	66.1	69.3	3.2	yes	66	B
J32	68.9	68.9	72.2	3.3	yes	66	B
J33	66.3	66.3	69.9	3.6	yes	66	B
J34	72.9	72.8	75.2	2.3	yes	66	B
J35	74.9	74.8	76.8	1.9	yes	66	B
J36	72.7	72.6	75	2.3	yes	66	B
J37	74.7	74.6	76.7	2	yes	66	B
J38	72.5	72.4	74.9	2.4	yes	66	B
J39	74.6	74.5	76.5	1.9	yes	66	B
J40	72.5	72.3	74.8	2.3	yes	66	B
J41	74.5	74.4	76.4	1.9	yes	66	B
J42	69.4	69.3	71.8	2.4	yes	66	B
J43	72.4	72.3	74.8	2.4	yes	66	B
J44	74.5	74.4	76.4	1.9	yes	66	B
J45	71.9	71.7	73.6	1.7	yes	66	B
J46	72.3	72.2	74.7	2.4	yes	66	B
J47	69.1	69	71.5	2.4	yes	66	B
J48	74.5	74.3	76.4	1.9	yes	66	B
J49	71.7	71.6	73.5	1.8	yes	66	B
J50	72.1	71.9	74.4	2.3	yes	66	B
J51	69	68.9	71.5	2.5	yes	66	B
J52	74.3	74.1	76.1	1.8	yes	66	B
J53	71.9	71.8	74.3	2.4	yes	66	B
J54	71.6	71.4	73.3	1.7	yes	66	B
J55	68.8	68.7	71.3	2.5	yes	66	B
J56	71.5	71.3	73.2	1.7	yes	66	B
J57	74	73.8	75.7	1.7	yes	66	B
J58	68.8	68.6	71.3	2.5	yes	66	B
J59	71.4	71.3	73.1	1.7	yes	66	B
J60	68.6	68.4	71.1	2.5	yes	66	B
J61	71.4	71.3	73.8	2.4	yes	66	B
J62	71.3	71.1	73	1.7	yes	66	B
J63	73.7	73.6	75.4	1.7	yes	66	B
J64	68.4	68.3	70.9	2.5	yes	66	B
J65	66.4	66.3	69.2	2.8	yes	66	B
J66	71.4	71.2	73.7	2.3	yes	66	B
J67	71.1	70.9	72.8	1.7	yes	66	B
J68	69.2	69	71	1.8	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J69	73.7	73.5	75.3	1.6	yes	66	B
J70	68.2	68.1	70.7	2.5	yes	66	B
J71	66.3	66.2	69.1	2.8	yes	66	B
J72	71.3	71.1	73.6	2.3	yes	66	B
J73	70.9	70.7	72.6	1.7	yes	66	B
J74	69.1	68.9	70.9	1.8	yes	66	B
J75	73.6	73.5	75.3	1.7	yes	66	B
J76	66.3	66.1	69	2.7	yes	66	B
J77	71.2	71	73.5	2.3	yes	66	B
J78	69	68.8	70.9	1.9	yes	66	B
J79	73.6	73.4	75.2	1.6	yes	66	B
J80	66.1	66	68.9	2.8	yes	66	B
J81	71.2	70.9	73.4	2.2	yes	66	B
J82	68.9	68.7	70.7	1.8	yes	66	B
J83	73.4	73.2	75	1.6	yes	66	B
J84	71.1	70.9	73.3	2.2	yes	66	B
J85	66.1	66	68.9	2.8	yes	66	B
J86	64.6	64.5	67.6	3	yes	66	B
J87	73.4	73.2	75	1.6	yes	66	B
J88	67.1	67	69.1	2	yes	66	B
J89	68.9	68.7	70.7	1.8	yes	66	B
J90	64.5	64.4	67.5	3	yes	66	B
J91	66	65.9	68.8	2.8	yes	66	B
J92	67.1	66.9	69.1	2	yes	66	B
J93	68.8	68.6	70.6	1.8	yes	66	B
J94	64.5	64.4	67.5	3	yes	66	B
J95	65.9	65.8	68.7	2.8	yes	66	B
J96	67.1	66.9	69.1	2	yes	66	B
J97	68.7	68.5	70.5	1.8	yes	66	B
J98	64.5	64.4	67.5	3	yes	66	B
J99	67.9	67.7	70.2	2.3	yes	66	C
J100	65.9	65.7	68.6	2.7	yes	66	B
J101	67.1	66.9	69	1.9	yes	66	B
J102	64.5	64.4	67.4	2.9	yes	66	B
J103	68.6	68.4	70.4	1.8	yes	66	B
J104	66.5	66.4	69.1	2.6	yes	66	B
J105	67.1	66.9	69	1.9	yes	66	B
J106	69.3	69.1	71.1	1.8	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J107	70.4	70.2	71.8	1.4	yes	66	B
J108	64.5	64.4	67.4	2.9	yes	66	B
J109	66.5	66.3	69.1	2.6	yes	66	B
J110	67	66.8	69	2	yes	66	B
J111	69.3	69	71	1.7	yes	66	B
J112	70.3	70.1	71.7	1.4	yes	66	B
J113	64.5	64.3	67.3	2.8	yes	66	B
J114	66.5	66.3	69	2.5	yes	66	B
J115	67	66.7	68.9	1.9	yes	66	B
J116	69.2	69	71	1.8	yes	66	B
J117	70.3	70	71.7	1.4	yes	66	B
J118	64.4	64.3	67.3	2.9	yes	66	B
J119	66.4	66.2	69	2.6	yes	66	B
J120	66.8	66.6	68.8	2	yes	66	B
J121	69.2	68.9	70.9	1.7	yes	66	B
J122	70.2	70	71.6	1.4	yes	66	B
J123	66.4	66.2	68.9	2.5	yes	66	B
J124	69.1	68.9	70.8	1.7	yes	66	B
J125	70.1	69.9	71.5	1.4	yes	66	B
J126	64.3	64.2	67.1	2.8	yes	66	B
J127	66.8	66.6	68.8	2	yes	66	B
J128	66.3	66.1	68.8	2.5	yes	66	B
J129	69.1	68.8	70.8	1.7	yes	66	B
J130	70.1	69.9	71.5	1.4	yes	66	B
J131	64.4	64.2	67.2	2.8	yes	66	B
J132	66.7	66.5	69.1	2.4	yes	66	B
J133	66.8	66.6	68.8	2	yes	66	B
J134	69.5	69.2	71.1	1.6	yes	66	B
J135	70.5	70.3	71.9	1.4	yes	66	B
J136	64.4	64.2	67.1	2.7	yes	66	B
J137	72.1	71.6	73.8	1.7	yes	66	B
J138	66.8	66.6	68.7	1.9	yes	66	B
J139	66.8	66.5	69.1	2.3	yes	66	B
J140	74.2	73.8	75.6	1.4	yes	66	B
J141	69.5	69.2	71.2	1.7	yes	66	B
J142	70.6	70.3	71.9	1.3	yes	66	B
J143	64.4	64.2	67.1	2.7	yes	66	B
J144	72.1	71.6	73.8	1.7	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J145	66.8	66.6	68.8	2	yes	66	B
J146	74.3	73.8	75.6	1.3	yes	66	B
J147	66.8	66.5	69.1	2.3	yes	66	B
J148	64.4	64.2	67.1	2.7	yes	66	B
J149	72.2	71.7	73.9	1.7	yes	66	B
J150	66.8	66.6	68.8	2	yes	66	B
J151	69.5	69.2	71.1	1.6	yes	66	B
J152	70.6	70.3	71.8	1.2	yes	66	B
J153	74.4	73.9	75.7	1.3	yes	66	B
J154	66.8	66.6	69.1	2.3	yes	66	B
J155	64.4	64.3	67.1	2.7	yes	66	B
J156	72.3	71.7	73.9	1.6	yes	66	B
J157	66.9	66.6	68.8	1.9	yes	66	B
J158	69.5	69.2	71.1	1.6	yes	66	B
J159	70.5	70.2	71.8	1.3	yes	66	B
J160	74.4	73.9	75.7	1.3	yes	66	B
J161	64.4	64.3	67.1	2.7	yes	66	B
J162	66.8	66.5	69.1	2.3	yes	66	B
J163	72.4	71.8	73.9	1.5	yes	66	B
J164	66.9	66.6	68.8	1.9	yes	66	B
J165	69.5	69.1	71.1	1.6	yes	66	B
J166	70.5	70.2	71.8	1.3	yes	66	B
J167	74.4	73.8	75.6	1.2	yes	66	B
J168	64.4	64.3	67.1	2.7	yes	66	B
J169	66.8	66.5	69.1	2.3	yes	66	B
J170	72.4	71.8	73.9	1.5	yes	66	B
J171	66.9	66.6	68.7	1.8	yes	66	B
J172	69.5	69.1	71	1.5	yes	66	B
J173	70.5	70.2	71.7	1.2	yes	66	B
J174	74.4	73.8	75.6	1.2	yes	66	B
J175	64.7	64.5	67.3	2.6	yes	66	B
J176	66.9	66.6	69.1	2.2	yes	66	B
J177	67.1	66.8	68.9	1.8	yes	66	B
J178	69.6	69.2	71.1	1.5	yes	66	B
J179	64.7	64.5	67.3	2.6	yes	66	B
J180	73	72.3	74.3	1.3	yes	66	B
J181	66.8	66.5	69	2.2	yes	66	B
J182	67.2	66.9	68.9	1.7	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J183	74.8	74.2	76	1.2	yes	66	B
J184	69.5	69.1	71	1.5	yes	66	B
J185	66.8	66.5	69	2.2	yes	66	B
J186	72.7	72	74	1.3	yes	66	B
J187	64.5	64.3	67.1	2.6	yes	66	B
J188	66.9	66.6	68.7	1.8	yes	66	B
J189	69.5	69.1	71	1.5	yes	66	B
J190	74.5	73.9	75.6	1.1	yes	66	B
J191	66.9	66.6	69	2.1	yes	66	B
J192	64.5	64.3	67.1	2.6	yes	66	B
J193	69.6	69.2	71	1.4	yes	66	B
J194	72.4	71.7	73.7	1.3	yes	66	B
J195	66.9	66.6	68.7	1.8	yes	66	B
J196	64.6	64.4	67.2	2.6	yes	66	B
J197	74.3	73.6	75.3	1	yes	66	B
J198	64.7	64.5	67.3	2.6	yes	66	B
J199	67.1	66.8	68.8	1.7	yes	66	B
J200	64.9	64.6	67.4	2.5	yes	66	B
J201	67.2	66.9	68.9	1.7	yes	66	B
J202	72.1	71.4	73.4	1.3	yes	66	B
J203	67.4	67.1	69.1	1.7	yes	66	B
J204	64.9	64.7	67.4	2.5	yes	66	B
J205	74	73.4	75	1	yes	66	B
J206	67.5	67.1	69.1	1.6	yes	66	B
J207	66.9	66.6	69	2.1	yes	66	B
J208	64.9	64.7	67.4	2.5	yes	66	B
J209	67.4	67	69	1.6	yes	66	B
J210	69.6	69.1	70.9	1.3	yes	66	B
J211	64.9	64.7	67.4	2.5	yes	66	B
J212	67.5	67.1	69	1.5	yes	66	B
J213	66.9	66.5	68.9	2	yes	66	B
J214	64.9	64.7	67.4	2.5	yes	66	B
J215	67.5	67	69	1.5	yes	66	B
J216	69.5	69	70.8	1.3	yes	66	B
J217	65	64.7	67.4	2.4	yes	66	B
J218	67.5	67	69	1.5	yes	66	B
J219	66.9	66.5	68.8	1.9	yes	66	B
J220	65	64.7	67.4	2.4	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J221	67.5	67.1	69.1	1.6	yes	66	B
J222	65	64.8	67.4	2.4	yes	66	B
J223	69.5	69	70.8	1.3	yes	66	B
J224	67.5	67.1	69	1.5	yes	66	B
J225	66.9	66.4	68.8	1.9	yes	66	B
J226	65	64.7	67.4	2.4	yes	66	B
J227	67.5	67.1	69	1.5	yes	66	B
J228	65.1	64.8	67.4	2.3	yes	66	B
J229	69.4	68.9	70.7	1.3	yes	66	B
J230	67.5	67.1	69	1.5	yes	66	B
J231	65.2	64.9	67.4	2.2	yes	66	B
J232	67.6	67.2	69.1	1.5	yes	66	B
J233	65.2	64.8	67.4	2.2	yes	66	B
J234	65.2	64.9	67.5	2.3	yes	66	B
J235	67.6	67.1	69	1.4	yes	66	B
J236	67.7	67.2	69.1	1.4	yes	66	B
J237	65.3	64.9	67.5	2.2	yes	66	B
J238	67.8	67.2	69.1	1.3	yes	66	B
J239	68.5	67.9	69.8	1.3	yes	66	B
J240	70.9	70.2	72	1.1	yes	66	B
J241	71.9	71.3	72.8	0.9	yes	66	B
J242	68.5	67.9	69.8	1.3	yes	66	B
J243	70.9	70.2	71.9	1	yes	66	B
J244	71.9	71.2	72.7	0.8	yes	66	B
J245	67.2	66.7	68.9	1.7	yes	66	B
J246	68.4	67.8	69.7	1.3	yes	66	B
J247	69.8	69.1	70.9	1.1	yes	66	B
J248	70.7	70.1	71.7	1	yes	66	B
J249	70.8	70.1	71.8	1	yes	66	B
J250	71.8	71.1	72.6	0.8	yes	66	B
J251	67.1	66.6	68.8	1.7	yes	66	B
J252	68.1	67.5	69.5	1.4	yes	66	B
J253	69.7	69	70.8	1.1	yes	66	B
J254	70.6	70	71.5	0.9	yes	66	B
J255	70.6	69.9	71.6	1	yes	66	B
J256	71.5	70.9	72.4	0.9	yes	66	B
J257	67.1	66.5	68.7	1.6	yes	66	B
J258	69.6	69	70.8	1.2	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J259	70.6	70	71.5	0.9	yes	66	B
J260	68.1	67.4	69.4	1.3	yes	66	B
J261	67	66.5	68.7	1.7	yes	66	B
J262	69.6	68.9	70.7	1.1	yes	66	B
J263	70.5	69.9	71.5	1	yes	66	B
J264	70.5	69.8	71.6	1.1	yes	66	B
J265	71.5	70.8	72.3	0.8	yes	66	B
J266	66.8	66.3	68.5	1.7	yes	66	B
J267	67.9	67.3	69.3	1.4	yes	66	B
J268	69.4	68.7	70.5	1.1	yes	66	B
J269	70.3	69.6	71.2	0.9	yes	66	B
J270	70.4	69.7	71.5	1.1	yes	66	B
J271	71.3	70.7	72.2	0.9	yes	66	B
J272	66.7	66.2	68.4	1.7	yes	66	B
J273	67.9	67.3	69.3	1.4	yes	66	B
J274	70.4	69.7	71.5	1.1	yes	66	B
J275	71.3	70.7	72.2	0.9	yes	66	B
J276	69.3	68.6	70.4	1.1	yes	66	B
J277	70.2	69.5	71.2	1	yes	66	B
J278	67.8	67.2	69.2	1.4	yes	66	B
J279	70.3	69.6	71.4	1.1	yes	66	B
J280	71.3	70.6	72.1	0.8	yes	66	B
J281	66.6	66.1	68.4	1.8	yes	66	B
J282	67.9	67.2	69.2	1.3	yes	66	B
J283	69.2	68.6	70.4	1.2	yes	66	B
J284	70.1	69.5	71.1	1	yes	66	B
J285	70.3	69.6	71.4	1.1	yes	66	B
J286	71.3	70.6	72.1	0.8	yes	66	B
J287	66.7	66.2	68.4	1.7	yes	66	B
J288	67.8	67.2	69.2	1.4	yes	66	B
J289	69.3	68.6	70.4	1.1	yes	66	B
J290	70.2	69.6	71.2	1	yes	66	B
J291	66.7	66.1	68.4	1.7	yes	66	B
J292	70.3	69.6	71.4	1.1	yes	66	B
J293	71.2	70.6	72.1	0.9	yes	66	B
J294	69.3	68.6	70.4	1.1	yes	66	B
J295	70.2	69.5	71.1	0.9	yes	66	B
J296	67.7	67.1	69.1	1.4	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
J297	70.2	69.5	71.3	1.1	yes	66	B
J298	71.1	70.5	72	0.9	yes	66	B
J299	66.6	66.1	68.3	1.7	yes	66	B
J300	69.2	68.5	70.3	1.1	yes	66	B
J301	70.1	69.4	71.1	1	yes	66	B
J302	66.5	66	68.3	1.8	yes	66	B
J303	69.2	68.5	70.3	1.1	yes	66	B
J304	70	69.4	71	1	yes	66	B
J305	47.6	47.3	46.4	-1.2	no	51	D
K1	62.2	62.2	64.8	2.6	no	66	B
K2	62.6	62.6	65.2	2.6	no	66	B
K3	63	63	65.5	2.5	no	66	B
K4	63.4	63.4	65.9	2.5	no	66	B
K5	63.7	63.6	66.1	2.4	yes	66	B
K6	63.7	63.6	66	2.3	yes	66	B
K7	64	63.9	66.2	2.2	yes	66	B
K8	63.9	63.8	66.1	2.2	yes	66	B
K9	63.8	63.7	66.1	2.3	yes	66	B
K10	63.5	63.5	65.8	2.3	no	66	B
K11	63.1	63	65.4	2.3	no	66	B
K14	61.5	61.5	63.3	1.8	no	66	B
K15	62.6	62.6	64.1	1.5	no	66	B
K17	63	63	64.2	1.2	no	66	B
K18	62	62	63.2	1.2	no	66	B
K24	66.7	66.6	68.8	2.1	yes	66	B
K25	69.2	69.1	70.5	1.3	yes	66	B
K26	66.7	66.7	68.9	2.2	yes	66	B
K27	69.3	69.2	70.5	1.2	yes	66	B
K28	65.5	65.4	67.7	2.2	yes	66	B
K29	68	67.9	69.2	1.2	yes	66	B
K30	65.6	65.5	67.8	2.2	yes	66	B
K31	68.1	68	69.3	1.2	yes	66	B
K32	65.1	65	67.3	2.2	yes	66	B
K33	67.5	67.4	68.7	1.2	yes	66	B
K34	65	65	67.2	2.2	yes	66	B
K35	67.4	67.3	68.6	1.2	yes	66	B
K36	65.9	65.8	68	2.1	yes	66	C
K37	67.8	67.8	69.1	1.3	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K38	65.3	65.3	67.5	2.2	yes	66	B
K39	67.8	67.7	69	1.2	yes	66	B
K40	65.3	65.2	67.5	2.2	yes	66	B
K41	67.4	67.3	68.6	1.2	yes	66	B
K42	64.9	64.8	67.1	2.2	yes	66	B
K43	67.3	67.2	68.6	1.3	yes	66	B
K44	64.8	64.7	67	2.2	yes	66	B
K45	67.3	67.2	68.5	1.2	yes	66	B
K46	64.7	64.7	67	2.3	yes	66	B
K47	67.2	67.1	68.4	1.2	yes	66	B
K48	64.7	64.6	66.9	2.2	yes	66	B
K49	66.8	66.8	68.1	1.3	yes	66	B
K50	64.3	64.2	66.6	2.3	yes	66	B
K51	66.8	66.7	68	1.2	yes	66	B
K52	64.2	64.1	66.5	2.3	yes	66	B
K53	66.4	66.3	67.7	1.3	yes	66	B
K54	63.8	63.7	66.1	2.3	yes	66	B
K55	66.3	66.3	67.6	1.3	yes	66	B
K56	63.7	63.7	66	2.3	yes	66	B
K57	66.7	66.7	68	1.3	yes	66	B
K58	64.2	64.1	66.5	2.3	yes	66	B
K59	66.7	66.6	67.9	1.2	yes	66	B
K60	64.1	64.1	66.4	2.3	yes	66	B
K61	66.2	66.1	67.4	1.2	yes	66	B
K62	63.7	63.6	65.9	2.2	no	66	B
K63	66.4	66.3	67.6	1.2	yes	66	B
K64	63.9	63.9	66.2	2.3	yes	66	B
K65	66.1	66	67.3	1.2	yes	66	B
K66	63.6	63.5	65.8	2.2	no	66	B
K67	66.3	66.3	67.6	1.3	yes	66	B
K68	63.9	63.8	66.2	2.3	yes	66	B
K69	62.9	62.8	65	2.1	no	66	C
K70	64.9	64.9	67.2	2.3	yes	66	B
K71	67.4	67.3	68.7	1.3	yes	66	B
K72	64.6	64.6	66.9	2.3	yes	66	B
K73	67.1	67.1	68.4	1.3	yes	66	B
K74	64.3	64.2	66.5	2.2	yes	66	B
K75	66.8	66.7	68.1	1.3	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K76	64.1	64	66.3	2.2	yes	66	B
K77	66.6	66.5	67.9	1.3	yes	66	B
K78	64.4	64.4	66.7	2.3	yes	66	B
K79	66.9	66.8	68.2	1.3	yes	66	B
K80	64.2	64.1	66.4	2.2	yes	66	B
K81	66.7	66.6	68	1.3	yes	66	B
K82	63.8	63.7	66	2.2	yes	66	B
K83	66.4	66.3	67.6	1.2	yes	66	B
K84	63.6	63.5	65.8	2.2	no	66	B
K85	66.1	66	67.3	1.2	yes	66	B
K86	63.6	63.6	65.8	2.2	no	66	B
K87	66.2	66.2	67.4	1.2	yes	66	B
K88	63.5	63.5	65.7	2.2	no	66	B
K89	66.2	66.1	67.4	1.2	yes	66	B
K90	63.5	63.4	65.6	2.1	no	66	B
K91	66.1	66	67.3	1.2	yes	66	B
K92	63.5	63.4	65.6	2.1	no	66	B
K93	66.1	66	67.3	1.2	yes	66	B
K94	63.1	63.1	65.3	2.2	no	66	B
K95	65.8	65.7	67	1.2	yes	66	B
K96	63.1	63	65.3	2.2	no	66	B
K97	65.7	65.7	66.9	1.2	yes	66	B
K98	63	63	65.2	2.2	no	66	B
K99	65.7	65.6	66.9	1.2	yes	66	B
K100	63	63	65.2	2.2	no	66	B
K101	65.7	65.6	66.8	1.1	yes	66	B
K102	64.5	64.4	RELOCATION			66	B
K103	67.2	67	RELOCATION			66	B
K104	64.6	64.5	RELOCATION			66	B
K105	67.3	67.1	RELOCATION			66	B
K106	64.9	64.8	RELOCATION			66	B
K107	67.5	67.4	RELOCATION			66	B
K108	65	65	RELOCATION			66	B
K109	67.7	67.6	RELOCATION			66	B
K110	63.5	63.5	65.5	2	no	66	B
K111	66.3	66.2	67.3	1	yes	66	B
K112	63.6	63.6	65.6	2	no	66	B
K113	66.4	66.3	67.4	1	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K114	63.9	63.9	65.8	1.9	no	66	B
K115	66.6	66.5	67.7	1.1	yes	66	B
K116	64.1	64.1	66	1.9	yes	66	B
K117	66.8	66.6	67.9	1.1	yes	66	B
K118	63.2	63.1	65.2	2	no	66	B
K119	65.9	65.8	67	1.1	yes	66	B
K120	63.3	63.2	65.3	2	no	66	B
K121	66.1	65.9	67.1	1	yes	66	B
K122	63.6	63.5	65.5	1.9	no	66	B
K123	66.3	66.2	67.3	1	yes	66	B
K124	63.8	63.7	65.6	1.8	no	66	B
K125	66.5	66.4	67.5	1	yes	66	B
K126	68.9	68.8	70.2	1.3	yes	66	B
K127	66.6	66.6	68.8	2.2	yes	66	B
K128	68.9	68.8	70.2	1.3	yes	66	B
K129	69.8	69.7	71.1	1.3	yes	66	B
K130	66.6	66.6	68.8	2.2	yes	66	B
K131	67.6	67.6	69.7	2.1	yes	66	B
K132	70.3	70.2	71.7	1.4	yes	66	B
K133	68.2	68.1	70.1	1.9	yes	66	B
K134	69.8	69.8	71.1	1.3	yes	66	B
K135	67.8	67.7	69.7	1.9	yes	66	B
K136	68.6	68.5	69.8	1.2	yes	66	B
K137	70.5	70.4	71.9	1.4	yes	66	B
K138	66.1	66	68.3	2.2	yes	66	B
K139	71.4	71.3	73	1.6	yes	66	B
K140	68.5	68.4	70.3	1.8	yes	66	B
K141	68.5	68.4	69.7	1.2	yes	66	B
K142	69.6	69.5	71.3	1.7	yes	66	B
K143	66	66	68.3	2.3	yes	66	B
K144	70.1	70	RELOCATION			66	B
K145	71.3	71.3	72.9	1.6	yes	66	B
K146	72	71.9	RELOCATION			66	B
K147	69.5	69.5	71.2	1.7	yes	66	B
K148	70	69.9	RELOCATION			66	B
K149	71.9	71.8	RELOCATION			66	B
K150	71.7	71.6	RELOCATION			66	B
K151	70	69.9	RELOCATION			66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K152	73.3	73.3	RELOCATION			66	B
K153	69.4	69.3	70.6	1.2	yes	66	B
K154	71.9	71.9	RELOCATION			66	B
K155	67	67	69.1	2.1	yes	66	B
K156	70	70	71.4	1.4	yes	66	B
K157	69.3	69.2	70.5	1.2	yes	66	B
K158	71.6	71.5	RELOCATION			66	B
K159	66.9	66.8	69	2.1	yes	66	B
K160	67.8	67.7	69.8	2	yes	66	B
K161	73.3	73.3	RELOCATION			66	B
K162	70	69.9	RELOCATION			66	B
K163	69.9	69.9	71.3	1.4	yes	66	B
K164	71.6	71.5	RELOCATION			66	B
K165	72	71.9	RELOCATION			66	B
K166	67.7	67.6	69.7	2	yes	66	B
K167	73.3	73.3	RELOCATION			66	B
K168	70	69.9	RELOCATION			66	B
K169	72	71.9	RELOCATION			66	B
K170	71.6	71.5	RELOCATION			66	B
K171	73.4	73.3	RELOCATION			66	B
K172	70	69.9	RELOCATION			66	B
K173	71.6	71.5	RELOCATION			66	B
K174	72	71.9	RELOCATION			66	B
K175	73.3	73.2	RELOCATION			66	B
K176	65.9	65.9	68.2	2.3	yes	66	B
K177	68.4	68.4	69.7	1.3	yes	66	B
K178	65.9	65.8	68.1	2.2	yes	66	B
K179	68.4	68.3	69.6	1.2	yes	66	B
K180	71.6	71.5	RELOCATION			66	B
K181	69.9	69.8	RELOCATION			66	B
K182	73.2	73.2	RELOCATION			66	B
K183	71.8	71.7	RELOCATION			66	B
K184	69.9	69.8	RELOCATION			66	B
K185	71.8	71.7	RELOCATION			66	B
K186	67.4	67.3	69.4	2	yes	66	B
K187	71.1	71	RELOCATION			66	B
K188	72.8	72.7	RELOCATION			66	B
K189	65.5	65.4	67.7	2.2	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K190	69.8	69.8	71.2	1.4	yes	66	B
K191	68	67.9	69.2	1.2	yes	66	B
K192	71.1	71	RELOCATION			66	B
K193	65.4	65.3	67.6	2.2	yes	66	B
K194	67.4	67.3	69.5	2.1	yes	66	B
K195	69.8	69.7	71.2	1.4	yes	66	B
K196	72.9	72.8	RELOCATION			66	B
K197	67.9	67.8	69.2	1.3	yes	66	B
K198	68.3	68.2	70.2	1.9	yes	66	B
K199	70.6	70.5	72	1.4	yes	66	B
K200	68.3	68.2	70.2	1.9	yes	66	B
K201	70.5	70.4	72	1.5	yes	66	B
K202	69.1	69.1	RELOCATION			66	B
K203	71.2	71.1	RELOCATION			66	B
K204	69.2	69.1	RELOCATION			66	B
K205	66	66	68.3	2.3	yes	66	B
K206	71.3	71.3	RELOCATION			66	B
K207	68.6	68.5	69.9	1.3	yes	66	B
K208	66	65.9	68.2	2.2	yes	66	B
K209	68.5	68.4	69.8	1.3	yes	66	B
K210	70.7	70.6	RELOCATION			66	B
K211	72.5	72.4	RELOCATION			66	B
K212	70.7	70.6	RELOCATION			66	B
K213	66.7	66.7	68.9	2.2	yes	66	B
K214	72.5	72.4	RELOCATION			66	B
K215	69.2	69.1	70.6	1.4	yes	66	B
K216	66.6	66.6	68.8	2.2	yes	66	B
K217	69.1	69.1	70.5	1.4	yes	66	B
K218	67.3	67.1	RELOCATION			66	B
K219	64.5	64.4	RELOCATION			66	B
K220	65.5	65.4	RELOCATION			66	B
K221	67.8	67.6	RELOCATION			66	B
K222	65	65	RELOCATION			66	B
K223	68.8	68.6	RELOCATION			66	B
K224	66	65.9	RELOCATION			66	B
K225	68.3	68.2	RELOCATION			66	B
K226	65.9	65.8	68.1	2.2	yes	66	B
K227	70.3	70.2	RELOCATION			66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K228	68.4	68.4	69.8	1.4	yes	66	B
K229	67.1	67	RELOCATION			66	B
K230	65.8	65.8	68.1	2.3	yes	66	B
K231	72.2	72.1	RELOCATION			66	B
K232	70	69.8	RELOCATION			66	B
K233	68.3	68.3	69.7	1.4	yes	66	B
K234	67.8	67.7	RELOCATION			66	B
K235	70.7	70.5	RELOCATION			66	B
K236	70	70	RELOCATION			66	B
K237	71.9	71.8	RELOCATION			66	B
K238	69	68.9	70.4	1.4	yes	66	B
K239	68.6	68.5	RELOCATION			66	B
K240	71.7	71.6	RELOCATION			66	B
K241	67.5	67.4	RELOCATION			66	B
K242	69.9	69.8	RELOCATION			66	B
K243	68	67.8	RELOCATION			66	B
K244	65.3	65.2	RELOCATION			66	B
K245	64.8	64.7	RELOCATION			66	B
K246	66.4	66.3	68.6	2.2	yes	66	B
K247	71.5	71.3	RELOCATION			66	B
K248	65.8	65.7	RELOCATION			66	B
K249	66.3	66.2	RELOCATION			66	B
K250	68.5	68.3	RELOCATION			66	B
K251	68.9	68.8	70.3	1.4	yes	66	B
K252	73.4	73.3	RELOCATION			66	B
K253	69	68.8	RELOCATION			66	B
K254	71.8	71.8	RELOCATION			66	B
K255	69.6	69.4	RELOCATION			66	B
K256	66.3	66.3	68.5	2.2	yes	66	B
K257	68.2	68.1	70.3	2.1	yes	66	C
K258	69.9	69.8	RELOCATION			66	B
K259	67.1	67	RELOCATION			66	B
K260	72.5	72.3	RELOCATION			66	B
K261	70	69.8	RELOCATION			66	B
K262	67.9	67.8	RELOCATION			66	B
K263	69.8	69.7	RELOCATION			66	B
K264	67.7	67.7	RELOCATION			66	B
K265	71.6	71.5	RELOCATION			66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K266	71.7	71.7	RELOCATION			66	B
K267	71	70.8	RELOCATION			66	B
K268	69.8	69.7	RELOCATION			66	B
K269	73.3	73.2	RELOCATION			66	B
K270	69.7	69.7	RELOCATION			66	B
K271	71.5	71.4	RELOCATION			66	B
K272	68.9	68.8	RELOCATION			66	B
K273	71.7	71.6	RELOCATION			66	B
K274	71.9	71.7	RELOCATION			66	B
K275	73.3	73.2	RELOCATION			66	B
K276	67.7	67.6	RELOCATION			66	B
K277	69.9	69.7	RELOCATION			66	B
K278	70.9	70.8	RELOCATION			66	B
K279	71.4	71.3	RELOCATION			66	B
K280	72.9	72.7	RELOCATION			66	B
K281	69.7	69.6	RELOCATION			66	B
K282	71.7	71.6	RELOCATION			66	B
K283	73.1	73.1	RELOCATION			66	B
K284	69	68.9	RELOCATION			66	B
K285	70.7	70.6	RELOCATION			66	B
K286	71.3	71.2	RELOCATION			66	B
K287	73.1	73	RELOCATION			66	B
K288	68.7	68.6	RELOCATION			66	B
K289	66	65.9	RELOCATION			66	B
K290	67.1	67	68.4	1.3	yes	66	B
K291	64.6	64.6	66.8	2.2	yes	66	B
K292	68.9	68.7	RELOCATION			66	B
K293	66.5	66.4	RELOCATION			66	B
K294	67.4	67.3	68.7	1.3	yes	66	B
K295	64.9	64.9	67.1	2.2	yes	66	B
K296	69.3	69.2	RELOCATION			66	B
K297	67.7	67.6	69	1.3	yes	66	B
K298	71.3	71.2	RELOCATION			66	B
K299	67	66.9	RELOCATION			66	B
K300	69.9	69.8	RELOCATION			66	B
K301	73	72.9	RELOCATION			66	B
K302	65.3	65.2	67.5	2.2	yes	66	B
K303	67.7	67.6	RELOCATION			66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K304	68	67.9	69.4	1.4	yes	66	B
K305	65.6	65.6	67.8	2.2	yes	66	B
K306	70.8	70.6	RELOCATION			66	B
K307	69.6	69.6	RELOCATION			66	B
K308	71.6	71.5	RELOCATION			66	B
K309	66.2	66.1	RELOCATION			66	B
K310	68.9	68.9	RELOCATION			66	B
K311	67.5	67.4	68.8	1.3	yes	66	B
K312	69.5	69.4	RELOCATION			66	B
K313	69	68.8	RELOCATION			66	B
K314	68.2	68.1	RELOCATION			66	B
K315	65	65	67.2	2.2	yes	66	B
K316	67.9	67.8	RELOCATION			66	B
K317	66.7	66.6	RELOCATION			66	B
K318	65.5	65.4	RELOCATION			66	B
K319	71.5	71.4	RELOCATION			66	B
K320	65.2	65.1	RELOCATION			66	B
K321	67.8	67.7	69.1	1.3	yes	66	B
K322	67.7	67.5	RELOCATION			66	B
K323	65	64.9	RELOCATION			66	B
K324	66.7	66.6	RELOCATION			66	B
K325	69.6	69.4	RELOCATION			66	B
K326	67.5	67.4	RELOCATION			66	B
K327	65.3	65.3	67.5	2.2	yes	66	B
K328	68.1	68	69.4	1.3	yes	66	B
K329	67.3	67.2	RELOCATION			66	B
K330	64.8	64.7	RELOCATION			66	B
K331	65.7	65.6	67.9	2.2	yes	66	B
K332	69.5	69.4	RELOCATION			66	B
K333	70.2	70	RELOCATION			66	B
K334	68.5	68.4	69.8	1.3	yes	66	B
K335	68	67.8	RELOCATION			66	B
K336	71	70.8	RELOCATION			66	B
K337	67.3	67.2	RELOCATION			66	B
K338	66.1	66.1	68.3	2.2	yes	66	B
K339	70.9	70.8	RELOCATION			66	B
K340	72.5	72.4	RELOCATION			66	B
K341	70.6	70.6	RELOCATION			66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K342	70.1	70	RELOCATION			66	B
K343	72.4	72.3	RELOCATION			66	B
K344	68	67.9	RELOCATION			66	B
K345	69.3	69.3	RELOCATION			66	B
K346	67.6	67.4	RELOCATION			66	B
K347	67.1	67	RELOCATION			66	B
K348	70.6	70.6	RELOCATION			66	B
K349	64.9	64.8	RELOCATION			66	B
K350	67.7	67.5	RELOCATION			66	B
K351	69.8	69.7	RELOCATION			66	B
K352	68.8	68.7	RELOCATION			66	B
K353	65	65	RELOCATION			66	B
K354	67.8	67.7	RELOCATION			66	B
K355	65.2	65.2	RELOCATION			66	B
K356	67.7	67.7	RELOCATION			66	B
K357	68	67.9	RELOCATION			66	B
K358	65.5	65.4	RELOCATION			66	B
K359	70.4	70.3	RELOCATION			66	B
K360	68.3	68.3	RELOCATION			66	B
K361	67.9	67.8	RELOCATION			66	B
K362	70.9	70.9	RELOCATION			66	B
K363	65.3	65.2	RELOCATION			66	B
K364	68	67.9	RELOCATION			66	B
K365	69.1	68.9	RELOCATION			66	B
K366	66.3	66.2	RELOCATION			66	B
K367	65.4	65.3	RELOCATION			66	B
K368	69.2	69.1	RELOCATION			66	B
K369	68.8	68.6	RELOCATION			66	B
K370	66	65.9	RELOCATION			66	B
K371	68.2	68	RELOCATION			66	B
K372	68.6	68.4	RELOCATION			66	B
K373	68.8	68.7	RELOCATION			66	B
K374	65.9	65.8	RELOCATION			66	B
K375	68.4	68.2	RELOCATION			66	B
K376	65.6	65.6	RELOCATION			66	B
K377	65.6	65.5	RELOCATION			66	B
K378	66.4	66.3	RELOCATION			66	B
K379	68.4	68.3	RELOCATION			66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
K380	69.2	69.1	RELOCATION			66	B
K381	65.9	65.8	RELOCATION			66	B
K382	66.8	66.8	RELOCATION			66	B
K383	69.6	69.5	RELOCATION			66	B
K384	67.2	67.1	RELOCATION			66	B
K385	69.9	69.8	RELOCATION			66	B
K386	69.6	69.4	RELOCATION			66	B
K387	67.7	67.6	RELOCATION			66	B
K388	66.9	66.7	RELOCATION			66	B
K389	69.3	69.1	RELOCATION			66	B
K390	66.6	66.5	RELOCATION			66	B
K391	69	68.8	RELOCATION			66	B
K392	69.3	69.1	RELOCATION			66	B
K393	66.4	66.3	RELOCATION			66	B
K394	68.8	68.7	RELOCATION			66	B
K395	66.9	66.8	RELOCATION			66	B
K396	66.2	66.1	RELOCATION			66	B
K397	69.6	69.5	RELOCATION			66	B
K398	67.2	67.1	RELOCATION			66	B
K399	70	69.9	RELOCATION			66	B
K400	67.7	67.7	RELOCATION			66	B
K401	70.4	70.3	RELOCATION			66	B
K402	68.3	68.2	RELOCATION			66	B
L1	60.9	60.9	63.6	2.7	no	66	B
L2	64	64	65.3	1.3	no	66	B
L3	61.1	61.2	63.8	2.7	no	66	B
L4	64.3	64.3	65.5	1.2	no	66	B
L5	61.6	61.6	64.1	2.5	no	66	B
L6	64.7	64.7	65.9	1.2	no	66	B
L7	61.8	61.8	64.3	2.5	no	66	B
L8	64.9	64.9	66.1	1.2	yes	66	B
L9	60.8	60.8	63.5	2.7	no	66	B
L10	63.9	63.9	65.2	1.3	no	66	B
L11	61	61	63.7	2.7	no	66	B
L12	64.1	64.2	65.4	1.3	no	66	B
L13	61.4	61.4	64	2.6	no	66	B
L14	64.5	64.5	65.8	1.3	no	66	B
L15	61.7	61.8	64.2	2.5	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
L16	64.8	64.8	66	1.2	yes	66	B
L17	60.8	60.8	63.5	2.7	no	66	B
L18	63.9	63.9	65.2	1.3	no	66	B
L19	61	61.1	63.7	2.7	no	66	B
L20	64.2	64.2	65.4	1.2	no	66	B
L21	61.4	61.4	64	2.6	no	66	B
L22	64.5	64.5	65.7	1.2	no	66	B
L23	61.7	61.7	64.2	2.5	no	66	B
L24	64.9	64.9	66	1.1	yes	66	B
L25	62.3	62.4	64.7	2.4	no	66	B
L26	65.3	65.3	66.4	1.1	yes	66	B
L27	62.5	62.6	64.9	2.4	no	66	B
L28	65.5	65.5	66.6	1.1	yes	66	B
L29	60.7	60.7	63.4	2.7	no	66	B
L30	63.8	63.8	65.1	1.3	no	66	B
L31	60.9	61	63.6	2.7	no	66	B
L32	64.1	64.1	65.3	1.2	no	66	B
L33	61.2	61.3	63.9	2.7	no	66	B
L34	64.4	64.4	65.6	1.2	no	66	B
L35	61.5	61.6	64.1	2.6	no	66	B
L36	64.6	64.6	65.8	1.2	no	66	B
L37	62	62.1	64.5	2.5	no	66	B
L38	65.1	65.1	66.2	1.1	yes	66	B
L39	62.4	62.4	64.7	2.3	no	66	B
L40	65.4	65.4	66.5	1.1	yes	66	B
L41	61.9	61.9	64.4	2.5	no	66	B
L42	64.8	64.8	66	1.2	yes	66	B
L43	61.9	62	64.4	2.5	no	66	B
L44	64.8	64.8	66	1.2	yes	66	B
L45	61.9	62	64.4	2.5	no	66	B
L46	64.9	64.9	66	1.1	yes	66	B
L47	62.4	62.5	64.8	2.4	no	66	B
L48	65.3	65.3	66.4	1.1	yes	66	B
L49	62.5	62.5	64.8	2.3	no	66	B
L50	65.3	65.3	66.4	1.1	yes	66	B
L51	67.8	67.9	69.2	1.4	no	71	E
L52	64.4	64.4	65.9	1.5	no	66	B
L53	66.7	66.8	68.3	1.6	yes	66	B

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RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
L54	65.2	65.2	66.7	1.5	yes	66	B
L55	67.4	67.3	68.9	1.5	yes	66	B
L56	62.8	62.8	64.4	1.6	no	66	B
L57	62.2	62.2	63.8	1.6	no	66	B
L58	61.5	61.5	63	1.5	no	66	B
L59	60.8	60.8	62.3	1.5	no	66	B
L60	68	67.8	65.9	-2.1	no	66	B
L61	60.8	60.7	61.9	1.1	no	66	B
L62	63.2	63.1	64.8	1.6	no	66	B
L63	60.7	60.6	61.4	0.7	no	66	B
L64	61.4	61.3	63.1	1.7	no	66	B
L65	60.5	60.5	62.4	1.9	no	66	B
L66	59.9	59.9	61.9	2	no	66	B
L67	61.3	61.1	61	-0.3	no	66	B
L68	59.2	59.1	61.1	1.9	no	66	B
L69	59	58.9	60.7	1.7	no	66	B
L70	68.8	68.5	66.8	-2	yes	66	B
L71	58.6	58.5	60.1	1.5	no	66	B
L72	61.1	60.9	60.6	-0.5	no	66	B
L73	58	57.9	59.5	1.5	no	66	B
L74	60.3	60.1	59.8	-0.5	no	66	B
M1	60.5	60.2	60.8	0.3	no	66	B
M2	60.9	60.6	61.2	0.3	no	66	B
M3	61.6	61.3	61.8	0.2	no	66	B
M4	61.9	61.6	62.1	0.2	no	66	B
M5	62.1	61.8	62.2	0.1	no	66	B
M6	62.3	62.1	62.4	0.1	no	66	B
M7	62.1	61.8	62.1	0	no	66	B
M8	62.3	62.1	62.3	0	no	66	B
M9	65.8	65.8	65.8	0	no	66	B
M10	64	64	63.8	-0.2	no	66	B
M11	60.7	60.4	60.8	0.1	no	66	B
M12	62.9	62.8	62.7	-0.2	no	66	B
M13	63.7	63.5	63.6	-0.1	no	66	B
M14	59.4	59.2	59.7	0.3	no	66	B
M15	65.9	65.9	65.9	0	no	66	B
M16	62.1	62	62	-0.1	no	66	B
M17	63.9	63.8	63.9	0	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
M18	59	58.9	59.5	0.5	no	66	B
M19	61.9	61.7	62	0.1	no	66	B
M20	63.9	63.9	63.9	0	no	66	B
M21	62.4	62.4	62.3	-0.1	no	66	B
M22	60.6	60.4	60.8	0.2	no	66	B
M23	63	63	63	0	no	66	B
M24	59.5	59.4	60	0.5	no	66	B
N1	69.8	69.9	73	3.2	yes	66	B
N2	64.7	64.8	68.1	3.4	yes	66	B
N3	63.5	63.5	67	3.5	yes	66	B
N4	72.3	72.4	75.1	2.8	yes	66	B
N5	70.7	70.8	73.9	3.2	yes	66	B
N6	67.2	67.3	71.3	4.1	yes	66	B
N7	69.6	69.5	72.1	2.5	yes	71	E
O1	68	68	72.3	4.3	yes	66	B
O2	67.3	67.4	71.7	4.4	yes	66	B
O3	66.7	66.7	71	4.3	yes	66	B
O4	69.3	69.4	73.3	4	yes	66	B
O5	66.1	66.2	70.5	4.4	yes	66	B
O6	68.9	69	73	4.1	yes	66	B
O7	65	65.1	69.1	4.1	yes	66	B
O8	64.7	64.8	68.8	4.1	yes	66	B
O9	63.5	63.6	67.6	4.1	yes	66	B
O10	66.1	66.2	70.4	4.3	yes	66	B
O11	69	69	71.4	2.4	yes	66	B
O12	66.7	66.8	71	4.3	yes	66	B
O13	65.5	65.6	69.7	4.2	yes	66	B
O14	68.5	68.6	71	2.5	yes	66	B
O15	69.5	69.6	71.9	2.4	yes	66	B
O16	65.2	65.2	69.3	4.1	yes	66	B
O17	68.1	68.1	70.6	2.5	yes	66	B
O18	65.8	65.8	70	4.2	yes	66	B
O19	64.7	64.8	68.9	4.2	yes	66	B
O20	67.7	67.7	70.3	2.6	yes	66	B
O21	64.4	64.5	68.5	4.1	yes	66	B
O22	68.5	68.5	71	2.5	yes	66	B
O23	65.3	65.4	69.5	4.2	yes	66	B
O24	68.6	68.7	71.1	2.5	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
O25	65.6	65.7	69.8	4.2	yes	66	B
O26	68.9	69	71.4	2.5	yes	66	B
O27	70.8	70.9	73	2.2	yes	66	B
O28	67.3	67.4	70	2.7	yes	66	B
O29	66	66	70.3	4.3	yes	66	B
O30	69.3	69.4	71.8	2.5	yes	66	B
O31	64	64.1	68.1	4.1	yes	66	B
O32	67.3	67.4	71.5	4.2	yes	66	B
O33	66.9	66.9	69.6	2.7	yes	66	B
O34	70.1	70.1	72.4	2.3	yes	66	B
O35	66.5	66.6	70.8	4.3	yes	66	B
O36	69.4	69.5	71.8	2.4	yes	66	B
O37	66	66.1	70.3	4.3	yes	66	B
O38	69	69	71.4	2.4	yes	66	B
O39	66	66.1	70.3	4.3	yes	66	B
O40	69.4	69.5	71.8	2.4	yes	66	B
O41	66.4	66.4	70.6	4.2	yes	66	B
O42	69.9	70	72.3	2.4	yes	66	B
O43	66.9	66.9	71.1	4.2	yes	66	B
O44	63.6	63.6	67.8	4.2	yes	66	B
O45	63.7	63.8	68	4.3	yes	66	B
O46	63.9	63.9	68.2	4.3	yes	66	B
O47	64	64.1	68.3	4.3	yes	66	B
O48	64.1	64.2	68.4	4.3	yes	66	B
O49	64.2	64.3	68.5	4.3	yes	66	B
O50	64.3	64.4	68.7	4.4	yes	66	B
P1	61.7	62	63.6	1.9	no	66	B
P2	61.5	61.8	63.4	1.9	no	66	B
P3	61.4	61.7	63.3	1.9	no	66	B
P4	61.2	61.5	63.1	1.9	no	66	B
P5	61.1	61.4	63	1.9	no	66	B
P6	61	61.3	62.9	1.9	no	66	B
P7	60.9	61.2	62.8	1.9	no	66	B
P8	60.6	60.9	62.6	2	no	66	B
P9	61.3	61.6	63.2	1.9	no	66	B
P10	61.2	61.5	63.1	1.9	no	66	B
P11	61.1	61.4	63	1.9	no	66	B
P12	61	61.3	63	2	no	66	B

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RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
P13	61	61.3	62.9	1.9	no	66	B
P14	60.9	61.2	62.9	2	no	66	B
P15	60.8	61.1	62.8	2	no	66	B
P16	60.8	61.1	62.7	1.9	no	66	B
P17	60.7	61	62.7	2	no	66	B
P18	60.6	60.9	62.6	2	no	66	B
P19	60.7	61	62.7	2	no	66	B
P20	60.6	60.9	62.6	2	no	66	B
P21	60.5	60.8	62.5	2	no	66	B
P22	60.5	60.8	62.5	2	no	66	B
P23	60.4	60.7	62.4	2	no	66	B
P24	60.4	60.7	62.4	2	no	66	B
P25	60.2	60.5	62.2	2	no	66	B
P26	60.2	60.4	62.2	2	no	66	B
P27	60.6	60.8	62.5	1.9	no	66	B
P28	60.4	60.6	62.4	2	no	66	B
P29	60	60.2	62	2	no	66	B
P30	60	60.1	62	2	no	66	B
P31	59.9	60	61.8	1.9	no	66	B
P32	59.8	59.8	61.7	1.9	no	66	B
P33	59.9	59.9	61.7	1.8	no	66	B
P34	60	60	61.8	1.8	no	66	B
P35	60.3	60.3	62	1.7	no	66	B
P36	65.7	65.8	65.3	-0.4	no	71	E
P37	58.1	58.5	59.6	1.5	no	71	E
P38	63.8	64.2	65.5	1.7	no	71	E
Q1	67.4	67.2	68.2	0.8	yes	66	C
Q2	64.8	64.7	66.1	1.3	yes	66	B
Q3	66.8	66.6	67.7	0.9	yes	66	B
Q4	65	64.9	66.2	1.2	yes	66	B
Q5	66.9	66.8	67.9	1	yes	66	B
Q6	64.1	64	65.5	1.4	no	66	B
Q7	66.2	66	67.1	0.9	yes	66	B
Q8	63.7	63.6	65.2	1.5	no	66	B
Q9	65.9	65.7	66.8	0.9	yes	66	B
Q10	64.2	64.1	65.5	1.3	no	66	B
Q11	66.3	66.1	67.2	0.9	yes	66	B
Q12	63.9	63.8	65.3	1.4	no	66	B

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RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q13	66	65.9	66.9	0.9	yes	66	B
Q14	64.2	64.1	65.4	1.2	no	66	B
Q15	66.2	66.1	67.1	0.9	yes	66	B
Q16	63.9	63.8	65.1	1.2	no	66	B
Q17	65.9	65.8	66.7	0.8	yes	66	B
Q18	64.5	64.4	65.5	1	no	66	B
Q19	66.4	66.3	67.3	0.9	yes	66	B
Q20	64.1	64	65.2	1.1	no	66	B
Q21	66.1	65.9	66.8	0.7	yes	66	B
Q22	64.1	64	65	0.9	no	66	B
Q23	66.3	66.1	66.9	0.6	yes	66	B
Q24	64	63.9	64.9	0.9	no	66	B
Q25	66.1	65.9	66.7	0.6	yes	66	B
Q26	63.8	63.7	64.8	1	no	66	B
Q27	66	65.9	66.7	0.7	yes	66	B
Q28	63.8	63.7	64.8	1	no	66	B
Q29	65.9	65.8	66.6	0.7	yes	66	B
Q36	63.5	63.4	64.7	1.2	no	66	B
Q42	63.1	63	64.2	1.1	no	66	B
Q43	65.5	65.4	66.1	0.6	yes	66	B
Q44	63.3	63.2	64.4	1.1	no	66	B
Q45	65.7	65.5	66.2	0.5	yes	66	B
Q46	63.9	63.8	65.6	1.7	no	66	B
Q47	63.8	63.7	65.9	2.1	no	66	B
Q48	64.1	64.2	66.5	2.4	yes	66	B
Q49	63.8	63.8	66.1	2.3	yes	66	B
Q50	63.9	64	66.1	2.2	yes	66	B
Q51	66.4	66.4	67.4	1	yes	66	B
Q52	63.7	63.8	65.9	2.2	no	66	B
Q53	66.1	66.2	67.2	1.1	yes	66	B
Q54	63.4	63.4	65.6	2.2	no	66	B
Q55	65.8	65.9	67	1.2	yes	66	B
Q56	63.1	63.2	65.4	2.3	no	66	B
Q57	65.5	65.6	66.7	1.2	yes	66	B
Q58	61.9	62	64.4	2.5	no	66	B
Q59	64.9	64.9	65.9	1	no	66	B
Q60	62.5	62.5	64.8	2.3	no	66	B
Q61	65.3	65.3	66.4	1.1	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q62	62.5	62.6	64.8	2.3	no	66	B
Q63	65.4	65.4	66.4	1	yes	66	B
Q64	70.8	70.8	72.5	1.7	yes	66	B
Q65	73.2	73.2	73.8	0.6	yes	66	B
Q66	70.9	70.9	72.6	1.7	yes	66	B
Q67	73.3	73.3	74	0.7	yes	66	B
Q68	66.5	66.5	68.4	1.9	yes	66	B
Q69	70.9	71	72.7	1.8	yes	66	B
Q70	69.1	69.1	69.8	0.7	yes	66	B
Q71	73.4	73.4	74.1	0.7	yes	66	B
Q72	71.1	71.2	72.9	1.8	yes	66	B
Q73	66.5	66.6	68.5	2	yes	66	B
Q74	73.6	73.6	74.3	0.7	yes	66	B
Q75	69.2	69.2	69.9	0.7	yes	66	B
Q76	66.7	66.7	68.6	1.9	yes	66	B
Q77	69.3	69.3	70.1	0.8	yes	66	B
Q78	69.9	69.9	70.7	0.8	yes	66	B
Q79	70.8	70.9	71.6	0.8	yes	66	B
Q80	67.7	67.7	69.8	2.1	yes	66	B
Q81	66.7	66.7	68.7	2	yes	66	B
Q82	68.7	68.7	70.8	2.1	yes	66	B
Q83	71.7	71.7	72.5	0.8	yes	66	B
Q84	71.1	71.2	73.1	2	yes	66	B
Q85	73.1	73.1	73.9	0.8	yes	66	B
Q86	69.8	69.9	71.8	2	yes	66	B
Q87	69.3	69.3	70.1	0.8	yes	66	B
Q88	68.7	68.8	70.8	2.1	yes	66	B
Q89	71.3	71.4	72.1	0.8	yes	66	B
Q90	68.8	68.9	71	2.2	yes	66	B
Q91	71.4	71.5	72.3	0.9	yes	66	B
Q92	69	69	71.1	2.1	yes	66	B
Q93	71.6	71.7	72.5	0.9	yes	66	B
Q94	69.1	69.2	71.3	2.2	yes	66	B
Q95	71.7	71.7	72.6	0.9	yes	66	B
Q96	66.1	66.1	68.2	2.1	yes	66	B
Q97	68.7	68.7	69.7	1	yes	66	B
Q98	66.1	66.2	68.3	2.2	yes	66	B
Q99	68.7	68.8	69.8	1.1	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q100	69.4	69.4	70.5	1.1	yes	66	B
Q101	67.3	67.3	69.5	2.2	yes	66	B
Q102	68	68.1	70.3	2.3	yes	66	B
Q103	70.3	70.4	71.4	1.1	yes	66	B
Q104	69	69	71.3	2.3	yes	66	B
Q105	71	71	72	1	yes	66	B
Q106	72	72.1	73	1	yes	66	B
Q107	66.1	66.2	68.3	2.2	yes	66	B
Q108	70.4	70.5	72.7	2.3	yes	66	B
Q109	68.7	68.8	69.8	1.1	yes	66	B
Q110	66.2	66.2	68.4	2.2	yes	66	B
Q111	68.8	68.9	69.9	1.1	yes	66	B
Q112	66.1	66.2	68.4	2.3	yes	66	B
Q113	67.6	67.6	70	2.4	yes	66	B
Q114	72.7	72.7	75.4	2.7	yes	66	B
Q115	66.4	66.4	68.6	2.2	yes	66	B
Q116	65.1	65.1	67.3	2.2	yes	66	B
Q117	67.8	67.7	69.9	2.1	yes	66	B
Q118	68.7	68.6	70.7	2	yes	66	B
Q119	65.4	65.3	67.3	1.9	yes	66	B
Q120	73.8	73.6	RELOCATION			66	B
Q121	68.8	68.7	70.5	1.7	yes	66	B
Q122	66.9	66.8	68.6	1.7	yes	66	B
Q123	73.9	73.8	RELOCATION			66	B
Q124	65.4	65.3	66.9	1.5	yes	66	B
Q125	68.7	68.6	70.2	1.5	yes	66	B
Q126	67.2	67.1	68.6	1.4	yes	66	B
Q127	66.4	66.2	67.5	1.1	yes	66	B
Q128	68.9	68.7	69.9	1	yes	66	B
Q129	67.6	67.5	68.7	1.1	yes	66	B
Q130	69.9	69.7	71	1.1	yes	66	B
Q131	68.7	68.5	69.8	1.1	yes	66	B
Q132	70.9	70.7	72	1.1	yes	66	B
Q133	70	69.9	71.5	1.5	yes	66	B
Q134	66	65.8	67.1	1.1	yes	66	B
Q135	72.2	72	73.5	1.3	yes	66	B
Q136	68.5	68.4	69.5	1	yes	66	B
Q137	67.1	67	68.1	1	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q138	69.4	69.3	70.5	1.1	yes	66	B
Q139	68.3	68.2	69.3	1	yes	66	B
Q140	70.5	70.4	71.6	1.1	yes	66	B
Q141	69.7	69.5	71	1.3	yes	66	B
Q142	71.9	71.8	73.2	1.3	yes	66	B
Q143	69.9	69.8	71.2	1.3	yes	66	B
Q144	71.3	71.2	73.3	2	yes	66	B
Q145	71.5	71.4	72.8	1.3	yes	66	B
Q146	65.5	65.4	66.5	1	yes	66	B
Q147	73	72.9	74.4	1.4	yes	66	B
Q148	67.6	67.4	68.5	0.9	yes	66	B
Q149	69.8	69.6	71	1.2	yes	66	B
Q150	71.4	71.2	73.4	2	yes	66	B
Q151	65.6	65.5	66.6	1	yes	66	B
Q152	71.5	71.3	72.7	1.2	yes	66	B
Q153	67.8	67.6	68.7	0.9	yes	66	B
Q154	73	72.9	74.5	1.5	yes	66	B
Q155	67.4	67.3	68.2	0.8	yes	66	B
Q156	69.9	69.7	71.1	1.2	yes	66	B
Q157	71.3	71.1	73.2	1.9	yes	66	B
Q158	66.5	66.4	67.3	0.8	yes	66	B
Q159	69.3	69.1	70.3	1	yes	66	B
Q160	72.9	72.8	74.4	1.5	yes	66	B
Q161	71.5	71.4	72.7	1.2	yes	66	B
Q162	68.5	68.3	69.4	0.9	yes	66	B
Q163	67.7	67.6	68.4	0.7	yes	66	B
Q164	69.8	69.6	70.9	1.1	yes	66	B
Q165	71.4	71.2	73.4	2	yes	66	B
Q166	69.5	69.3	70.4	0.9	yes	66	B
Q167	66.7	66.6	67.4	0.7	yes	66	B
Q168	71.5	71.4	72.7	1.2	yes	66	B
Q169	68.6	68.5	69.6	1	yes	66	B
Q170	73	72.8	74.4	1.4	yes	66	B
Q171	67.8	67.6	68.4	0.6	yes	66	B
Q172	66.9	66.8	67.5	0.6	yes	66	B
Q173	69.7	69.5	70.6	0.9	yes	66	B
Q174	68.8	68.6	69.7	0.9	yes	66	B
Q175	68	67.9	68.6	0.6	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Q176	67	66.9	67.6	0.6	yes	66	B
Q177	69.8	69.6	70.7	0.9	yes	66	B
Q178	68.9	68.8	69.8	0.9	yes	66	B
Q179	68.7	68.6	69.5	0.8	yes	66	B
Q180	70.9	70.7	71.9	1	yes	66	B
Q181	70.2	70	71.5	1.3	yes	66	B
Q182	71.2	71	73.1	1.9	yes	66	B
Q183	72.4	72.3	73.7	1.3	yes	66	B
Q184	69.5	69.3	70.5	1	yes	66	B
Q185	70.1	70	71.1	1	yes	66	B
Q186	71.6	71.4	72.7	1.1	yes	66	B
Q187	69.4	69.3	70.5	1.1	yes	66	B
Q188	70.9	70.8	71.9	1	yes	66	B
Q189	71.6	71.5	72.7	1.1	yes	66	B
Q190	70.1	70	71	0.9	yes	66	B
Q191	71.2	71.1	73.3	2.1	yes	66	B
Q192	72.5	72.3	73.7	1.2	yes	66	B
Q193	70.2	70	71.6	1.4	yes	66	B
Q194	68.6	68.5	69.5	0.9	yes	66	B
R1	65.8	65.7	67.7	1.9	yes	66	B
R2	64.8	64.7	66.7	1.9	yes	66	B
R3	67.6	67.4	69.6	2	yes	66	B
R4	72.1	71.9	73.5	1.4	yes	66	B
R5	65.8	65.7	67.6	1.8	yes	66	B
R6	68.1	67.9	70	1.9	yes	66	B
R7	72	71.9	73.6	1.6	yes	66	B
R8	65	64.9	66.9	1.9	yes	66	B
R9	68	67.9	69.9	1.9	yes	66	B
R10	72.2	72.1	73.9	1.7	yes	66	B
R11	64.9	64.8	66.8	1.9	yes	66	B
R12	68.3	68.1	70.2	1.9	yes	66	B
R13	72.5	72.4	74.3	1.8	yes	66	B
R14	68.2	68.1	70	1.8	yes	66	B
R15	65	64.9	66.9	1.9	yes	66	B
R16	72.3	72.1	74.2	1.9	yes	66	B
R17	68.5	68.3	70.2	1.7	yes	66	B
R18	65	65	66.9	1.9	yes	66	B
R19	72.6	72.4	74.4	1.8	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
R20	68.5	68.3	70.2	1.7	yes	66	B
R21	65.1	65	67	1.9	yes	66	B
R22	72.4	72.2	74.3	1.9	yes	66	B
R23	68.5	68.4	70.2	1.7	yes	66	B
R24	65.3	65.2	67.2	1.9	yes	66	B
R25	72.6	72.5	74.4	1.8	yes	66	B
R26	68.5	68.4	70.3	1.8	yes	66	B
R27	65.5	65.4	67.5	2	yes	66	B
R28	73.1	72.9	74.8	1.7	yes	66	B
R29	68.6	68.5	70.4	1.8	yes	66	B
R30	65.6	65.6	67.6	2	yes	66	B
R31	72.8	72.7	74.5	1.7	yes	66	B
R32	68.4	68.3	70.3	1.9	yes	66	B
R33	66.4	66.3	68.4	2	yes	66	B
R34	73.1	73	74.9	1.8	yes	66	B
R35	68.1	68	70.1	2	yes	66	B
R36	65.2	65.2	67.4	2.2	yes	66	B
R37	72.7	72.7	74.6	1.9	yes	66	B
R38	72.5	72.5	74.4	1.9	yes	66	B
R39	67.1	67.1	69.3	2.2	yes	66	B
R40	71.7	71.7	73.7	2	yes	66	B
R41	66.1	66.1	68.3	2.2	yes	66	B
R42	65.4	65.4	67.6	2.2	yes	66	B
R43	71.2	71.3	73.4	2.2	yes	66	B
R44	69.5	69.6	71.7	2.2	yes	66	B
R45	67.4	67.5	69.7	2.3	yes	66	B
R46	65.6	65.6	67.9	2.3	yes	66	B
R47	71.4	71.4	73.4	2	yes	66	B
R48	68.3	68.3	70.4	2.1	yes	66	B
R49	72.4	72.5	74.2	1.8	yes	66	B
R50	72.7	72.8	74.4	1.7	yes	66	B
R51	68.4	68.5	70.4	2	yes	66	B
R52	65.3	65.4	67.5	2.2	yes	66	B
R53	73.1	73.2	74.7	1.6	yes	66	B
R54	68.2	68.3	70.2	2	yes	66	B
R55	64.2	64.3	66.6	2.4	yes	66	B
R56	72.7	72.8	74.3	1.6	yes	66	B
R57	64.8	64.9	67.1	2.3	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
R58	73.2	73.2	74.6	1.4	yes	66	B
R59	68	68	70	2	yes	66	B
R60	72.7	72.8	74.3	1.6	yes	66	B
R61	67.9	67.9	70	2.1	yes	66	B
R62	73	73.1	74.6	1.6	yes	66	B
R63	67.3	67.3	69.5	2.2	yes	66	B
R64	72.3	72.4	74	1.7	yes	66	B
R65	66.2	66.3	68.6	2.4	yes	66	B
R66	65.3	65.3	67.8	2.5	yes	66	B
R67	70.9	71	72.9	2	yes	66	B
R68	64.5	64.5	67.1	2.6	yes	66	B
R69	69.7	69.7	72	2.3	yes	66	B
R70	64.4	64.5	67.2	2.8	yes	66	B
R71	66.5	66.6	69.2	2.7	yes	66	B
R72	71.1	71.1	73.5	2.4	yes	66	B
R73	67.2	67.3	70.1	2.9	yes	66	B
R74	71.9	71.9	74.4	2.5	yes	66	B
R75	67.2	67.3	70.2	3	yes	66	B
R76	71.6	71.6	74.2	2.6	yes	66	B
R77	67	67.1	70.1	3.1	yes	66	B
R78	71.5	71.6	74.3	2.8	yes	66	B
R79	67	67	70.1	3.1	yes	66	B
R80	71.6	71.7	74.4	2.8	yes	66	B
R81	66.9	66.9	70.1	3.2	yes	66	B
R82	71.7	71.7	74.5	2.8	yes	66	B
R83	66.9	67	70.2	3.3	yes	66	B
R84	71.1	71.1	74	2.9	yes	66	B
R85	66.6	66.6	69.8	3.2	yes	66	B
R86	71.3	71.3	74.1	2.8	yes	66	B
R87	64.1	64.1	67.2	3.1	yes	66	B
R88	65.7	65.8	68.8	3.1	yes	66	B
R89	70.9	70.9	73.8	2.9	yes	66	B
R90	69.4	69.5	72.5	3.1	yes	66	B
R91	67.6	67.6	70.8	3.2	yes	66	B
R92	64.1	64.1	67.2	3.1	yes	66	B
R93	66.1	66.2	69.3	3.2	yes	66	B
S1	59.4	59.4	61.3	1.9	no	66	B
S2	59.1	59	60.9	1.8	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S3	58.9	58.8	60.8	1.9	no	66	B
S4	58.6	58.6	60.5	1.9	no	66	B
S5	59.5	59.4	61.5	2	no	66	B
S6	59.1	59.1	61.1	2	no	66	B
S7	59	58.9	60.9	1.9	no	66	B
S8	58.7	58.6	60.6	1.9	no	66	B
S9	58.8	58.8	60.1	1.3	no	66	B
S10	58.7	58.7	59.9	1.2	no	66	B
S11	58.6	58.6	59.7	1.1	no	66	B
S12	58.5	58.5	59.6	1.1	no	66	B
S13	58.4	58.4	60	1.6	no	66	B
S14	58.3	58.2	59.7	1.4	no	66	B
S15	58.1	58.1	59.6	1.5	no	66	B
S16	58.1	58	59.5	1.4	no	66	B
S17	58.2	58.2	59	0.8	no	66	B
S18	57.6	57.6	58.6	1	no	66	B
S19	57.7	57.7	58.9	1.2	no	66	B
S20	57.5	57.5	58.7	1.2	no	66	B
S21	56.4	56.4	58.4	2	no	66	B
S22	56.5	56.4	58.4	1.9	no	66	B
S23	56.5	56.4	58.3	1.8	no	66	B
S24	56.6	56.5	58.3	1.7	no	66	B
S29	57.8	57.8	59.8	2	no	66	B
S30	57.6	57.5	59.6	2	no	66	B
S31	57.3	57.3	59.3	2	no	66	B
S32	57.1	57	59	1.9	no	66	B
S33	57.1	57	59.1	2	no	66	B
S34	57.4	57.3	59.5	2.1	no	66	B
S35	57.6	57.5	59.6	2	no	66	B
S36	57.9	57.8	59.9	2	no	66	B
S37	59.5	59.3	61.6	2.1	no	66	B
S38	59.8	59.7	62	2.2	no	66	B
S39	60.1	60	62.3	2.2	no	66	B
S40	60.3	60.2	62.6	2.3	no	66	B
S41	60.3	60.1	62.5	2.2	no	66	B
S42	60	59.9	62.3	2.3	no	66	B
S43	59.7	59.5	61.9	2.2	no	66	B
S44	59.8	59.7	62.1	2.3	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S45	58.2	58.2	59.3	1.1	no	66	B
S46	57	57	58.4	1.4	no	66	B
S47	57.2	57.2	58.4	1.2	no	66	B
S48	58.3	58.4	59.2	0.9	no	66	B
S49	58.3	58.2	60.3	2	no	66	B
S50	58.5	58.4	60.6	2.1	no	66	B
S51	58.7	58.6	60.8	2.1	no	66	B
S52	58.9	58.8	61.1	2.2	no	66	B
S53	58.8	58.7	61	2.2	no	66	B
S54	58.5	58.4	60.7	2.2	no	66	B
S55	58.4	58.3	60.5	2.1	no	66	B
S56	58.2	58.1	60.3	2.1	no	66	B
S57	61.1	61	63.4	2.3	no	66	B
S58	61.3	61.2	63.6	2.3	no	66	B
S59	61.4	61.3	63.7	2.3	no	66	B
S60	61.6	61.5	63.9	2.3	no	66	B
S61	60.5	60.3	62.8	2.3	no	66	B
S62	60.7	60.6	63	2.3	no	66	B
S63	60.9	60.7	63.2	2.3	no	66	B
S64	61.1	60.9	63.4	2.3	no	66	B
S65	59	58.9	61.2	2.2	no	66	B
S66	58.7	58.6	60.9	2.2	no	66	B
S67	59.1	59	61.4	2.3	no	66	B
S68	58.8	58.7	61.1	2.3	no	66	B
S69	59.4	59.3	61.8	2.4	no	66	B
S70	59.1	58.9	61.4	2.3	no	66	B
S71	58.8	58.7	61.1	2.3	no	66	B
S72	58.7	58.5	61.1	2.4	no	66	B
S73	58.7	58.6	61.1	2.4	no	66	B
S74	59.1	59	61.5	2.4	no	66	B
S75	59.2	59.1	61.7	2.5	no	66	B
S76	59.2	59	61.6	2.4	no	66	B
S77	58.4	58.3	60.8	2.4	no	66	B
S78	57.1	57	59.2	2.1	no	66	B
S79	57.3	57.2	59.4	2.1	no	66	B
S80	57.5	57.4	59.6	2.1	no	66	B
S81	57.8	57.7	59.9	2.1	no	66	B
S82	57.7	57.6	59.9	2.2	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S83	57.5	57.4	59.6	2.1	no	66	B
S84	57.3	57.2	59.4	2.1	no	66	B
S85	57.1	57	59.2	2.1	no	66	B
S86	57.5	57.4	59.7	2.2	no	66	B
S87	57.2	57.1	59.4	2.2	no	66	B
S90	61.2	61.1	63.6	2.4	no	66	B
S91	61.5	61.3	63.8	2.3	no	66	B
S92	61.6	61.5	63.9	2.3	no	66	B
S96	61	60.8	63.3	2.3	no	66	B
S97	60.8	60.7	63.2	2.4	no	66	B
S98	62.5	62.5	63.5	1	no	66	B
S99	62.2	62.2	63.2	1	no	66	B
S100	62.1	62	63	0.9	no	66	B
S101	61.9	61.8	62.8	0.9	no	66	B
S102	62.6	62.5	63.6	1	no	66	B
S103	62.3	62.2	63.3	1	no	66	B
S104	62.1	62.1	63.2	1.1	no	66	B
S105	61.9	61.8	62.9	1	no	66	B
S106	61.9	61.9	62.5	0.6	no	66	B
S107	61.8	61.8	62.3	0.5	no	66	B
S108	61.7	61.7	62.2	0.5	no	66	B
S109	61.6	61.6	62.1	0.5	no	66	B
S110	61.6	61.6	62.4	0.8	no	66	B
S111	61.5	61.5	62.2	0.7	no	66	B
S112	61.4	61.4	62	0.6	no	66	B
S113	61.3	61.3	61.9	0.6	no	66	B
S114	61.2	61.2	61.6	0.4	no	66	B
S115	60.8	60.8	61.2	0.4	no	66	B
S116	61	61	61.5	0.5	no	66	B
S117	60.8	60.8	61.3	0.5	no	66	B
S118	60	60	60.9	0.9	no	66	B
S119	60.1	60	60.9	0.8	no	66	B
S120	60.1	60	60.9	0.8	no	66	B
S121	60.1	60.1	60.9	0.8	no	66	B
S126	61.2	61.2	62.2	1	no	66	B
S127	61	61	62	1	no	66	B
S128	60.8	60.8	61.8	1	no	66	B
S129	60.6	60.5	61.5	0.9	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S130	60.6	60.5	61.6	1	no	66	B
S131	60.9	60.8	61.9	1	no	66	B
S132	61	60.9	62	1	no	66	B
S133	61.3	61.2	62.3	1	no	66	B
S134	62.6	62.5	63.7	1.1	no	66	B
S135	62.9	62.8	64	1.1	no	66	B
S136	63.2	63.1	64.3	1.1	no	66	B
S137	63.3	63.3	64.5	1.2	no	66	B
S138	63.3	63.2	64.5	1.2	no	66	B
S139	63.1	63	64.2	1.1	no	66	B
S140	62.8	62.7	63.9	1.1	no	66	B
S141	62.9	62.8	64	1.1	no	66	B
S142	61.3	61.3	61.8	0.5	no	66	B
S143	60.4	60.4	61	0.6	no	66	B
S144	60.6	60.5	61.1	0.5	no	66	B
S145	61.4	61.4	61.7	0.3	no	66	B
S146	61.6	61.5	62.6	1	no	66	B
S147	61.8	61.7	62.9	1.1	no	66	B
S148	61.9	61.9	63	1.1	no	66	B
S149	62.1	62	63.3	1.2	no	66	B
S150	62	61.9	63.2	1.2	no	66	B
S151	61.8	61.7	62.9	1.1	no	66	B
S152	61.7	61.6	62.8	1.1	no	66	B
S153	61.5	61.4	62.5	1	no	66	B
S154	64	63.9	65.2	1.2	no	66	B
S155	64.1	64	65.4	1.3	no	66	B
S156	64.2	64.1	65.5	1.3	no	66	B
S157	64.4	64.3	65.6	1.2	no	66	B
S158	63.4	63.3	64.7	1.3	no	66	B
S159	63.6	63.5	64.8	1.2	no	66	B
S160	63.8	63.7	65	1.2	no	66	B
S161	63.9	63.8	65.2	1.3	no	66	B
S162	62.2	62.1	63.3	1.1	no	66	B
S163	61.9	61.8	63.1	1.2	no	66	B
S164	62.2	62.1	63.5	1.3	no	66	B
S165	62	61.9	63.2	1.2	no	66	B
S166	62.5	62.4	63.8	1.3	no	66	B
S167	62.2	62.1	63.5	1.3	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S168	61.9	61.8	63.2	1.3	no	66	B
S169	61.8	61.7	63.1	1.3	no	66	B
S170	61.8	61.7	63.2	1.4	no	66	B
S171	62.1	62	63.5	1.4	no	66	B
S172	62.3	62.2	63.6	1.3	no	66	B
S173	62.2	62.1	63.6	1.4	no	66	B
S174	60.6	60.5	61.6	1	no	66	B
S175	60.8	60.7	61.8	1	no	66	B
S176	60.9	60.8	62	1.1	no	66	B
S177	61.1	61	62.2	1.1	no	66	B
S178	61.1	61	62.2	1.1	no	66	B
S179	60.9	60.8	62	1.1	no	66	B
S180	60.7	60.6	61.8	1.1	no	66	B
S181	60.6	60.5	61.6	1	no	66	B
S182	60.9	60.8	62.1	1.2	no	66	B
S183	60.6	60.5	61.8	1.2	no	66	B
S186	64	63.9	65.3	1.3	no	66	B
S187	64.2	64.1	65.5	1.3	no	66	B
S188	64.4	64.3	65.6	1.2	no	66	B
S192	63.8	63.7	65.1	1.3	no	66	B
S193	63.7	63.6	65	1.3	no	66	B
S194	67.1	67	68.3	1.2	no	71	E
S195	67.8	67.7	68.9	1.1	no	71	E
S196	72.5	72.4	73.6	1.1	yes	71	E
S197	46.2	46.1	47.2	1	no	51	D
S198	70.4	70.3	71.5	1.1	yes	66	B
S199	73.8	73.8	74.8	1	yes	66	B
S200	67.9	67.8	70	2.1	yes	66	B
S201	70.3	70.3	71.5	1.2	yes	66	B
S202	71.8	71.8	73.7	1.9	yes	66	B
S203	72	72	73.1	1.1	yes	66	B
S204	67.8	67.8	70	2.2	yes	66	B
S205	69.7	69.7	71.9	2.2	yes	66	B
S206	70.3	70.2	71.4	1.1	yes	66	B
S207	73.6	73.6	74.7	1.1	yes	66	B
S208	68	67.9	69.3	1.3	yes	66	B
S209	67.7	67.6	69.9	2.2	yes	66	B
S210	65.4	65.3	67.6	2.2	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S211	71.5	71.5	73.5	2	yes	66	B
S212	71.8	71.8	72.9	1.1	yes	66	B
S213	70.2	70.1	71.4	1.2	yes	66	B
S214	67.9	67.9	69.3	1.4	yes	66	B
S215	65.3	65.2	67.5	2.2	yes	66	B
S216	69.4	69.4	71.7	2.3	yes	66	B
S217	67.5	67.4	69.8	2.3	yes	66	B
S218	67.8	67.8	69.2	1.4	yes	66	B
S219	73.4	73.4	74.5	1.1	yes	66	B
S220	65.2	65.1	67.5	2.3	yes	66	B
S221	71.2	71.2	73.3	2.1	yes	66	B
S222	71.7	71.7	72.9	1.2	yes	66	B
S223	67.8	67.8	69.2	1.4	yes	66	B
S224	65.1	65.1	67.4	2.3	yes	66	B
S225	69.1	69.1	71.5	2.4	yes	66	B
S226	73.2	73.2	74.3	1.1	yes	66	B
S227	70.9	70.9	73.2	2.3	yes	66	B
S228	71.6	71.6	72.8	1.2	yes	66	B
S229	69	69	71.5	2.5	yes	66	B
S230	66.5	66.5	68.9	2.4	yes	66	B
S231	72.9	73	74.1	1.2	yes	66	B
S232	71.4	71.5	72.7	1.3	yes	66	B
S233	70.6	70.7	73	2.4	yes	66	B
S234	68.7	68.7	71.3	2.6	yes	66	B
S235	72.8	72.8	74	1.2	yes	66	B
S236	71.3	71.3	72.6	1.3	yes	66	B
S237	70.4	70.5	72.9	2.5	yes	66	B
S238	66.5	66.5	69	2.5	yes	66	B
S239	68.5	68.5	71.2	2.7	yes	66	B
S240	69.1	69.1	70.5	1.4	yes	66	B
S241	66	66	68.5	2.5	yes	66	B
S242	68.5	68.5	70	1.5	yes	66	B
S243	66.4	66.4	69	2.6	yes	66	B
S244	69	69	70.5	1.5	yes	66	B
S245	66	66	68.5	2.5	yes	66	B
S246	68.5	68.5	70.1	1.6	yes	66	B
S247	72.4	72.4	73.7	1.3	yes	66	B
S248	69.9	70	72.6	2.7	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S249	70.9	71	72.4	1.5	yes	66	B
S250	68.1	68.1	70.9	2.8	yes	66	B
S251	72.3	72.4	73.6	1.3	yes	66	B
S252	69.2	69.3	70.8	1.6	yes	66	B
S253	69.8	69.8	72.5	2.7	yes	66	B
S254	70.9	71	72.3	1.4	yes	66	B
S255	66.4	66.4	69.1	2.7	yes	66	B
S256	68	68.1	70.9	2.9	yes	66	B
S257	69.3	69.3	70.8	1.5	yes	66	B
S258	68.2	68.2	69.8	1.6	yes	66	B
S259	65.3	65.4	67.9	2.6	yes	66	B
S260	66.4	66.4	69.1	2.7	yes	66	B
S261	72.3	72.4	73.7	1.4	yes	66	B
S262	68.2	68.2	69.8	1.6	yes	66	B
S263	69.3	69.3	70.8	1.5	yes	66	B
S264	65.3	65.3	67.9	2.6	yes	66	B
S265	69.9	69.9	72.6	2.7	yes	66	B
S266	66.4	66.4	69.1	2.7	yes	66	B
S267	70.9	70.9	72.3	1.4	yes	66	B
S268	72.4	72.4	73.7	1.3	yes	66	B
S269	68.2	68.2	69.9	1.7	yes	66	B
S270	69.3	69.3	70.8	1.5	yes	66	B
S271	68	68	70.9	2.9	yes	66	B
S272	69.9	69.9	72.6	2.7	yes	66	B
S273	65.3	65.4	67.9	2.6	yes	66	B
S274	66.3	66.4	69.1	2.8	yes	66	B
S275	70.8	70.9	72.3	1.5	yes	66	B
S276	68.2	68.2	69.8	1.6	yes	66	B
S277	65.3	65.4	68	2.7	yes	66	B
S278	68	68	70.9	2.9	yes	66	B
S279	72.3	72.4	73.7	1.4	yes	66	B
S280	69.3	69.3	70.9	1.6	yes	66	B
S281	69.8	69.8	72.6	2.8	yes	66	B
S282	70.8	70.9	72.3	1.5	yes	66	B
S283	66.4	66.4	69.1	2.7	yes	66	B
S284	72.3	72.4	73.7	1.4	yes	66	B
S285	67.9	68	70.9	3	yes	66	B
S286	69.3	69.3	70.9	1.6	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S287	68.2	68.2	69.9	1.7	yes	66	B
S288	69.8	69.9	72.5	2.7	yes	66	B
S289	66.3	66.4	69.1	2.8	yes	66	B
S290	65.3	65.3	67.9	2.6	yes	66	B
S291	70.8	70.9	72.3	1.5	yes	66	B
S292	68.2	68.2	69.9	1.7	yes	66	B
S293	69.2	69.3	70.8	1.6	yes	66	B
S294	68	68.1	71	3	yes	66	B
S295	65.3	65.3	68	2.7	yes	66	B
S296	66.3	66.4	69.1	2.8	yes	66	B
S297	69.3	69.3	70.9	1.6	yes	66	B
S298	68.1	68.2	69.8	1.7	yes	66	B
S299	66.3	66.3	69.1	2.8	yes	66	B
S300	65.3	65.3	67.9	2.6	yes	66	B
S301	68.1	68.2	69.9	1.8	yes	66	B
S302	65.3	65.3	68	2.7	yes	66	B
S303	72.8	72.9	74.2	1.4	yes	66	B
S304	70.5	70.5	73	2.5	yes	66	B
S305	71.6	71.7	73.1	1.5	yes	66	B
S306	72.8	72.9	74.1	1.3	yes	66	B
S307	68.9	69	71.8	2.9	yes	66	B
S308	70.3	70.4	72.9	2.6	yes	66	B
S309	71.6	71.7	73.1	1.5	yes	66	B
S310	68.9	69	71.8	2.9	yes	66	B
S311	72.7	72.8	74	1.3	yes	66	B
S312	69	69.1	70.6	1.6	yes	66	B
S313	71.6	71.7	73.1	1.5	yes	66	B
S314	70.4	70.5	73	2.6	yes	66	B
S315	72.8	72.9	74.2	1.4	yes	66	B
S316	68.3	68.3	70	1.7	yes	66	B
S317	68.8	68.9	71.7	2.9	yes	66	B
S318	66.1	66.1	68.8	2.7	yes	66	B
S319	70.5	70.5	73.1	2.6	yes	66	B
S320	64.7	64.7	67.4	2.7	yes	66	B
S321	71.6	71.7	73.1	1.5	yes	66	B
S322	65.4	65.4	68.1	2.7	yes	66	B
S323	69	69.1	70.6	1.6	yes	66	B
S324	69	69.1	71.9	2.9	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S325	64.7	64.7	67.4	2.7	yes	66	B
S326	70	70.1	72.7	2.7	yes	66	B
S327	68.3	68.3	70	1.7	yes	66	B
S328	66.1	66.1	68.9	2.8	yes	66	B
S329	71.9	71.9	73.3	1.4	yes	66	B
S330	68.3	68.4	71.3	3	yes	66	B
S331	64.6	64.7	67.3	2.7	yes	66	B
S332	65.4	65.4	68.1	2.7	yes	66	B
S333	69.6	69.7	71.3	1.7	yes	66	B
S334	70.7	70.8	72.3	1.6	yes	66	B
S335	70	70	72.7	2.7	yes	66	B
S336	68.9	68.9	70.5	1.6	yes	66	B
S337	71.9	72	73.3	1.4	yes	66	B
S338	66.6	66.7	69.5	2.9	yes	66	B
S339	64.5	64.6	67.3	2.8	yes	66	B
S340	73.2	73.2	74.5	1.3	yes	66	B
S341	68.4	68.5	71.4	3	yes	66	B
S342	69.7	69.7	71.3	1.6	yes	66	B
S343	65.9	65.9	68.6	2.7	yes	66	B
S344	70.7	70.8	72.3	1.6	yes	66	B
S345	70.9	70.9	73.4	2.5	yes	66	B
S346	68.9	68.9	70.6	1.7	yes	66	B
S347	71.8	71.8	73.2	1.4	yes	66	B
S348	66.6	66.7	69.6	3	yes	66	B
S349	73.2	73.2	74.5	1.3	yes	66	B
S350	69.1	69.1	72	2.9	yes	66	B
S351	65.9	66	68.7	2.8	yes	66	B
S352	67.7	67.7	70.7	3	yes	66	B
S353	70.8	70.8	73.4	2.6	yes	66	B
S354	71.8	71.9	73.3	1.5	yes	66	B
S355	70	70	71.6	1.6	yes	66	B
S356	66.4	66.5	69.4	3	yes	66	B
S357	69.2	69.2	72.1	2.9	yes	66	B
S358	69.1	69.1	70.8	1.7	yes	66	B
S359	67.7	67.7	70.7	3	yes	66	B
S360	73.3	73.4	74.6	1.3	yes	66	B
S361	70.1	70.2	71.7	1.6	yes	66	B
S362	71.1	71.1	73.6	2.5	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S363	72.1	72.2	73.6	1.5	yes	66	B
S364	73.5	73.6	74.8	1.3	yes	66	B
S365	66.6	66.6	69.5	2.9	yes	66	B
S366	69.5	69.6	72.4	2.9	yes	66	B
S367	69	69.1	70.7	1.7	yes	66	B
S368	71.2	71.2	73.7	2.5	yes	66	B
S369	72.2	72.2	73.6	1.4	yes	66	B
S370	73.5	73.6	74.8	1.3	yes	66	B
S371	69.6	69.7	72.5	2.9	yes	66	B
S372	71.2	71.3	73.8	2.6	yes	66	B
S373	72.2	72.3	73.6	1.4	yes	66	B
S374	67.7	67.8	69.6	1.9	yes	66	B
S375	73.5	73.6	74.8	1.3	yes	66	B
S376	69.6	69.7	72.5	2.9	yes	66	B
S377	71.2	71.3	73.8	2.6	yes	66	B
S378	64.8	64.8	67.6	2.8	yes	66	B
S379	72.1	72.2	73.6	1.5	yes	66	B
S380	69.4	69.4	71.1	1.7	yes	66	B
S381	69.6	69.7	72.5	2.9	yes	66	B
S382	68.6	68.7	70.4	1.8	yes	66	B
S383	66.4	66.4	69.3	2.9	yes	66	B
S384	67.6	67.7	69.5	1.9	yes	66	B
S385	69.4	69.4	71.1	1.7	yes	66	B
S386	65.6	65.7	68.4	2.8	yes	66	B
S387	64.8	64.8	67.6	2.8	yes	66	B
S388	68.6	68.6	70.4	1.8	yes	66	B
S389	66.3	66.4	69.3	3	yes	66	B
S390	65.6	65.7	68.4	2.8	yes	66	B
S391	67.3	67.4	69.3	2	yes	66	B
S392	64.5	64.5	67.3	2.8	yes	66	B
S393	72.4	72.4	73.8	1.4	yes	66	B
S394	67.2	67.3	69.2	2	yes	66	B
S395	69.8	69.9	72.7	2.9	yes	66	B
S396	72.4	72.5	73.9	1.5	yes	66	B
S397	64.4	64.5	67.3	2.9	yes	66	B
S398	69.8	69.9	72.7	2.9	yes	66	B
S399	68.7	68.8	70.5	1.8	yes	66	B
S400	65.8	65.9	68.8	3	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S401	68.8	68.8	70.6	1.8	yes	66	B
S402	68.5	68.6	71.7	3.2	yes	66	B
S403	65.8	65.9	68.8	3	yes	66	B
S404	67.9	68	71.2	3.3	yes	66	B
S405	67.5	67.6	70.7	3.2	yes	66	B
S406	67.2	67.2	70.4	3.2	yes	66	B
S407	66.8	66.8	70	3.2	yes	66	B
S408	66.5	66.5	69.6	3.1	yes	66	B
S409	66.2	66.3	69.3	3.1	yes	66	B
S410	65.9	65.9	68.8	2.9	yes	66	B
S411	69.7	69.8	72.8	3.1	yes	66	B
S412	69.8	69.8	72.8	3	yes	66	B
S413	67.9	68	71.2	3.3	yes	66	B
S414	67.3	67.3	70.6	3.3	yes	66	B
S415	69.6	69.6	72.7	3.1	yes	66	B
S416	67.1	67.1	70.4	3.3	yes	66	B
S417	69.5	69.6	72.6	3.1	yes	66	B
S418	66.7	66.7	69.9	3.2	yes	66	B
S419	66.4	66.5	69.6	3.2	yes	66	B
S420	69.7	69.7	72.8	3.1	yes	66	B
S421	66.1	66.2	69.2	3.1	yes	66	B
S422	65.7	65.8	68.8	3.1	yes	66	B
S423	69.6	69.7	72.7	3.1	yes	66	B
S424	65.7	65.7	68.7	3	yes	66	B
S425	69.8	69.9	72.9	3.1	yes	66	B
S426	65.8	65.8	68.9	3.1	yes	66	B
S427	69.8	69.8	72.9	3.1	yes	66	B
S428	65.7	65.7	68.8	3.1	yes	66	B
S429	67.9	67.9	71.2	3.3	yes	66	B
S430	65.7	65.7	68.8	3.1	yes	66	B
S431	67.4	67.5	70.8	3.4	yes	66	B
S432	67.1	67.1	70.5	3.4	yes	66	B
S433	65.7	65.8	68.8	3.1	yes	66	B
S434	66.7	66.7	70	3.3	yes	66	B
S435	65.6	65.7	68.7	3.1	yes	66	B
S436	66.3	66.4	69.6	3.3	yes	66	B
S437	66	66	69.2	3.2	yes	66	B
S438	65.6	65.7	68.7	3.1	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S439	69.6	69.7	72.8	3.2	yes	66	B
S440	69.7	69.7	72.8	3.1	yes	66	B
S441	67.5	67.5	70.9	3.4	yes	66	B
S442	69.6	69.7	72.8	3.2	yes	66	B
S443	66.5	66.6	69.9	3.4	yes	66	B
S444	70.5	70.5	72.4	1.9	yes	66	B
S445	69.6	69.7	72.8	3.2	yes	66	B
S446	65.8	65.9	69	3.2	yes	66	B
S447	69.5	69.5	71.5	2	yes	66	B
S448	67.5	67.6	70.9	3.4	yes	66	B
S449	68.8	68.8	70.9	2.1	yes	66	B
S450	64.3	64.3	67.4	3.1	yes	66	B
S451	70.4	70.5	72.4	2	yes	66	B
S452	66.5	66.6	69.9	3.4	yes	66	B
S453	65.1	65.2	68.2	3.1	yes	66	B
S454	64.3	64.4	67.5	3.2	yes	66	B
S455	65.9	65.9	69.1	3.2	yes	66	B
S456	68	68	70.2	2.2	yes	66	B
S457	69.5	69.5	71.5	2	yes	66	B
S458	64.5	64.5	67.6	3.1	yes	66	B
S459	68.8	68.8	70.9	2.1	yes	66	B
S460	65.1	65.1	68.2	3.1	yes	66	B
S461	64.3	64.3	67.4	3.1	yes	66	B
S462	67.9	68	70.1	2.2	yes	66	B
S463	64.4	64.4	67.5	3.1	yes	66	B
S464	64.3	64.4	67.5	3.2	yes	66	B
S465	66.5	66.6	69	2.5	yes	66	B
S466	64.2	64.3	67.4	3.2	yes	66	B
S467	68	68.1	70.3	2.3	yes	66	B
S468	65.9	65.9	69.1	3.2	yes	66	B
S469	69.4	69.5	71.5	2.1	yes	66	B
S470	67.4	67.5	70.9	3.5	yes	66	B
S471	63.9	63.9	67.1	3.2	yes	66	B
S472	66.2	66.2	68.6	2.4	yes	66	B
S473	67.5	67.5	69.8	2.3	yes	66	B
S474	65.3	65.3	68.5	3.2	yes	66	B
S475	68.9	68.9	71	2.1	yes	66	B
S476	66.6	66.6	70	3.4	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
S477	69.9	70	72	2.1	yes	66	B
S478	67.1	67.2	69.5	2.4	yes	66	B
S479	64.9	64.9	68.1	3.2	yes	66	B
S480	68.8	68.9	71	2.2	yes	66	B
S481	66.7	66.7	70.2	3.5	yes	66	B
S482	65.7	65.7	68.9	3.2	yes	66	B
S483	64.4	64.4	67.6	3.2	yes	66	B
S484	66.7	66.7	69.1	2.4	yes	66	B
S485	68.2	68.3	70.5	2.3	yes	66	B
S486	69.2	69.2	71.3	2.1	yes	66	B
S487	65	65.1	68.3	3.3	yes	66	B
S488	65.9	65.9	69.2	3.3	yes	66	B
S489	69.8	69.8	72.9	3.1	yes	66	C
S490	64.7	64.7	67.9	3.2	yes	66	C
S491	69.7	69.8	72.9	3.2	yes	66	C
S492	64.1	64.1	67.3	3.2	yes	66	C
S493	66.5	66.6	70.1	3.6	yes	66	C
S494	62.8	62.8	66	3.2	yes	66	C
S495	67.8	67.8	71	3.2	yes	66	C
S496	67.8	67.9	70.5	2.7	yes	66	C
S497	65.2	65.3	68.3	3.1	yes	66	C
S498	64.3	64.4	67.6	3.3	yes	66	C
T1	64	64	66.5	2.5	yes	66	B
T2	63.7	63.7	66.3	2.6	yes	66	B
T3	63.7	63.6	66.5	2.8	yes	66	B
T4	63.7	63.6	66.4	2.7	yes	66	B
T5	65.2	65.3	67.2	2	yes	66	B
T6	62.6	62.5	65.6	3	no	66	B
T7	62.9	62.8	65.5	2.6	no	66	B
T8	62.6	62.5	65.1	2.5	no	66	B
T9	63.1	62.9	65	1.9	no	66	B
T10	62.5	62.4	64.4	1.9	no	66	B
T11	62.3	62.1	63.5	1.2	no	66	B
T12	62.1	61.9	63.1	1	no	66	B
T13	61.8	61.6	62	0.2	no	66	B
T14	61.9	61.7	61.9	0	no	66	B
T15	73.8	73.9	RELOCATION			66	B
T16	68.2	68.2	69.8	1.6	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
T17	66.3	66.3	68.1	1.8	yes	66	B
T18	70.1	70.1	RELOCATION			66	B
T19	65	65	67	2	yes	66	B
T20	69.7	69.7	71.9	2.2	yes	66	B
T21	67.4	67.4	69.4	2	yes	66	B
T22	65.6	65.6	67.7	2.1	yes	66	B
T23	74.1	74.1	RELOCATION			66	B
T24	65.5	65.5	67.8	2.3	yes	66	B
T25	66.8	66.8	69	2.2	yes	66	B
T26	68.8	68.7	71.1	2.3	yes	66	B
T27	73.8	73.8	RELOCATION			66	B
T28	69.4	69.3	72	2.6	yes	66	B
T29	66.9	66.8	69.4	2.5	yes	66	B
T30	65.2	65.1	67.7	2.5	yes	66	B
T31	73.7	73.6	RELOCATION			66	B
T32	66.3	66.2	68.7	2.4	yes	66	B
T33	73.8	73.8	RELOCATION			66	B
T34	67.6	67.5	70.1	2.5	yes	66	B
T35	65.9	66	68	2.1	yes	66	B
T36	69.1	69	71.7	2.6	yes	66	B
T37	66.9	66.9	69.4	2.5	yes	66	B
T38	65.3	65.3	67.9	2.6	yes	66	B
T39	64.4	64.2	67	2.6	yes	66	B
T40	66.4	66.2	68.9	2.5	yes	66	B
T41	67.9	67.8	70.5	2.6	yes	66	B
T42	64.7	64.6	67.1	2.4	yes	66	B
T43	68.7	68.6	71.2	2.5	yes	66	B
T44	65	64.9	67.3	2.3	yes	66	B
T45	69.5	69.4	72	2.5	yes	66	B
T46	65.1	65	67.2	2.1	yes	66	B
T47	68.8	68.7	71	2.2	yes	66	B
T48	69	68.9	70.9	1.9	yes	66	B
T49	65.1	64.9	66.9	1.8	yes	66	B
T50	68.9	68.8	70.5	1.6	yes	66	B
T51	65.3	65.2	66.9	1.6	yes	66	B
T52	68.8	68.7	70	1.2	yes	66	B
T53	65.3	65.2	66.7	1.4	yes	66	B
T54	68.6	68.5	69.6	1	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
T55	68.3	68.2	69.1	0.8	yes	66	B
T56	64.9	64.8	66	1.1	yes	66	B
T57	68.5	68.4	69.1	0.6	yes	66	B
T58	64.7	64.6	65.6	0.9	no	66	B
T59	63.1	63	64	0.9	no	66	B
T60	67.8	67.7	68.2	0.4	yes	66	B
T61	67.1	67	67.5	0.4	yes	66	B
T62	63.4	63.3	63.8	0.4	no	66	B
T63	66.7	66.6	66.9	0.2	yes	66	B
T64	66.6	66.4	66.7	0.1	yes	66	B
T65	63.2	63.1	63.4	0.2	no	66	B
U1	60.1	60.5	61.7	1.6	no	66	B
U2	57.7	58	59.4	1.7	no	66	B
U3	58.6	58.9	60.2	1.6	no	66	B
U4	58.1	58.3	60	1.9	no	66	B
U5	57.6	57.9	59.7	2.1	no	66	B
U6	59.4	59.7	61.1	1.7	no	66	B
U7	59	59.4	60.9	1.9	no	66	B
U8	61	61.4	62.8	1.8	no	66	B
U9	60.4	60.7	62.4	2	no	66	B
U10	60.2	60.5	62.1	1.9	no	66	B
U11	61.8	61.9	64	2.2	no	66	B
U12	60	60.2	62.4	2.4	no	66	B
U13	60.6	60.9	62.8	2.2	no	66	B
U14	61.4	61.7	63.4	2	no	66	B
U15	47.9	47.9	RELOCATION			51	D
U16	70.7	70.9	73.4	2.7	yes	66	B
U17	68.7	68.8	70.8	2.1	yes	66	B
U18	67.3	67.4	69.1	1.8	yes	66	B
U19	66.4	66.5	68.1	1.7	yes	66	B
U20	64.9	65	66.6	1.7	yes	66	B
U21	64.2	64.3	65.9	1.7	no	66	B
U22	69.1	69.6	71	1.9	yes	66	B
U23	65.3	65.5	67.1	1.8	yes	66	B
U24	66.3	66.5	68.1	1.8	yes	66	B
U25	64.3	64.4	66.1	1.8	yes	66	B
U26	63.3	63.5	65.2	1.9	no	66	B
U27	63.4	63.6	65.3	1.9	no	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
U28	64.5	64.8	66.2	1.7	yes	66	B
U29	66.2	66.7	68	1.8	yes	66	B
U30	62.5	62.7	64.6	2.1	no	66	B
U31	65.1	65.6	66.7	1.6	yes	66	B
U32	62.6	63	64.5	1.9	no	66	B
U33	68.9	69.2	68.5	-0.4	no	71	E
U34	65.5	66.2	66.7	1.2	yes	66	B
U35	62	62.4	63.7	1.7	no	66	B
U36	62.4	62.8	63.4	1	no	66	B
U37	60.8	61.2	62.3	1.5	no	66	B
V1	61.5	61.7	65	3.5	no	66	B
V2	64.2	64.4	67.6	3.4	yes	66	B
V3	61.2	61.4	64.8	3.6	no	66	B
V4	61.6	61.8	66.1	4.5	yes	66	B
V5	64.4	64.7	69	4.6	yes	66	B
V6	61.7	62	66.5	4.8	yes	66	B
V7	64.6	64.9	69.4	4.8	yes	66	B
V8	60.9	61.1	65.2	4.3	no	66	B
V9	63.8	64.1	68.2	4.4	yes	66	B
V10	61	61.4	65.7	4.7	no	66	B
V11	64	64.3	68.6	4.6	yes	66	B
V12	61.3	61.6	66.3	5	yes	66	B
V13	64.2	64.6	69.3	5.1	yes	66	B
V14	61.5	61.9	67.1	5.6	yes	66	B
V15	64.6	64.9	69.9	5.3	yes	66	B
V16	61	61.4	66.3	5.3	yes	66	B
V17	63.9	64.3	68.9	5	yes	66	B
V18	60.8	61.1	65.8	5	no	66	B
V19	63.7	64	68.4	4.7	yes	66	B
V20	60.3	60.7	65.4	5.1	no	66	C
V21	60.6	61	65.7	5.1	no	66	B
V22	63.7	64.1	68.1	4.4	yes	66	B
V23	60.2	60.6	65.2	5	no	66	B
V24	63.6	64	67.7	4.1	yes	66	B
V25	60.4	60.8	65.2	4.8	no	66	B
V26	64	64.4	68.4	4.4	yes	66	B
V27	60.8	61.2	65.8	5	no	66	B
V28	63.5	63.8	67.7	4.2	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
V29	62.9	63.1	66.9	4	yes	66	B
V30	65.6	65.8	69.3	3.7	no	71	E
V31	65.7	65.9	69.8	4.1	yes	66	B
V32	63.8	64	67.8	4	yes	66	B
V33	66.5	66.8	70.7	4.2	yes	66	B
V34	63.1	63.3	67.5	4.4	yes	66	B
V35	64.7	65	69.1	4.4	yes	66	B
V36	65.8	66.1	70.3	4.5	yes	66	B
V37	64.1	64.3	68.6	4.5	yes	66	B
V38	67.4	67.6	71.7	4.3	yes	66	B
V39	65.7	65.9	70.3	4.6	yes	66	B
V40	66.8	67	71.3	4.5	yes	66	B
V41	65	65.2	69.7	4.7	yes	66	B
V42	68.2	68.4	72.7	4.5	yes	66	B
V43	67.7	67.9	72.5	4.8	yes	66	B
V44	66.1	66.3	71.3	5.2	yes	66	B
V45	68.5	68.7	73.4	4.9	yes	66	B
V46	63.9	64.2	67.5	3.6	yes	66	B
W1	62	62.6	63.1	1.1	no	66	B
W2	65	65.5	65.8	0.8	no	66	B
W3	62.2	62.7	63.3	1.1	no	66	B
W4	65.2	65.7	66	0.8	yes	66	B
W5	62.2	62.7	63.7	1.5	no	66	B
W6	65.1	65.7	66.2	1.1	yes	66	B
W7	62.3	62.8	63.8	1.5	no	66	B
W8	65.3	65.8	66.3	1	yes	66	B
W9	61.4	61.9	63.1	1.7	no	66	B
W10	64.3	64.8	65.4	1.1	no	66	B
W11	61.3	61.8	63	1.7	no	66	B
W12	64.2	64.7	65.3	1.1	no	66	B
W13	61.8	62.3	63.6	1.8	no	66	B
W14	64.6	65.2	65.8	1.2	no	66	B
W15	61.6	62.1	63.4	1.8	no	66	B
W16	64.5	65	65.6	1.1	no	66	B
W17	62.8	63.3	64.4	1.6	no	66	B
W18	65.7	66.2	66.7	1	yes	66	B
W19	62.6	63.2	64.2	1.6	no	66	B
W20	65.5	66	66.6	1.1	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
W21	61.5	62.1	63.6	2.1	no	66	B
W22	64.5	65	65.7	1.2	no	66	B
W23	61.5	62.1	63.6	2.1	no	66	B
W24	64.5	65	65.7	1.2	no	66	B
W25	65.3	65.9	66.5	1.2	yes	66	C
W26	65.2	65.7	66.4	1.2	yes	66	C
W27	63.2	63.7	64.1	0.9	no	66	B
W28	66.3	66.8	67	0.7	yes	66	B
W29	63.3	63.9	64.3	1	no	66	B
W30	66.4	66.9	67.2	0.8	yes	66	B
W31	64.4	64.9	65.1	0.7	no	66	B
W32	67.3	67.7	68.1	0.8	yes	66	B
W33	64.3	64.9	65.1	0.8	no	66	B
W34	67.4	67.9	68.3	0.9	yes	66	B
W35	68.9	69.3	69.8	0.9	yes	66	B
W36	65.5	66	66	0.5	yes	66	B
W37	68.3	68.7	69.2	0.9	yes	66	B
W38	65.5	66	66.1	0.6	yes	66	B
W39	69	69.5	70	1	yes	66	B
W40	67	67.5	67.5	0.5	yes	66	B
W41	68.2	68.7	69.2	1	yes	66	B
W42	66.9	67.4	67.4	0.5	yes	66	B
W43	70.3	70.7	71.2	0.9	yes	66	B
W44	69.5	69.9	70.5	1	yes	66	B
W45	66.8	67.3	67.4	0.6	yes	66	B
W46	70.2	70.7	71.2	1	yes	66	B
W47	68.6	69.1	69.3	0.7	yes	66	B
W48	69.6	70	70.6	1	yes	66	B
W49	66.9	67.4	67.6	0.7	yes	66	B
W50	68.4	68.9	69.3	0.9	yes	66	B
W51	71.1	71.5	72.1	1	yes	66	B
W52	68.6	69.1	69.7	1.1	yes	66	B
W53	71	71.4	72	1	yes	66	B
W54	68.5	69	69.8	1.3	yes	66	B
W55	68	68.5	69.4	1.4	yes	66	C
W56	68.1	68.5	69.2	1.1	yes	66	B
W57	68.7	69.2	70.4	1.7	yes	66	B
W58	65	65.6	66.4	1.4	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
W59	71.3	71.7	72.4	1.1	yes	66	B
W60	68	68.5	69.1	1.1	yes	66	B
W61	68.6	69.1	70.3	1.7	yes	66	B
W62	71.1	71.5	72.3	1.2	yes	66	B
W63	65.1	65.6	66.5	1.4	yes	66	B
W64	68	68.5	69.1	1.1	yes	66	B
W65	68.6	69.1	70.4	1.8	yes	66	B
W66	65	65.5	66.4	1.4	yes	66	B
W67	71.1	71.6	72.3	1.2	yes	66	B
W68	68.5	69	70.2	1.7	yes	66	B
W69	68	68.5	69.1	1.1	yes	66	B
W70	65	65.5	66.5	1.5	yes	66	B
W71	71.2	71.6	72.3	1.1	yes	66	B
W72	68.5	69	70.3	1.8	yes	66	B
W73	71.1	71.5	72.2	1.1	yes	66	B
W74	68.5	69	70.2	1.7	yes	66	B
W75	71.2	71.7	72.4	1.2	yes	66	B
W76	68.6	69.1	70.3	1.7	yes	66	B
W77	68.3	68.8	69.4	1.1	yes	66	B
W78	71.2	71.6	72.3	1.1	yes	66	B
W79	68.6	69.1	70.3	1.7	yes	66	B
W80	71.2	71.6	72.3	1.1	yes	66	B
W81	65.7	66.2	67.1	1.4	yes	66	B
W82	68.6	69.1	70.3	1.7	yes	66	B
W83	68.6	69.1	69.8	1.2	yes	66	B
W84	71.3	71.7	72.3	1	yes	66	B
W85	68.7	69.2	70.4	1.7	yes	66	B
W86	71.4	71.8	72.5	1.1	yes	66	B
W87	66.4	66.9	67.7	1.3	yes	66	B
W88	68.7	69.2	70.4	1.7	yes	66	B
W89	71.2	71.6	72.3	1.1	yes	66	B
W90	69.4	69.8	70.5	1.1	yes	66	B
W91	68.9	69.4	70.5	1.6	yes	66	B
W92	66.9	67.4	68.3	1.4	yes	66	B
X1	71.7	72.2	72.3	0.6	yes	66	C
X2	66.2	66.7	66.1	-0.1	yes	66	B
X3	66.2	66.7	66	-0.2	yes	66	B
X4	66.5	67.1	66.8	0.3	no	71	E

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RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
X8	71.8	72.2	73.4	1.6	yes	66	B
X9	69.2	69.7	70.6	1.4	yes	66	B
X10	67.3	67.8	68.4	1.1	yes	66	B
X11	71.3	71.8	73	1.7	yes	66	B
X12	71.9	72.3	73.6	1.7	yes	66	B
X13	65.8	66.3	66.8	1	yes	66	B
X14	71.5	72	73.3	1.8	yes	66	B
X15	64.6	65.1	65.3	0.7	no	66	B
X16	63.7	64.3	64.3	0.6	no	66	B
X17	71.4	71.8	73.1	1.7	yes	66	B
X18	66.4	66.9	67.8	1.4	yes	66	B
X19	65.4	65.9	66.7	1.3	yes	66	B
X20	66.8	67.3	68.3	1.5	yes	66	B
X21	70.7	71.1	72.4	1.7	yes	66	B
X22	64.3	64.8	65.4	1.1	no	66	B
X23	73.5	74	75.4	1.9	yes	66	B
X24	66.4	66.9	67.9	1.5	yes	66	B
X25	66.4	66.9	68	1.6	yes	66	B
X26	68.1	68.6	69.8	1.7	yes	66	B
X27	72.6	73	74.5	1.9	yes	66	B
X28	69.4	69.9	71.1	1.7	yes	66	B
X29	65.2	65.7	66.7	1.5	yes	66	B
X30	66.3	66.9	68	1.7	yes	66	B
X31	69.1	69.6	70.9	1.8	yes	66	B
X32	66.9	67.4	68.7	1.8	yes	66	B
X33	64	64.5	65.4	1.4	no	66	B
X34	64.9	65.5	66.6	1.7	yes	66	B
X35	68.6	69.1	70.5	1.9	yes	66	B
X36	65.4	66	67.2	1.8	yes	66	B
X37	64.6	65.1	66.4	1.8	yes	66	B
X38	66	66.5	68.2	2.2	yes	66	B
X39	69.5	70	72.1	2.6	yes	66	B
X40	70.2	70.7	74	3.8	yes	66	B
X41	67.1	67.7	69.9	2.8	yes	66	B
X42	68.6	69.1	72.2	3.6	yes	66	B
X43	68.5	69	72.4	3.9	yes	66	B
X44	68.4	68.9	72.6	4.2	yes	66	B
X45	67.5	68	71.6	4.1	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
X46	65	65.5	68	3	yes	66	B
X47	67.3	67.8	71.6	4.3	yes	66	B
X48	67.1	67.5	71.5	4.4	yes	66	B
X49	64.2	64.7	67.4	3.2	yes	66	B
X50	67.2	67.6	71.8	4.6	yes	66	B
X51	66.9	67.3	71.5	4.6	yes	66	B
X52	62.7	63.2	65.9	3.2	no	66	B
X53	66.6	67	71.4	4.8	yes	66	B
X54	67.2	67.6	72.1	4.9	yes	66	B
X55	68.2	68.5	73.4	5.2	yes	66	B
X56	67.1	67.4	72.1	5	yes	66	B
X57	62.9	63.4	66.5	3.6	yes	66	B
X58	62.3	62.8	65.8	3.5	no	66	B
X59	67.2	67.5	72.5	5.3	yes	66	B
X60	68	68.3	73.3	5.3	yes	66	B
X61	63.1	63.6	67.1	4	yes	66	B
X62	67	67.3	72.4	5.4	yes	66	B
X63	63.9	64.4	68.4	4.5	yes	66	B
X64	62.6	63.1	66.8	4.2	yes	66	B
X65	66.8	67.1	72.4	5.6	yes	66	B
X66	61.8	62.4	66.1	4.3	yes	66	B
X67	63.4	63.9	68.2	4.8	yes	66	B
X68	62.7	63.2	67.3	4.6	yes	66	B
X69	65.1	65.5	70.4	5.3	yes	66	B
X70	62.9	63.4	67.8	4.9	yes	66	B
X71	62.6	63.1	67.8	5.2	yes	66	B
X72	61.7	62.2	66.4	4.7	yes	66	B
X73	62.5	62.9	67.9	5.4	yes	66	B
X74	61.3	61.8	66.4	5.1	yes	66	B
X75	61	61.5	65.8	4.8	no	66	B
X76	60.6	61.1	65.5	4.9	no	66	B
X77	61.3	61.7	66.6	5.3	yes	66	B
X78	65.5	66.3	69.7	4.2	yes	66	C
Y1	66.6	67	66.5	-0.1	yes	66	B
Y2	67.4	67.8	67.1	-0.3	yes	66	B
Y3	68	68.3	67.3	-0.7	yes	66	B
Y4	68.7	69	67.7	-1	yes	66	B
Y5	62.2	62.6	62.7	0.5	no	66	B

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RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Y6	69.4	69.5	68.3	-1.1	yes	66	B
Y7	63.7	64.1	63.4	-0.3	no	66	B
Y8	69.1	69.2	68.5	-0.6	yes	66	B
Y9	64.2	64.6	63.8	-0.4	no	66	B
Y10	64.3	64.7	63.9	-0.4	no	66	B
Y11	69.4	69.5	69.4	0	yes	66	B
Y12	64.1	64.5	63.9	-0.2	no	66	B
Y13	69.1	69.2	69.8	0.7	yes	66	B
Y14	61.3	61.7	61.8	0.5	no	66	B
Y15	71	71.1	RELOCATION			66	B
Y16	64.2	64.6	64.4	0.2	no	66	B
Y17	63.2	63.7	63.8	0.6	no	66	B
Y18	61.8	62.2	62.4	0.6	no	66	B
Y19	62.4	63.1	64.2	1.8	no	66	B
Y20	64.3	64.9	67.4	3.1	yes	66	B
Y21	60.5	61.3	63.9	3.4	no	66	B
Y22	65.3	65.9	70.4	5.1	yes	66	B
Y23	61.8	62.6	65.8	4	no	66	B
Y24	63	63.8	67.2	4.2	yes	66	B
Y25	64.3	65	68.4	4.1	yes	66	B
Y26	70.6	70.9	RELOCATION			66	B
Y27	72.6	72.8	RELOCATION			66	B
Y28	73.9	74.1	RELOCATION			66	B
Y30	60.8	61.6	64.9	4.1	no	66	C
Y31	59.8	60.3	63.9	4.1	no	66	B
Z1	63	63.9	66.3	3.3	yes	66	B
Z2	65.5	66.1	68.6	3.1	yes	66	B
Z3	61.4	62.4	65.1	3.7	no	66	B
Z4	60	60.9	63.9	3.9	no	66	B
Z5	62.8	63.7	66.1	3.3	yes	66	B
Z6	60.9	61.8	64.4	3.5	no	66	B
Z7	57.9	58.8	62	4.1	no	66	B
Z9	56.8	57.6	60.9	4.1	no	66	B
Z10	56	56.7	60	4	no	66	B
Z12	68.8	69.1	71.2	2.4	yes	66	B
Z13	70.7	69.2	73.1	2.4	yes	66	B
Z14	67.6	70	70.1	2.5	yes	66	B
Z15	69.6	68	72.1	2.5	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Z16	68.9	71	71.3	2.4	yes	66	B
Z17	67.7	68.1	70.1	2.4	yes	66	B
Z18	70.7	69.2	73.1	2.4	yes	66	B
Z19	69.6	70	72.1	2.5	yes	66	B
Z20	68.9	71	71.3	2.4	yes	66	B
Z28	70.7	69.2	73	2.3	yes	66	B
Z29	67.6	69.9	70	2.4	yes	66	B
Z30	64.8	65.5	67.3	2.5	yes	66	B
Z31	63.9	64.6	66.5	2.6	yes	66	B
Z32	66.1	64.4	68.7	2.6	yes	66	B
Z33	63.6	66.3	66.2	2.6	yes	66	B
Z34	65.8	64.1	68.5	2.7	yes	66	B
Z35	63.2	65.9	66	2.8	yes	66	B
Z36	65.3	65.9	67.6	2.3	yes	66	B
Z37	66.9	65.3	69.5	2.6	yes	66	B
Z38	64.4	67.1	66.9	2.5	yes	66	B
Z39	66.5	64.8	69.1	2.6	yes	66	B
Z40	67.3	67.6	69.9	2.6	yes	66	B
Z41	68.5	68.9	71.1	2.6	yes	66	B
Z42	66.1	68.6	68.5	2.4	yes	66	B
Z43	68.1	66.4	70.5	2.4	yes	66	B
Z44	65.7	68.2	68.1	2.4	yes	66	B
Z45	67.7	66	70.2	2.5	yes	66	B
Z46	66.7	69.1	69	2.3	yes	66	B
Z47	67.6	68	69.9	2.3	yes	66	B
Z48	68.9	69.2	71.2	2.3	yes	66	B
Z49	67.6	68	69.9	2.3	yes	66	B
Z50	70.6	69.1	73	2.4	yes	66	B
Z51	69.5	69.9	71.9	2.4	yes	66	B
Z52	68.8	70.9	71.1	2.3	yes	66	B
Z53	67.6	68	69.9	2.3	yes	66	B
Z62	70.6	69.2	73	2.4	yes	66	B
Z66	69.5	69.9	71.9	2.4	yes	66	B
Z67	65.9	66.3	68.5	2.6	yes	66	B
Z68	63.2	65.9	65.9	2.7	no	66	B
Z69	67.5	65.9	70.1	2.6	yes	66	B
Z70	65.1	67.7	67.4	2.3	yes	66	B
Z71	67.2	65.5	69.7	2.5	yes	66	B

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RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Z72	66.7	67.1	69.3	2.6	yes	66	B
Z73	64.1	66.8	66.6	2.5	yes	66	B
Z74	66.2	64.6	68.9	2.7	yes	66	B
Z75	63.7	66.4	66.3	2.6	yes	66	B
Z76	66	66.6	68.3	2.3	yes	66	B
Z77	68	66.3	70.5	2.5	yes	66	B
Z78	65.6	68.1	67.9	2.3	yes	66	B
Z79	64.6	65.2	67	2.4	yes	66	B
Z80	68.8	69.2	71.1	2.3	yes	66	B
Z81	67.5	68	69.8	2.3	yes	66	B
Z82	70.6	69.1	72.9	2.3	yes	66	B
Z83	69.5	69.9	71.9	2.4	yes	66	B
Z84	72.9	73.3	75.2	2.3	yes	66	B
Z85	71	72.9	73.3	2.3	yes	66	B
Z86	72.1	72.4	74.3	2.2	yes	66	B
Z87	72.2	70.9	74.4	2.2	yes	66	B
Z88	70.2	72.2	72.5	2.3	yes	66	B
Z89	71.6	70.2	73.9	2.3	yes	66	B
Z90	69.6	71.6	71.9	2.3	yes	66	B
Z91	71	69.6	73.3	2.3	yes	66	B
Z92	68.9	71	71.3	2.4	yes	66	B
Z93	70.5	69	72.8	2.3	yes	66	B
Z94	68.4	70.6	70.6	2.2	yes	66	B
Z95	70	68.5	72.4	2.4	yes	66	B
Z96	65.9	66.2	68.5	2.6	yes	66	B
Z97	66.4	66.7	68.9	2.5	yes	66	B
Z98	63.7	66.4	66.2	2.5	yes	66	B
Z99	66.8	65.1	69.3	2.5	yes	66	B
Z100	64.2	66.9	66.6	2.4	yes	66	B
Z101	67.1	65.4	69.6	2.5	yes	66	B
Z102	64.6	67.3	67	2.4	yes	66	B
Z103	65.5	66	67.8	2.3	yes	66	B
Z104	67.5	65.8	70	2.5	yes	66	B
Z105	65	67.6	67.3	2.3	yes	66	B
Z106	65.9	66.5	68.2	2.3	yes	66	B
Z107	67.9	66.2	70.4	2.5	yes	66	B
Z108	68.5	70.7	70.8	2.3	yes	66	B
Z109	70.1	68.6	72.5	2.4	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Z110	67.9	70.2	70.2	2.3	yes	66	B
Z111	69.6	68.1	72	2.4	yes	66	B
Z112	69.3	71.3	71.6	2.3	yes	66	B
Z113	70.6	70.8	72.9	2.3	yes	66	B
Z114	71.9	70.5	74.1	2.2	yes	66	B
Z115	69.9	71.9	72.2	2.3	yes	66	B
Z116	71.3	69.9	73.6	2.3	yes	66	B
Z117	70.7	71	73	2.3	yes	66	B
Z118	71.2	73.1	73.5	2.3	yes	66	B
Z119	72.4	71.1	74.6	2.2	yes	66	B
Z122	66.5	66.8	69	2.5	yes	66	B
Z123	63.8	66.6	66.3	2.5	yes	66	B
Z124	66	64.3	68.6	2.6	yes	66	B
Z125	63.5	66.2	66	2.5	yes	66	B
Z126	65.7	64	68.3	2.6	yes	66	B
Z127	64.8	67.4	67.1	2.3	yes	66	B
Z128	66.9	65.2	69.4	2.5	yes	66	B
Z129	64.3	67	66.7	2.4	yes	66	B
Z130	67.4	65.7	69.9	2.5	yes	66	B
Z131	65.4	68	67.6	2.2	yes	66	B
Z132	68.1	66.4	70.5	2.4	yes	66	B
Z133	66.1	68.7	68.3	2.2	yes	66	B
Z134	65.6	66.1	67.8	2.2	yes	66	B
Z135	67.6	65.9	70.1	2.5	yes	66	B
Z136	68.6	68.9	71	2.4	yes	66	B
Z137	67.1	69.5	69.4	2.3	yes	66	B
Z138	68.9	67.3	71.3	2.4	yes	66	B
Z139	66.6	69.1	68.7	2.1	yes	66	B
Z140	69.8	68.3	72.2	2.4	yes	66	B
Z141	67.6	69.9	69.9	2.3	yes	66	B
Z142	69.4	67.8	71.8	2.4	yes	66	B
Z143	68.2	70.5	70.5	2.3	yes	66	B
Z144	69.1	69.5	71.4	2.3	yes	66	B
Z145	70.6	69.2	72.9	2.3	yes	66	B
Z146	68.6	70.8	70.8	2.2	yes	66	B
Z147	70.3	68.7	72.6	2.3	yes	66	B
Z148	69.9	71.9	72.2	2.3	yes	66	B
Z149	71.2	69.8	73.5	2.3	yes	66	B

Noise Technical Report

RA 5 Modified							
Receptor ID	Existing	2040 No-build	2040 Build	Increase over existing	Impact?	NAC	Land use
Z150	72	72.4	74.2	2.2	yes	66	B
Z151	73.9	74.2	76	2.1	yes	66	B
Z152	73	73.3	75.1	2.1	yes	66	B
Z153	70.9	72.8	73.1	2.2	yes	66	B
Z154	73.1	73.3	75.3	2.2	yes	66	B
Z155	72	72.2	74.2	2.2	yes	66	B
Z156	67.1	65.4	69.6	2.5	yes	66	B
Z157	65.1	67.7	67.3	2.2	yes	66	B
Z158	65.6	66.1	67.8	2.2	yes	66	B
Z159	67.7	65.9	70.1	2.4	yes	66	B
Z160	68.1	68.4	70.5	2.4	yes	66	B
Z161	66	68.5	68.1	2.1	yes	66	B
Z162	68.8	67.1	71.2	2.4	yes	66	B
Z163	66.5	69	68.6	2.1	yes	66	B
Z164	68.5	66.7	70.8	2.3	yes	66	B
Z165	67	69.4	69.2	2.2	yes	66	B
Z166	70.1	68.5	72.4	2.3	yes	66	B
Z167	69.3	69.7	71.7	2.4	yes	66	B
Z168	67.6	69.9	69.9	2.3	yes	66	B
Z169	68.3	68.6	70.6	2.3	yes	66	B
Z170	69	69.3	71.2	2.2	yes	66	B
Z171	70.5	68.9	72.8	2.3	yes	66	B
Z172	71	71.4	73.3	2.3	yes	66	B
Z173	69.5	71.6	71.9	2.4	yes	66	B
Z174	71	71.2	73.3	2.3	yes	66	B
Z175	72.2	70.8	74.4	2.2	yes	66	B
Z176	71.6	71.9	73.8	2.2	yes	66	B
Z177	70.2	72.2	72.5	2.3	yes	66	B
Z178	72.1	72.3	74.3	2.2	yes	66	B
Z179	73	71.7	75.2	2.2	yes	66	B
Z180	68.4	68.6	71	2.6	yes	66	B
Z181	66.3	66.6	68.8	2.5	yes	66	B
Z182	64.3	64.8	66.8	2.5	yes	66	B
Z183	64.1	64.5	66.5	2.4	yes	66	B
Z184	65.6	65.9	68.1	2.5	yes	66	B
Z185	68.4	68.5	70.9	2.5	yes	66	B
Z186	63.6	63.8	66.1	2.5	yes	66	B