

**APPENDIX B.2.2**  
**NOISE IMPACT ASSESSMENT TABLES FOR STUDY AREA 2**

- FEIS SELECTED ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 2
- MODIFIED SELECTED ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 2
- NO-ACTION ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 2

## FEIS SELECTED ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 2

| Receiver                        | Existing Sound Level (dBA) | EIS Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|---------------------------------|----------------------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                 |                            |                                       |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Noise Sensitive Area 1          |                            |                                       |                                                  |                                           |                         |                                     |
| Riverfront Park (RivPk) Benches | 64                         | 69                                    | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 50'           | 65                         | 68                                    | 3                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 100'          | 65                         | 68                                    | 3                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 200'          | 64                         | 68                                    | 4                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 300'          | 63                         | 68                                    | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 400'          | 63                         | 67                                    | 4                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 500'          | 63                         | 67                                    | 4                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 600'          | 62                         | 67                                    | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 800'          | 60                         | 65                                    | 5                                                | 67                                        | No                      | No                                  |
| RivPk Upper Trail 50'           | 66                         | 70                                    | 4                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 100'          | 66                         | 71                                    | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 200'          | 65                         | 70                                    | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 300'          | 65                         | 69                                    | 4                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 400'          | 64                         | 69                                    | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 500'          | 63                         | 68                                    | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 600'          | 63                         | 67                                    | 4                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 800'          | 62                         | 66                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 420 W Riverside                 | 66                         | 70                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 418 W Riverside                 | 65                         | 70                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 416 W Riverside                 | 65                         | 70                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 402 W Riverside                 | 64                         | 69                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 330 W Riverside                 | 63                         | 68                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 328 W Riverside                 | 60                         | 65                                    | 5                                                | 67                                        | No                      | No                                  |
| 431 W Market                    | 66                         | 69                                    | 3                                                | 67                                        | Yes                     | No                                  |
| 427 W Market                    | 64                         | 68                                    | 4                                                | 67                                        | Yes                     | No                                  |

| Receiver                          | Existing Sound Level (dBA) | EIS Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-----------------------------------|----------------------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                   |                            |                                       |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 421 W Market                      | 63                         | 68                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 419 W Market                      | 64                         | 68                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 415 W Market                      | 63                         | 68                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 335 W Market                      | 61                         | 66                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 125 Clark (4 Apts)                | 62                         | 67                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 123 Clark                         | 63                         | 67                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 115 Clark                         | 64                         | 68                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 120 Clark                         | 62                         | 67                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 432 W Market                      | 66                         | 69                                    | 3                                                | 67                                        | Yes                     | No                                  |
| 430 W Market                      | 66                         | 69                                    | 3                                                | 67                                        | Yes                     | No                                  |
| 426 W Market                      | 65                         | 68                                    | 3                                                | 67                                        | Yes                     | No                                  |
| 420 W Market                      | 64                         | 68                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 418 W Market                      | 64                         | 68                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 416 W Market                      | 62                         | 66                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 412 W Market                      | 61                         | 66                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 408 W Market                      | 61                         | 65                                    | 4                                                | 67                                        | No                      | No                                  |
| 404 W Market                      | 61                         | 64                                    | 3                                                | 67                                        | No                      | No                                  |
| 402 W Market                      | 60                         | 65                                    | 5                                                | 67                                        | No                      | No                                  |
| 334 W Market                      | 61                         | 66                                    | 5                                                | 67                                        | Yes                     | No                                  |
| Noise Sensitive Area 2            |                            |                                       |                                                  |                                           |                         |                                     |
| 600 W Riverside (not a residence) | 70                         | 69                                    | -1                                               | NA                                        | No                      | No                                  |
| Harbours A-600TH-1                | 70                         | 69                                    | -1                                               | 67                                        | Yes                     | No                                  |
| Harbours A-600TH-2                | 71                         | 70                                    | -1                                               | 67                                        | Yes                     | No                                  |
| Harbours A-321                    | 69                         | 70                                    | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours A-421                    | 71                         | 72                                    | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours A-521                    | 73                         | 75                                    | 2                                                | 67                                        | Yes                     | No                                  |

| Receiver           | Existing Sound Level (dBA) | EIS Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|--------------------|----------------------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                    |                            |                                       |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Harbours A-621     | 74                         | 75                                    | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours A-721     | 74                         | 75                                    | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours A-821     | 73                         | 75                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours A-921     | 73                         | 75                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours A-1021    | 73                         | 75                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours A-1114    | 74                         | 75                                    | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours B-602TH-2 | 69                         | 70                                    | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours B-320     | 70                         | 71                                    | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours B-420     | 69                         | 71                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-520     | 71                         | 73                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-620     | 72                         | 74                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-720     | 72                         | 74                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-820     | 72                         | 74                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-920     | 72                         | 74                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-1020    | 72                         | 74                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-1114    | 72                         | 74                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-610TH-1 | 68                         | 69                                    | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours I-610TH-2 | 68                         | 70                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-316     | 67                         | 69                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-416     | 68                         | 70                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-516     | 70                         | 72                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-616     | 70                         | 73                                    | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours I-716     | 71                         | 73                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-816     | 71                         | 73                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-916     | 71                         | 73                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-1016    | 71                         | 73                                    | 2                                                | 67                                        | Yes                     | No                                  |

| Receiver                   | Existing Sound Level (dBA) | EIS Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|----------------------------|----------------------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                            |                            |                                       |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Harbours I-1112            | 71                         | 73                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-618TH-1         | 67                         | 69                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-618TH-2         | 67                         | 69                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-312             | 65                         | 67                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-412             | 65                         | 67                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-512             | 66                         | 68                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-612             | 67                         | 69                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-712             | 67                         | 70                                    | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours J-812             | 68                         | 70                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-912             | 68                         | 70                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-1012            | 68                         | 70                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-1110            | 68                         | 71                                    | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours Pool              | 56                         | 56                                    | 0                                                | 67                                        | No                      | No                                  |
| Harbours Gazebo            | 60                         | 63                                    | 3                                                | 67                                        | No                      | No                                  |
| Kingfish Patio             | 63                         | 64                                    | 1                                                | 72                                        | No                      | No                                  |
| Buckhead Patio             | 58                         | 59                                    | 1                                                | 72                                        | No                      | No                                  |
| Rocky's Patio              | 60                         | 61                                    | 1                                                | 72                                        | No                      | No                                  |
| Bristol Patio              | 60                         | 60                                    | 0                                                | 72                                        | No                      | No                                  |
| 1003 W Market (w of US 31) | 65                         | 63                                    | -2                                               | 67                                        | No                      | No                                  |
| Noise Sensitive Area 3     |                            |                                       |                                                  |                                           |                         |                                     |
| Colston Basketball Court   | 66                         | 66                                    | 0                                                | 67                                        | Yes                     | No                                  |
| Colston Park Other         | 65                         | 67                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Colston Playground         | 64                         | 67                                    | 3                                                | 67                                        | Yes                     | No                                  |
| Colston Softball Diamond   | 61                         | 65                                    | 4                                                | 67                                        | No                      | No                                  |
| 419 W Maple                | 63                         | 67                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 417 W Maple                | 62                         | 66                                    | 4                                                | 67                                        | Yes                     | No                                  |

| Receiver                                    | Existing Sound Level (dBA) | EIS Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|---------------------------------------------|----------------------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                             |                            |                                       |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 413 W Maple                                 | 63                         | 66                                    | 3                                                | 67                                        | Yes                     | No                                  |
| 409 W Maple                                 | 62                         | 65                                    | 3                                                | 67                                        | No                      | No                                  |
| W Maple Baptist Church                      | 63                         | 67                                    | 4                                                | 52 (Interior)                             | No                      | No                                  |
| 338 W Maple                                 | 63                         | 68                                    | 5                                                | 67                                        | Yes                     | No                                  |
| 336-334 W Maple                             | 62                         | 65                                    | 3                                                | 67                                        | No                      | No                                  |
| 334 W Maple                                 | 60                         | 63                                    | 3                                                | 67                                        | No                      | No                                  |
| 332 W Maple                                 | 60                         | 64                                    | 4                                                | 67                                        | No                      | No                                  |
| 330 W Maple                                 | 59                         | 63                                    | 4                                                | 67                                        | No                      | No                                  |
| 328 W Maple                                 | 58                         | 62                                    | 4                                                | 67                                        | No                      | No                                  |
| 326 W Maple                                 | 58                         | 62                                    |                                                  | 67                                        | No                      | No                                  |
| 322 W Maple                                 | 58                         | 62                                    | 4                                                | 67                                        | No                      | No                                  |
| 320 W Maple                                 | 58                         | 62                                    | 4                                                | 67                                        | No                      | No                                  |
| 310 W Maple Bev Manor Apts                  | 57                         | 61                                    | 4                                                | 67                                        | No                      | No                                  |
| Rose Hill Residences, southern picnic table | 62                         | 66                                    | 4                                                | 67                                        | Yes                     | No                                  |
| Rose Hill Residences, northern picnic table | 60                         | 64                                    | 4                                                | 67                                        | No                      | No                                  |
| Hardee's on W Court                         | 63                         | 66                                    | 3                                                | 72                                        | No                      | No                                  |
| Noise Sensitive Area 4                      |                            |                                       |                                                  |                                           |                         |                                     |
| Fairfield Patio                             | 62                         | 65                                    | 3                                                | 72                                        | No                      | No                                  |
| Towne Place Pool                            | 59                         | 59                                    | 0                                                | 72                                        | No                      | No                                  |
| Kye's (Water Tower Square, WTS)             | 66                         | 64                                    | -2                                               | 67                                        | No                      | No                                  |
| Metro MRI (WTS)                             | 64                         | 64                                    | 0                                                | 52 (Interior)                             | No                      | No                                  |
| Lunch Today Patio (WTS)                     | 65                         | 65                                    | 0                                                | 72                                        | No                      | No                                  |
| Early Images (WTS)                          | 65                         | 65                                    | 0                                                | 52 (Interior)                             | No                      | No                                  |
| WTS Picnic Area 1 (The 350 Building)        | 49                         | 50                                    | 1                                                | 67                                        | No                      | No                                  |

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|-----------------------------------------------------|----------------------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                                     |                            |                                       |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| WTS Picnic Area 2 (The 400 Building)                | 50                         | 50                                    | 0                                                | 67                                        | No                      | No                                  |
| Heart Clinic North Shore Drive                      | 68                         | 70                                    | 2                                                | 52 (Interior)                             | No                      | No                                  |
| Kentuckiana Diagnostics                             | 67                         | 64                                    | -4                                               | 52 (Interior)                             | No                      | No                                  |
| Louisville Municipal Bridge monument                | 69                         | 67                                    | -3                                               | 72                                        | No                      | No                                  |
| Noise Sensitive Area 5                              |                            |                                       |                                                  |                                           |                         |                                     |
| 500 Indiana Apts 1 <sup>st</sup> floor (4 apts)     | 66                         | 68                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 500 Indiana Apts 2 <sup>nd</sup> floor (4 apts)     | 68                         | 70                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 514 Indiana                                         | 65                         | 68                                    | 3                                                | 67                                        | Yes                     | No                                  |
| 526 Indiana                                         | 63                         | 67                                    | 4                                                | 67                                        | Yes                     | No                                  |
| 528 Indiana                                         | 62                         | 67                                    | 3                                                | 67                                        | Yes                     | No                                  |
| Ohio Ave Apts (4 apts)                              | 64                         | 66                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 509 Ohio                                            | 63                         | 65                                    | 2                                                | 67                                        | No                      | No                                  |
| 511 Ohio                                            | 63                         | 65                                    | 2                                                | 67                                        | No                      | No                                  |
| 515 Ohio 1                                          | 62                         | 65                                    | 3                                                | 67                                        | No                      | No                                  |
| 515 Ohio 2                                          | 62                         | 65                                    | 3                                                | 67                                        | No                      | No                                  |
| 523 Ohio                                            | 62                         | 65                                    | 3                                                | 67                                        | No                      | No                                  |
| 525 Ohio                                            | 62                         | 66                                    | 4                                                | 67                                        | Yes                     | No                                  |
| Douglas Cotton Dentistry, on 6 <sup>th</sup> Street | 62                         | 67                                    | 5                                                | 52 (Interior)                             | No                      | No                                  |
| Noise Sensitive Area 6                              |                            |                                       |                                                  |                                           |                         |                                     |
| 702 Indiana                                         | 60                         | 63                                    | 2                                                | 67                                        | No                      | No                                  |
| 706 Indiana (2 SFR)                                 | 61                         | 62                                    | 2                                                | 67                                        | No                      | No                                  |
| 710 Indiana (2 SFR)                                 | 60                         | 62                                    | 2                                                | 67                                        | No                      | No                                  |
| 714 Indiana                                         | 60                         | 62                                    | 2                                                | 67                                        | No                      | No                                  |
| 804 Indiana (6 SFR)                                 | 59                         | 61                                    | 2                                                | 67                                        | No                      | No                                  |

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|---------------------------------|----------------------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                 |                            |                                       |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 816 Indiana (12 apts.)          | 59                         | 62                                    | 2                                                | 67                                        | No                      | No                                  |
| 701 Ohio                        | 60                         | 62                                    | 2                                                | 67                                        | No                      | No                                  |
| 711 Ohio                        | 60                         | 61                                    | 2                                                | 67                                        | No                      | No                                  |
| 721 Ohio (2 SFR)                | 59                         | 61                                    | 2                                                | 67                                        | No                      | No                                  |
| 727 Ohio                        | 59                         | 61                                    | 2                                                | 67                                        | No                      | No                                  |
| 301 W 8th                       | 57                         | 59                                    | 2                                                | 67                                        | No                      | No                                  |
| 809 Ohio                        | 55                         | 58                                    | 2                                                | 67                                        | No                      | No                                  |
| 819 Ohio                        | 56                         | 59                                    | 3                                                | 67                                        | No                      | No                                  |
| Open space - N 250' W of Ind.   | 61                         | 64                                    | 2                                                | -----                                     | No                      | No                                  |
| Open space - N 150' W of Ind.   | 61                         | 63                                    | 3                                                | -----                                     | No                      | No                                  |
| Open space - N 50' W of Ind.    | 60                         | 63                                    | 3                                                | -----                                     | No                      | No                                  |
| Open space - Mid 250' W of Ind. | 62                         | 63                                    | 1                                                | -----                                     | No                      | No                                  |
| Open space - Mid 150' W of Ind. | 62                         | 63                                    | 1                                                | -----                                     | No                      | No                                  |
| Open space - Mid 50' W of Ind.  | 61                         | 62                                    | 2                                                | -----                                     | No                      | No                                  |
| Open space - S 250' W of Ind.   | 63                         | 66                                    | 3                                                | -----                                     | No                      | No                                  |
| Open space - S 150' W of Ind    | 63                         | 65                                    | 2                                                | -----                                     | No                      | No                                  |
| Open space - S 50' W of Ind     | 62                         | 64                                    | 2                                                | -----                                     | No                      | No                                  |
| Noise Sensitive Area 7          |                            |                                       |                                                  |                                           |                         |                                     |
| Colgate-Palmolive South (H53)   | 63                         | 65                                    | 2                                                | 72                                        | No                      | No                                  |
| Colgate-Palmolive Central (H54) | 64                         | 65                                    | 1                                                | 72                                        | No                      | No                                  |
| 1-KOA Mid1 (5 sites)            | 55                         | 56                                    | 1                                                | 67                                        | No                      | No                                  |
| 1-KOA Mid2 (5 sites)            | 55                         | 56                                    | 1                                                | 67                                        | No                      | No                                  |
| 1-KOA Mid3 (5 sites)            | 55                         | 57                                    | 2                                                | 67                                        | No                      | No                                  |
| 1-KOA Mid4 (5 sites)            | 56                         | 58                                    | 2                                                | 67                                        | No                      | No                                  |
| 1-KOA North (3 sites)           | 58                         | 60                                    | 2                                                | 67                                        | No                      | No                                  |
| 2-KOA South (9 sites)           | 55                         | 56                                    | 1                                                | 67                                        | No                      | No                                  |



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|                               |                            |                                       |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 1401 Mitchell (former school) | 65                         | 66                                    | 1                                                | 52 (Interior)                             | No                      | No                                  |
| 510 14th St.                  | 63                         | 64                                    | 1                                                | 67                                        | No                      | No                                  |
| Serenity House - NW side      | 71                         | 73                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Serenity House – front        | 62                         | 63                                    | 1                                                | 52 (Interior)                             | No                      | No                                  |
| 130 Homestead (2 SFR)         | 71                         | 73                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 122 Homestead (2 SFR)         | 70                         | 71                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 111 Homestead                 | 73                         | 75                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 101 Homestead                 | 73                         | 75                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 114 Homestead (2 SFR)         | 69                         | 70                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 102 Homestead                 | 68                         | 69                                    | 2                                                | 67                                        | Yes                     | No                                  |
| Noise Sensitive Area 10       |                            |                                       |                                                  |                                           |                         |                                     |
| 216 Stansifer (2 SFR)         | 64                         | 66                                    | 1                                                | 67                                        | Yes                     | No                                  |
| 212 Stansifer (2 SFR)         | 62                         | 64                                    | 1                                                | 67                                        | No                      | No                                  |
| 122 Stansifer (2 SFR)         | 61                         | 62                                    | 2                                                | 67                                        | No                      | No                                  |
| 229 S. State                  | 68                         | 70                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 223 S. State                  | 69                         | 71                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 215 S. State (3 SFR)          | 69                         | 72                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 201 S. State (2 SFR)          | 71                         | 73                                    | 3                                                | 67                                        | Yes                     | No                                  |
| 231 E. Norwood                | 70                         | 72                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 126 Sunset                    | 67                         | 69                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 114 Sunset (2 SFR)            | 68                         | 70                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 100 Sunset                    | 69                         | 71                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 145 E. Harrison (2 SFR)       | 69                         | 71                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 139 E. Harrison               | 65                         | 67                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 230 Sunset (2 SFR)            | 65                         | 66                                    | 1                                                | 67                                        | Yes                     | No                                  |
| 212 Sunset (4 SFR)            | 64                         | 66                                    | 2                                                | 67                                        | Yes                     | No                                  |

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|                         |                            |                                       |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 200 E. Norwood (2 SFR)  | 65                         | 67                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 130 Sunset              | 65                         | 67                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 119 Sunset (3 SFR)      | 64                         | 66                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 103 Sunset (2 SFR)      | 65                         | 67                                    | 2                                                | 67                                        | Yes                     | No                                  |
| 125 E. Harrison (2 SFR) | 61                         | 63                                    | 2                                                | 67                                        | No                      | No                                  |
| 231 Sunset (2 SFR)      | 65                         | 65                                    | 1                                                | 67                                        | No                      | No                                  |
| 215 Sunset (3 SFR)      | 61                         | 63                                    | 2                                                | 67                                        | No                      | No                                  |
| 201 Sunset (3 SFR)      | 62                         | 64                                    | 2                                                | 67                                        | No                      | No                                  |
| 131 Sunset (2 SFR)      | 63                         | 65                                    | 2                                                | 67                                        | No                      | No                                  |
| 117 E. Harrison (3 SFR) | 60                         | 62                                    | 2                                                | 67                                        | No                      | No                                  |

## MODIFIED SELECTED ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 2

| Receiver                        | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|---------------------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                 |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Noise Sensitive Area 1          |                            |                                            |                                                  |                                           |                         |                                     |
| Riverfront Park (RivPk) Benches | 64                         | 69                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 50'           | 65                         | 68                                         | 3                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 100'          | 65                         | 68                                         | 4                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 200'          | 64                         | 69                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 300'          | 63                         | 68                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 400'          | 63                         | 68                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 500'          | 63                         | 67                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 600'          | 62                         | 67                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 800'          | 60                         | 66                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 50'           | 66                         | 70                                         | 4                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 100'          | 66                         | 71                                         | 5                                                | 67                                        | Yes                     | No                                  |

| Receiver               | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|------------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                        |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| RivPk Upper Trail 200' | 65                         | 70                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 300' | 65                         | 70                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 400' | 64                         | 69                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 500' | 63                         | 68                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 600' | 63                         | 68                                         | 5                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 800' | 62                         | 66                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 420 W Riverside        | 66                         | 70                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 418 W Riverside        | 65                         | 70                                         | 6                                                | 67                                        | Yes                     | No                                  |
| 416 W Riverside        | 65                         | 70                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 402 W Riverside        | 64                         | 69                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 330 W Riverside        | 63                         | 69                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 328 W Riverside        | 60                         | 65                                         | 5                                                | 67                                        | No                      | No                                  |
| 431 W Market           | 66                         | 70                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 427 W Market           | 64                         | 68                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 421 W Market           | 63                         | 68                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 419 W Market           | 64                         | 68                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 415 W Market           | 63                         | 68                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 335 W Market           | 61                         | 66                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 125 Clark (4 Apts)     | 62                         | 67                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 123 Clark              | 63                         | 68                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 115 Clark              | 64                         | 68                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 120 Clark              | 62                         | 68                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 432 W Market           | 66                         | 69                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 430 W Market           | 66                         | 69                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 426 W Market           | 65                         | 68                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 420 W Market           | 64                         | 68                                         | 4                                                | 67                                        | Yes                     | No                                  |

| Receiver                          | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-----------------------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                   |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 418 W Market                      | 64                         | 68                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 416 W Market                      | 62                         | 67                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 412 W Market                      | 61                         | 66                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 408 W Market                      | 61                         | 66                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 404 W Market                      | 61                         | 65                                         | 4                                                | 67                                        | No                      | No                                  |
| 402 W Market                      | 60                         | 66                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 334 W Market                      | 61                         | 66                                         | 5                                                | 67                                        | Yes                     | No                                  |
| Noise Sensitive Area 2            |                            |                                            |                                                  |                                           |                         |                                     |
| 600 W Riverside (not a residence) | 70                         | 69                                         | -1                                               | NA                                        | No                      | No                                  |
| Harbours A-600TH-1                | 70                         | 69                                         | -1                                               | 67                                        | Yes                     | No                                  |
| Harbours A-600TH-2                | 71                         | 70                                         | -1                                               | 67                                        | Yes                     | No                                  |
| Harbours A-321                    | 69                         | 71                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours A-421                    | 71                         | 73                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours A-521                    | 73                         | 75                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours A-621                    | 74                         | 76                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours A-721                    | 74                         | 76                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours A-821                    | 73                         | 76                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours A-921                    | 73                         | 76                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours A-1021                   | 73                         | 75                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours A-1114                   | 74                         | 76                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-602TH-2                | 69                         | 70                                         | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours B-320                    | 70                         | 72                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-420                    | 69                         | 71                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-520                    | 71                         | 74                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours B-620                    | 72                         | 74                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-720                    | 72                         | 74                                         | 2                                                | 67                                        | Yes                     | No                                  |

| Receiver           | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|--------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                    |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Harbours B-820     | 72                         | 74                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-920     | 72                         | 74                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-1020    | 72                         | 74                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours B-1114    | 72                         | 75                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours I-610TH-1 | 68                         | 69                                         | 1                                                | 67                                        | Yes                     | No                                  |
| Harbours I-610TH-2 | 68                         | 70                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-316     | 67                         | 69                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-416     | 68                         | 70                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-516     | 70                         | 72                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-616     | 70                         | 73                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours I-716     | 71                         | 73                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-816     | 71                         | 73                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-916     | 71                         | 73                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-1016    | 71                         | 73                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours I-1112    | 71                         | 73                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-618TH-1 | 67                         | 69                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-618TH-2 | 67                         | 69                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-312     | 65                         | 67                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-412     | 65                         | 67                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-512     | 66                         | 68                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-612     | 67                         | 70                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours J-712     | 67                         | 70                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Harbours J-812     | 68                         | 70                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-912     | 68                         | 70                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-1012    | 68                         | 70                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Harbours J-1110    | 68                         | 71                                         | 3                                                | 67                                        | Yes                     | No                                  |

| Receiver                   | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|----------------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                            |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Harbours Pool              | 56                         | 57                                         | 1                                                | 67                                        | No                      | No                                  |
| Harbours Gazebo            | 60                         | 63                                         | 3                                                | 67                                        | No                      | No                                  |
| Kingfish Patio             | 63                         | 65                                         | 2                                                | 72                                        | No                      | No                                  |
| Buckhead Patio             | 58                         | 60                                         | 2                                                | 72                                        | No                      | No                                  |
| Rocky's Patio              | 60                         | 61                                         | 1                                                | 72                                        | No                      | No                                  |
| Bristol Patio              | 60                         | 61                                         | 1                                                | 72                                        | No                      | No                                  |
| 1003 W Market (w of US 31) | 65                         | 63                                         | -2                                               | 67                                        | No                      | No                                  |
| Noise Sensitive Area 3     |                            |                                            |                                                  |                                           |                         |                                     |
| Colston Basketball Court   | 66                         | 66                                         | 0                                                | 67                                        | Yes                     | No                                  |
| Colston Park Other         | 65                         | 68                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Colston Playground         | 64                         | 67                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Colston Softball Diamond   | 61                         | 65                                         | 4                                                | 67                                        | No                      | No                                  |
| 419 W Maple                | 63                         | 68                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 417 W Maple                | 62                         | 66                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 413 W Maple                | 63                         | 67                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 409 W Maple                | 62                         | 66                                         | 4                                                | 67                                        | Yes                     | No                                  |
| W Maple Baptist Church     | 63                         | 67                                         | 4                                                | 52 (Interior)                             | No                      | No                                  |
| 338 W Maple                | 63                         | 69                                         | 6                                                | 67                                        | Yes                     | No                                  |
| 336-334 W Maple            | 62                         | 66                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 334 W Maple                | 60                         | 64                                         | 4                                                | 67                                        | No                      | No                                  |
| 332 W Maple                | 60                         | 64                                         | 4                                                | 67                                        | No                      | No                                  |
| 330 W Maple                | 59                         | 63                                         | 4                                                | 67                                        | No                      | No                                  |
| 328 W Maple                | 58                         | 63                                         | 5                                                | 67                                        | No                      | No                                  |
| 326 W Maple                | 58                         | 62                                         | 4                                                | 67                                        | No                      | No                                  |
| 322 W Maple                | 58                         | 62                                         | 4                                                | 67                                        | No                      | No                                  |
| 320 W Maple                | 58                         | 62                                         | 4                                                | 67                                        | No                      | No                                  |

| Receiver                                        | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-------------------------------------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                                 |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 310 W Maple Bev Manor Apts                      | 57                         | 62                                         | 5                                                | 67                                        | No                      | No                                  |
| Rose Hill Residences, southern picnic table     | 62                         | <b>66</b>                                  | 4                                                | 67                                        | Yes                     | No                                  |
| Rose Hill Residences, northern picnic table     | 60                         | 65                                         | 5                                                | 67                                        | No                      | No                                  |
| Hardee's on W Court                             | 63                         | 66                                         | 3                                                | 72                                        | No                      | No                                  |
| Noise Sensitive Area 4                          |                            |                                            |                                                  |                                           |                         |                                     |
| Fairfield Patio                                 | 62                         | 64                                         | 2                                                | 72                                        | No                      | No                                  |
| TownePlace Pool                                 | 59                         | 59                                         | 0                                                | 72                                        | No                      | No                                  |
| Kye's (Water Tower Square, WTS)                 | 66                         | 63                                         | -2                                               | 67                                        | No                      | No                                  |
| Metro MRI (WTS)                                 | 64                         | 61                                         | -3                                               | 52 (Interior)                             | No                      | No                                  |
| Lunch Today Patio (WTS)                         | 65                         | 63                                         | -3                                               | 72                                        | No                      | No                                  |
| Early Images (WTS)                              | 65                         | 63                                         | -2                                               | 52 (Interior)                             | No                      | No                                  |
| WTS Picnic Area 1 (The 350 Building)            | 49                         | 49                                         | 0                                                | 67                                        | No                      | No                                  |
| WTS Picnic Area 2 (The 400 Building)            | 50                         | 49                                         | 0                                                | 67                                        | No                      | No                                  |
| Heart Clinic North Shore Drive                  | 68                         | 70                                         | 1                                                | 52 (Interior)                             | No                      | No                                  |
| Kentuckiana Diagnostics                         | 67                         | 65                                         | -2                                               | 52 (Interior)                             | No                      | No                                  |
| Louisville Municipal Bridge monument            | 69                         | 69                                         | 0                                                | 72                                        | No                      | No                                  |
| Noise Sensitive Area 5                          |                            |                                            |                                                  |                                           |                         |                                     |
| 500 Indiana Apts 1 <sup>st</sup> floor (4 apts) | 66                         | 70                                         | 4                                                | 67                                        | <b>Yes</b>              | No                                  |
| 500 Indiana Apts 2 <sup>nd</sup> floor (4 apts) | 68                         | 72                                         | 4                                                | 67                                        | <b>Yes</b>              | No                                  |
| 514 Indiana                                     | 65                         | 70                                         | 5                                                | 67                                        | <b>Yes</b>              | No                                  |
| 526 Indiana                                     | 63                         | 69                                         | 6                                                | 67                                        | <b>Yes</b>              | No                                  |
| 528 Indiana                                     | 62                         | 69                                         | 7                                                | 67                                        | <b>Yes</b>              | No                                  |

| Receiver                                            | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-----------------------------------------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                                     |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Ohio Ave Apts (4 apts)                              | 64                         | 67                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 509 Ohio                                            | 63                         | 67                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 511 Ohio                                            | 63                         | 67                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 515 Ohio 1                                          | 62                         | 66                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 515 Ohio 2                                          | 62                         | 66                                         | 4                                                | 67                                        | Yes                     | No                                  |
| 523 Ohio                                            | 62                         | 67                                         | 5                                                | 67                                        | Yes                     | No                                  |
| 525 Ohio                                            | 62                         | 67                                         | 4                                                | 67                                        | Yes                     | No                                  |
| Douglas Cotton Dentistry, on 6 <sup>th</sup> Street | 62                         | 67                                         | 5                                                | 52 (Interior)                             | No                      | No                                  |
| Noise Sensitive Area 6                              |                            |                                            |                                                  |                                           |                         |                                     |
| 702 Indiana                                         | 60                         | 63                                         | 2                                                | 67                                        | No                      | No                                  |
| 706 Indiana (2 SFR)                                 | 61                         | 62                                         | 2                                                | 67                                        | No                      | No                                  |
| 710 Indiana (2 SFR)                                 | 60                         | 62                                         | 2                                                | 67                                        | No                      | No                                  |
| 714 Indiana                                         | 60                         | 62                                         | 2                                                | 67                                        | No                      | No                                  |
| 804 Indiana (6 SFR)                                 | 59                         | 61                                         | 2                                                | 67                                        | No                      | No                                  |
| 816 Indiana (12 apts.)                              | 59                         | 62                                         | 2                                                | 67                                        | No                      | No                                  |
| 701 Ohio                                            | 60                         | 61                                         | 2                                                | 67                                        | No                      | No                                  |
| 711 Ohio                                            | 60                         | 61                                         | 2                                                | 67                                        | No                      | No                                  |
| 721 Ohio (2 SFR)                                    | 59                         | 61                                         | 2                                                | 67                                        | No                      | No                                  |
| 727 Ohio                                            | 59                         | 61                                         | 2                                                | 67                                        | No                      | No                                  |
| 301 W 8th                                           | 57                         | 59                                         | 2                                                | 67                                        | No                      | No                                  |
| 809 Ohio                                            | 55                         | 58                                         | 3                                                | 67                                        | No                      | No                                  |
| 819 Ohio                                            | 56                         | 59                                         | 3                                                | 67                                        | No                      | No                                  |
| Open space - N 250' W of Ind.                       | 61                         | 63                                         | 2                                                | -----                                     | No                      | No                                  |
| Open space - N 150' W of Ind.                       | 61                         | 63                                         | 2                                                | -----                                     | No                      | No                                  |
| Open space - N 50' W of Ind.                        | 60                         | 62                                         | 2                                                | -----                                     | No                      | No                                  |
| Open space - Mid 250' W of Ind.                     | 62                         | 63                                         | 1                                                | -----                                     | No                      | No                                  |

| Receiver                                  | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-------------------------------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                           |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Open space - Mid 150' W of Ind.           | 62                         | 63                                         | 1                                                | -----                                     | No                      | No                                  |
| Open space - Mid 50' W of Ind.            | 61                         | 62                                         | 1                                                | -----                                     | No                      | No                                  |
| Open space - S 250' W of Ind.             | 63                         | <b>66</b>                                  | 3                                                | -----                                     | No                      | No                                  |
| Open space - S 150' W of Ind              | 63                         | 65                                         | 3                                                | -----                                     | No                      | No                                  |
| Open space - S 50' W of Ind               | 62                         | 64                                         | 2                                                | -----                                     | No                      | No                                  |
| Noise Sensitive Area 7                    |                            |                                            |                                                  |                                           |                         |                                     |
| Colgate-Palmolive South (H53)             | 63                         | 65                                         | 2                                                | 72                                        | No                      | No                                  |
| Colgate-Palmolive Central (H54)           | 64                         | 66                                         | 2                                                | 72                                        | No                      | No                                  |
| 1-KOA Mid1 (5 sites)                      | 55                         | 56                                         | 1                                                | 67                                        | No                      | No                                  |
| 1-KOA Mid2 (5 sites)                      | 55                         | 57                                         | 2                                                | 67                                        | No                      | No                                  |
| 1-KOA Mid3 (5 sites)                      | 55                         | 58                                         | 3                                                | 67                                        | No                      | No                                  |
| 1-KOA Mid4 (5 sites)                      | 56                         | 60                                         | 3                                                | 67                                        | No                      | No                                  |
| 1-KOA North (3 sites)                     | 58                         | 61                                         | 3                                                | 67                                        | No                      | No                                  |
| 2-KOA South (9 sites)                     | 55                         | 56                                         | 1                                                | 67                                        | No                      | No                                  |
| 2-KOA Mid1 (5 sites)                      | 56                         | 57                                         | 1                                                | 67                                        | No                      | No                                  |
| 3-KOA Mid (17 sites)                      | 56                         | 58                                         | 1                                                | 67                                        | No                      | No                                  |
| 3-KOA North (22 sites)                    | 55                         | 58                                         | 3                                                | 67                                        | No                      | No                                  |
| Noise Sensitive Area 8                    |                            |                                            |                                                  |                                           |                         |                                     |
| Metropolitan Urology, 1 <sup>st</sup> flr | 66                         | 69                                         | 3                                                | 52 (Interior)                             | No                      | No                                  |
| Metropolitan Urology, 3 <sup>rd</sup> flr | 69                         | 73                                         | 5                                                | 52 (Interior)                             | No                      | No                                  |
| Hillcrest Center, 1 <sup>st</sup> flr     | 66                         | 69                                         | 3                                                | 52 (Interior)                             | No                      | No                                  |
| Hillcrest Center, 3 <sup>rd</sup> flr     | 67                         | 72                                         | 5                                                | 52 (Interior)                             | No                      | No                                  |
| Medical Arts, 1 <sup>st</sup> flr         | 68                         | 71                                         | 4                                                | 52 (Interior)                             | No                      | No                                  |
| Medical Arts, 5 <sup>th</sup> flr         | 71                         | 74                                         | 3                                                | 52 (Interior)                             | No                      | No                                  |
| Outpatient Surgery                        | 64                         | 67                                         | 3                                                | 52 (Interior)                             | No                      | No                                  |
| Clark Memorial Hospital                   | 64                         | 67                                         | 3                                                | 52 (Interior)                             | No                      | No                                  |

| Receiver                                     | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|----------------------------------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                              |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Medical Plaza, 1 <sup>st</sup> flr           | 65                         | 68                                         | 3                                                | 52 (Interior)                             | No                      | No                                  |
| Medical Plaza, 6 <sup>th</sup> flr           | 70                         | 72                                         | 2                                                | 52 (Interior)                             | No                      | No                                  |
| Clark County Public Health                   | 69                         | 71                                         | 2                                                | 52 (Interior)                             | No                      | No                                  |
| 1303 Akers                                   | 65                         | 67                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 1307 Akers (2 SFR)                           | 65                         | 67                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 1311 Akers (3 SFR)                           | 63                         | 66                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 1315 Akers                                   | 65                         | 66                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Hillcrest Center courtyard                   | 45                         | 48                                         | 3                                                | 67                                        | No                      | No                                  |
| Chiropractor, 211 Sparks                     | 54                         | 57                                         | 3                                                | 67                                        | No                      | No                                  |
| Train Depot                                  | 67                         | 69                                         | 2                                                | 72                                        | No                      | No                                  |
| Med. Plaza of Jeffersonville, small building | 64                         | 66                                         | 2                                                | 52 (Interior)                             | No                      | No                                  |
| Med. Plaza of Jeffersonville, large building | 58                         | 61                                         | 3                                                | 52 (Interior)                             | No                      | No                                  |
| Noise Sensitive Area 9                       |                            |                                            |                                                  |                                           |                         |                                     |
| 1401 Mitchell (former school)                | 65                         | 67                                         | 1                                                | 52 (Interior)                             | No                      | No                                  |
| 510 14th St.                                 | 63                         | 65                                         | 1                                                | 67                                        | No                      | No                                  |
| Serenity House - NW side                     | 71                         | 74                                         | 3                                                | 67                                        | Yes                     | No                                  |
| Serenity House – front                       | 62                         | 64                                         | 2                                                | 52 (Interior)                             | No                      | No                                  |
| 130 Homestead (2 SFR)                        | 71                         | 74                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 122 Homestead (2 SFR)                        | 70                         | 72                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 111 Homestead                                | 73                         | 76                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 101 Homestead                                | 73                         | 75                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 114 Homestead (2 SFR)                        | 69                         | 71                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 102 Homestead                                | 68                         | 70                                         | 2                                                | 67                                        | Yes                     | No                                  |
| Noise Sensitive Area 10                      |                            |                                            |                                                  |                                           |                         |                                     |
| 216 Stansifer (2 SFR)                        | 64                         | 66                                         | 2                                                | 67                                        | Yes                     | No                                  |

| Receiver                | Existing Sound Level (dBA) | Modified Selected Alternative (2030) (dBA) | Difference Between Existing and 2030 Build (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-------------------------|----------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                         |                            |                                            |                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 212 Stansifer (2 SFR)   | 62                         | 64                                         | 2                                                | 67                                        | No                      | No                                  |
| 122 Stansifer (2 SFR)   | 61                         | 63                                         | 2                                                | 67                                        | No                      | No                                  |
| 229 S. State            | 68                         | 70                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 223 S. State            | 69                         | 71                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 215 S. State (3 SFR)    | 69                         | 72                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 201 S. State (2 SFR)    | 71                         | 73                                         | 3                                                | 67                                        | Yes                     | No                                  |
| 231 E. Norwood          | 70                         | 72                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 126 Sunset              | 67                         | 69                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 114 Sunset (2 SFR)      | 68                         | 70                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 100 Sunset              | 69                         | 71                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 145 E. Harrison (2 SFR) | 69                         | 71                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 139 E. Harrison         | 65                         | 67                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 230 Sunset (2 SFR)      | 65                         | 66                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 212 Sunset (4 SFR)      | 64                         | 66                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 200 E. Norwood (2 SFR)  | 65                         | 68                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 130 Sunset              | 65                         | 67                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 119 Sunset (3 SFR)      | 64                         | 66                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 103 Sunset (2 SFR)      | 65                         | 67                                         | 2                                                | 67                                        | Yes                     | No                                  |
| 125 E. Harrison (2 SFR) | 61                         | 64                                         | 2                                                | 67                                        | No                      | No                                  |
| 231 Sunset (2 SFR)      | 65                         | 66                                         | 1                                                | 67                                        | Yes                     | No                                  |
| 215 Sunset (3 SFR)      | 61                         | 63                                         | 2                                                | 67                                        | No                      | No                                  |
| 201 Sunset (3 SFR)      | 62                         | 64                                         | 2                                                | 67                                        | No                      | No                                  |
| 131 Sunset (2 SFR)      | 63                         | 65                                         | 2                                                | 67                                        | No                      | No                                  |
| 117 E. Harrison (3 SFR) | 60                         | 62                                         | 2                                                | 67                                        | No                      | No                                  |

## NO-ACTION ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 2

| Receiver                        | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|---------------------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                 |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Noise Sensitive Area 1          |                            |                                    |                                                                  |                                           |                         |                                     |
| Riverfront Park (RivPk) Benches | 64                         | 67                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 50'           | 65                         | 67                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 100'          | 65                         | 67                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 200'          | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 300'          | 63                         | 66                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| RivPk Lower Trail 400'          | 63                         | 65                                 | 2                                                                | 67                                        | No                      | No                                  |
| RivPk Lower Trail 500'          | 63                         | 65                                 | 2                                                                | 67                                        | No                      | No                                  |
| RivPk Lower Trail 600'          | 62                         | 64                                 | 2                                                                | 67                                        | No                      | No                                  |
| RivPk Lower Trail 800'          | 60                         | 63                                 | 3                                                                | 67                                        | No                      | No                                  |
| RivPk Upper Trail 50'           | 66                         | 69                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 100'          | 66                         | 69                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 200'          | 65                         | 68                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 300'          | 65                         | 67                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 400'          | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| RivPk Upper Trail 500'          | 63                         | 65                                 | 2                                                                | 67                                        | No                      | No                                  |
| RivPk Upper Trail 600'          | 63                         | 65                                 | 2                                                                | 67                                        | No                      | No                                  |
| RivPk Upper Trail 800'          | 62                         | 64                                 | 2                                                                | 67                                        | No                      | No                                  |
| 420 W Riverside                 | 66                         | 68                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 418 W Riverside                 | 65                         | 65                                 | 0                                                                | 67                                        | No                      | No                                  |
| 416 W Riverside                 | 65                         | 67                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 402 W Riverside                 | 64                         | 65                                 | 1                                                                | 67                                        | No                      | No                                  |
| 330 W Riverside                 | 63                         | 64                                 | 1                                                                | 67                                        | No                      | No                                  |
| 328 W Riverside                 | 60                         | 62                                 | 2                                                                | 67                                        | No                      | No                                  |
| 431 W Market                    | 66                         | 69                                 | 3                                                                | 67                                        | Yes                     | No                                  |

| Receiver                          | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-----------------------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                   |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 427 W Market                      | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 421 W Market                      | 63                         | 66                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 419 W Market                      | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 415 W Market                      | 63                         | 65                                 | 2                                                                | 67                                        | No                      | No                                  |
| 335 W Market                      | 61                         | 63                                 | 2                                                                | 67                                        | No                      | No                                  |
| 125 Clark (4 Apts)                | 62                         | 64                                 | 2                                                                | 67                                        | No                      | No                                  |
| 123 Clark                         | 63                         | 65                                 | 2                                                                | 67                                        | No                      | No                                  |
| 115 Clark                         | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 120 Clark                         | 62                         | 65                                 | 3                                                                | 67                                        | No                      | No                                  |
| 432 W Market                      | 66                         | 69                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 430 W Market                      | 66                         | 68                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 426 W Market                      | 65                         | 67                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 420 W Market                      | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 418 W Market                      | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 416 W Market                      | 62                         | 65                                 | 3                                                                | 67                                        | No                      | No                                  |
| 412 W Market                      | 61                         | 64                                 | 3                                                                | 67                                        | No                      | No                                  |
| 408 W Market                      | 61                         | 63                                 | 2                                                                | 67                                        | No                      | No                                  |
| 404 W Market                      | 61                         | 63                                 | 2                                                                | 67                                        | No                      | No                                  |
| 402 W Market                      | 60                         | 63                                 | 3                                                                | 67                                        | No                      | No                                  |
| 334 W Market                      | 61                         | 63                                 | 2                                                                | 67                                        | No                      | No                                  |
| Noise Sensitive Area 2            |                            |                                    |                                                                  |                                           |                         |                                     |
| 600 W Riverside (not a residence) | 70                         | 72                                 | 2                                                                | NA                                        | No                      | No                                  |
| Harbours A-600TH-1                | 70                         | 71                                 | 1                                                                | 67                                        | Yes                     | No                                  |
| Harbours A-600TH-2                | 71                         | 72                                 | 1                                                                | 67                                        | Yes                     | No                                  |
| Harbours A-321                    | 69                         | 71                                 | 2                                                                | 67                                        | Yes                     | No                                  |

| Receiver           | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|--------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                    |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Harbours A-421     | 71                         | 73                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours A-521     | 73                         | 75                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours A-621     | 74                         | 75                                 | 1                                                                | 67                                        | Yes                     | No                                  |
| Harbours A-721     | 74                         | 75                                 | 1                                                                | 67                                        | Yes                     | No                                  |
| Harbours A-821     | 73                         | 75                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours A-921     | 73                         | 75                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours A-1021    | 73                         | 75                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours A-1114    | 74                         | 76                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-602TH-2 | 69                         | 71                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-320     | 70                         | 72                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-420     | 69                         | 71                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-520     | 71                         | 73                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-620     | 72                         | 74                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-720     | 72                         | 74                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-820     | 72                         | 74                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-920     | 72                         | 74                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-1020    | 72                         | 74                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours B-1114    | 72                         | 74                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-610TH-1 | 68                         | 70                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-610TH-2 | 68                         | 70                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-316     | 67                         | 69                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-416     | 68                         | 70                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-516     | 70                         | 72                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-616     | 70                         | 72                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-716     | 71                         | 73                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-816     | 71                         | 73                                 | 2                                                                | 67                                        | Yes                     | No                                  |

| Receiver                   | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|----------------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                            |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Harbours I-916             | 71                         | 73                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-1016            | 71                         | 73                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours I-1112            | 71                         | 73                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-618TH-1         | 67                         | 69                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-618TH-2         | 67                         | 69                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-312             | 65                         | 67                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-412             | 65                         | 67                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-512             | 66                         | 68                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-612             | 67                         | 69                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-712             | 67                         | 69                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-812             | 68                         | 70                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-912             | 68                         | 70                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-1012            | 68                         | 70                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours J-1110            | 68                         | 70                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Harbours Pool              | 56                         | 59                                 | 3                                                                | 67                                        | No                      | No                                  |
| Harbours Gazebo            | 60                         | 62                                 | 2                                                                | 67                                        | No                      | No                                  |
| Kingfish Patio             | 63                         | 64                                 | 1                                                                | 72                                        | No                      | No                                  |
| Buckhead Patio             | 58                         | 60                                 | 2                                                                | 72                                        | No                      | No                                  |
| Rocky's Patio              | 60                         | 61                                 | 1                                                                | 72                                        | No                      | No                                  |
| Bristol Patio              | 60                         | 61                                 | 1                                                                | 72                                        | No                      | No                                  |
| 1003 W Market (w of US 31) | 65                         | 64                                 | -1                                                               | 67                                        | No                      | No                                  |
| Noise Sensitive Area 3     |                            |                                    |                                                                  |                                           |                         |                                     |
| Colston Basketball Court   | 66                         | 69                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| Colston Park Other         | 65                         | 67                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Colston Playground         | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Colston Softball Diamond   | 61                         | 63                                 | 2                                                                | 67                                        | No                      | No                                  |

| Receiver                                    | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|---------------------------------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                             |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 419 W Maple                                 | 63                         | 65                                 | 2                                                                | 67                                        | No                      | No                                  |
| 417 W Maple                                 | 62                         | 65                                 | 3                                                                | 67                                        | No                      | No                                  |
| 413 W Maple                                 | 63                         | 65                                 | 2                                                                | 67                                        | No                      | No                                  |
| 409 W Maple                                 | 62                         | 65                                 | 3                                                                | 67                                        | No                      | No                                  |
| W Maple Baptist Church                      | 63                         | 65                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| 338 W Maple                                 | 63                         | 66                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 336-334 W Maple                             | 62                         | 65                                 | 3                                                                | 67                                        | No                      | No                                  |
| 334 W Maple                                 | 60                         | 62                                 | 2                                                                | 67                                        | No                      | No                                  |
| 332 W Maple                                 | 60                         | 62                                 | 2                                                                | 67                                        | No                      | No                                  |
| 330 W Maple                                 | 59                         | 61                                 | 2                                                                | 67                                        | No                      | No                                  |
| 328 W Maple                                 | 58                         | 61                                 | 3                                                                | 67                                        | No                      | No                                  |
| 326 W Maple                                 | 58                         | 60                                 | 2                                                                | 67                                        | No                      | No                                  |
| 322 W Maple                                 | 58                         | 60                                 | 2                                                                | 67                                        | No                      | No                                  |
| 320 W Maple                                 | 58                         | 60                                 | 2                                                                | 67                                        | No                      | No                                  |
| 310 W Maple Bev Manor Apts                  | 57                         | 59                                 | 2                                                                | 67                                        | No                      | No                                  |
| Rose Hill Residences, southern picnic table | 62                         | 64                                 | 2                                                                | 67                                        | No                      | No                                  |
| Rose Hill Residences, northern picnic table | 60                         | 62                                 | 2                                                                | 67                                        | No                      | No                                  |
| Hardee's on W Court                         | 63                         | 64                                 | 1                                                                | 72                                        | No                      | No                                  |
| Noise Sensitive Area 4                      |                            |                                    |                                                                  |                                           |                         |                                     |
| Fairfield Patio                             | 62                         | 66                                 | 4                                                                | 72                                        | No                      | No                                  |
| TownePlace Pool                             | 59                         | 60                                 | 1                                                                | 72                                        | No                      | No                                  |
| Kye's (Water Tower Square, WTS)             | 66                         | 67                                 | 1                                                                | 67                                        | Yes                     | No                                  |
| Metro MRI (WTS)                             | 64                         | 66                                 | 1                                                                | 52 (Interior)                             | No                      | No                                  |
| Lunch Today Patio (WTS)                     | 65                         | 66                                 | 1                                                                | 72                                        | No                      | No                                  |

| Receiver                                            | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-----------------------------------------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                                     |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| Early Images (WTS)                                  | 65                         | 66                                 | 1                                                                | 52 (Interior)                             | No                      | No                                  |
| WTS Picnic Area 1 (The 350 Building)                | 49                         | 50                                 | 1                                                                | 67                                        | No                      | No                                  |
| WTS Picnic Area 2 (The 400 Building)                | 50                         | 50                                 | 1                                                                | 67                                        | No                      | No                                  |
| Heart Clinic North Shore Drive                      | 68                         | 71                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| Kentuckiana Diagnostics                             | 67                         | 67                                 | 0                                                                | 52 (Interior)                             | No                      | No                                  |
| Louisville Municipal Bridge monument                | 69                         | 71                                 | 1                                                                | 72                                        | Yes                     | No                                  |
| Noise Sensitive Area 5                              |                            |                                    |                                                                  |                                           |                         |                                     |
| 500 Indiana Apts 1 <sup>st</sup> floor (4 apts)     | 66                         | 67                                 | 4                                                                | 67                                        | Yes                     | No                                  |
| 500 Indiana Apts 2 <sup>nd</sup> floor (4 apts)     | 68                         | 69                                 | 4                                                                | 67                                        | Yes                     | No                                  |
| 514 Indiana                                         | 65                         | 66                                 | 5                                                                | 67                                        | Yes                     | No                                  |
| 526 Indiana                                         | 63                         | 64                                 | 6                                                                | 67                                        | No                      | No                                  |
| 528 Indiana                                         | 62                         | 63                                 | 7                                                                | 67                                        | No                      | No                                  |
| Ohio Ave Apts (4 apts)                              | 64                         | 66                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 509 Ohio                                            | 63                         | 64                                 | 4                                                                | 67                                        | No                      | No                                  |
| 511 Ohio                                            | 63                         | 64                                 | 4                                                                | 67                                        | No                      | No                                  |
| 515 Ohio 1                                          | 62                         | 64                                 | 4                                                                | 67                                        | No                      | No                                  |
| 515 Ohio 2                                          | 62                         | 64                                 | 4                                                                | 67                                        | No                      | No                                  |
| 523 Ohio                                            | 62                         | 64                                 | 5                                                                | 67                                        | No                      | No                                  |
| 525 Ohio                                            | 62                         | 64                                 | 4                                                                | 67                                        | No                      | No                                  |
| Douglas Cotton Dentistry, on 6 <sup>th</sup> Street | 62                         | 62                                 | 0                                                                | 52 (Interior)                             | No                      | No                                  |
| Noise Sensitive Area 6                              |                            |                                    |                                                                  |                                           |                         |                                     |
| 702 Indiana                                         | 60                         | 62                                 | 2                                                                | 67                                        | No                      | No                                  |
| 706 Indiana (2 SFR)                                 | 61                         | 62                                 | 2                                                                | 67                                        | No                      | No                                  |

| Receiver                        | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|---------------------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                 |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 710 Indiana (2 SFR)             | 60                         | 62                                 | 2                                                                | 67                                        | No                      | No                                  |
| 714 Indiana                     | 60                         | 62                                 | 2                                                                | 67                                        | No                      | No                                  |
| 804 Indiana (6 SFR)             | 59                         | 61                                 | 2                                                                | 67                                        | No                      | No                                  |
| 816 Indiana (12 apts.)          | 59                         | 61                                 | 2                                                                | 67                                        | No                      | No                                  |
| 701 Ohio                        | 60                         | 61                                 | 1                                                                | 67                                        | No                      | No                                  |
| 711 Ohio                        | 60                         | 61                                 | 2                                                                | 67                                        | No                      | No                                  |
| 721 Ohio (2 SFR)                | 59                         | 61                                 | 2                                                                | 67                                        | No                      | No                                  |
| 727 Ohio                        | 59                         | 61                                 | 2                                                                | 67                                        | No                      | No                                  |
| 301 W 8 <sup>th</sup>           | 57                         | 59                                 | 2                                                                | 67                                        | No                      | No                                  |
| 809 Ohio                        | 55                         | 57                                 | 2                                                                | 67                                        | No                      | No                                  |
| 819 Ohio                        | 56                         | 58                                 | 2                                                                | 67                                        | No                      | No                                  |
| Open space - N 250' W of Ind.   | 61                         | 63                                 | 2                                                                | -----                                     | No                      | No                                  |
| Open space - N 150' W of Ind.   | 61                         | 63                                 | 2                                                                | -----                                     | No                      | No                                  |
| Open space - N 50' W of Ind.    | 60                         | 62                                 | 2                                                                | -----                                     | No                      | No                                  |
| Open space - Mid 250' W of Ind. | 62                         | 64                                 | 2                                                                | -----                                     | No                      | No                                  |
| Open space - Mid 150' W of Ind. | 62                         | 64                                 | 2                                                                | -----                                     | No                      | No                                  |
| Open space - Mid 50' W of Ind.  | 61                         | 63                                 | 2                                                                | -----                                     | No                      | No                                  |
| Open space - S 250' W of Ind.   | 63                         | 65                                 | 2                                                                | -----                                     | No                      | No                                  |
| Open space - S 150' W of Ind    | 63                         | 64                                 | 2                                                                | -----                                     | No                      | No                                  |
| Open space - S 50' W of Ind     | 62                         | 64                                 | 1                                                                | -----                                     | No                      | No                                  |
| Noise Sensitive Area 7          |                            |                                    |                                                                  |                                           |                         |                                     |
| Colgate-Palmolive South (H53)   | 63                         | 65                                 | 2                                                                | 72                                        | No                      | No                                  |
| Colgate-Palmolive Central (H54) | 64                         | 66                                 | 2                                                                | 72                                        | No                      | No                                  |
| 1-KOA Mid1 (5 sites)            | 55                         | 58                                 | 3                                                                | 67                                        | No                      | No                                  |
| 1-KOA Mid2 (5 sites)            | 55                         | 57                                 | 3                                                                | 67                                        | No                      | No                                  |
| 1-KOA Mid3 (5 sites)            | 55                         | 58                                 | 3                                                                | 67                                        | No                      | No                                  |

| Receiver                                  | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-------------------------------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                           |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 1-KOA Mid4 (5 sites)                      | 56                         | 59                                 | 3                                                                | 67                                        | No                      | No                                  |
| 1-KOA North (3 sites)                     | 58                         | 60                                 | 3                                                                | 67                                        | No                      | No                                  |
| 2-KOA South (9 sites)                     | 55                         | 58                                 | 2                                                                | 67                                        | No                      | No                                  |
| 2-KOA Mid1 (5 sites)                      | 56                         | 58                                 | 2                                                                | 67                                        | No                      | No                                  |
| 3-KOA Mid (17 sites)                      | 56                         | 59                                 | 3                                                                | 67                                        | No                      | No                                  |
| 3-KOA North (22 sites)                    | 55                         | 58                                 | 3                                                                | 67                                        | No                      | No                                  |
| Noise Sensitive Area 8                    |                            |                                    |                                                                  |                                           |                         |                                     |
| Metropolitan Urology, 1 <sup>st</sup> flr | 66                         | 69                                 | 3                                                                | 52 (Interior)                             | No                      | No                                  |
| Metropolitan Urology, 3 <sup>rd</sup> flr | 69                         | 72                                 | 3                                                                | 52 (Interior)                             | No                      | No                                  |
| Hillcrest Center, 1 <sup>st</sup> flr     | 66                         | 68                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| Hillcrest Center, 3 <sup>rd</sup> flr     | 67                         | 70                                 | 3                                                                | 52 (Interior)                             | No                      | No                                  |
| Medical Arts, 1 <sup>st</sup> flr         | 68                         | 70                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| Medical Arts, 5 <sup>th</sup> flr         | 71                         | 73                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| Outpatient Surgery                        | 64                         | 66                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| Clark Memorial Hospital                   | 64                         | 66                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| Medical Plaza, 1 <sup>st</sup> flr        | 65                         | 67                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| Medical Plaza, 6 <sup>th</sup> flr        | 70                         | 72                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| Clark County Public Health                | 69                         | 71                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |
| 1303 Akers                                | 65                         | <b>66</b>                          | 2                                                                | 67                                        | <b>Yes</b>              | No                                  |
| 1307 Akers (2 SFR)                        | 65                         | <b>66</b>                          | 2                                                                | 67                                        | <b>Yes</b>              | No                                  |
| 1311 Akers (3 SFR)                        | 63                         | 65                                 | 2                                                                | 67                                        | No                      | No                                  |
| 1315 Akers                                | 65                         | <b>66</b>                          | 1                                                                | 67                                        | <b>Yes</b>              | No                                  |
| Hillcrest Center courtyard                | 45                         | 47                                 | 2                                                                | 67                                        | No                      | No                                  |
| Chiropractor, 211 Sparks                  | 54                         | 56                                 | 2                                                                | 67                                        | No                      | No                                  |
| Train Depot                               | 67                         | 69                                 | 2                                                                | 72                                        | No                      | No                                  |
| Med. Plaza of Jeffersonville,             | 64                         | 66                                 | 2                                                                | 52 (Interior)                             | No                      | No                                  |

| Receiver                                     | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|----------------------------------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                                              |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| small building                               |                            |                                    |                                                                  |                                           |                         |                                     |
| Med. Plaza of Jeffersonville, large building | 58                         | 61                                 | 3                                                                | 52 (Interior)                             | No                      | No                                  |
| Noise Sensitive Area 9                       |                            |                                    |                                                                  |                                           |                         |                                     |
| 1401 Mitchell (former school)                | 65                         | 66                                 | 1                                                                | 52 (Interior)                             | No                      | No                                  |
| 510 14th St.                                 | 63                         | 64                                 | 1                                                                | 67                                        | No                      | No                                  |
| Serenity House - NW side                     | 71                         | 73                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Serenity House – front                       | 62                         | 64                                 | 3                                                                | 52 (Interior)                             | No                      | No                                  |
| 130 Homestead (2 SFR)                        | 71                         | 73                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 122 Homestead (2 SFR)                        | 70                         | 72                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 111 Homestead                                | 73                         | 76                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 101 Homestead                                | 73                         | 76                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 114 Homestead (2 SFR)                        | 69                         | 71                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 102 Homestead                                | 68                         | 70                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| Noise Sensitive Area 10                      |                            |                                    |                                                                  |                                           |                         |                                     |
| 216 Stansifer (2 SFR)                        | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 212 Stansifer (2 SFR)                        | 62                         | 64                                 | 2                                                                | 67                                        | No                      | No                                  |
| 122 Stansifer (2 SFR)                        | 61                         | 63                                 | 2                                                                | 67                                        | No                      | No                                  |
| 229 S. State                                 | 68                         | 70                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 223 S. State                                 | 69                         | 71                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 215 S. State (3 SFR)                         | 69                         | 72                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 201 S. State (2 SFR)                         | 71                         | 73                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 231 E. Norwood                               | 70                         | 73                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 126 Sunset                                   | 67                         | 69                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 114 Sunset (2 SFR)                           | 68                         | 71                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 100 Sunset                                   | 69                         | 72                                 | 3                                                                | 67                                        | Yes                     | No                                  |

| Receiver                | Existing Sound Level (dBA) | No Action Alternative (2030) (dBA) | Difference Between Existing and 2030 No Action Alternative (dBA) | Applicable Noise Abatement Criteria Level | Noise Impact/Type       |                                     |
|-------------------------|----------------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------|
|                         |                            |                                    |                                                                  |                                           | Approach or Exceed NAC? | Substantial Increase Over Existing? |
| 145 E. Harrison (2 SFR) | 69                         | 72                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 139 E. Harrison         | 65                         | 68                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 230 Sunset (2 SFR)      | 65                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 212 Sunset (4 SFR)      | 64                         | 66                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 200 E. Norwood (2 SFR)  | 65                         | 68                                 | 2                                                                | 67                                        | Yes                     | No                                  |
| 130 Sunset              | 65                         | 68                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 119 Sunset (3 SFR)      | 64                         | 66                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 103 Sunset (2 SFR)      | 65                         | 68                                 | 3                                                                | 67                                        | Yes                     | No                                  |
| 125 E. Harrison (2 SFR) | 61                         | 64                                 | 3                                                                | 67                                        | No                      | No                                  |
| 231 Sunset (2 SFR)      | 65                         | 66                                 | 1                                                                | 67                                        | Yes                     | No                                  |
| 215 Sunset (3 SFR)      | 61                         | 63                                 | 2                                                                | 67                                        | No                      | No                                  |
| 201 Sunset (3 SFR)      | 62                         | 64                                 | 2                                                                | 67                                        | No                      | No                                  |
| 131 Sunset (2 SFR)      | 63                         | 66                                 | 2                                                                | 67                                        | No                      | No                                  |
| 117 E. Harrison (3 SFR) | 60                         | 62                                 | 3                                                                | 67                                        | No                      | No                                  |

