

## Project: Lapsas\_SUM.cna

### Point sources

| Name               | M. | ID | Result. PWL |         |       | Lw / Li |       |       | Correction |         |       | Sound Reduction |      | Attenuation | Operating Time |         |       | K0   | Freq. | Direct. | Height |   |
|--------------------|----|----|-------------|---------|-------|---------|-------|-------|------------|---------|-------|-----------------|------|-------------|----------------|---------|-------|------|-------|---------|--------|---|
|                    |    |    | Day         | Evening | Night | Type    | Value | norm. | Day        | Evening | Night | R               | Area |             | Day            | Special | Night |      |       |         |        |   |
|                    |    |    | (dBA)       | (dBA)   | (dBA) |         |       | dB(A) | dB(A)      | dB(A)   | dB(A) |                 | (m²) |             | (min)          | (min)   | (min) | (dB) | (Hz)  |         | (m)    |   |
| Drupinatajs konusa |    |    | 114.0       | 114.0   | 114.0 | SET     |       |       |            |         |       |                 |      |             | 108.00         | 0.00    | 0.00  | 0.0  |       | (none)  | -2.50  | r |
| Drupinatajs rotora |    |    | 113.9       | 113.9   | 113.9 | SET     |       |       |            |         |       |                 |      |             | 18.00          | 0.00    | 0.00  | 0.0  |       | (none)  | -2.50  | r |
| Sijātājs           |    |    | 108.7       | 108.7   | 108.7 | SET     |       |       |            |         |       |                 |      |             | 270.00         | 90.00   | 0.00  | 0.0  |       | (none)  | -2.50  | r |
| mazgatajs Nr.1     |    |    | 109.5       | 109.5   | 109.5 | SET     |       |       |            |         |       |                 |      |             | 152.00         | 51.00   | 0.00  | 0.0  |       | (none)  | -2.50  | r |
| mazgatajs Nr. 2    |    |    | 82.9        | 82.9    | 82.9  | SET     |       |       |            |         |       |                 |      |             | 152.00         | 51.00   | 0.00  | 0.0  |       | (none)  | -2.50  | r |

### Road sources

| Name                  | M. | ID  | LAW'  |         |       | Count Data |            | exact Count Data |         |       |       |         |       | Max. speed |        | SCS     | Gradient | Traffic flow   |  |
|-----------------------|----|-----|-------|---------|-------|------------|------------|------------------|---------|-------|-------|---------|-------|------------|--------|---------|----------|----------------|--|
|                       |    |     | Day   | Evening | Night | DTV        | Str.class. | Q                |         |       | p (%) |         |       | Auto       | Truck  | Dist.   |          |                |  |
|                       |    |     | (dBA) | (dBA)   | (dBA) |            |            | Day              | Evening | Night | Day   | Evening | Night | (km/h)     | (km/h) |         | (%)      |                |  |
| asfaltetais cels      |    | C1  | 72.0  | 0.0     | 0.0   |            |            | 8.0              | 0.0     | 0.0   | 100.0 | 0.0     | 0.0   | 90         | 50     | RQ 9    | 0.0      | Fluide continu |  |
| Grants cels           |    | C2  | 73.0  | 0.0     | 0.0   |            |            | 8.0              | 0.0     | 0.0   | 100.0 | 0.0     | 0.0   | 90         | 20     | RQ 9    | 0.0      | Fluide continu |  |
| atradnes cels         |    | C3  | 73.0  | 0.0     | 0.0   |            |            | 8.0              | 0.0     | 0.0   | 100.0 | 0.0     | 0.0   | 90         | 20     | RQ 9    | 0.0      | Fluide continu |  |
| Salenieku blloks cels |    | C4  | 70.0  | 0.0     | 0.0   |            |            | 4.0              | 0.0     | 0.0   | 100.0 | 0.0     | 0.0   | 90         | 20     | RQ 9    | 0.0      | Fluide continu |  |
| Autoceiņš P87         |    | !!0 | 81.0  | 79.6    | 74.2  |            |            | 177.3            | 127.9   | 28.3  | 14.1  | 14.3    | 24.7  | 90         | 80     | RQ 9.5  | 0.0      | Fluide continu |  |
| Autoceiņš A6          |    | !!0 | 84.7  | 83.3    | 77.8  |            |            | 438.3            | 316.0   | 68.8  | 12.2  | 12.2    | 21.7  | 90         | 80     | RQ 10.5 | 0.0      | Fluide continu |  |

### Area sources

| Name   | M. | ID   | Result. PWL |         |       | Result. PWL" |         |       | Lw / Li |       | Correction |       |         | Sound Reduction |     | Attenuation | Operating Time |        |         | K0    | Freq. | Direct. | Moving Pt. Src |        |         |       |
|--|----|------|-------------|---------|-------|--------------|---------|-------|---------|-------|------------|-------|---------|-----------------|-----|-------------|----------------|--------|---------|-------|-------|---------|----------------|--------|---------|-------|
|  |    |      | Day         | Evening | Night | Day          | Evening | Night | Type    | Value | norm.      | Day   | Evening | Night           | R   | Area        |                | Day    | Special | Night |       |         |                | Number |         |       |
|  |    |      | (dBA)       | (dBA)   | (dBA) | (dBA)        | (dBA)   | (dBA) |         |       | dB(A)      | dB(A) | dB(A)   | dB(A)           |     | (m²)        |                | (min)  | (min)   | (min) | (dB)  | (Hz)    |                | Day    | Evening | Night |
| Izstrādes laukums 1 gads pie Lpsas, Upjāi                  |    | L2-4 | 112.0       | 112.0   | 6.0   | 73.9         | 73.9    | -32.1 | PWL-Pt  | 106   |            | 0.0   | 0.0     | 0.0             |     |             |                | 240.00 | 48.00   | 0.00  | 0.0   | 500     | (none)         | 4.0    | 4.0     | 0.0   |
| Salenieku bloks_frontalais iekravejs parvietošanas laukums |    | L3   | 106.0       | 106.0   | 6.0   | 71.5         | 71.5    | -28.5 | PWL-Pt  | 106   |            | 0.0   | 0.0     | 0.0             |     |             |                | 360.00 | 45.00   | 0.00  | 0.0   | 500     | (none)         | 1.0    | 1.0     | 0.0   |
| Salenieku bloks Raņošanas čka                              |    | L4   | 112.6       | 112.6   | 112.6 | 81.0         | 81.0    | 81.0  | Li      | 105   |            | 0.0   | 0.0     | 0.0             | R26 | 1444.46     |                | 360.00 | 45.00   | 0.00  | 0.0   | 500     | (none)         |        |         |       |
| ACB betons raņošanas čka                                   |    | L5   | 107.5       | 107.5   | 107.5 | 81.0         | 81.0    | 81.0  | Li      | 105   |            | 0.0   | 0.0     | 0.0             | R26 | 441.84      |                | 128.00 | 0.00    | 0.00  | 0.0   | 500     | (none)         |        |         |       |

| Name                         | M. | ID | Result. PWL |         |       | Result. PWL" |         |       | Lw / Li |       |       | Correction |         |       | Sound Reduction |        | Attenuation | Operating Time |         |       | K0   | Freq. | Direct. |
|------------------------------|----|----|-------------|---------|-------|--------------|---------|-------|---------|-------|-------|------------|---------|-------|-----------------|--------|-------------|----------------|---------|-------|------|-------|---------|
|                              |    |    | Day         | Evening | Night | Day          | Evening | Night | Type    | Value | norm. | Day        | Evening | Night | R               | Area   |             | Day            | Special | Night |      |       |         |
|                              |    |    | (dBA)       | (dBA)   | (dBA) | (dBA)        | (dBA)   | (dBA) |         |       | dB(A) | dB(A)      | dB(A)   | dB(A) |                 | (m²)   |             | (min)          | (min)   | (min) | (dB) | (Hz)  |         |
| Salenieku boks raĥošanas ģķa | L4 |    | 86.9        | 86.9    | 86.9  | 81.0         | 81.0    | 81.0  | Li      | 105   |       | 0.0        | 0.0     | 0.0   | R26             | 3.89   |             | 360.00         | 45.00   | 0.00  | 3.0  | 500   | (none)  |
| Salenieku boks raĥošanas ģķa | L4 |    | 108.9       | 108.9   | 108.9 | 81.0         | 81.0    | 81.0  | Li      | 105   |       | 0.0        | 0.0     | 0.0   | R26             | 610.69 |             | 360.00         | 45.00   | 0.00  | 3.0  | 500   | (none)  |
| Salenieku boks raĥošanas ģķa | L4 |    | 104.8       | 104.8   | 104.8 | 81.0         | 81.0    | 81.0  | Li      | 105   |       | 0.0        | 0.0     | 0.0   | R26             | 240.88 |             | 360.00         | 45.00   | 0.00  | 3.0  | 500   | (none)  |
| Salenieku boks raĥošanas ģķa | L4 |    | 108.8       | 108.8   | 108.8 | 81.0         | 81.0    | 81.0  | Li      | 105   |       | 0.0        | 0.0     | 0.0   | R26             | 605.79 |             | 360.00         | 45.00   | 0.00  | 3.0  | 500   | (none)  |
| ACB betons raĥošanas ģķa     | L5 |    | 105.9       | 105.9   | 105.9 | 81.0         | 81.0    | 81.0  | Li      | 105   |       | 0.0        | 0.0     | 0.0   | R26             | 305.81 |             | 128.00         | 0.00    | 0.00  | 3.0  | 500   | (none)  |
| ACB betons raĥošanas ģķa     | L5 |    | 102.5       | 102.5   | 102.5 | 81.0         | 81.0    | 81.0  | Li      | 105   |       | 0.0        | 0.0     | 0.0   | R26             | 141.41 |             | 128.00         | 0.00    | 0.00  | 3.0  | 500   | (none)  |
| ACB betons raĥošanas ģķa     | L5 |    | 105.9       | 105.9   | 105.9 | 81.0         | 81.0    | 81.0  | Li      | 105   |       | 0.0        | 0.0     | 0.0   | R26             | 309.63 |             | 128.00         | 0.00    | 0.00  | 3.0  | 500   | (none)  |

| Name                     | M. | ID | Result. PWL |         |       | Result. PWL" |         |       | Lw / Li |       |       | Correction |         |       | Sound Reduction |        | Attenuation | Operating Time |         |       | K0   | Freq. | Direct. |
|--------------------------|----|----|-------------|---------|-------|--------------|---------|-------|---------|-------|-------|------------|---------|-------|-----------------|--------|-------------|----------------|---------|-------|------|-------|---------|
|                          |    |    | Day         | Evening | Night | Day          | Evening | Night | Type    | Value | norm. | Day        | Evening | Night | R               | Area   |             | Day            | Special | Night |      |       |         |
|                          |    |    | (dBA)       | (dBA)   | (dBA) | (dBA)        | (dBA)   | (dBA) |         |       | dB(A) | dB(A)      | dB(A)   | dB(A) |                 | (m²)   |             | (min)          | (min)   | (min) | (dB) | (Hz)  |         |
| ACB betons raĥoĥanas ĉka |    | L5 | 102.8       | 102.8   | 102.8 | 81.0         | 81.0    | 81.0  | Li      | 105   |       | 0.0        | 0.0     | 0.0   | R26             | 151.81 |             | 128.00         | 0.00    | 0.00  | 3.0  | 500   | (none)  |

#### Building table

| Name                          | M. | ID | RB | Residents | Absorption | Height  |
|-------------------------------|----|----|----|-----------|------------|---------|
|                               |    |    |    |           |            | Begin   |
|                               |    |    |    |           |            | (m)     |
| Lapsas                        |    | 0  | x  | 4         |            | 5.00 a  |
| Upjani                        |    | 0  | x  | 2         |            | 5.00 a  |
| Salas                         |    | 0  | x  | 3         |            | 5.00 a  |
| Gulbji                        |    | 0  | x  | 2         |            | 5.00 a  |
| Lejini                        |    | 0  | x  | 2         |            | 5.00 a  |
| Celmini                       |    | 0  | x  | 1         |            | 5.00 a  |
| Birznieki                     |    | 0  | x  | 1         |            | 5.00 a  |
| Niedras                       |    | 0  | x  | 2         |            | 5.00 a  |
| Zvanitaji                     |    | 0  | x  | 2         |            | 5.00 a  |
| Strautini                     |    | 0  | x  | 2         |            | 5.00 a  |
| Bekeri                        |    | 0  | x  | 1         |            | 5.00 a  |
| Plesumi                       |    | 0  | x  | 2         |            | 5.00 a  |
| Ceribas                       |    | 0  | x  | 1         |            | 5.00 a  |
| Akmenskrogs                   |    | 0  | x  | 2         |            | 5.00 a  |
| Skalbes                       |    | 0  | x  | 3         |            | 5.00 a  |
| Cerini                        |    | 0  | x  | 2         |            | 5.00 a  |
| Didani                        |    | 0  | x  | 2         |            | 5.00 a  |
| Krievini                      |    | 0  | x  | 1         |            | 5.00 a  |
| Miezisi                       |    | 0  | x  | 2         |            | 5.00 a  |
| Taurites                      |    | 0  | x  | 2         |            | 5.00 a  |
| Salinieku bloks_raĥoĥanas ĉka |    | L4 |    | 0         |            | 10.00 r |
| ACB betons raĥoĥanas ĉka      |    | L5 |    | 0         |            | 10.00 r |

| Name      | M. | ID | Level |       |       | Excess Levels |       | Land Use |      |            | Coordinates |           |      | Floor Height |       | Round up |
|-----------|----|----|-------|-------|-------|---------------|-------|----------|------|------------|-------------|-----------|------|--------------|-------|----------|
|           |    |    | Day   | Night | Le    | From          | To    | Type     | Auto | Noise Type | X           | Y         | ..   | EG           | OG-OG |          |
|           |    |    | (dBA) | (dBA) | (dBA) | Floor         | Floor |          |      |            | (m)         | (m)       | (m)  | (m)          | (m)   |          |
| Lapsas    |    |    | 48.1  | 37.4  | 44.7  |               |       |          | x    | Total      | 570277.06   | 274729.25 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Upjani    |    |    | 45.2  | 40.8  | 45.2  |               |       |          | x    | Total      | 570115.75   | 275072.03 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Salas     |    |    | 45.4  | 40.4  | 44.8  |               |       |          | x    | Total      | 569850.06   | 275154.59 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Lejini    |    |    | 43.1  | 38.6  | 43.0  |               |       |          | x    | Total      | 569316.27   | 275322.97 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Gulbji    |    |    | 43.1  | 37.1  | 42.1  |               |       |          | x    | Total      | 569488.28   | 275017.05 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Celmini   |    |    | 42.2  | 36.6  | 41.6  |               |       |          | x    | Total      | 569279.08   | 275083.64 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Birznieki |    |    | 42.3  | 36.6  | 41.5  |               |       |          | x    | Total      | 569124.71   | 274939.60 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Niedras   |    |    | 48.7  | 41.7  | 46.2  |               |       |          | x    | Total      | 569174.99   | 274464.84 | 4.00 | 4.00         | 3.00  | 0.1000   |

| Name        | M. | ID | Level |       |       | Excess Levels |       | Land Use |      |            | Coordinates |           |      | Floor Height |       | Round up |
|-------------|----|----|-------|-------|-------|---------------|-------|----------|------|------------|-------------|-----------|------|--------------|-------|----------|
|             |    |    | Day   | Night | Le    | From          | To    | Type     | Auto | Noise Type | X           | Y         | ''   | EG           | OG-OG |          |
|             |    |    | (dBA) | (dBA) | (dBA) | Floor         | Floor |          |      |            | (m)         | (m)       | (m)  | (m)          | (m)   |          |
| Miezisi     |    |    | 46.2  | 41.2  | 45.8  |               |       |          | x    | Total      | 569407.87   | 274226.14 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Plesumi     |    |    | 57.8  | 51.4  | 56.6  |               |       |          | x    | Total      | 569173.40   | 274129.81 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Zvanitaji   |    |    | 49.9  | 44.6  | 49.3  |               |       |          | x    | Total      | 569406.41   | 274014.84 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Ceribas     |    |    | 60.4  | 53.9  | 59.1  |               |       |          | x    | Total      | 569255.03   | 273969.85 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Akmenskrogs |    |    | 58.6  | 52.2  | 57.4  |               |       |          | x    | Total      | 569292.88   | 273937.56 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Strautini   |    |    | 46.0  | 41.4  | 45.8  |               |       |          | x    | Total      | 569646.70   | 273973.67 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Bekeri      |    |    | 45.6  | 40.9  | 45.4  |               |       |          | x    | Total      | 569781.40   | 273833.96 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Skalbes     |    |    | 56.7  | 50.6  | 55.7  |               |       |          | x    | Total      | 569640.67   | 273627.70 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Cerini      |    |    | 56.8  | 50.7  | 55.8  |               |       |          | x    | Total      | 569670.50   | 273592.41 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Didani      |    |    | 54.0  | 48.3  | 53.2  |               |       |          | x    | Total      | 569890.49   | 273460.44 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Krievini    |    |    | 50.5  | 45.4  | 50.0  |               |       |          | x    | Total      | 570165.57   | 273417.43 | 4.00 | 4.00         | 3.00  | 0.1000   |
| Taurites    |    |    | 54.0  | 35.9  | 45.2  |               |       |          | x    | Total      | 570016.92   | 274249.62 | 4.00 | 4.00         | 3.00  | 0.1000   |

Calculation configuration Table

| Configuration              |                |
|----------------------------|----------------|
| Parameter                  | Value          |
| General                    |                |
| Country                    | (user defined) |
| Max. Error (dB)            | 0.00           |
| Max. Search Radius (m)     | 2000.00        |
| Min. Dist Src to Rcvr      | 0.00           |
| Partition                  |                |
| Raster Factor              | 0.50           |
| Max. Length of Section (m) | 1000.00        |
| Min. Length of Section (m) | 1.00           |
| Min. Length of Section (%) | 0.00           |
| Proj. Line Sources         | On             |
| Proj. Area Sources         | On             |
| Ref. Time                  |                |
| Reference Time Day (min)   | 960.00         |
| Reference Time Night (min) | 480.00         |
| Daytime Penalty (dB)       | 0.00           |
| Recr. Time Penalty (dB)    | 6.00           |
| Night-time Penalty (dB)    | 10.00          |
| DTM                        |                |
| Standard Height (m)        | 0.00           |
| Model of Terrain           | Triangulation  |
| Reflection                 |                |

| Configuration                       |                 |
|-------------------------------------|-----------------|
| Parameter                           | Value           |
| max. Order of Reflection            | 0               |
| Search Radius Src                   | 100.00          |
| Search Radius Rcvr                  | 100.00          |
| Max. Distance Source - Rcvr         | 1000.00 1000.00 |
| Min. Distance Rcvr - Reflector      | 1.00 1.00       |
| Min. Distance Source - Reflector    | 0.10            |
| Industrial (CNOSSOS-EU)             |                 |
| Lateral Diffraction                 | some Obj        |
| Obst. within Area Src do not shield | On              |
| Temperature (°C)                    | 6               |
| rel. Humidity (%)                   | 79              |
| Ground Absorption G                 | 1.00            |
| Wind Speed for Dir. (m/s)           | 3.0             |
| Roads (NMPB-Routes-96)              |                 |
| Railways (SRM II)                   |                 |
| Aircraft (???)                      |                 |
| Strictly acc. to AzB                |                 |