

DECIBEL - Main Result

Calculation: Mūra_Ala_6_106dB

Noise calculation model:

ISO 9613-2 General

Wind speed (at 10 m height):

Highest noise value

Ground attenuation:

General, Ground factor: 0,4

Meteorological coefficient, C0:

Selected option: Fixed value: 0,0 dB

Type of demand in calculation:

1: WTG noise is compared to demand (DK, DE, SE, NL etc.)

Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

Pure tones:

Fixed penalty added to source noise of WTGs with pure tones

Model: 5,0 dB(A)

Height above ground level, when no value in NSA object:

4,0 m; Don't allow override of model height with height from NSA object

Uncertainty margin:

0,0 dB; Uncertainty margin in NSA has priority

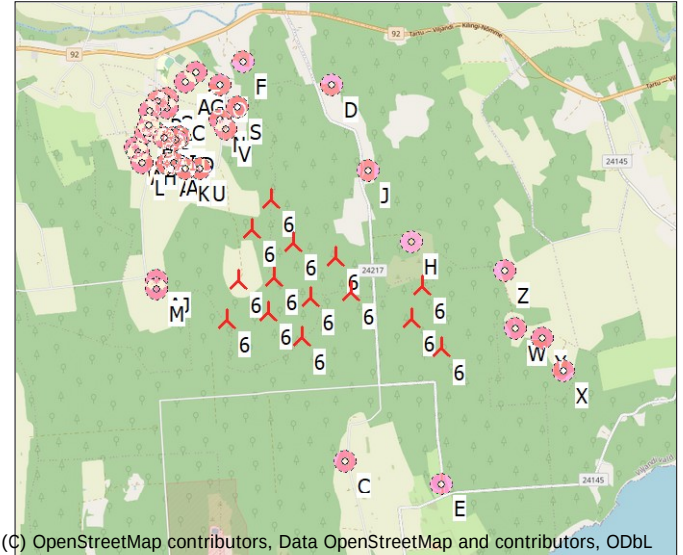
Deviation from "official" noise demands. Negative is more

restrictive, positive is less restrictive.:

0,0 dB(A)

All coordinates are in

Estonian Lambert L-EST97-EST97 (EE)



(C) OpenStreetMap contributors, Data OpenStreetMap and contributors, ODbL

Scale 1:100 000

New WTG

Noise sensitive area

WTGs

East	North	Z	Row data/Description	WTG type		Type-generator	Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data		Wind speed [m/s]	LwA,ref [dB(A)]
				Valid	Manufact.					Creator	Name		
6 609 468	6 470 178	42,4	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 609 559	6 470 703	40,3	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 608 455	6 470 388	48,9	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 608 999	6 470 497	44,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 608 596	6 470 908	46,7	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 610 087	6 470 802	40,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 611 033	6 470 910	40,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 609 877	6 471 250	40,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 611 315	6 470 091	40,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 610 899	6 470 465	40,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 609 304	6 471 425	40,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 609 068	6 470 959	43,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 608 747	6 471 597	43,5	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
6 609 000	6 471 990	41,4	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h

h) Generic octave distribution used

Calculation Results

Sound level

Noise sensitive area

No.	Name	East	North	Z	Immission height [m]	Demands		Sound level From WTGs [dB(A)]	Distance to noise demand [m]	Demands fulfilled ?
						Noise [dB(A)]				
A	Musta	607 322	6 472 816	50,0	4,0	40,0	33,7		968	Yes
B	Roo	607 351	6 472 922	50,0	4,0	40,0	33,4		1 011	Yes
C	Väike-Kiisa	610 081	6 468 554	42,6	4,0	40,0	35,1		841	Yes
D	Kingu	609 765	6 473 533	40,0	4,0	40,0	34,0		931	Yes
E	Villemuse	611 353	6 468 284	40,0	4,0	40,0	32,7		1 122	Yes
F	Riomasoo	608 584	6 473 793	40,6	4,0	40,0	32,7		1 099	Yes
G	Kungla	607 582	6 473 288	48,8	4,0	40,0	32,9		1 102	Yes
H	Tisleri (nõusolek)	610 870	6 471 484	40,0	4,0	40,0	42,6		-321	No
I	Väike-Kuusiku	607 664	6 472 764	49,0	4,0	40,0	35,2		671	Yes
J	Laanemetsa	610 280	6 472 409	40,0	4,0	40,0	38,8		188	Yes
K	Uudse	607 856	6 472 361	47,8	4,0	40,0	37,9		268	Yes
L	Ilusmetsa	607 285	6 472 424	50,0	4,0	40,0	34,8		781	Yes
M	Ruuduaru	607 518	6 470 770	50,0	4,0	40,0	39,3		90	Yes
N	Kalu	608 303	6 473 030	44,1	4,0	40,0	36,3		475	Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Mūra_Ala_6_106dB

...continued from previous page

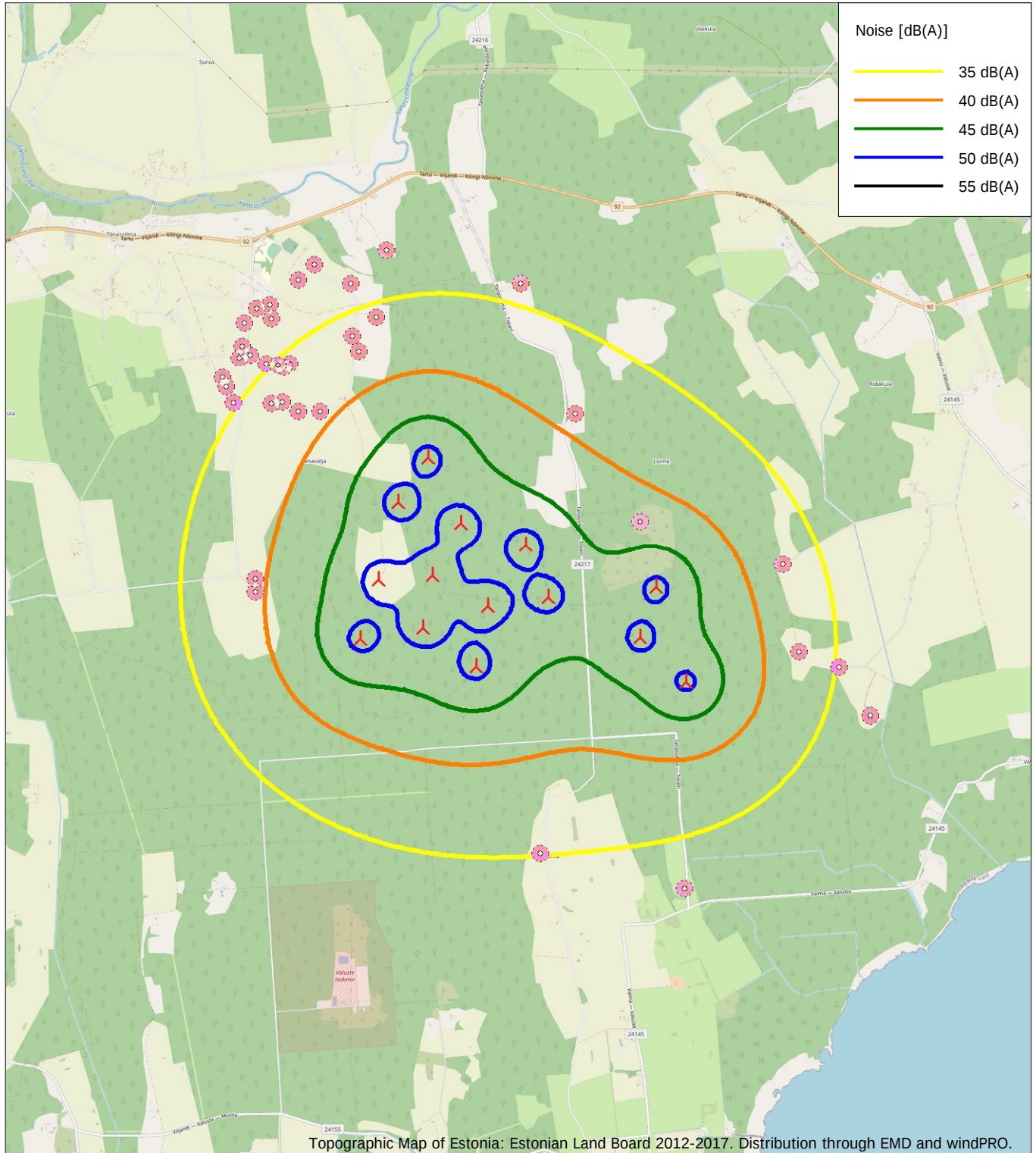
Noise sensitive area				Demands		Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Immission height	Noise	From WTGs	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	
O	Kallaku	608 282	6 473 492	43,1	4,0	40,0	33,8	901	Yes
P	Kopa	607 463	6 473 256	49,8	4,0	40,0	32,6	1 158	Yes
Q	Pihlaka	607 184	6 472 640	50,0	4,0	40,0	33,7	980	Yes
R	Otsa	607 763	6 472 779	48,3	4,0	40,0	35,6	608	Yes
S	Loo	608 516	6 473 208	42,0	4,0	40,0	35,8	552	Yes
T	Muldmäe	607 957	6 473 648	45,9	4,0	40,0	32,4	1 183	Yes
U	Lohu	608 045	6 472 367	46,4	4,0	40,0	39,0	123	Yes
V	Alliku	608 371	6 472 906	43,9	4,0	40,0	37,3	333	Yes
W	Tatsu	612 294	6 470 379	40,0	4,0	40,0	37,3	308	Yes
X	Kõrgesaare	612 938	6 469 842	40,0	4,0	40,0	32,7	979	Yes
Y	Tammevälja	612 649	6 470 256	40,0	4,0	40,0	34,8	654	Yes
Z	Taremurru	612 134	6 471 137	40,0	4,0	40,0	37,2	341	Yes
AA	Vahtra	607 357	6 473 121	50,0	4,0	40,0	32,8	1 138	Yes
AB	Teelahkme	607 422	6 472 850	50,0	4,0	40,0	33,9	911	Yes
AC	Tamme	607 591	6 473 170	48,8	4,0	40,0	33,3	1 008	Yes
AD	Taki	607 715	6 472 747	48,7	4,0	40,0	35,5	622	Yes
AE	Nurmekunna	607 617	6 472 428	49,5	4,0	40,0	36,4	501	Yes
AF	Kuusiku	607 706	6 472 440	48,9	4,0	40,0	36,8	435	Yes
AG	Tammiku	607 824	6 473 515	46,9	4,0	40,0	32,6	1 137	Yes
AH	Ressari	607 216	6 472 562	50,0	4,0	40,0	34,1	911	Yes
AI	Kusma	607 560	6 472 771	49,8	4,0	40,0	34,8	754	Yes
AJ	Ruudiaru	607 516	6 470 882	50,0	4,0	40,0	39,2	98	Yes

Distances (m)

WTG													
NSA	6	6	6	6	6	6	6	6	6	6	6	6	6
A	3400	3076	2679	2861	2294	3420	4171	2996	4833	4279	2421	2548	1875
B	3465	3129	2763	2931	2367	3460	4195	3028	4870	4314	2460	2607	1924
C	1735	2211	2450	2223	2782	2247	2540	2703	1970	2078	2973	2609	3322
D	3367	2837	3406	3130	2873	2749	2913	2285	3774	3270	2157	2666	2187
E	2671	3011	3580	3230	3805	2818	2645	3312	1807	2227	3749	3517	4214
F	3720	3239	3406	3321	2884	3346	3782	2852	4599	4053	2474	2874	2201
G	3636	3253	3028	3129	2586	3528	4190	3068	4913	4354	2536	2762	2053
H	1915	1526	2651	2115	2345	1038	597	1020	1462	1019	1567	1876	2125
I	3152	2799	2503	2630	2076	3117	3844	2681	4524	3968	2117	2286	1592
J	2373	1852	2722	2301	2255	1618	1677	1227	2538	2040	1386	1889	1734
K	2713	2376	2061	2186	1630	2721	3492	2306	4136	3584	1724	1853	1173
L	3131	2851	2348	2578	2004	3237	4041	2845	4655	4110	2252	2307	1679
M	2037	2042	1012	1506	1086	2568	3517	2407	3856	3394	1902	1561	1481
N	3080	2644	2646	2626	2142	2853	3455	2375	4207	3648	1891	2207	1500
O	3519	3067	3108	3079	2602	3239	3772	2751	4556	4000	2305	2651	1951
P	3672	3302	3034	3157	2606	3592	4271	3138	4984	4425	2596	2801	2097
Q	3357	3064	2585	2808	2234	3435	4219	3030	4853	4304	2443	2524	1879
R	3109	2744	2488	2594	2047	3050	3765	2608	4453	3896	2051	2239	1538
S	3175	2713	2820	2753	2301	2873	3407	2384	4188	3632	1949	2315	1627
T	3784	3352	3297	3318	2813	3554	4117	3071	4890	4333	2599	2909	2197
U	2610	2249	2020	2099	1559	2572	3323	2145	3983	3429	1572	1740	1042
V	2939	2502	2519	2489	2010	2714	3326	2238	4072	3513	1750	2067	1362
W	2832	2753	3838	3296	3735	2247	1368	2568	1020	1397	3167	3277	3749
X	3485	3486	4515	3992	4470	3007	2183	3368	1642	2131	3963	4027	4542
Y	3181	3121	4195	3657	4104	2619	1743	2944	1344	1762	3542	3648	4125
Z	2832	2611	3753	3199	3544	2074	1124	2259	1328	1406	2844	3070	3417
AA	3621	3269	2944	3095	2536	3581	4288	3138	4983	4426	2581	2756	2062
AB	3364	3028	2669	2832	2269	3360	4098	2930	4770	4215	2360	2506	1823
AC	3531	3155	2912	3020	2474	3440	4116	2984	4831	4272	2445	2658	1952
AD	3109	2752	2472	2590	2039	3067	3791	2629	4472	3916	2066	2242	1545
AE	2913	2597	2205	2374	1807	2956	3737	2548	4373	3823	1962	2064	1402
AF	2866	2539	2184	2333	1771	2889	3661	2475	4305	3753	1893	2011	1339
AG	3719	3303	3189	3238	2718	3532	4132	3056	4888	4330	2560	2842	2128
AH	3279	2990	2502	2727	2153	3367	4158	2966	4785	4237	2377	2449	1809
AI	3218	2875	2545	2690	2131	3203	3939	2771	4612	4057	2202	2357	1669
AJ	2074	2050	1061	1532	1080	2571	3516	2389	3879	3408	1868	1553	1423

DECIBEL - Map Highest noise value

Calculation: Mūra_Ala_6_106dB



0 500 1000 1500 2000 m

Map: EMD OpenStreetMap, Print scale 1:50 000, Map center Estonian Lambert L-EST97-EST97 (EE) East: 609 885 North: 6 471 040

⚡ New WTG

🏠 Noise sensitive area

Noise calculation model: ISO 9613-2 General. Wind speed: Highest noise value

Height above sea level from active line object

DECIBEL - Main Result

Calculation: Mūra_Ala_10_106dB_PõSak_106 dB

Noise calculation model:

ISO 9613-2 General

Wind speed (at 10 m height):

Highest noise value

Ground attenuation:

General, Ground factor: 0,4

Meteorological coefficient, C0:

Selected option: Fixed value: 0,0 dB

Type of demand in calculation:

1: WTG noise is compared to demand (DK, DE, SE, NL etc.)

Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

Pure tones:

Fixed penalty added to source noise of WTGs with pure tones

Model: 5,0 dB(A)

Height above ground level, when no value in NSA object:

4,0 m; Don't allow override of model height with height from NSA object

Uncertainty margin:

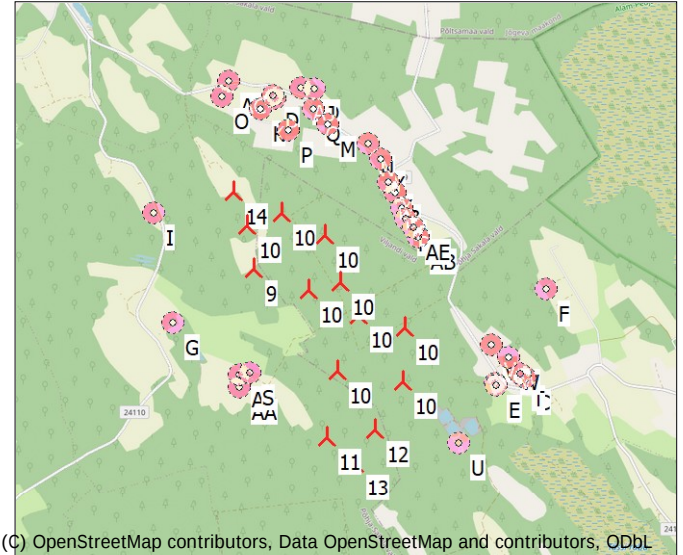
0,0 dB; Uncertainty margin in NSA has priority

Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0,0 dB(A)

All coordinates are in

Estonian Lambert L-EST97-EST97 (EE)



(C) OpenStreetMap contributors, Data OpenStreetMap and contributors, ODbL

Scale 1:100 000

New WTG

Noise sensitive area

WTGs

	East	North	Z	Row data/Description	WTG type		Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data			
					Valid	Manufact.				Creator	Name	Wind speed [m/s]	LWA,ref [dB(A)]
			[m]										
9	602 878	6 493 750	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
10	604 293	6 493 168	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
10	604 906	6 493 020	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
10	602 791	6 494 314	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
10	604 043	6 493 591	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
10	603 240	6 494 497	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
10	604 026	6 492 423	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
10	603 615	6 493 476	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
10	604 901	6 492 308	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
10	603 817	6 494 211	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
11	603 910	6 491 547	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
12	604 556	6 491 657	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
13	604 287	6 491 205	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
14	602 592	6 494 763	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h

h) Generic octave distribution used

Calculation Results

Sound level

Noise sensitive area				Demands		Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Immission height	Noise [dB(A)]	From WTGs [dB(A)]	Distance to noise demand [m]	Noise
				[m]	[m]				
A	Hendriku	602 729	6 492 343	49,3	4,0	40,0	38,7	239	Yes
B	Kutsari	604 730	6 494 809	50,0	4,0	40,0	38,3	233	Yes
C	Kuusiku	606 530	6 492 402	50,0	4,0	40,0	34,5	822	Yes
D	Lageda	603 079	6 496 042	50,0	4,0	40,0	35,6	585	Yes
E	Jaagu	606 140	6 492 287	50,0	4,0	40,0	36,7	443	Yes
F	Männiku	606 776	6 493 581	50,0	4,0	40,0	32,6	1 195	Yes
G	Marimetsa	601 831	6 493 006	47,7	4,0	40,0	36,7	479	Yes
H	Kivilöövi	606 131	6 492 318	50,0	4,0	40,0	36,8	431	Yes
I	Saare	601 546	6 494 445	49,0	4,0	40,0	37,5	302	Yes
J	Tammerinna	603 631	6 496 141	50,0	4,0	40,0	34,5	808	Yes
K	Nõlvi	602 923	6 495 859	50,0	4,0	40,0	36,8	384	Yes
L	Nurme	603 101	6 496 002	50,0	4,0	40,0	35,8	549	Yes
M	Kändla	603 815	6 495 679	50,0	4,0	40,0	36,8	436	Yes
N	Soopõllu	604 361	6 495 444	50,0	4,0	40,0	36,6	481	Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Mūra_Ala_10_106dB_PõSak_106 dB

...continued from previous page

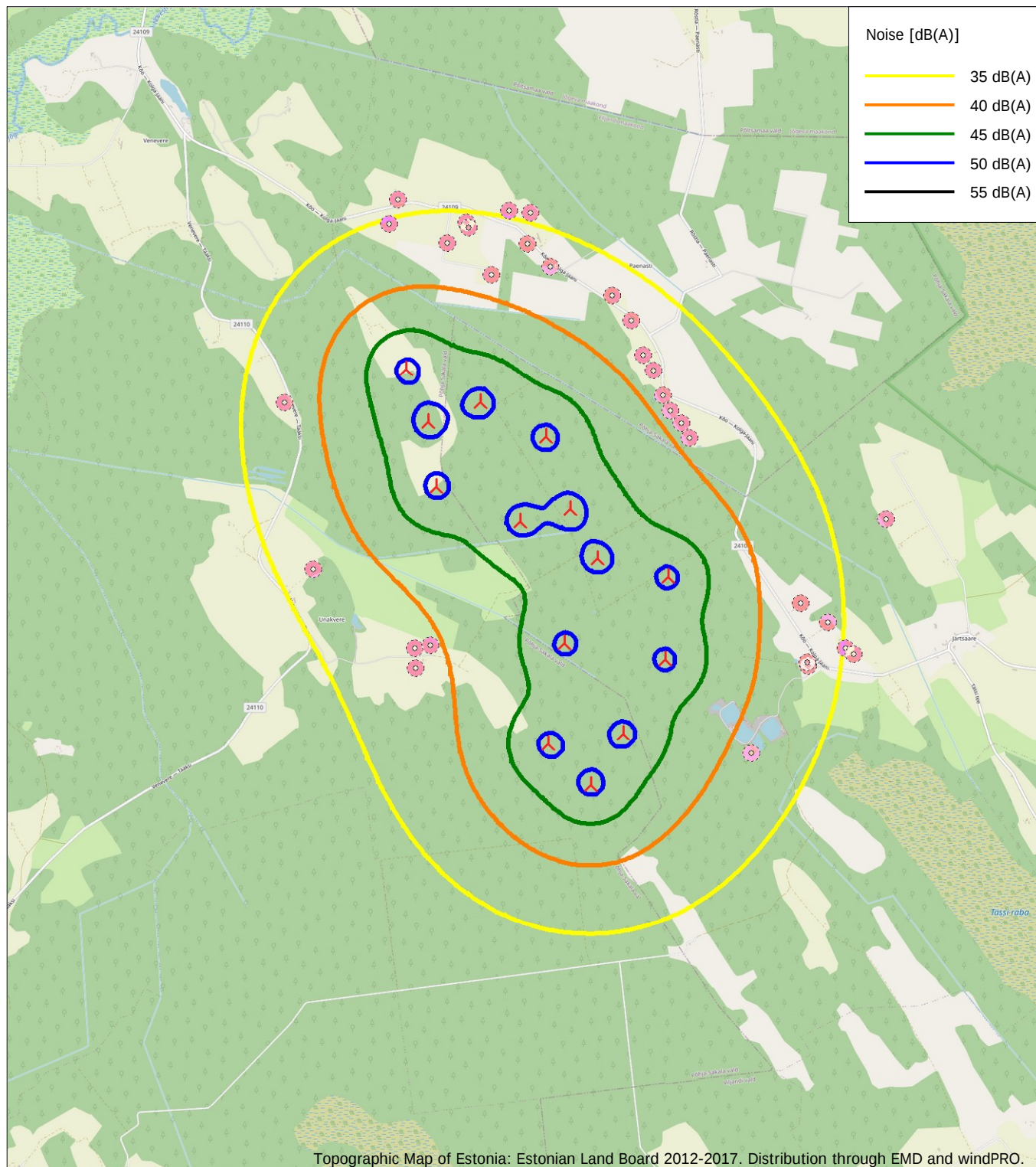
Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Immission height	Noise	From WTGs	Distance to noise demand	Noise	
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
O	Anne	602 407	6 496 016	50,0	4,0	40,0	35,3	570	Yes	
P	Kaasiku	603 305	6 495 599	50,0	4,0	40,0	38,4	197	Yes	
Q	Jaagusaare	603 615	6 495 872	50,0	4,0	40,0	36,1	546	Yes	
R	Siimuri	604 885	6 494 463	50,0	4,0	40,0	39,1	135	Yes	
S	Poka	602 865	6 492 378	49,4	4,0	40,0	39,4	101	Yes	
T	Suurekivi	606 457	6 492 447	50,0	4,0	40,0	34,9	747	Yes	
U	Pihlaka	605 670	6 491 511	50,0	4,0	40,0	38,3	217	Yes	
V	Kungla	606 061	6 492 829	50,0	4,0	40,0	37,3	354	Yes	
W	Lagendiku	606 303	6 492 665	50,0	4,0	40,0	35,8	590	Yes	
X	Mihkeri	604 640	6 494 941	50,0	4,0	40,0	38,1	258	Yes	
Y	Kuuse	604 530	6 495 236	50,0	4,0	40,0	37,1	407	Yes	
Z	Adu	604 824	6 494 596	50,0	4,0	40,0	38,8	169	Yes	
AA	Pärdi	602 738	6 492 176	49,7	4,0	40,0	38,4	291	Yes	
AB	Evardi	605 057	6 494 231	50,0	4,0	40,0	39,1	126	Yes	
AC	Vanatoa	602 484	6 496 227	50,0	4,0	40,0	34,1	764	Yes	
AD	Põllu	603 445	6 496 159	50,0	4,0	40,0	34,6	774	Yes	
AE	Piiri-Jaani	604 988	6 494 355	50,0	4,0	40,0	39,0	150	Yes	

Distances (m)

WTG														
NSA	9	10	10	10	10	10	10	10	10	11	12	13	14	
A	1414	1768	2279	1971	1812	2213	1299	1438	2172	2161	1424	1951	1929	2423
B	2133	1698	1797	2001	1398	1522	2487	1737	2506	1091	3362	3156	3630	2138
C	3892	2364	1737	4198	2756	3899	2503	3106	1631	3260	2755	2109	2541	4590
D	2300	3119	3530	1751	2633	1553	3740	2621	4154	1974	4570	4626	4984	1368
E	3574	2046	1435	3914	2469	3645	2118	2790	1239	3015	2348	1704	2145	4325
F	3901	2516	1952	4051	2732	3652	2983	3162	2266	3024	3513	2937	3440	4347
G	1284	2467	3074	1622	2287	2051	2270	1844	3147	2322	2540	3040	3045	1914
H	3553	2024	1411	3890	2445	3619	2107	2769	1230	2989	2350	1708	2153	4300
I	1502	3028	3649	1252	2638	1694	3199	2284	3977	2282	3739	4102	4243	1093
J	2506	3045	3370	2010	2582	1689	3738	2664	4037	1938	4601	4577	4978	1725
K	2109	3019	3462	1550	2529	1398	3608	2481	4064	1874	4422	4507	4849	1145
L	2263	3074	3485	1716	2588	1511	3696	2577	4108	1928	4527	4581	4940	1339
M	2144	2555	2873	1706	2100	1314	3262	2211	3541	1468	4132	4089	4498	1528
N	2251	2276	2484	1934	1880	1467	3039	2104	3181	1347	3922	3791	4239	1895
O	2314	3415	3900	1744	2924	1732	3940	2812	4467	2290	4714	4859	5164	1266
P	1897	2623	3035	1384	2139	1104	3256	2145	3657	1479	4096	4135	4501	1098
Q	2246	2787	3130	1762	2320	1425	3472	2395	3788	1673	4334	4318	4714	1508
R	2129	1424	1443	2099	1212	1645	2213	1608	2154	1097	3074	2824	3312	2312
S	1372	1632	2139	1937	1690	2151	1162	1329	2037	2065	1335	1838	1843	2400
T	3808	2280	1653	4113	2671	3814	2430	3022	1562	3174	2700	2058	2499	4505
U	3578	2154	1691	4017	2640	3849	1880	2843	1107	3274	1759	1123	1416	4476
V	3313	1800	1170	3590	2156	3276	2075	2529	1271	2635	2503	1907	2404	3971
W	3592	2071	1441	3879	2442	3568	2289	2807	1446	2927	2640	2016	2488	4262
X	2126	1806	1939	1952	1476	1468	2591	1787	2645	1100	3471	3284	3752	2055
Y	2222	2081	2247	1968	1715	1486	2857	1983	2951	1248	3740	3578	4037	1994
Z	2122	1523	1578	2052	1272	1587	2314	1648	2289	1078	3182	2950	3432	2238
AA	1580	1844	2326	2138	1924	2374	1311	1568	2166	2303	1330	1890	1828	2590
AB	2231	1309	1220	2267	1199	1836	2081	1627	1929	1240	2918	2622	3122	2521
AC	2508	3553	4018	1937	3062	1887	4104	2974	4603	2416	4891	5016	5335	1468
AD	2474	3108	3461	1957	2636	1674	3780	2688	4116	1983	4634	4636	5024	1636
AE	2195	1375	1337	2197	1215	1753	2158	1630	2048	1179	3007	2732	3226	2430

DECIBEL - Map Highest noise value

Calculation: Mūra_Ala_10_106dB_PõSak_106 dB



0 500 1000 1500 2000 m

Map: EMD OpenStreetMap, Print scale 1:50 000, Map center Estonian Lambert L-EST97-EST97 (EE) East: 603 749 North: 6 492 984

⚡ New WTG

■ Noise sensitive area

Noise calculation model: ISO 9613-2 General. Wind speed: Highest noise value
Height above sea level from active line object

DECIBEL - Main Result

Calculation: Mūra_Alad_1_3_106dB

Noise calculation model:

ISO 9613-2 General

Wind speed (at 10 m height):

Highest noise value

Ground attenuation:

General, Ground factor: 0,4

Meteorological coefficient, C0:

Selected option: Fixed value: 0,0 dB

Type of demand in calculation:

1: WTG noise is compared to demand (DK, DE, SE, NL etc.)

Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

Pure tones:

Fixed penalty added to source noise of WTGs with pure tones

Model: 5,0 dB(A)

Height above ground level, when no value in NSA object:

4,0 m; Don't allow override of model height with height from NSA object

Uncertainty margin:

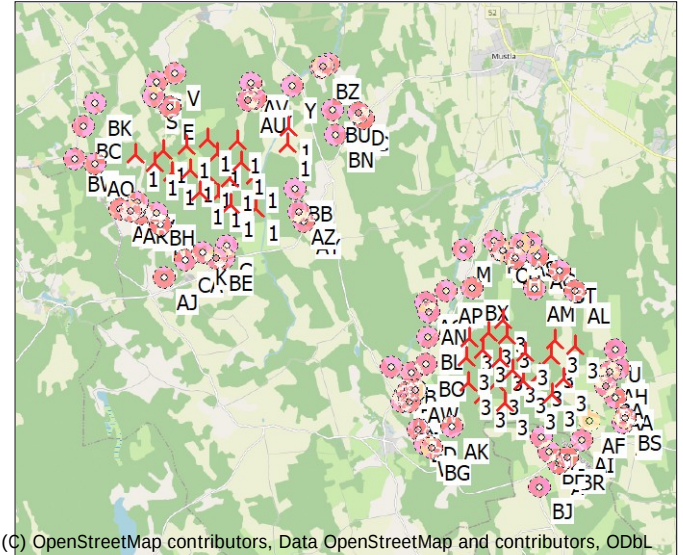
0,0 dB; Uncertainty margin in NSA has priority

Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0,0 dB(A)

All coordinates are in

Estonian Lambert L-EST97-EST97 (EE)



(C) OpenStreetMap contributors, Data OpenStreetMap and contributors, ODbL

Scale 1:200 000

New WTG

Noise sensitive area

WTGs

	East	North	Z	Row data/Description	WTG type		Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data		Wind speed [m/s]	LwA,ref [dB(A)]
					Valid	Manufact.				Creator	Name		
			[m]										
1	601 986	6 452 918	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	600 822	6 453 758	80,8	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	599 997	6 453 269	90,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	601 435	6 452 973	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	601 635	6 453 571	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	601 199	6 452 553	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	601 680	6 452 475	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	603 497	6 453 874	79,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	600 928	6 453 128	82,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	600 471	6 453 045	85,3	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	603 494	6 454 308	76,5	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	602 155	6 453 906	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	602 268	6 453 367	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	602 695	6 452 145	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	602 635	6 453 017	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	599 483	6 452 234	90,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	602 041	6 452 234	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	600 210	6 453 607	89,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
1	601 365	6 453 956	90,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	610 964	6 447 863	65,7	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	609 189	6 447 706	70,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	611 252	6 448 744	61,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	610 344	6 447 969	66,3	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	608 854	6 447 379	70,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	608 395	6 448 350	70,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	608 450	6 447 694	70,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	609 326	6 449 372	62,5	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	609 448	6 447 177	70,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	608 442	6 448 856	67,4	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	610 712	6 448 878	62,7	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	609 901	6 447 776	68,9	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	610 162	6 447 355	68,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	608 807	6 448 566	67,8	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	610 675	6 447 439	67,2	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	609 598	6 448 058	69,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	609 429	6 448 988	64,4	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
3	608 943	6 449 037	65,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h

To be continued on next page...

DECIBEL - Main Result

Calculation: Mūra_Alad_1_3_106dB

...continued from previous page

East	North	Z	Row data/Description	WTG type		Type-generator	Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data		Wind speed [m/s]	LwA,ref [dB(A)]
				Valid	Manufact.					Creator	Name		
3 609 937	6 448 536	65,9	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
3 609 279	6 448 347	68,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h
3 610 618	6 448 460	64,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0	106,0 h

h) Generic octave distribution used

Calculation Results

Sound level

Noise sensitive area				Demands		Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Immission height	Noise	From WTGs	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	
A	Loisu	610 903	6 445 627	74,6	4,0	40,0	35,3	796	Yes
B	Nõgla	612 455	6 448 207	60,0	4,0	40,0	37,0	442	Yes
C	Oina	605 483	6 454 578	78,5	4,0	40,0	31,9	1 273	Yes
D	Pilli	605 351	6 454 733	79,6	4,0	40,0	32,2	1 186	Yes
E	Ojavälja	600 360	6 454 759	89,9	4,0	40,0	39,9	16	Yes
F	Uue-Mõru	609 024	6 451 446	63,6	4,0	40,0	33,6	1 185	Yes
G	Vaino	601 937	6 451 141	89,8	4,0	40,0	39,1	131	Yes
H	Toltsi	609 610	6 451 011	66,3	4,0	40,0	35,5	755	Yes
I	Mukteni	610 003	6 451 433	60,0	4,0	40,0	33,5	1 244	Yes
J	Taga-Mõru	609 224	6 451 190	65,2	4,0	40,0	34,7	916	Yes
K	Uue-Soosaare	601 326	6 450 943	106,6	4,0	40,0	37,4	421	Yes
L	Laansoo	601 894	6 450 815	97,4	4,0	40,0	37,0	459	Yes
M	Mustlase	608 218	6 451 200	62,1	4,0	40,0	33,8	1 148	Yes
N	Lepalaane	600 178	6 451 648	110,0	4,0	40,0	38,5	237	Yes
O	Lepiku	606 420	6 448 048	71,1	4,0	40,0	34,5	979	Yes
P	Nurme	607 083	6 447 437	70,0	4,0	40,0	37,1	447	Yes
Q	Aabrami	609 279	6 451 220	65,0	4,0	40,0	34,6	944	Yes
R	Peebu	604 520	6 455 998	70,0	4,0	40,0	31,6	1 310	Yes
S	Väike-Panni	599 897	6 455 044	90,0	4,0	40,0	37,2	437	Yes
T	Aaviku	599 986	6 455 433	90,0	4,0	40,0	35,5	774	Yes
U	Kütiaseme	612 347	6 448 656	60,0	4,0	40,0	37,7	305	Yes
V	Tedrearu	600 466	6 455 652	84,3	4,0	40,0	35,2	845	Yes
W	Paisjärve	607 335	6 446 037	78,6	4,0	40,0	34,2	1 009	Yes
X	Veske	606 903	6 447 131	73,4	4,0	40,0	35,6	722	Yes
Y	Miku	603 597	6 455 402	70,2	4,0	40,0	36,5	421	Yes
Z	Siimu	612 061	6 447 912	62,2	4,0	40,0	39,2	107	Yes
AA	Lohu	612 353	6 447 392	62,8	4,0	40,0	36,6	527	Yes
AB	Kuusiku	612 600	6 446 724	62,1	4,0	40,0	34,0	1 031	Yes
AC	Uue-Õõpalu	610 196	6 451 072	64,7	4,0	40,0	34,8	952	Yes
AD	Kukese	599 102	6 452 029	110,0	4,0	40,0	36,6	528	Yes
AE	Mäeveski	606 706	6 447 131	73,8	4,0	40,0	34,7	905	Yes
AF	Kokamäe/1	611 675	6 446 764	66,5	4,0	40,0	38,2	249	Yes
AG	Vaheveski	606 749	6 447 263	72,5	4,0	40,0	35,2	819	Yes
AH	Koguli	612 196	6 448 064	60,2	4,0	40,0	38,5	210	Yes
AI	Vindi	611 511	6 446 260	68,1	4,0	40,0	36,7	509	Yes
AJ	Männiku	600 341	6 450 249	120,0	4,0	40,0	32,9	1 398	Yes
AK	Tulba	608 056	6 446 527	74,1	4,0	40,0	38,8	170	Yes
AL	Karusaadu	611 199	6 450 207	61,6	4,0	40,0	37,2	442	Yes
AM	Tisleri	610 124	6 450 217	68,7	4,0	40,0	39,2	123	Yes
AN	Karukäpa	607 363	6 449 537	70,0	4,0	40,0	37,7	344	Yes
AO	Karu	607 279	6 449 765	70,0	4,0	40,0	36,6	543	Yes
AP	Pasuna	607 815	6 450 090	62,3	4,0	40,0	37,5	385	Yes
AQ	Simuski	598 420	6 453 207	100,2	4,0	40,0	36,6	399	Yes
AR	Orjatu	599 386	6 451 975	107,3	4,0	40,0	37,5	397	Yes
AS	Liiva	609 728	6 451 398	60,0	4,0	40,0	33,8	1 155	Yes
AT	Metsakassi	610 446	6 446 292	70,1	4,0	40,0	39,8	27	Yes
AU	Änilase	602 412	6 455 005	80,0	4,0	40,0	39,2	128	Yes
AV	Pihlaka	602 473	6 455 447	80,0	4,0	40,0	36,8	574	Yes
AW	Mulgi	607 051	6 447 460	70,0	4,0	40,0	37,0	470	Yes
AX	Villike	602 612	6 455 046	80,0	4,0	40,0	38,9	182	Yes
AY	Vaga	603 963	6 451 809	80,0	4,0	40,0	36,5	537	Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Mūra_Alad_1_3_106dB

...continued from previous page

Noise sensitive area				Demands		Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Immission height	Noise	From WTGs	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	
AZ	Ibise	603 839	6 452 071	80,0	4,0	40,0	37,7	335	Yes
BA	Oina	612 113	6 447 675	63,0	4,0	40,0	38,5	213	Yes
BB	Mäearu	603 717	6 452 675	80,0	4,0	40,0	39,6	61	Yes
BC	Roodeviku	598 074	6 454 213	100,9	4,0	40,0	33,7	887	Yes
BD	Palu	607 169	6 446 412	78,0	4,0	40,0	34,9	870	Yes
BE	Rabi-Markuse	601 677	6 450 795	104,9	4,0	40,0	36,9	500	Yes
BF	Kassi	610 662	6 445 910	73,3	4,0	40,0	37,2	453	Yes
BG	Murikatsi	607 520	6 445 949	78,2	4,0	40,0	34,5	955	Yes
BH	Kütimäe	600 068	6 451 950	102,3	4,0	40,0	39,8	38	Yes
BI	Koigo	599 661	6 451 918	109,6	4,0	40,0	38,2	286	Yes
BJ	Urba	610 419	6 444 972	86,9	4,0	40,0	33,1	1 311	Yes
BK	Kaasiku	598 376	6 454 819	98,4	4,0	40,0	33,4	998	Yes
BL	Noplimetsa	607 337	6 448 869	70,0	4,0	40,0	39,2	107	Yes
BM	Tõnise	606 937	6 447 911	70,0	4,0	40,0	37,0	482	Yes
BN	Suur-Vanausse	604 760	6 454 146	79,7	4,0	40,0	36,0	493	Yes
BO	Nopli	607 309	6 448 155	70,0	4,0	40,0	39,4	84	Yes
BP	Kokamäe	611 707	6 446 757	66,4	4,0	40,0	38,1	278	Yes
BQ	Viidiku/1	604 317	6 455 893	70,0	4,0	40,0	32,4	1 119	Yes
BR	Sadama	611 152	6 445 772	70,0	4,0	40,0	35,5	752	Yes
BS	Vaheri	612 635	6 446 879	61,8	4,0	40,0	34,2	988	Yes
BT	Uue-Tisleri	610 780	6 450 714	62,9	4,0	40,0	35,6	804	Yes
BU	Mägiraude	604 661	6 454 803	77,0	4,0	40,0	35,3	572	Yes
BV	Jõksi	599 559	6 452 231	100,9	4,0	40,0	39,4	88	Yes
BW	Meltsa	597 868	6 453 336	102,4	4,0	40,0	33,4	929	Yes
BX	Miku-Petri	608 487	6 450 184	62,1	4,0	40,0	39,2	110	Yes
BY	Tagaveski	606 856	6 447 397	70,0	4,0	40,0	35,9	675	Yes
BZ	Viidiku	604 374	6 455 949	70,0	4,0	40,0	32,1	1 195	Yes
CA	Ritsu	600 870	6 450 728	120,0	4,0	40,0	35,6	759	Yes

Distances (m)

WTG																									
NSA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3			
A	11515	12948	13313	11980	12203	11919	11484	11081	12477	12797	11409	12041	11592	10478	11086	13865	11051	13338	12659	2236	2693	3136			
B	11477	12886	13443	12002	12073	12062	11586	10597	12529	12920	10837	11768	11415	10521	10931	14005	11162	13379	12488	1530	3303	1317			
C	3870	4731	5638	4353	3976	4737	4345	2106	4778	5240	2006	3394	3434	3699	3247	6095	4163	5360	4164	8665	7805	8202			
D	3822	4631	5548	4292	3892	4688	4309	2043	4703	5162	1904	3300	3371	3707	3212	5995	4146	5261	4060	8869	8004	8405			
E	2455	1102	1533	2084	1742	2359	2637	3259	1727	1717	3166	1987	2362	3504	2865	1537	3032	1161	1286	12645	11297	12439			
F	7188	8519	9206	7739	7686	7901	7414	6035	8266	8699	6224	7294	7021	6365	6577	9756	7025	9072	8058	4073	3742	3501			
G	1777	2844	2879	1899	2448	1593	1358	3146	2228	2402	3528	2773	2250	1258	2001	3401	1098	3010	2872	9601	8022	9616			
H	7857	9205	9871	8404	8373	8549	8062	6748	8933	9360	6946	7995	7708	7005	7255	10425	7665	9749	8753	3426	3331	2798			
I	8151	9468	10170	8702	8634	8873	8386	6947	9229	9664	7113	8226	7970	7340	7534	10717	8000	10028	8996	3696	3814	2964			
J	7439	8783	9455	7988	7951	8138	7651	6323	8516	8945	6521	7570	7286	6596	6835	10007	7256	9329	8329	3753	3483	3176			
K	2082	2859	2678	2032	2646	1615	1572	3646	2220	2269	4002	3076	2600	1822	2452	3148	1476	2887	3012	10115	8501	10164			
L	2105	3132	3101	2205	2768	1871	1673	3453	2506	2645	3841	3101	2578	1552	2323	3605	1426	3259	3184	9535	7928	9582			
M	6463	7824	8474	7009	6995	7146	6659	5424	7538	7961	5653	6637	6330	5601	5869	9029	6261	8359	7384	4320	3625	3902			
N	2209	2206	1631	1826	2412	1364	1714	3995	1659	1427	4250	3000	2705	2565	2812	1975	1952	1959	2594	11427	9833	11445			
O	6584	7994	8275	7005	7306	6894	6484	6516	7479	7767	6908	7244	6745	5535	6244	8818	6056	8332	7773	4546	2789	4881			
P	7483	8895	9174	7906	8202	7795	7385	7366	8380	8667	7749	8130	7636	6434	7134	9717	6957	9233	8669	3903	2123	4368			
Q	7486	8827	9502	8035	7995	8187	7700	6360	8563	8992	6555	7611	7330	6646	6880	10054	7306	9375	8371	3755	3514	3165			
R	3987	4322	5281	4320	3769	4784	4524	2357	4596	5010	1976	3156	3462	4262	3526	5622	4506	4927	3757	10375	9513	9894			
S	2979	1583	1777	2579	2277	2810	3126	3784	2175	2079	3671	2528	2904	4028	3406	1601	3533	1470	1827	13189	11837	12982			
T	3212	1871	2163	2855	2486	3124	3408	3841	2489	2436	3683	2652	3078	4259	3584	2000	3801	1839	2020	13331	12013	13098			
U	11200	12600	13179	11731	11782	11806	11327	10270	12259	12657	10500	11461	11122	10260	10643	13741	10906	13104	12190	1593	3297	1098			
V	3127	1926	2428	2848	2386	3184	3400	3513	2565	2606	3312	2429	2910	4154	3412	2368	3762	2060	1919	13068	11796	12805			
W	8713	10098	10299	9103	9445	8948	8566	8724	9554	9807	9116	9418	8908	7668	8412	10827	8148	10392	9914	4061	2494	4760			
X	7592	8992	9236	7999	8318	7868	7470	7552	8463	8735	7943	8270	7767	6544	7268	9774	7046	9310	8787	4125	2357	4638			
Y	2960	3224	4183	3251	2683	3723	3498	1531	3505	3914	1099	2077	2430	3378	2571	4532	3528	3832	2659	10537	9510	10142			
Z	11247	12665	13196	11766	11859	11809	11336	10432	12290	12672	10687	11575	11206	10275	10716	13758	10909	13144	12282	1098	2878	1160			
AA	11744	13168	13678	12258	12368	12287	11818	10971	12780	13154	11235	12097	11718	10761	11225	14240	11389	13637	12795	1466	3178	1743			
AB	12286	13715	14196	12791	12923	12801	12338	11572	13309	13673	11846	12672	12279	11288	11782	14758	11907	14169	13357	1993	3548	2428			
AC	8413	9748	10429	8962	8916	9116	8628	7259	9490	9920	7440	8523	8250	7575	7805	10981	8235	10299	9287	3298	3512	2555			
AD	3017	2438	1529	2516	2965	2160	2615	4765	2131	1704	4947	3583	3436	3594	3668	1516	2945	1928	2971	12568	10971	12583			
AE	7466	8860	9090	7866	8195	7726	7334	7465	8325	8591	7860	8159	7651	6419	7154	9625	6912	9170	8664	4319	2548	4823			
AF	11475	12908	13363	11971	12126	11966	11508	10833	12486	12841	11125	11897	11489	10465	10988	13923	11075	13348	12567	1309	2657	2024			
AG	7392	8790	9034	7797	8118	7665	7268	7365	8261	8532	7758	8074	7569	6344	7071	9571	6845	9108	8587	4256	2479	4739			
AH	11302	12716	13259	11824	11907	11875	11400	10457	12349	12735	10707	11613	11252	10337	10764	13821	10975	13201	12326	1248	3027	1163			
AI	11618	13053	13475	12103	12284	12077	11627	11051	12612	12954	11356	12079	11655	10596	11152	14033	11193	13475	12731	1693	2734	2497			
AJ	3134	3541	4039	2934	3564	2458	2597	4805	2938	2798	5138	4081	3664	3022	3594	3358	2613	3359	3845	10884	9204	11011			

DECIBEL - Main Result

Calculation: Mūra_Alad_1_3_106dB

...continued from previous page

NSA	WTG																					
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	
AK	8812	10225	10504	9237	9529	9126	8717	8644	9712	9998	9017	9445	8957	7763	8453	11045	8289	10565	9995	3199	1635	3889
AL	9601	10965	11609	10145	10135	10269	9783	8528	10675	11094	8725	9768	9470	8719	9010	12165	9377	11499	10521	2355	3207	1463
AM	8572	9950	10573	9113	9125	9223	8738	7567	9642	10056	7788	8779	8461	7672	7993	11132	8328	10474	9521	2498	2678	1855
AN	6350	7783	8255	6849	7004	6861	6396	5808	7367	7731	6140	6796	6372	5345	5869	8816	5965	8227	7448	3970	2585	3968
AO	6159	7590	8078	6664	6806	6687	6219	5583	7184	7555	5911	6586	6169	5163	5668	8641	5789	8043	7246	4146	2808	4101
AP	6477	7894	8437	6999	7091	7058	6581	5740	7525	7914	6036	6824	6440	5515	5948	8999	6157	8376	7518	3856	2751	3690
AQ	3576	2464	1578	3023	3235	2854	3340	5119	2509	2057	5191	3799	3851	4404	4218	1101	3748	1834	3038	13631	12089	13582
AR	2765	2289	1431	2278	2757	1902	2347	4527	1925	1523	4723	3375	3200	3313	3411	1524	2667	1828	2799	12283	10689	12295
AS	7888	9211	9906	8438	8377	8605	8118	6703	8965	9400	6877	7975	7713	7070	7273	10455	7730	9768	8743	3743	3730	3059
AT	10743	12177	12560	11214	11426	11164	10724	10281	11715	12042	10607	11253	10810	9709	10304	13115	10290	12577	11879	1654	1891	2581
AU	2129	2020	2973	2254	1630	2735	2633	1567	2392	2758	1287	1128	1644	2873	2000	3294	2795	2607	1482	11139	9957	10829
AV	2574	2361	3296	2682	2054	3161	3075	1876	2785	3126	1530	1573	2090	3308	2435	3569	3241	2916	1857	11381	10245	11042
AW	7444	8856	9135	7867	8163	7756	7346	7330	8341	8628	7714	8092	7598	6395	7096	9678	6918	9194	8630	3933	2152	4392
AX	2217	2205	3160	2383	1768	2865	2734	1468	2551	2930	1150	1228	1714	2901	2029	3491	2868	2799	1656	11012	9853	10691
AY	2266	3696	4225	2782	2919	2862	2378	2116	3308	3703	2542	2768	2301	1311	1795	4786	1968	4160	3369	8034	6642	7905
AZ	2037	3456	4023	2567	2665	2683	2196	1835	3096	3505	2262	2490	2035	1146	1531	4582	1805	3939	3109	8272	6903	8123
BA	11401	12822	13341	11916	12019	11951	11481	10611	12439	12817	10872	11743	11368	10421	10876	13903	11052	13295	12445	1164	2923	1372
BB	1748	3090	3766	2301	2266	2521	2046	1219	2824	3266	1647	1988	1605	1151	1134	4312	1732	3628	2678	8696	7389	8496
BC	4119	2784	2142	3582	3617	3537	4002	5432	3053	2666	5420	4091	4278	5061	4714	1580	4432	2220	3300	14365	12876	14264
BD	8316	9705	9919	8710	9046	8562	8176	8314	9165	9424	8706	9014	8505	7270	8009	10450	7756	10007	9515	4062	2398	4701
BE	2145	3083	2989	2190	2776	1821	1680	3576	2450	2552	3954	3147	2638	1691	2419	3479	1484	3171	3175	9736	8120	9790
BF	11150	12583	12953	11616	11836	11559	11122	10709	12114	12437	11037	11671	11224	10113	10718	13506	10689	12976	12292	1976	2322	2894
BG	8897	10285	10493	9290	9627	9139	8755	8885	9743	9999	9275	9594	9086	7851	8589	11022	8336	10583	10096	3939	2423	4662
BH	2148	1959	1321	1707	2254	1281	1695	3931	1459	1167	4158	2860	2616	2634	2779	1653	1993	1662	2388	11634	10057	11631
BI	2530	2175	1392	2063	2574	1663	2094	4305	1752	1388	4516	3189	2982	3042	3170	1588	2400	1775	2656	12005	10414	12014
BJ	11584	13008	13317	12026	12289	11933	11515	11273	12510	12808	11620	12166	11697	10538	11191	13862	11084	13367	12751	2941	2997	3862
BK	4078	2665	2242	3572	3489	3619	4050	5206	3061	2744	5142	3887	4153	5078	4623	1724	4483	2198	3110	14378	12939	14233
BL	6709	8143	8555	7186	7389	7157	6707	6306	7692	8034	6657	7224	6774	5680	6268	9113	6273	8555	7843	3763	2186	3916
BM	7040	8458	8765	7474	7753	7379	6960	6882	7955	8254	7262	7666	7178	5991	6675	9312	6530	8812	8219	4026	2261	4394
BN	3033	3956	4841	3525	3176	3900	3503	1291	3963	4427	1276	2615	2610	2874	2405	5315	3323	4580	3399	8827	7814	8443
BO	7141	8569	8920	7595	7842	7526	7094	6871	8087	8404	7237	7720	7248	6098	6742	9472	6661	8948	8303	3666	1932	3986
BP	11506	12938	13394	12002	12157	11997	11539	10862	12517	12872	11153	11927	11519	10496	11019	13955	11107	13379	12597	1332	2690	2038
BQ	3778	4094	5053	4102	3546	4568	4316	2178	4372	4784	1785	2935	3252	4083	3331	5394	4308	4699	3530	10421	9524	9957
BR	11619	13053	13436	12090	12301	12040	11600	11143	12591	12918	11464	12125	11684	10586	11178	13990	11167	13454	12754	2099	2755	2973
BS	12239	13666	14157	12746	12872	12763	12298	11504	13266	13633	11775	12614	12226	11245	11730	14719	11867	14125	13304	1939	3543	2321
BT	9063	10410	11078	9611	9578	9753	9266	7936	10140	10566	8121	9194	8913	8208	8462	11631	8868	10955	9955	2856	3402	2025
BU	3271	3978	4908	3708	3266	4128	3781	1489	4090	4542	1267	2661	2790	3305	2700	5339	3668	4607	3402	9372	8416	8950
BV	2522	1981	1127	2017	2470	1670	2134	4266	1637	1222	4448	3089	2937	3137	3174	1268	2481	1522	2497	12209	10637	12198
BW	4138	2983	2130	3585	3773	3420	3907	5653	3067	2618	5708	4324	4399	4971	4776	1622	4315	2357	3550	14189	12640	14146
BX	7051	8455	9030	7581	7641	7661	7180	6204	8109	8509	6474	7343	6984	6113	6499	9591	6762	8954	8057	3393	2575	3117
BY	7360	8765	9026	7774	8083	7652	7249	7294	8243	8522	7683	8027	7527	6311	7026	9566	6823	9093	8552	4133	2353	4597
BZ	3857	4172	5130	4182	3626	4648	4395	2252	4452	4863	1862	3015	3331	4157	3408	5470	4385	4776	3608	10428	9543	9958
CA	2457	3030	2686	2314	2944	1854	1925	4097	2400	2351	4437	3427	2986	2310	2890	3096	1907	2953	3265	10489	8848	10567

	WTG																	
NSA	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
A	2407	2695	3701	3207	4062	2125	4059	3255	2370	1880	3609	1826	2758	3669	3932	3064	3167	2846
B	2123	3694	4061	4037	3338	3177	4064	1867	2590	2445	3664	1938	2860	3124	3607	2538	3178	1854
C	8201	7947	6873	7494	6469	8393	6440	7733	8108	8603	6867	8825	7708	6841	6531	7504	7294	7985
D	8404	8144	7069	7688	6672	8592	6638	7937	8310	8805	7067	9028	7910	7043	6732	7707	7495	8188
E	12070	11249	10275	10737	10457	11832	10005	11903	11820	12280	10471	12645	11409	10746	10313	11418	10981	12034
F	3718	4070	3158	3795	2095	4288	2653	3073	3772	4245	2887	4333	3436	2491	2410	3049	3109	3384
G	8983	7872	7033	7366	7596	8490	6893	9060	8643	9052	7335	9487	8256	7793	7313	8411	7853	9082
H	3128	3709	2924	3513	1663	3836	2450	2401	3247	3696	2572	3726	2952	2031	2083	2496	2684	2742
I	3479	4213	3476	4048	2169	4290	3012	2651	3658	4080	3105	4049	3398	2511	2619	2897	3169	3035
J	3409	3828	2957	3580	1820	4018	2460	2749	3480	3947	2656	4021	3154	2211	2171	2748	2843	3064
K	9493	8327	7527	7827	8150	8950	7414	9608	9138	9534	7847	9981	8758	8333	7850	8939	8363	9615
L	8914	7760	6950	7258	7569	8382	6833	9026	8561	8960	7268	9405	8180	7751	7268	8358	7784	9033
M	3866	3873	2854	3513	2137	4205	2354	3407	3814	4307	2698	4491	3431	2521	2281	3170	3043	3641
N	10808	9667	8851	9165	9424	10289	8720	10889	10462	10865	9160	11306	10078	9623	9143	10241	9678	10912
O	3924	2523	1997	2060	3193	3150	2177	4370	3490	3805	2442	4297	3177	3152	2709	3550	2874	4217
P	3303	1771	1598	1390	2962	2379	1965	3904	2837	3079	2061	3591	2590	2812	2453	3058	2376	3679
Q	3420	3864	3002	3621	1848	4045	2507	2745	3499	3963	2694	4029	3177	2236	2208	2763	2872	3067
R	9916	9645	8571	9184	8183	10101	8145	9433	9823	10318	8577	10539	9422	8556	8245	9219	9008	9693
S	12613	11786	10814	11273	11000	12370	10547	12446	12362	12822	11013	13187	11951	11290	10856	11962	11524	12577
T	12763	11976	10991	11465	11131	12554	10710	12567	12524	12989	11175	13344	12112	11430	11003	12104	11683	12711
U	2116	3718	3963	4013	3104	3253	3909	1649	2599	2542	3540	2068	2812	2936	3424	2412	3083	1740
V	12510	11778	10775	11269	10857	12345	10476	12280	12286	12758	10941	13099	11874	11166	10749	11843	11444	12437
W	3575	2026	2544	1996	3883	2400	3028	4412	3098	3118	2926	3621	3033	3617	3403	3607	3018	4079
X	3541	1966	1926	1645	3300	2545	2311	4189	3065	3266	2384	3783	2849	3134	2791	3343	2668	3944
Y	10035	9589	8527	9105	8315	10090	8141	9651	9891	10382	8592	10651	9482	8667	8310	9343	9056	9870
Z	1717	3250	3691	3617	3099	2713	3739	1658	2164	1978	3318	1464	2466	2842	3314	2213	2815	1543

DECIBEL - Main Result

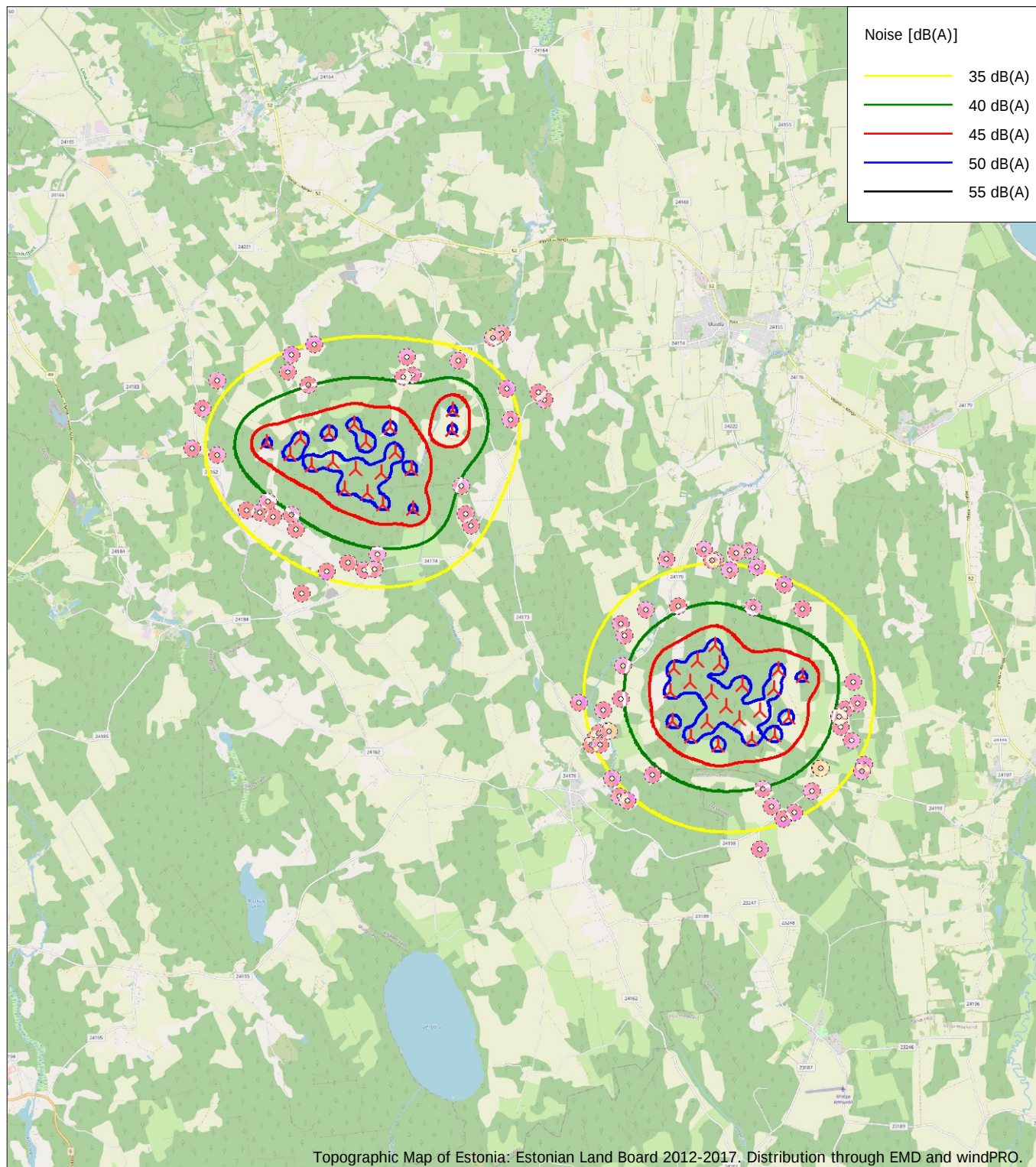
Calculation: Mūra_Alad_1_3_106dB

...continued from previous page

NSA	WTG																	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
AA	2089	3498	4071	3914	3616	2912	4174	2213	2481	2190	3734	1678	2833	3330	3785	2672	3218	2037
AB	2576	3802	4507	4261	4209	3183	4671	2863	2896	2517	4215	2053	3284	3895	4326	3219	3695	2634
AC	3105	3929	3263	3802	1909	3965	2825	2254	3308	3716	2864	3663	3072	2220	2389	2549	2875	2645
AD	11949	10801	9991	10301	10561	11424	9861	12027	11603	12004	10301	12446	11219	10762	10283	11381	10819	12052
AE	3732	2161	2082	1832	3447	2742	2447	4369	3258	3462	2544	3980	3036	3295	2938	3522	2845	4130
AF	1795	2886	3642	3356	3509	2264	3849	2322	2042	1624	3386	1206	2446	3160	3553	2481	2871	1998
AG	3663	2107	1972	1754	3329	2700	2324	4278	3192	3413	2436	3929	2957	3186	2821	3432	2751	4048
AH	1854	3411	3811	3764	3153	2886	3835	1692	2313	2153	3425	1644	2597	2916	3394	2307	2930	1627
AI	2069	2882	3751	3380	3801	2257	4018	2736	2211	1737	3553	1445	2624	3430	3781	2766	3055	2374
AJ	10257	8981	8272	8499	9025	9608	8218	10458	9871	10236	8629	10706	9510	9172	8684	9745	9135	10428
AK	2704	1167	1854	1231	3115	1536	2360	3546	2227	2262	2173	2772	2172	2817	2661	2751	2192	3208
AL	2395	3673	3362	3724	2050	3498	3069	1415	2755	3034	2899	2816	2679	2148	2540	2093	2673	1841
AM	2258	3109	2544	3027	1162	3113	2163	1462	2451	2861	2111	2831	2222	1411	1669	1691	2052	1825
AN	3367	2622	1572	2139	1969	3148	1276	3413	3088	3548	1740	3919	2680	2137	1657	2761	2255	3427
AO	3551	2858	1801	2378	2084	3375	1476	3545	3290	3757	1942	4115	2879	2286	1816	2928	2451	3584
AP	3300	2903	1833	2478	1673	3338	1384	3140	3114	3603	1818	3898	2703	1954	1543	2630	2276	3241
AQ	13020	11948	11091	11441	11557	12565	10923	13029	12697	13116	11373	13540	12304	11786	11316	12425	11893	13085
AR	11664	10521	9708	10021	10272	11144	9575	11739	11319	11721	10016	12162	10934	10475	9996	11094	10534	11765
AS	3482	4112	3326	3917	2065	4229	2847	2705	3625	4065	2977	4070	3342	2428	2487	2869	3083	3069
AT	1680	1927	2905	2439	3276	1334	3253	2598	1580	1100	2802	1169	1958	2880	3128	2300	2362	2174
AU	10600	9980	8946	9479	8916	10522	8610	10314	10406	10886	9072	11200	9992	9241	8845	9921	9562	10493
AV	10854	10284	9240	9786	9155	10815	8889	10535	10675	11159	9350	11460	10262	9490	9105	10170	9832	10728
AW	3331	1804	1611	1417	2971	2413	1971	3925	2866	3112	2075	3623	2616	2826	2462	3079	2397	3703
AX	10478	9884	8845	9385	8788	10420	8501	10178	10292	10774	8962	11082	9879	9117	8726	9797	9449	10363
AY	7445	6597	5620	6086	5889	7177	5363	7356	7176	7631	5828	8007	6768	6149	5698	6810	6342	7448
AZ	7688	6866	5880	6355	6113	7441	5613	7577	7427	7886	6078	8255	7018	6382	5936	7047	6591	7678
BA	1792	3272	3778	3662	3262	2710	3855	1845	2214	1976	3423	1457	2543	2987	3449	2339	2912	1688
BB	8125	7376	6369	6869	6507	7939	6074	7957	7887	8355	6540	8705	7475	6797	6366	7469	7046	8084
BC	13763	12760	11866	12250	12246	13370	11667	13714	13461	13894	12124	14302	13061	12496	12035	13148	12644	13796
BD	3536	1942	2293	1811	3661	2403	2755	4315	3052	3137	2706	3652	2933	3426	3167	3488	2862	4010
BE	9113	7946	7147	7446	7778	8569	7035	9234	8758	9153	7468	9600	8378	7958	7474	8561	7984	9238
BF	2083	2329	3330	2841	3710	1754	3688	2967	2014	1529	3239	1528	2396	3315	3567	2723	2801	2549
BG	3471	1955	2555	1976	3869	2285	3049	4331	3000	2992	2916	3488	2960	3588	3399	3539	2973	3986
BH	11017	9901	9069	9397	9607	10521	8925	11076	10679	11087	9369	11523	10291	9816	9338	10440	9888	11109
BI	11386	10249	9432	9748	9992	10872	9297	11458	11042	11446	9738	11886	10657	10195	9716	10815	10256	11486
BJ	2997	2870	3937	3359	4532	2409	4357	3915	2850	2396	3938	2479	3192	4135	4323	3595	3561	3492
BK	13786	12847	11922	12335	12226	13449	11696	13688	13502	13947	12158	14339	13098	12493	12042	13155	12675	13791
BL	3138	2126	1178	1618	2051	2704	1105	3374	2786	3204	1501	3630	2402	2095	1614	2621	2010	3305
BM	3407	1989	1522	1528	2800	2615	1777	3896	2966	3272	1981	3766	2664	2714	2300	3064	2381	3720
BN	8324	7907	6839	7430	6604	8396	6443	7947	8183	8675	6891	8940	7774	6955	6601	7632	7350	8161
BO	3040	1728	1103	1230	2355	2351	1332	3478	2618	2962	1553	3440	2291	2277	1856	2655	1979	3322
BP	1823	2919	3674	3388	3535	2297	3880	2342	2073	1656	3417	1237	2477	3187	3582	2508	2901	2021
BQ	9952	9645	8572	9179	8220	10111	8154	9490	9849	10344	8591	10575	9446	8589	8268	9256	9029	9741
BR	2340	2803	3774	3315	4035	2208	4104	3136	2362	1866	3647	1733	2763	3647	3941	3018	3183	2740
BS	2536	3813	4487	4263	4142	3200	4634	2772	2877	2517	4182	2038	3256	3836	4275	3165	3662	2562
BT	2778	3850	3357	3813	1978	3778	2985	1837	3066	3414	2915	3276	2906	2191	2486	2335	2802	2259
BU	8885	8524	7453	8053	7157	9001	7045	8467	8763	9256	7487	9505	8357	7518	7180	8190	7935	8699
BV	11593	10482	9648	9978	10174	11102	9500	11643	11257	11667	9945	12101	10869	10386	9910	11013	10464	11680
BW	13577	12493	11644	11988	12121	13112	11481	13592	13251	13668	11930	14095	12859	12348	11877	12985	12450	13646
BX	2889	2828	1836	2490	1167	3156	1328	2580	2792	3287	1649	3509	2398	1522	1234	2195	2000	2740
BY	3534	1997	1810	1620	3162	2601	2155	4130	3067	3305	2274	3818	2820	3024	2654	3284	2602	3908
BZ	9963	9668	8594	9203	8230	10130	8174	9493	9863	10358	8609	10586	9461	8600	8283	9266	9045	9747
CA	9865	8655	7889	8162	8562	9281	7798	10012	9498	9882	8224	10339	9125	8732	8246	9326	8737	10005

DECIBEL - Map Highest noise value

Calculation: Mūra_Alad_1_3_106dB



Map: EMD OpenStreetMap, Print scale 1:125 000, Map center Estonian Lambert L-EST97-EST97 (EE) East: 605 368 North: 6 450 743
 New WTG Noise sensitive area
 Noise calculation model: ISO 9613-2 General. Wind speed: Highest noise value
 Height above sea level from active line object

DECIBEL - Main Result

Calculation: Mūra_Alad7_ 106 dB_ala8_108 dB

Noise calculation model:

ISO 9613-2 General

Wind speed (at 10 m height):

Highest noise value

Ground attenuation:

General, Ground factor: 0,4

Meteorological coefficient, C0:

Selected option: Fixed value: 0,0 dB

Type of demand in calculation:

1: WTG noise is compared to demand (DK, DE, SE, NL etc.)

Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

Pure tones:

Fixed penalty added to source noise of WTGs with pure tones

Model: 5,0 dB(A)

Height above ground level, when no value in NSA object:

4,0 m; Don't allow override of model height with height from NSA object

Uncertainty margin:

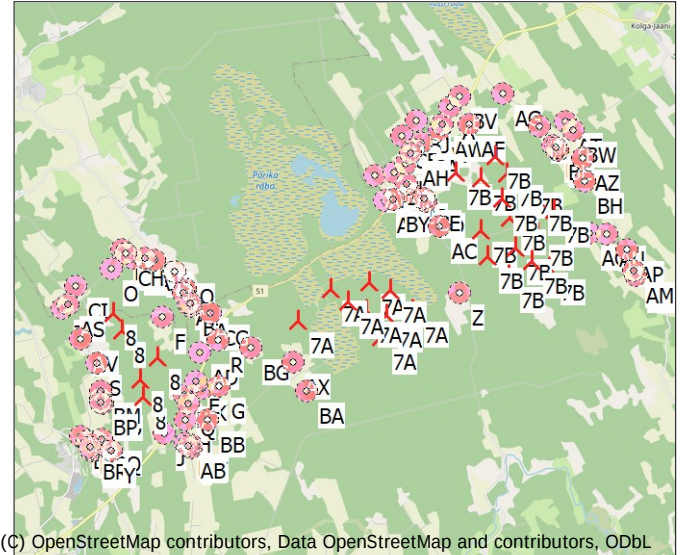
0,0 dB; Uncertainty margin in NSA has priority

Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0,0 dB(A)

All coordinates are in

Estonian Lambert L-EST97-EST97 (EE)



(C) OpenStreetMap contributors, Data OpenStreetMap and contributors, ODbL

Scale 1:200 000

New WTG

Noise sensitive area

WTGs

	East	North	Z	Row data/Description	WTG type		Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data			
					Valid	Manufact.				Creator	Name	Wind speed [m/s]	LwA,ref [dB(A)]
			[m]										
7A	606 030	6 482 042	46,5	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7A	606 658	6 482 570	45,2	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7A	607 266	6 482 056	44,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7A	605 544	6 482 239	47,3	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7A	606 088	6 482 763	46,2	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7A	605 072	6 482 576	48,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7A	606 440	6 481 322	46,3	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7A	606 572	6 481 914	45,5	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7A	604 213	6 481 692	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	609 933	6 483 780	44,5	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	609 775	6 484 588	46,4	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	609 345	6 486 201	50,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	610 391	6 483 465	43,8	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	609 022	6 484 230	45,5	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	610 862	6 483 287	43,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	609 794	6 483 072	42,8	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	609 195	6 483 549	43,9	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	610 930	6 484 816	47,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	610 471	6 485 100	47,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	610 212	6 485 551	48,7	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	609 537	6 485 083	47,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	609 659	6 485 765	49,2	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	608 314	6 485 745	49,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	608 993	6 485 594	48,7	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
7B	610 534	6 484 202	45,5	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	106dB	9,0 106,0 h
8	599 588	6 481 336	70,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	108dB	9,0 108,0 h
8	599 331	6 481 779	69,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	108dB	9,0 108,0 h
8	600 538	6 480 627	65,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	108dB	9,0 108,0 h
8	600 185	6 479 576	65,9	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	108dB	9,0 108,0 h
8	600 099	6 480 039	67,3	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	108dB	9,0 108,0 h

h) Generic octave distribution used

Calculation Results

DECIBEL - Main Result

Calculation: Mūra_Alad7_ 106 dB_ala8_108 dB

Sound level

Noise sensitive area				Demands		Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Immission height	Noise	From WTGs	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	
A	Kauri	608 108	6 487 475	50,0	4,0	40,0	34,1	927	Yes
B	Tõnissaare tee 8	601 370	6 482 086	62,4	4,0	40,0	35,0	828	Yes
C	Kungla-Metsa	601 235	6 482 466	61,6	4,0	40,0	34,1	1 018	Yes
D	Aaviku	599 805	6 483 230	68,2	4,0	40,0	34,1	754	Yes
E	Jaanipõllu	601 576	6 480 018	62,4	4,0	40,0	37,7	306	Yes
F	Pingu	600 631	6 481 725	70,0	4,0	40,0	39,5	75	Yes
G	Tiritamme	602 177	6 479 924	60,5	4,0	40,0	34,3	912	Yes
H	Saariku	601 325	6 479 010	61,5	4,0	40,0	36,4	446	Yes
I	Rehe	601 493	6 478 271	60,0	4,0	40,0	32,6	1 056	Yes
J	Iirise	600 765	6 478 609	60,4	4,0	40,0	36,8	353	Yes
K	Reinu	601 744	6 479 866	62,0	4,0	40,0	36,4	510	Yes
L	Ristivälja	606 972	6 485 930	49,4	4,0	40,0	35,1	692	Yes
M	Elbi-Kaljula	610 495	6 487 013	50,0	4,0	40,0	36,9	454	Yes
N	Kõrtsi	607 025	6 485 406	48,2	4,0	40,0	35,8	649	Yes
O	Tuudevere kordon	599 237	6 482 959	70,0	4,0	40,0	36,0	434	Yes
P	Tõnissaare tee 7	601 313	6 482 067	63,0	4,0	40,0	35,2	778	Yes
Q	Võidumaa	601 366	6 479 442	63,5	4,0	40,0	37,7	285	Yes
R	Kivimurru	602 133	6 481 138	60,0	4,0	40,0	34,6	881	Yes
S	Raia	598 925	6 480 457	70,0	4,0	40,0	39,4	90	Yes
T	Venessilla	597 971	6 481 861	70,0	4,0	40,0	35,1	583	Yes
U	Kurika-Tõnise	599 292	6 478 185	60,4	4,0	40,0	33,3	869	Yes
V	Tõnissaare tee 6	601 395	6 482 058	62,2	4,0	40,0	35,0	822	Yes
W	Mängu	607 851	6 486 840	50,0	4,0	40,0	36,4	478	Yes
X	Toominga	601 265	6 479 662	63,8	4,0	40,0	39,1	114	Yes
Y	Saare	599 377	6 478 141	60,1	4,0	40,0	33,3	866	Yes
Z	Reinu	608 484	6 482 567	42,5	4,0	40,0	38,9	288	Yes
AA	Tõnissaare tee 5	601 377	6 482 021	62,5	4,0	40,0	35,2	782	Yes
AB	Moori karjamõis	601 395	6 478 308	60,0	4,0	40,0	33,0	964	Yes
AC	Johanalle	607 915	6 484 297	45,6	4,0	40,0	39,2	170	Yes
AD	Kõre	601 630	6 480 784	61,3	4,0	40,0	37,5	305	Yes
AE	Turbakeskuse/1	606 447	6 484 956	47,8	4,0	40,0	34,5	1 327	Yes
AF	Vadi	608 624	6 487 027	50,0	4,0	40,0	37,8	288	Yes
AG	Tõnni	609 509	6 487 847	50,0	4,0	40,0	34,0	907	Yes
AH	Aia-Lutsu	607 105	6 486 208	50,0	4,0	40,0	35,2	635	Yes
AI	Elbi	610 951	6 486 460	50,0	4,0	40,0	38,2	255	Yes
AJ	Kaalimäe	600 128	6 483 255	66,0	4,0	40,0	33,5	887	Yes
AK	Vana-Roosimäe	606 186	6 485 604	48,9	4,0	40,0	32,9	1 462	Yes
AL	Kopli	601 182	6 482 346	62,8	4,0	40,0	34,7	901	Yes
AM	Suure-Pari	613 089	6 483 274	40,5	4,0	40,0	31,8	1 472	Yes
AN	Esku	613 155	6 483 163	40,0	4,0	40,0	31,4	1 549	Yes
AO	Sepa/2	600 932	6 482 930	60,4	4,0	40,0	33,3	1 092	Yes
AP	Uue-Sibari	612 904	6 483 832	42,5	4,0	40,0	33,0	1 275	Yes
AQ	Härma	611 893	6 484 228	45,5	4,0	40,0	38,5	226	Yes
AR	Ässa	600 399	6 483 213	65,1	4,0	40,0	33,2	978	Yes
AS	Alt-Venesilla	598 129	6 481 963	70,0	4,0	40,0	36,0	445	Yes
AT	Kuumasaare	611 185	6 487 161	50,0	4,0	40,0	34,3	954	Yes
AU	Suigu-Saare	612 376	6 484 221	44,6	4,0	40,0	35,7	704	Yes
AV	Nahka	598 461	6 481 086	70,0	4,0	40,0	38,3	196	Yes
AW	Teeääre	607 921	6 487 013	50,0	4,0	40,0	35,8	595	Yes
AX	Uue-Jamso	604 127	6 480 606	50,0	4,0	40,0	35,8	494	Yes
AY	Uue-Moori	601 478	6 478 340	60,0	4,0	40,0	32,9	996	Yes
AZ	Veskioja	611 661	6 486 213	50,0	4,0	40,0	36,2	586	Yes
BA	Lokota	604 514	6 479 847	50,0	4,0	40,0	32,8	1 260	Yes
BB	Nurga	601 910	6 479 024	60,7	4,0	40,0	33,7	951	Yes
BC	Kase	599 513	6 483 461	70,0	4,0	40,0	32,9	933	Yes
BD	Nurmisaare	601 326	6 478 398	60,0	4,0	40,0	33,6	850	Yes
BE	Elbi-Tooma	610 936	6 486 476	50,0	4,0	40,0	38,2	258	Yes
BF	Sepa	600 907	6 482 897	60,7	4,0	40,0	33,5	1 051	Yes
BG	Juurika	602 993	6 480 960	50,0	4,0	40,0	34,1	845	Yes
BH	Kivila	611 724	6 485 601	48,9	4,0	40,0	38,0	270	Yes
BI	Elbiniidu	610 856	6 486 532	50,0	4,0	40,0	38,2	252	Yes
BJ	Sammuli	607 218	6 487 081	50,0	4,0	40,0	33,1	1 050	Yes
BK	Naanu	598 730	6 478 375	60,0	4,0	40,0	32,4	1 074	Yes
BL	Soosaare	598 523	6 478 498	60,0	4,0	40,0	32,1	1 152	Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Mūra_Alad7_ 106 dB_ala8_108 dB

...continued from previous page

Noise sensitive area				Demands		Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Immission height	Noise	From WTGs	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	
BM	Kõnnuka	599 063	6 479 707	70,0	4,0	40,0	39,0	128	Yes
BN	Kampuse	599 055	6 479 520	68,6	4,0	40,0	38,4	190	Yes
BO	Suur-Kõnnu	599 104	6 479 374	69,2	4,0	40,0	38,3	199	Yes
BP	Väike-Kõnnu	599 065	6 479 385	69,7	4,0	40,0	38,1	230	Yes
BQ	Tähisma	599 111	6 478 438	62,1	4,0	40,0	34,0	766	Yes
BR	Naano	598 801	6 478 227	60,0	4,0	40,0	32,0	1 129	Yes
BS	Allika	598 834	6 478 163	60,0	4,0	40,0	31,9	1 155	Yes
BT	Tiidu	598 975	6 478 375	60,0	4,0	40,0	33,2	903	Yes
BU	Küti	598 839	6 478 135	60,0	4,0	40,0	31,8	1 173	Yes
BV	Mäe	608 349	6 487 747	50,0	4,0	40,0	33,4	1 055	Yes
BW	Püksi	611 397	6 486 946	50,0	4,0	40,0	34,5	914	Yes
BX	Lombi	606 662	6 485 687	48,8	4,0	40,0	34,2	964	Yes
BY	Turbakeskuse	606 665	6 484 974	47,6	4,0	40,0	35,0	1 116	Yes
BZ	Vahesaare	607 177	6 486 322	50,0	4,0	40,0	35,3	615	Yes
CA	Väike-Kuuri	607 385	6 486 487	50,0	4,0	40,0	35,8	523	Yes
CB	Tamme	606 845	6 486 665	50,0	4,0	40,0	33,0	1 071	Yes
CC	Orja	607 086	6 485 184	47,7	4,0	40,0	36,2	649	Yes
CD	Parika	607 533	6 484 947	47,1	4,0	40,0	38,0	347	Yes
CE	Parika talu	607 472	6 485 032	47,3	4,0	40,0	37,8	358	Yes
CF	Elbi-Välba	611 001	6 486 401	50,0	4,0	40,0	38,3	242	Yes
CG	Vana-Tõnissaare	601 894	6 481 856	60,0	4,0	40,0	34,1	1 024	Yes
CH	Lepiku	599 617	6 483 366	69,6	4,0	40,0	33,4	850	Yes
CI	Väike-Venesilla	598 308	6 482 451	70,0	4,0	40,0	35,6	475	Yes

Distances (m)

WTG																						
NSA	8	8	8	8	8	7A	7A	7A	7A	7A	7A	7A	7A	7B	7B	7B	7B	7B	7B	7B	7B	
A	10205	11185	10926	10460	10498	5828	5815	5113	5768	5125	5762	5482	6373	6970	4073	4713	4613	2078	5011	3370	4120	2850
B	1679	2775	2409	2061	1933	4176	4659	5309	5203	4765	3733	5894	5126	2869	7958	8479	9123	8389	9565	7944	8727	9494
C	1966	3074	2679	2024	1997	4314	4812	5422	5364	4861	3838	6043	5328	3076	8031	8578	9208	8363	9659	7982	8794	9490
D	2704	3673	3204	1526	1906	5822	6336	6883	6892	6299	5306	7551	6902	4667	9393	9987	10586	9485	11054	9269	10140	10660
E	1203	1459	1477	2852	2385	4546	4891	5685	5342	5280	4331	6042	5034	3123	8395	8765	9462	9277	9842	8552	9162	10254
F	1102	2194	1767	1301	1113	4938	5407	6084	5942	5553	4521	6641	5821	3581	8754	9259	9911	9211	10347	8755	9524	10314
G	1783	2022	2081	3396	2948	4085	4396	5202	4823	4831	3925	5516	4485	2696	7897	8240	8942	8864	9311	8084	8659	9807
H	1798	1272	1600	3411	2902	5311	5596	6410	5995	6062	5171	6674	5612	3940	9083	9390	10099	10104	10449	9298	9839	11032
I	2542	1847	2251	4120	3608	5669	5898	6718	6249	6424	5597	6901	5811	4369	9334	9587	10300	10479	10624	9599	10076	11355
J	2030	1127	1577	3478	2969	6000	6284	7099	6680	6750	5854	7356	6288	4624	9768	10069	10778	10790	11125	9986	10523	11720
K	1426	1585	1654	3078	2609	4479	4805	5607	5243	5220	4291	5939	4915	3070	8309	8662	9363	9236	9736	8484	9074	10196
L	8335	9295	9050	8693	8694	3957	3999	3374	4035	3287	3854	3884	4637	5056	3257	4015	4214	2048	4702	2662	3658	3261
M	11826	12709	12515	12327	12293	6876	6680	5869	6432	6121	7005	5914	6986	8230	3699	4002	3549	2066	3743	3148	3281	1489
N	8055	8985	8760	8504	8476	3495	3507	2859	3520	2803	3438	3358	4125	4657	2855	3620	3884	1976	4382	2317	3331	3189
O	2670	3512	3044	1183	1660	6346	6853	7429	7407	6852	5846	8077	7385	5133	9973	10555	11162	10103	11626	9864	10724	11274
P	1635	2734	2363	2002	1873	4233	4716	5367	5260	4824	3792	5951	5179	2923	8018	8538	9182	8449	9624	8004	8786	9554
Q	1445	1188	1400	3098	2597	5026	5338	6146	5761	5771	4852	6451	5410	3628	8838	9174	9878	9796	10242	9027	9600	10747
R	1674	2496	2311	2874	2552	3583	3999	4745	4505	4275	3271	5213	4310	2152	7460	7899	8577	8178	8987	7549	8233	9203
S	1621	1537	1246	1383	1101	6853	7278	8014	7782	7523	6500	8491	7563	5429	10722	11176	11851	11300	12264	10776	11495	12380
T	2847	3181	2801	1362	1700	7580	8059	8714	8599	8165	7135	9294	8484	6243	11347	11882	12520	11634	12966	11299	12112	12782
U	2741	1653	2021	3593	3164	7449	7762	8570	8177	8192	7257	8861	7804	6041	11259	11580	12287	12203	12641	11452	12019	13168
V	1668	2760	2399	2082	1945	4152	4634	5286	5178	4744	3712	5869	5097	2841	7939	8458	9103	8378	9544	7928	8707	9481
W	9593	10558	10310	9907	9926	5146	5131	4432	5088	4441	5088	4818	5694	6302	3554	4238	4223	1690	4656	2860	3700	2689
X	1208	1083	1225	2867	2369	4994	5325	6125	5763	5732	4793	6459	5433	3578	8829	9183	9884	9739	10256	9000	9594	10708
Y	2743	1646	2030	3637	3201	7402	7710	8520	8122	8146	7216	8805	7744	5998	11206	11522	12230	12163	12582	11403	11964	13123
Z	8177	8819	8755	9184	8978	2957	2509	1825	2020	2403	3411	1320	2393	4358	1212	1404	2107	3069	2484	1747	1889	3447
AA	1627	2719	2358	2060	1915	4172	4652	5308	5195	4768	3735	5887	5110	2854	7964	8480	9126	8410	9566	7956	8733	9511
AB	2472	1752	2162	4037	3525	5714	5950	6770	6307	6469	5632	6963	5875	4402	9395	9653	10366	10524	10693	9653	10138	11407
AC	8237	9055	8898	8943	8835	3139	2938	2135	2735	2385	3322	2332	3320	4525	1482	2242	2611	1686	3114	1109	2083	2616
AD	1103	1883	1702	2504	2115	4175	4575	5334	5068	4876	3879	5776	4839	2737	8052	8476	9159	8792	9563	8153	8825	9814
AE	7323	8253	8027	7791	7754	2862	2943	2395	3044	2222	2748	3013	3633	3954	3086	3840	4215	2624	4719	2675	3678	3811
AF	10309	11255	11020	10670	10676	5691	5618	4870	5508	4960	5693	5152	6107	6920	3524	4123	3975	1479	4357	2824	3500	2167
AG	11512	12460	12224	11846	11863	6866	6766	5996	6618	6126	6888	6208	7209	8118	4308	4782	4469	2311	4755	3649	4088	2401
AH	8616	9582	9332	8945	8955	4264	4301	3664	4326	3591	4161	4154	4930	5361	3381	4130	4279	1985	4758	2754	3726	3175
AI	11932	12775	12606	12524	12461	6858	6611	5792	6310	6107	7044	5741	6835	8252	3399	3579	3046	2140	3173	2948	2866	1171
AJ	2659	3678	3215	1677	1993	5509	6024	6564	6580	5979	4989	7236	6600	4373	9069	9665	10262	9166	10731	8945	9816	10339
AK	7526	8503	8245	7848	7856	3425	3564	3070	3709	2842	3226	3708	4288	4380	3643	4407	4716	2806	5217	3150	4166	4025
AL	1835	2943	2548	1935	1887	4362	4856	5479	5406	4922	3896	6089	5355	3100	8101	8640	9274	8457	9723	8061	8865	9579
AM	12823	13420	13383	13835	13636	7613	7164	6468	6655	7018	8045	5947	6928	9013	3903	3300	2704	4706	2226	4177	3195	3668

To be continued on next page...

DECIBEL - Main Result

Calculation: Mūra_Alad7_ 106 dB_ala8_108 dB

...continued from previous page

WTG																							
NSA	8	8	8	8	8	7A	7A	7A	7A	7A	7A	7A	7A	7A	7B	7B	7B	7B	7B	7B	7B	7B	
AN	12866	13453	13421	13889	13686	7665	7211	6522	6699	7076	8102	5990	6961	9060	3978	3361	2780	4819	2296	4267	3280	3789	
AO	2336	3435	3008	1971	2084	4662	5173	5736	5729	5157	4154	6392	5736	3506	8284	8861	9471	8487	9934	8192	9039	9640	
AP	12771	13408	13351	13724	13544	7528	7101	6370	6614	6897	7930	5909	6932	8948	3719	3201	2539	4288	2113	3901	2971	3193	
AQ	11909	12595	12512	12795	12637	6651	6255	5490	5801	5985	7016	5110	6177	8086	2781	2396	1684	3205	1395	2870	2010	2139	
AR	2589	3642	3187	1788	2044	5235	5750	6290	6306	5705	4715	6962	6328	4105	8800	9393	9992	8915	10460	8680	9548	10085	
AS	2754	3150	2753	1216	1588	7418	7899	8548	8441	7997	6968	9135	8333	6088	11176	11714	12350	11452	12798	11123	11940	12601	
AT	12489	13358	13173	13015	12974	7484	7263	6446	6984	6730	7639	6434	7522	8859	4123	4318	3779	2694	3886	3642	3604	1881	
AU	12368	13042	12966	13268	13106	7112	6708	5950	6244	6453	7485	5548	6604	8543	3250	2825	2123	3650	1778	3353	2482	2539	
AV	2127	2291	1944	1112	1154	7174	7627	8328	8151	7807	6775	8856	7980	5782	11010	11503	12162	11453	12591	11016	11781	12567	
AW	9759	10728	10477	10056	10080	5332	5317	4618	5273	4627	5271	4999	5879	6484	3690	4362	4322	1778	4745	2992	3807	2717	
AX	3588	4073	4067	4936	4596	2161	2383	3203	2772	2914	2184	3457	2421	1089	5859	6179	6884	6966	7247	6089	6615	7839	
AY	2472	1788	2188	4053	3541	5632	5866	6686	6221	6387	5554	6876	5787	4325	9308	9565	10279	10442	10605	9568	10051	11323	
AZ	12443	13253	13104	13099	13017	7292	7006	6187	6660	6553	7524	6048	7152	8710	3629	3653	3026	2738	3032	3300	2983	1593	
BA	4051	4336	4418	5530	5145	2604	2667	3465	2916	3313	2785	3528	2425	1869	5966	6185	6899	7284	7218	6286	6994	8060	
BB	2109	1811	2075	3773	3276	4851	5106	5924	5484	5605	4754	6153	5078	3524	8574	8860	9571	9658	9912	8811	9324	10558	
BC	3013	3942	3471	1691	2126	6152	6668	7198	7225	6610	5627	7877	7248	5021	9680	10286	10875	9714	11347	9537	10422	10898	
BD	2364	1640	2048	3925	3413	5703	5949	6768	6314	6458	5610	6974	5889	4379	9402	9670	10382	10512	10713	9653	10148	11404	
BE	11927	12771	12601	12516	12454	6856	6611	5791	6311	6105	7040	5743	6837	8249	3405	3589	3059	2133	3189	2950	2876	1174	
BF	2299	3398	2969	1932	2043	4682	5192	5759	5748	5181	4176	6413	5751	3518	8311	8886	9498	8522	9960	8221	9067	9673	
BG	2477	3130	3036	3751	3425	2853	3223	4002	3703	3581	2632	4410	3465	1422	6719	7119	7808	7579	8204	6857	7489	8553	
BH	12239	13014	12883	12965	12860	7033	6713	5902	6334	6308	7305	5694	6797	8465	3256	3180	2517	2730	2469	3029	2553	1512	
BI	11885	12734	12561	12463	12405	6828	6590	5771	6297	6076	7005	5736	6828	8217	3413	3618	3101	2085	3244	2942	2902	1173	
BJ	9286	10282	10011	9501	9548	5122	5176	4544	5206	4462	4989	5024	5810	6168	4047	4764	4809	2315	5259	3373	4273	3361	
BK	2887	1886	2154	3456	3082	7831	8167	8967	8601	8565	7605	9293	8252	6407	11671	12016	12720	12544	13085	11838	12435	13536	
BL	2931	1980	2204	3378	3030	7953	8299	9095	8741	8682	7713	9437	8403	6523	11804	12160	12862	12645	13232	11958	12570	13648	
BM	1738	1129	1088	2089	1711	6956	7346	8114	7824	7659	6657	8530	7550	5518	10833	11243	11932	11541	12327	10935	11605	12584	
BN	1850	1131	1166	2275	1892	7034	7415	8190	7887	7743	6747	8591	7600	5595	10908	11308	11999	11644	12390	11021	11679	12679	
BO	1904	1099	1196	2415	2020	7047	7420	8200	7886	7761	6771	8589	7588	5609	10918	11308	12002	11679	12389	11040	11688	12706	
BP	1926	1136	1223	2408	2019	7078	7453	8232	7919	7791	6800	8623	7623	5640	10949	11342	12035	11706	12422	11070	11720	12735	
BQ	2612	1564	1881	3347	2936	7470	7799	8602	8229	8207	7254	8919	7874	6050	11302	11642	12346	12198	12709	11476	12065	13181	
BR	2962	1932	2228	3590	3206	7844	8172	8975	8599	8581	7629	9288	8240	6424	11674	12010	12715	12572	13076	11850	12437	13555	
BS	2995	1954	2262	3649	3260	7849	8173	8977	8597	8587	7639	9285	8234	6432	11674	12006	12712	12583	13070	11854	12436	13562	
BT	2741	1704	2008	3422	3023	7619	7949	8751	8379	8355	7402	9069	8023	6198	11452	11791	12496	12345	12858	11625	12215	13329	
BU	3015	1971	2283	3676	3287	7859	8182	8987	8605	8598	7651	9292	8240	6443	11683	12013	12719	12596	13077	11864	12444	13573	
BV	10566	11547	11287	10811	10853	6179	6157	5445	6096	5471	6120	5791	6701	7331	4281	4892	4743	2247	5118	3580	4270	2879	
BW	12560	13414	13238	13122	13070	7509	7268	6449	6970	6757	7686	6400	7495	8898	4047	4191	3622	2757	3697	3607	3487	1830	
BX	7957	8917	8671	8323	8320	3630	3702	3116	3774	2983	3502	3677	4370	4695	3298	4064	4322	2312	4819	2756	3768	3532	
BY	7510	8431	8212	7998	7955	2955	2999	2403	3061	2284	2878	2978	3658	4096	2903	3661	4019	2408	4522	2471	3478	3593	
BZ	8745	9713	9462	9064	9078	4396	4430	3787	4448	3721	4296	4266	5053	5496	3429	4171	4299	1956	4773	2789	3748	3131	
CA	9010	9977	9727	9327	9342	4628	4646	3983	4643	3942	4543	4431	5249	5748	3450	4178	4261	1839	4724	2787	3716	2977	
CB	8729	9724	9453	8960	9001	4612	4693	4098	4758	3974	4456	4627	5357	5625	3902	4647	4775	2400	5247	3265	4225	3546	
CC	7975	8890	8675	8467	8425	3323	3314	2648	3309	2618	3294	3132	3915	4521	2668	3433	3724	1950	4225	2158	3173	3147	
CD	8219	9099	8906	8790	8725	3359	3270	2532	3181	2618	3416	2902	3785	4648	2171	2936	3218	1596	3719	1652	2668	2745	
CE	8213	9101	8902	8764	8705	3393	3319	2592	3244	2657	3433	2982	3850	4665	2273	3038	3312	1621	3812	1745	2760	2788	
CF	11947	12786	12619	12548	12483	6861	6610	5790	6303	6112	7054	5728	6824	8259	3375	3540	2998	2163	3116	2937	2829	1159	
CG	1830	2849	2553	2563	2363	3669	4139	4816	4677	4290	3258	5374	4576	2324	7493	7991	8646	8021	9079	7511	8264	9099	
CH	2889	3831	3361	1612	2030	6032	6546	7084	7103	6497	5510	7758	7121	4890	9577	10178	10771	9634	11242	9442	10321	10815	
CI	2880	3433	3003	1224	1697	7237	7731	8349	8279	7784	6763	8964	8208	5952	10939	11500	12122	11135	12578	10858	11697	12298	

WTG							
NSA	7B	7B	7B	7B	7B	7B	7B
A	3876	4073	3349	2308	3333	2786	1775
B	9939	9402	9584	9066	8767	8697	8972
C	9973	9457	9602	9044	8797	8702	8926
D	11234	10770	10826	10172	10059	9904	9989
E	10510	9884	10242	9915	9384	9433	9926
F	10750	10205	10400	9888	9579	9515	9794
G	10024	9386	9774	9489	8913	8986	9525
H	11220	10569	10985	10725	10122	10211	10769
I	11481	10810	11277	11080	10413	10538	11157
J	11907	11254	11673	11412	10810	10899	11453
K	10432	9799	10173	9869	9314	9375	9892
L	4111	3958	3595	2691	3107	2700	2388
M	2239	2810	1913	1502	2529	2154	1407
N	3948	3709	3459	2658	2868	2532	2452
O	11836	11362	11433	10790	10660	10514	10612
P	9999	9462	9644	9126	8827	8757	9031
Q	10967	10327	10717	10426	9856	9926	10454
R	9532	8940	9229	8832	8382	8387	8809

DECIBEL - Main Result

Calculation: Mūra_Alad7_ 106 dB_ala8_108 dB

...continued from previous page

WTG								
NSA	7B	7B	7B	7B	7B	7B	7B	7B
S	12768	12195	12441	11971	11607	11573	11895	10773
T	13288	12776	12909	12319	12112	12003	12171	11045
U	13391	12747	13141	12839	12280	12347	12854	11767
V	9923	9384	9570	9055	8751	8683	8962	7838
W	3684	3762	3144	2103	2961	2434	1624	1189
X	10950	10318	10689	10375	9830	9887	10392	9308
Y	13339	12693	13092	12797	12231	12302	12815	11731
Z	3322	2621	3218	3406	2397	2727	3734	3182
AA	9951	9411	9598	9086	8779	8713	8995	7871
AB	11541	10872	11333	11128	10469	10589	11200	10155
AC	3058	2620	2678	2279	1882	1802	2381	1502
AD	10134	9535	9835	9446	8987	8998	9424	8322
AE	4484	4155	4025	3311	3347	3092	3153	2026
AF	3194	3409	2668	1632	2696	2147	1096	1319
AG	3347	3785	2910	2087	3269	2763	1654	2417
AH	4069	3972	3543	2591	3122	2679	2239	1294
AI	1644	2296	1442	1467	2210	1973	1626	2731
AJ	10911	10446	10503	9853	9736	9582	9674	8554
AK	4808	4567	4313	3476	3729	3390	3214	2132
AL	10053	9532	9686	9138	8878	8789	9025	7898
AM	2652	2718	3191	4238	3564	3985	4751	5375
AN	2771	2819	3309	4357	3667	4095	4872	5485
AO	10171	9683	9780	9173	8995	8868	9024	7898
AP	2205	2398	2743	3776	3218	3591	4274	4971
AQ	1128	1359	1668	2711	2148	2506	3222	3886
AR	10649	10180	10244	9603	9474	9325	9429	8308
AS	13111	12602	12731	12137	11935	11824	11987	10862
AT	2358	3029	2181	2068	2933	2651	2075	3200
AU	1563	1842	2097	3124	2626	2966	3619	4337
AV	13011	12465	12660	12133	11840	11772	12023	10896
AW	3725	3837	3187	2139	3052	2516	1639	1327
AX	7998	7345	7772	7562	6909	7020	7648	6627
AY	11454	10785	11247	11045	10384	10505	11118	10075
AZ	1576	2305	1629	2051	2489	2405	2315	3379
BA	8113	7428	7940	7840	7080	7254	7980	7014
BB	10716	10056	10495	10268	9631	9738	10331	9281
BC	11494	11043	11077	10401	10321	10152	10204	9090
BD	11548	10882	11335	11119	10471	10585	11186	10137
BE	1660	2309	1452	1461	2216	1974	1614	2721
BF	10202	9712	9812	9207	9025	8900	9059	7933
BG	8822	8206	8545	8215	7689	7732	8233	7154
BH	1116	1836	1349	2071	2196	2247	2453	3412
BI	1717	2351	1482	1421	2224	1959	1546	2660
BJ	4347	4390	3808	2772	3570	3060	2301	1728
BK	13792	13160	13527	13189	12669	12716	13184	12087
BL	13919	13293	13647	13294	12791	12829	13280	12178
BM	12916	12317	12615	12202	11768	11770	12158	11044
BN	12999	12394	12703	12303	11854	11863	12265	11154
BO	13014	12404	12724	12336	11873	11890	12305	11196
BP	13045	12436	12754	12363	11904	11919	12331	11222
BQ	13426	12791	13166	12840	12307	12360	12842	11748
BR	13799	13163	13540	13214	12681	12735	13216	12122
BS	13801	13163	13544	13224	12685	12742	13229	12136
BT	13576	12941	13315	12987	12456	12509	12988	11894
BU	13810	13171	13554	13236	12694	12753	13242	12149
BV	3904	4163	3392	2375	3465	2916	1839	2002
BW	2180	2876	2065	2101	2861	2632	2182	3308
BX	4335	4127	3833	2977	3282	2917	2711	1633
BY	4267	3944	3807	3096	3133	2873	2947	1820
BZ	4043	3969	3512	2543	3123	2665	2171	1275
CA	3918	3890	3382	2385	3052	2569	1980	1189
CB	4483	4434	3948	2954	3590	3122	2542	1733
CC	3860	3584	3385	2637	2753	2452	2477	1350
CD	3399	3091	2941	2277	2270	2008	2203	1116
CE	3464	3172	2999	2306	2345	2065	2207	1103

To be continued on next page...

Project:
Viljandi_EP

Licensed user:
Lemma OÜ
Värvi 5 - A308
EE-10621 Tallinn
+3725059914
Piret Toonpere / piret@lemma.ee
Calculated:
21.09.2024 07:59/4.0.552

DECIBEL - Main Result

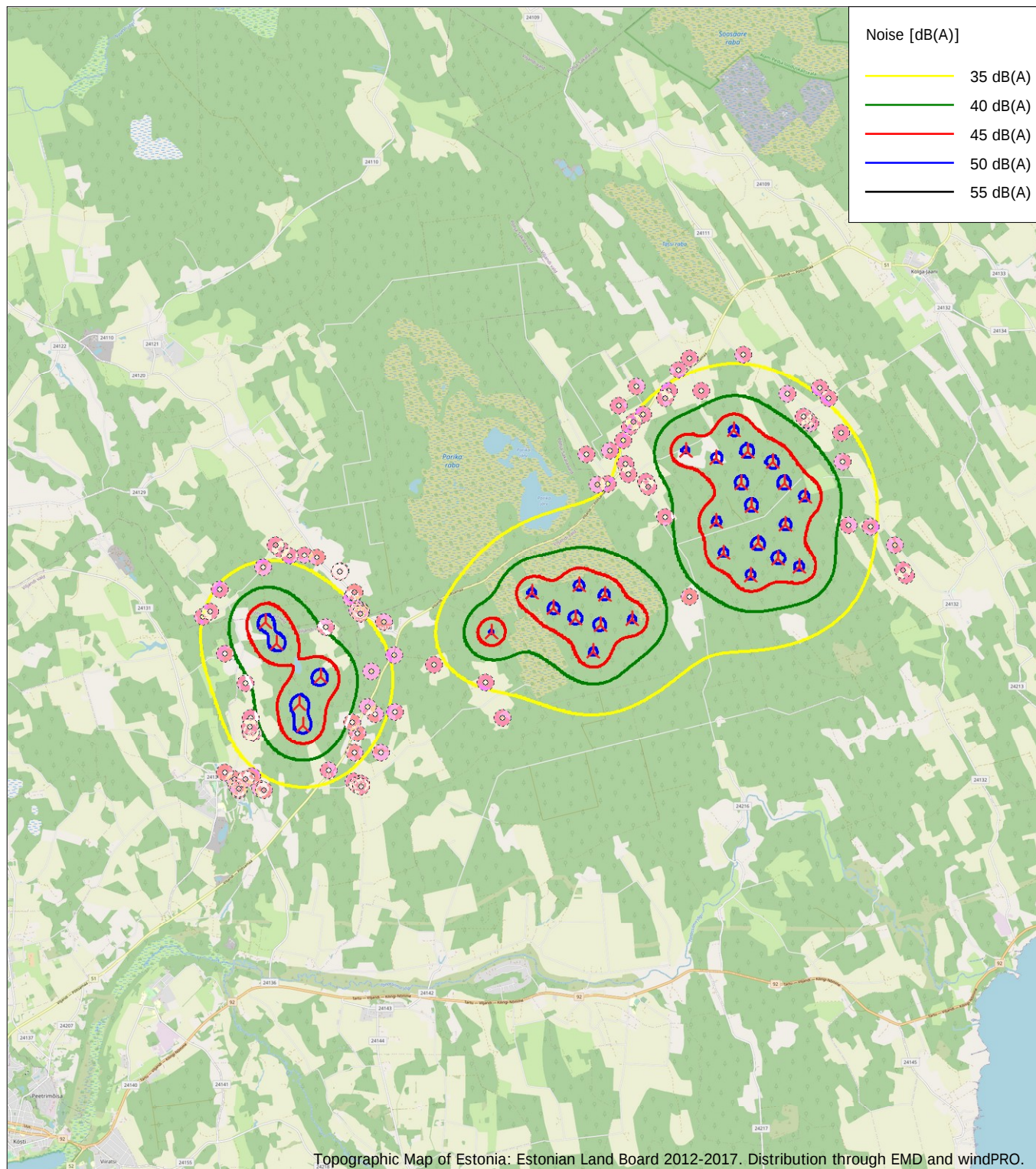
Calculation: Mura_Alad7_ 106 dB_ala8_108 dB

...continued from previous page

WTG								
NSA	7B	7B	7B	7B	7B	7B	7B	7B
CF	1586	2247	1404	1485	2188	1969	1668	2765
CG	9506	8950	9167	8691	8339	8294	8623	7504
CH	11402	10946	10989	10322	10228	10065	10130	9014
CI	12838	12347	12445	11822	11661	11530	11653	10531

DECIBEL - Map Highest noise value

Calculation: Mūra_Alad7_ 106 dB_ala8_108 dB



0 2,5 5 7,5 10km
Map: EMD OpenStreetMap, Print scale 1:125 000, Map center Estonian Lambert L-EST97-EST97 (EE) East: 605 131 North: 6 482 888
New WTG Noise sensitive area
Noise calculation model: ISO 9613-2 General. Wind speed: Highest noise value
Height above sea level from active line object

DECIBEL - Main Result

Calculation: Mūra_Alad11_107 dB_ala12_108dB

Noise calculation model:

ISO 9613-2 General

Wind speed (at 10 m height):

Highest noise value

Ground attenuation:

General, Ground factor: 0,4

Meteorological coefficient, C0:

Selected option: Fixed value: 0,0 dB

Type of demand in calculation:

1: WTG noise is compared to demand (DK, DE, SE, NL etc.)

Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

Pure tones:

Fixed penalty added to source noise of WTGs with pure tones

Model: 5,0 dB(A)

Height above ground level, when no value in NSA object:

4,0 m; Don't allow override of model height with height from NSA object

Uncertainty margin:

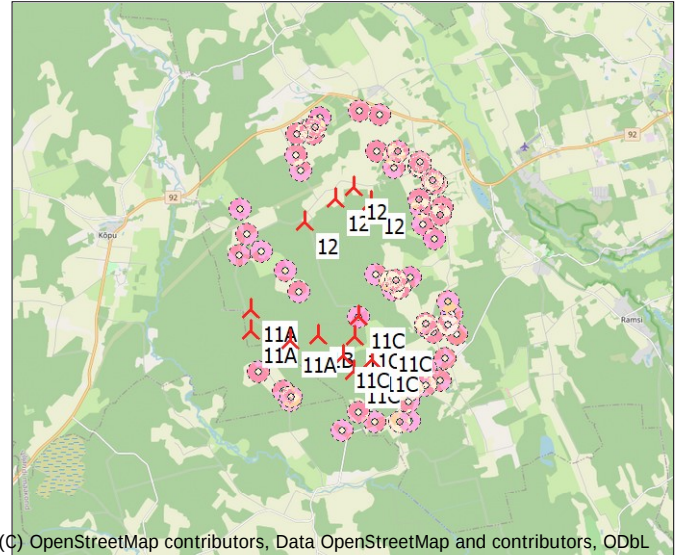
0,0 dB; Uncertainty margin in NSA has priority

Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0,0 dB(A)

All coordinates are in

Estonian Lambert L-EST97-EST97 (EE)



Scale 1:200 000
New WTG Noise sensitive area

WTGs

	East	North	Z	Row data/Description	WTG type		Type-generator	Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data			
					Valid	Manufact.					Creator	Name	Wind speed [m/s]	LWA,ref [dB(A)]
			[m]											
11A	580 268	6 463 409	68,8	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h
11A	580 255	6 463 959	60,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h
11A	581 288	6 463 185	63,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h
11C	582 723	6 462 787	73,8	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h
11C	583 012	6 463 317	79,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h
11C	583 482	6 462 720	82,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h
11C	583 841	6 463 249	90,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h
11C	582 995	6 462 395	76,1	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h
11C	583 115	6 463 840	81,5	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h
12	581 615	6 466 329	72,6	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	108dB	9,0	108,0 h
12	583 373	6 466 877	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	108dB	9,0	108,0 h
12	582 417	6 466 936	79,9	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	108dB	9,0	108,0 h
12	582 894	6 467 253	80,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	108dB	9,0	108,0 h
1B	582 042	6 463 320	70,0	Teoreetiline V180 72...	Yes	Teoreetiline	V180-7 200	7 200	180,0	200,0	USER	107dB	9,0	107,0 h

h) Generic octave distribution used

Calculation Results

Sound level

Noise sensitive area				Demands		Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Immission height	Noise	From WTGs	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	
A	Vanausse/1	584 899	6 463 619	85,3	4,0	40,0	37,2	341	Yes
B	Napi	584 769	6 462 664	84,3	4,0	40,0	38,0	245	Yes
C	Välbi	585 717	6 463 414	80,0	4,0	40,0	32,8	1 104	Yes
D	Pulli-Peetri	584 012	6 464 555	90,0	4,0	40,0	38,4	232	Yes
E	Univere	582 742	6 460 792	63,5	4,0	40,0	34,6	784	Yes
F	Metsniku	585 327	6 462 189	80,0	4,0	40,0	33,7	944	Yes
G	Suurematsi	584 226	6 461 905	81,0	4,0	40,0	38,4	196	Yes
H	Lannu	584 916	6 462 534	83,0	4,0	40,0	36,7	429	Yes
I	Jõõgre	583 597	6 461 058	70,0	4,0	40,0	35,7	597	Yes
J	Tammiste	584 496	6 461 597	80,0	4,0	40,0	35,7	605	Yes
K	Parastma	584 082	6 464 797	90,0	4,0	40,0	37,2	466	Yes
L	Kopli	584 954	6 462 061	80,0	4,0	40,0	35,2	677	Yes
M	Singisoo	585 442	6 462 785	80,1	4,0	40,0	34,1	860	Yes
N	Väljaotsa	584 427	6 462 160	82,8	4,0	40,0	38,5	183	Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Mūra_Alad11_107 dB_ala12_108dB

...continued from previous page

Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Immission height	Noise	From WTGs	Distance to noise demand	Noise	
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
O	Univere-Männiku	581 370	6 461 667	64,8	4,0	40,0	36,7	582	Yes	
P	Satre	579 892	6 466 632	51,0	4,0	40,0	33,2	1 016	Yes	
Q	Leinpõllu	583 536	6 464 947	87,6	4,0	40,0	38,2	327	Yes	
R	Rehila	585 275	6 466 775	76,5	4,0	40,0	32,4	1 133	Yes	
S	Uue-Peebu	584 697	6 466 754	80,0	4,0	40,0	35,5	559	Yes	
T	Torimo-Ritsu	585 076	6 467 402	75,6	4,0	40,0	32,8	998	Yes	
U	Jaanisalu	580 505	6 465 512	60,0	4,0	40,0	36,6	630	Yes	
V	Marna	585 228	6 466 588	78,7	4,0	40,0	32,6	1 107	Yes	
W	Niidu	581 977	6 469 070	68,4	4,0	40,0	32,3	1 154	Yes	
X	Memme	584 522	6 461 108	72,5	4,0	40,0	33,5	994	Yes	
Y	Lepalohu	585 086	6 465 931	80,2	4,0	40,0	33,1	1 181	Yes	
Z	Paisuoja	580 108	6 465 955	60,0	4,0	40,0	34,8	818	Yes	
AA	Univere-Saare	581 336	6 461 572	63,7	4,0	40,0	36,1	683	Yes	
AB	Piiraja	581 133	6 465 012	60,2	4,0	40,0	38,1	551	Yes	
AC	Songa	579 905	6 465 404	60,0	4,0	40,0	35,1	779	Yes	
AD	Saare	583 119	6 463 827	81,5	4,0	40,0	51,8	-868	No	
AE	Sirtsu	585 026	6 467 404	76,6	4,0	40,0	33,1	950	Yes	
AF	Kantsiku	584 259	6 461 064	72,3	4,0	40,0	34,1	879	Yes	
AG	Vana-Rulli	583 946	6 464 787	90,0	4,0	40,0	37,7	378	Yes	
AH	Luhasadu	583 171	6 461 307	70,5	4,0	40,0	37,9	260	Yes	
AI	Vana-Kuninga	580 491	6 462 326	65,7	4,0	40,0	38,3	238	Yes	
AJ	Kadastiku	583 984	6 467 790	80,0	4,0	40,0	38,0	223	Yes	
AK	Juuriku	581 518	6 464 444	64,2	4,0	40,0	39,5	113	Yes	
AL	Tuule	584 459	6 464 894	88,2	4,0	40,0	35,7	779	Yes	
AM	Metsa	581 478	6 467 673	70,0	4,0	40,0	37,9	273	Yes	
AN	Mandli	584 180	6 464 599	90,0	4,0	40,0	37,6	374	Yes	
AO	Lutso	585 480	6 463 673	81,5	4,0	40,0	33,8	915	Yes	
AP	Söödi	581 139	6 461 825	67,8	4,0	40,0	36,9	500	Yes	
AQ	Vabarna	585 456	6 464 271	81,2	4,0	40,0	33,2	1 118	Yes	
AR	Kantsiku/1	584 296	6 461 074	72,5	4,0	40,0	34,0	891	Yes	
AS	Lohu	584 753	6 466 314	80,0	4,0	40,0	34,8	718	Yes	
AT	Metsasalu	584 660	6 466 965	80,0	4,0	40,0	35,7	516	Yes	
AU	Metsanurga	585 086	6 463 454	83,9	4,0	40,0	36,2	484	Yes	
AV	Torimo-Ritsu/1	585 106	6 467 378	75,3	4,0	40,0	32,7	1 021	Yes	
AW	Laiakivi	584 614	6 461 937	80,0	4,0	40,0	36,5	466	Yes	
AX	Teeääre	584 987	6 467 468	76,7	4,0	40,0	33,2	931	Yes	
AY	Liivause	585 593	6 463 961	80,7	4,0	40,0	33,0	1 110	Yes	
AZ	Vanausse	584 902	6 463 687	85,4	4,0	40,0	37,1	366	Yes	
BA	Soo	583 974	6 468 143	80,0	4,0	40,0	36,1	475	Yes	
BB	Uue-Kundru	584 072	6 468 225	80,0	4,0	40,0	35,3	601	Yes	
BC	Suur-Seamiku	584 655	6 467 856	80,0	4,0	40,0	34,0	795	Yes	
BD	Kundru	583 501	6 468 229	80,0	4,0	40,0	37,5	289	Yes	
BE	Salu	581 348	6 468 073	70,0	4,0	40,0	35,4	649	Yes	
BF	Seamiku	584 662	6 467 944	79,2	4,0	40,0	33,7	849	Yes	
BG	Tammeniidu	581 393	6 468 642	70,0	4,0	40,0	33,0	1 060	Yes	
BH	Nurme	583 539	6 469 198	75,4	4,0	40,0	31,8	1 208	Yes	
BI	Aasa	581 765	6 468 783	70,0	4,0	40,0	33,3	983	Yes	
BJ	Seamiku-Ansu	584 640	6 467 821	80,0	4,0	40,0	34,2	764	Yes	
BK	Uesaare	583 021	6 469 272	71,6	4,0	40,0	31,9	1 188	Yes	
BL	Kaasiku	581 652	6 468 749	70,0	4,0	40,0	33,2	1 008	Yes	
BM	Käära	581 802	6 468 636	70,0	4,0	40,0	34,1	836	Yes	
BN	Tänav	581 834	6 468 806	70,0	4,0	40,0	33,3	972	Yes	

Distances (m)

WTG													
NSA	12	12	12	12	11A	11A	11A	11C	11C	11C	11C	11C	1B
A	3597	4257	4142	4149	3636	4655	4635	2329	1121	1911	2263	1797	2872
B	4437	4834	4875	4956	3519	4695	4561	2049	1097	1874	1794	2029	2804
C	4181	5031	4825	4764	4434	5488	5448	3058	1883	2706	2906	2636	2340
D	2408	2981	2865	2920	3048	3803	3915	2187	1317	1591	2387	1147	1910
E	6116	5649	6151	6461	2799	4026	3600	1995	2691	2539	1622	3070	2065
F	5078	5559	5567	5617	4159	5371	5203	2671	1825	2575	2340	2760	1919
G	5043	5136	5345	5510	3204	4470	4233	1742	1398	1862	1325	2231	1103

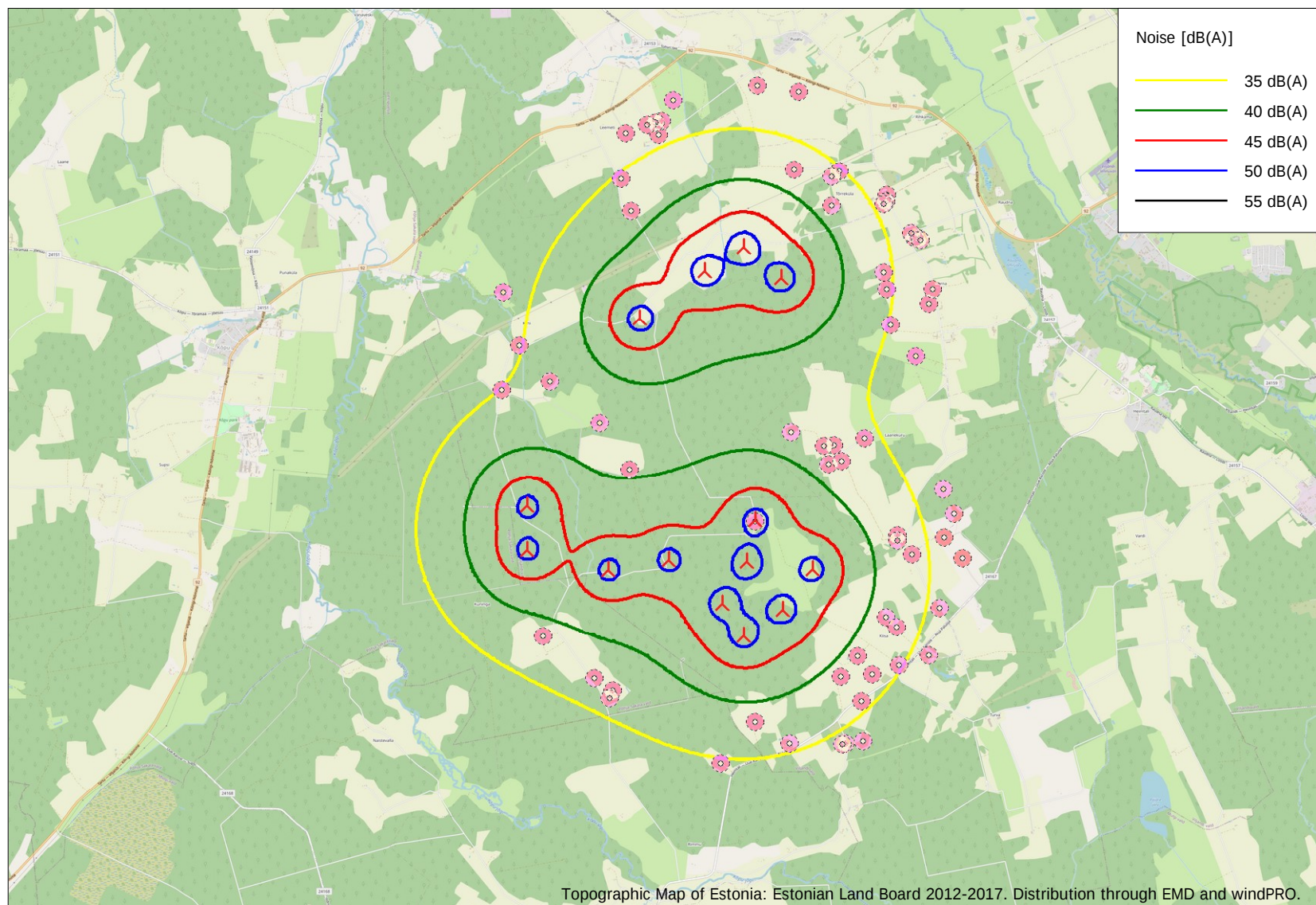
To be continued on next page...

DECIBEL - Main Result

Calculation: Mūra_Alad11_107 dB_ala12_108dB

...continued from previous page

WTG														
NSA	12	12	12	12	11A	11A	11A	11C	11C	11C	11C	11C	11C	1B
H	4608	5029	5061	5133	3685	4873	4728	2207	1291	2058	1926	2224	1446	2979
I	5822	5630	5994	6233	3139	4424	4074	1937	2204	2333	1466	2823	1666	2744
J	5397	5539	5728	5877	3579	4853	4599	2135	1777	2271	1700	2633	1513	2998
K	2197	2903	2710	2728	3225	3917	4058	2426	1566	1826	2636	1360	2161	2518
L	5068	5418	5494	5584	3833	5067	4875	2346	1628	2312	1987	2558	1612	3172
M	4584	5215	5135	5142	4172	5317	5210	2718	1666	2487	2477	2554	1961	3441
N	4832	5027	5180	5317	3301	4542	4341	1815	1236	1827	1451	2131	1098	2651
O	5580	4667	5371	5789	1520	2548	2061	1756	2933	2327	1780	2786	2359	1784
P	3489	1749	2543	3065	3718	2697	3244	4774	5199	4551	5250	4263	5308	3948
Q	1936	2366	2282	2393	2856	3426	3611	2307	1725	1712	2608	1184	2227	2208
R	1904	3686	2862	2428	5364	5754	6032	4733	3805	4132	4937	3643	4433	4731
S	1329	3110	2287	1870	4934	5247	5549	4430	3607	3827	4678	3315	4212	4340
T	1782	3623	2699	2187	5667	5923	6248	5179	4332	4576	5421	4065	4945	5085
U	3175	1378	2383	2955	2455	1573	2116	3513	4030	3331	3988	3099	4080	2677
V	1877	3621	2832	2426	5205	5624	5890	4551	3615	3950	4749	3466	4243	4563
W	2599	2764	2178	2035	5924	5392	5912	6326	6111	5844	6751	5351	6524	5749
X	5881	5974	6195	6355	3843	5131	4835	2460	2246	2675	1997	3072	1918	3322
Y	1956	3493	2851	2559	4686	5217	5437	3932	2956	3336	4107	2873	3588	4009
Z	3392	1552	2508	3073	3010	2001	2550	4107	4609	3922	4582	3675	4673	3268
AA	5681	4764	5471	5889	1613	2620	2124	1843	3014	2419	1851	2882	2433	1885
AB	2914	1402	2313	2849	1833	1371	1821	2734	3231	2530	3211	2302	3281	1920
AC	3767	1944	2942	3514	2614	1486	2027	3845	4486	3742	4312	3570	4471	2984
AD	3060	2919	3186	3433	1940	2866	2881	1113	925	521	1437	14	1165	1190
AE	1735	3576	2650	2137	5635	5883	6211	5158	4320	4555	5404	4043	4931	5057
AF	5879	5890	6153	6336	3650	4940	4628	2308	2224	2574	1835	3002	1829	3162
AG	2167	2794	2637	2680	3103	3782	3927	2344	1541	1741	2573	1260	2118	2403
AH	5572	5256	5678	5951	2659	3941	3583	1546	2054	2016	1102	2533	1446	2307
AI	5385	4157	4995	5480	1172	1650	1105	2279	3474	2708	2504	3029	3016	1842
AJ	1098	2783	1784	1215	5335	5345	5743	5158	4542	4576	5484	4043	5094	4872
AK	3059	1887	2649	3127	1280	1353	1622	2048	2612	1871	2525	1707	2613	1240
AL	2260	3185	2887	2830	3601	4306	4445	2729	1757	2140	2896	1708	2383	2884
AM	2055	1351	1193	1477	4491	3909	4431	5041	5014	4617	5490	4167	5342	4388
AN	2416	3093	2927	2948	3218	3976	4088	2325	1392	1734	2502	1307	2004	2491
AO	3834	4688	4474	4415	4219	5232	5217	2895	1693	2493	2794	2370	2213	3455
AP	5523	4528	5267	5703	1368	2309	1807	1853	3054	2394	1941	2822	2508	1746
AQ	3335	4357	4041	3930	4306	5209	5258	3109	1911	2623	3094	2380	2510	3543
AR	5874	5898	6154	6334	3674	4964	4655	2325	2222	2584	1854	3007	1836	3181
AS	1490	3137	2417	2082	4668	5076	5342	4068	3197	3465	4294	2966	3811	4038
AT	1290	3110	2243	1789	5064	5332	5650	4604	3804	4002	4863	3485	4404	4487
AU	3827	4506	4386	4385	3807	4856	4817	2455	1261	2078	2343	2008	1764	3046
AV	1804	3644	2724	2215	5669	5933	6256	5171	4317	4568	5410	4059	4932	5084
AW	5092	5317	5459	5586	3552	4804	4587	2073	1522	2114	1682	2422	1376	2920
AX	1718	3558	2624	2103	5658	5890	6223	5198	4371	4596	5449	4081	4980	5086
AY	3664	4628	4351	4256	4373	5337	5352	3100	1891	2659	3033	2480	2448	3607
AZ	3537	4216	4089	4091	3648	4654	4641	2357	1148	1925	2303	1793	1718	2883
BA	1401	2975	1970	1399	5637	5597	6011	5499	4895	4920	5829	4387	5444	5194
BB	1518	3103	2097	1527	5756	5723	6136	5601	4980	5020	5927	4487	5535	5307
BC	1613	3401	2419	1861	5757	5876	6245	5423	4677	4826	5706	4300	5267	5234
BD	1358	2676	1687	1149	5507	5362	5802	5496	4990	4935	5854	4405	5508	5120
BE	2351	1764	1560	1750	4887	4256	4786	5461	5429	5037	5911	4586	5761	4802
BF	1673	3448	2460	1898	5832	5940	6313	5508	4765	4911	5793	4385	5354	5313
BG	2652	2323	1989	2045	5457	4818	5351	6003	5921	5564	6448	5100	6278	5360
BH	2326	3454	2524	2049	6419	6182	6648	6461	5955	5903	6823	5373	6477	6064
BI	2493	2458	1958	1901	5617	5054	5577	6071	5909	5605	6504	5123	6300	5469
BJ	1580	3372	2392	1836	5719	5842	6210	5385	4640	4788	5668	4262	5229	5196
BK	2420	3261	2412	2022	6327	5988	6476	6490	6077	5954	6875	5431	6567	6031
BL	2542	2420	1967	1944	5575	4988	5515	6056	5918	5598	6493	5121	6299	5442
BM	2358	2314	1807	1762	5474	4925	5446	5920	5759	5454	6352	4971	6148	5320
BN	2467	2486	1958	1880	5646	5096	5618	6083	5907	5613	6514	5127	6304	5489



Noise [dB(A)]

- 35 dB(A)
- 40 dB(A)
- 45 dB(A)
- 50 dB(A)
- 55 dB(A)

Project:

Viljandi_EP

Description:

25m arvutusvõrk

DECIBEL -
Map Highest noise value

Calculation:

Müra_Alad11_107 dB_ala12_108dB

Licensed user:

Lemma OÜ

Värvi 5 - A308

EE-10621 Tallinn

+3725059914

Piret Toonpere / piret@lemma.ee

Calculated:

21.09.2024 08:11/4.0.552

New WTG

Map: EMD OpenStreetMap , Print scale 1:75 000, Map center Estonian Lambert L-EST97-EST97 (EE) East: 582 048 North: 6 464 824

Noise sensitive area

Noise calculation model: ISO 9613-2 General. Wind speed: Highest noise value

Height above sea level from active line object