

Grabownica Starzeńska - Oczyszczalnia ścieków

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
1	-160.0	160.0	0.0	0.0	43.4	35.7
2	-150.0	160.0	0.0	0.0	43.5	35.9
3	-140.0	160.0	0.0	0.0	43.7	36.0
4	-130.0	160.0	0.0	0.0	43.9	36.2
5	-120.0	160.0	0.0	0.0	44.0	36.3
6	-110.0	160.0	0.0	0.0	44.2	36.5
7	-100.0	160.0	0.0	0.0	44.3	36.6
8	-90.0	160.0	0.0	0.0	44.5	36.7
9	-80.0	160.0	0.0	0.0	44.6	36.8
10	-70.0	160.0	0.0	0.0	44.7	36.8
11	-60.0	160.0	0.0	0.0	44.8	36.9
12	-50.0	160.0	0.0	0.0	44.9	36.9
13	-40.0	160.0	0.0	0.0	45.0	37.0
14	-30.0	160.0	0.0	0.0	45.1	37.0
15	-20.0	160.0	0.0	0.0	45.1	36.9
16	-10.0	160.0	0.0	0.0	45.2	36.9
17	0.0	160.0	0.0	0.0	45.2	36.8
18	10.0	160.0	0.0	0.0	45.1	36.8
19	20.0	160.0	0.0	0.0	45.1	36.7
20	30.0	160.0	0.0	0.0	45.0	36.6
21	40.0	160.0	0.0	0.0	44.9	36.4
22	50.0	160.0	0.0	0.0	44.8	36.3
23	60.0	160.0	0.0	0.0	44.7	36.2
24	70.0	160.0	0.0	0.0	44.5	36.0
25	80.0	160.0	0.0	0.0	44.4	35.9
26	90.0	160.0	0.0	0.0	44.2	35.7
27	100.0	160.0	0.0	0.0	44.0	35.5
28	110.0	160.0	0.0	0.0	43.9	35.4
29	120.0	160.0	0.0	0.0	43.7	35.2
30	130.0	160.0	0.0	0.0	43.6	35.0
31	140.0	160.0	0.0	0.0	43.4	34.9
32	150.0	160.0	0.0	0.0	43.2	34.7
33	160.0	160.0	0.0	0.0	43.1	34.6
34	-160.0	150.0	0.0	0.0	43.6	36.0
35	-150.0	150.0	0.0	0.0	43.7	36.1
36	-140.0	150.0	0.0	0.0	43.9	36.3
37	-130.0	150.0	0.0	0.0	44.1	36.5
38	-120.0	150.0	0.0	0.0	44.2	36.6
39	-110.0	150.0	0.0	0.0	44.4	36.8
40	-100.0	150.0	0.0	0.0	44.6	36.9
41	-90.0	150.0	0.0	0.0	44.7	37.0
42	-80.0	150.0	0.0	0.0	44.9	37.1
43	-70.0	150.0	0.0	0.0	45.1	37.2
44	-60.0	150.0	0.0	0.0	45.2	37.3
45	-50.0	150.0	0.0	0.0	45.3	37.3
46	-40.0	150.0	0.0	0.0	45.4	37.4
47	-30.0	150.0	0.0	0.0	45.5	37.3
48	-20.0	150.0	0.0	0.0	45.5	37.3
49	-10.0	150.0	0.0	0.0	45.6	37.3
50	0.0	150.0	0.0	0.0	45.6	37.2
51	10.0	150.0	0.0	0.0	45.5	37.1
52	20.0	150.0	0.0	0.0	45.5	37.0
53	30.0	150.0	0.0	0.0	45.4	36.9
54	40.0	150.0	0.0	0.0	45.3	36.7
55	50.0	150.0	0.0	0.0	45.1	36.6
56	60.0	150.0	0.0	0.0	45.0	36.4

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LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
57	70.0	150.0	0.0	0.0	44.8	36.3
58	80.0	150.0	0.0	0.0	44.6	36.1
59	90.0	150.0	0.0	0.0	44.5	35.9
60	100.0	150.0	0.0	0.0	44.3	35.7
61	110.0	150.0	0.0	0.0	44.1	35.6
62	120.0	150.0	0.0	0.0	43.9	35.4
63	130.0	150.0	0.0	0.0	43.7	35.2
64	140.0	150.0	0.0	0.0	43.6	35.0
65	150.0	150.0	0.0	0.0	43.4	34.9
66	160.0	150.0	0.0	0.0	43.2	34.7
67	-160.0	140.0	0.0	0.0	43.7	36.2
68	-150.0	140.0	0.0	0.0	43.9	36.4
69	-140.0	140.0	0.0	0.0	44.1	36.6
70	-130.0	140.0	0.0	0.0	44.3	36.7
71	-120.0	140.0	0.0	0.0	44.5	36.9
72	-110.0	140.0	0.0	0.0	44.7	37.1
73	-100.0	140.0	0.0	0.0	44.9	37.2
74	-90.0	140.0	0.0	0.0	45.1	37.4
75	-80.0	140.0	0.0	0.0	45.2	37.5
76	-70.0	140.0	0.0	0.0	45.4	37.6
77	-60.0	140.0	0.0	0.0	45.6	37.7
78	-50.0	140.0	0.0	0.0	45.7	37.7
79	-40.0	140.0	0.0	0.0	45.8	37.8
80	-30.0	140.0	0.0	0.0	45.9	37.8
81	-20.0	140.0	0.0	0.0	46.0	37.7
82	-10.0	140.0	0.0	0.0	46.0	37.7
83	0.0	140.0	0.0	0.0	46.0	37.6
84	10.0	140.0	0.0	0.0	46.0	37.5
85	20.0	140.0	0.0	0.0	45.9	37.4
86	30.0	140.0	0.0	0.0	45.8	37.2
87	40.0	140.0	0.0	0.0	45.7	37.0
88	50.0	140.0	0.0	0.0	45.5	36.9
89	60.0	140.0	0.0	0.0	45.3	36.7
90	70.0	140.0	0.0	0.0	45.1	36.5
91	80.0	140.0	0.0	0.0	44.9	36.3
92	90.0	140.0	0.0	0.0	44.7	36.1
93	100.0	140.0	0.0	0.0	44.5	36.0
94	110.0	140.0	0.0	0.0	44.3	35.8
95	120.0	140.0	0.0	0.0	44.1	35.6
96	130.0	140.0	0.0	0.0	43.9	35.4
97	140.0	140.0	0.0	0.0	43.7	35.2
98	150.0	140.0	0.0	0.0	43.5	35.0
99	160.0	140.0	0.0	0.0	43.4	34.8
100	-160.0	130.0	0.0	0.0	43.9	36.4
101	-150.0	130.0	0.0	0.0	44.1	36.6
102	-140.0	130.0	0.0	0.0	44.3	36.8
103	-130.0	130.0	0.0	0.0	44.5	37.0
104	-120.0	130.0	0.0	0.0	44.7	37.2
105	-110.0	130.0	0.0	0.0	44.9	37.4
106	-100.0	130.0	0.0	0.0	45.2	37.6
107	-90.0	130.0	0.0	0.0	45.4	37.8
108	-80.0	130.0	0.0	0.0	45.6	37.9
109	-70.0	130.0	0.0	0.0	45.8	38.1
110	-60.0	130.0	0.0	0.0	46.0	38.2
111	-50.0	130.0	0.0	0.0	46.2	38.2
112	-40.0	130.0	0.0	0.0	46.3	38.3

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	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
113	-30.0	130.0	0.0	0.0	46.4	38.3
114	-20.0	130.0	0.0	0.0	46.5	38.2
115	-10.0	130.0	0.0	0.0	46.5	38.1
116	0.0	130.0	0.0	0.0	46.5	38.0
117	10.0	130.0	0.0	0.0	46.5	37.9
118	20.0	130.0	0.0	0.0	46.4	37.8
119	30.0	130.0	0.0	0.0	46.3	37.6
120	40.0	130.0	0.0	0.0	46.1	37.4
121	50.0	130.0	0.0	0.0	45.9	37.2
122	60.0	130.0	0.0	0.0	45.7	37.0
123	70.0	130.0	0.0	0.0	45.5	36.8
124	80.0	130.0	0.0	0.0	45.3	36.6
125	90.0	130.0	0.0	0.0	45.0	36.4
126	100.0	130.0	0.0	0.0	44.8	36.2
127	110.0	130.0	0.0	0.0	44.6	36.0
128	120.0	130.0	0.0	0.0	44.3	35.8
129	130.0	130.0	0.0	0.0	44.1	35.5
130	140.0	130.0	0.0	0.0	43.9	35.3
131	150.0	130.0	0.0	0.0	43.7	35.2
132	160.0	130.0	0.0	0.0	43.5	35.0
133	-160.0	120.0	0.0	0.0	44.1	36.6
134	-150.0	120.0	0.0	0.0	44.3	36.9
135	-140.0	120.0	0.0	0.0	44.5	37.1
136	-130.0	120.0	0.0	0.0	44.8	37.3
137	-120.0	120.0	0.0	0.0	45.0	37.6
138	-110.0	120.0	0.0	0.0	45.2	37.8
139	-100.0	120.0	0.0	0.0	45.5	38.1
140	-90.0	120.0	0.0	0.0	45.8	38.3
141	-80.0	120.0	0.0	0.0	46.0	38.5
142	-70.0	120.0	0.0	0.0	46.3	38.6
143	-60.0	120.0	0.0	0.0	46.5	38.7
144	-50.0	120.0	0.0	0.0	46.7	38.8
145	-40.0	120.0	0.0	0.0	46.9	38.8
146	-30.0	120.0	0.0	0.0	47.0	38.8
147	-20.0	120.0	0.0	0.0	47.1	38.8
148	-10.0	120.0	0.0	0.0	47.1	38.7
149	0.0	120.0	0.0	0.0	47.1	38.5
150	10.0	120.0	0.0	0.0	47.1	38.4
151	20.0	120.0	0.0	0.0	47.0	38.2
152	30.0	120.0	0.0	0.0	46.8	38.0
153	40.0	120.0	0.0	0.0	46.6	37.8
154	50.0	120.0	0.0	0.0	46.4	37.6
155	60.0	120.0	0.0	0.0	46.1	37.3
156	70.0	120.0	0.0	0.0	45.9	37.1
157	80.0	120.0	0.0	0.0	45.6	36.8
158	90.0	120.0	0.0	0.0	45.3	36.6
159	100.0	120.0	0.0	0.0	45.1	36.4
160	110.0	120.0	0.0	0.0	44.8	36.2
161	120.0	120.0	0.0	0.0	44.6	35.9
162	130.0	120.0	0.0	0.0	44.3	35.7
163	140.0	120.0	0.0	0.0	44.1	35.5
164	150.0	120.0	0.0	0.0	43.9	35.3
165	160.0	120.0	0.0	0.0	43.6	35.1
166	-160.0	110.0	0.0	0.0	44.2	36.9
167	-150.0	110.0	0.0	0.0	44.5	37.1
168	-140.0	110.0	0.0	0.0	44.7	37.4

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Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
169	-130.0	110.0	0.0	0.0	45.0	37.7
170	-120.0	110.0	0.0	0.0	45.3	38.0
171	-110.0	110.0	0.0	0.0	45.6	38.3
172	-100.0	110.0	0.0	0.0	45.9	38.6
173	-90.0	110.0	0.0	0.0	46.2	38.8
174	-80.0	110.0	0.0	0.0	46.5	39.1
175	-70.0	110.0	0.0	0.0	46.7	39.2
176	-60.0	110.0	0.0	0.0	47.0	39.4
177	-50.0	110.0	0.0	0.0	47.2	39.5
178	-40.0	110.0	0.0	0.0	47.5	39.5
179	-30.0	110.0	0.0	0.0	47.6	39.5
180	-20.0	110.0	0.0	0.0	47.7	39.4
181	-10.0	110.0	0.0	0.0	47.8	39.3
182	0.0	110.0	0.0	0.0	47.8	39.1
183	10.0	110.0	0.0	0.0	47.7	38.9
184	20.0	110.0	0.0	0.0	47.6	38.7
185	30.0	110.0	0.0	0.0	47.4	38.4
186	40.0	110.0	0.0	0.0	47.2	38.2
187	50.0	110.0	0.0	0.0	46.9	37.9
188	60.0	110.0	0.0	0.0	46.6	37.7
189	70.0	110.0	0.0	0.0	46.3	37.4
190	80.0	110.0	0.0	0.0	46.0	37.1
191	90.0	110.0	0.0	0.0	45.7	36.9
192	100.0	110.0	0.0	0.0	45.4	36.6
193	110.0	110.0	0.0	0.0	45.1	36.4
194	120.0	110.0	0.0	0.0	44.8	36.1
195	130.0	110.0	0.0	0.0	44.5	35.9
196	140.0	110.0	0.0	0.0	44.3	35.7
197	150.0	110.0	0.0	0.0	44.0	35.4
198	160.0	110.0	0.0	0.0	43.8	35.2
199	-160.0	100.0	0.0	0.0	44.4	37.1
200	-150.0	100.0	0.0	0.0	44.7	37.4
201	-140.0	100.0	0.0	0.0	45.0	37.7
202	-130.0	100.0	0.0	0.0	45.3	38.1
203	-120.0	100.0	0.0	0.0	45.6	38.5
204	-110.0	100.0	0.0	0.0	45.9	38.8
205	-100.0	100.0	0.0	0.0	46.2	39.1
206	-90.0	100.0	0.0	0.0	46.6	39.4
207	-80.0	100.0	0.0	0.0	46.9	39.7
208	-70.0	100.0	0.0	0.0	47.3	39.9
209	-60.0	100.0	0.0	0.0	47.6	40.1
210	-50.0	100.0	0.0	0.0	47.9	40.2
211	-40.0	100.0	0.0	0.0	48.1	40.2
212	-30.0	100.0	0.0	0.0	48.3	40.2
213	-20.0	100.0	0.0	0.0	48.5	40.1
214	-10.0	100.0	0.0	0.0	48.5	39.9
215	0.0	100.0	0.0	0.0	48.5	39.7
216	10.0	100.0	0.0	0.0	48.4	39.5
217	20.0	100.0	0.0	0.0	48.3	39.2
218	30.0	100.0	0.0	0.0	48.0	38.9
219	40.0	100.0	0.0	0.0	47.8	38.6
220	50.0	100.0	0.0	0.0	47.4	38.3
221	60.0	100.0	0.0	0.0	47.1	38.0
222	70.0	100.0	0.0	0.0	46.7	37.7
223	80.0	100.0	0.0	0.0	46.4	37.4
224	90.0	100.0	0.0	0.0	46.0	37.1

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
225	100.0	100.0	0.0	0.0	45.7	36.8
226	110.0	100.0	0.0	0.0	45.3	36.6
227	120.0	100.0	0.0	0.0	45.0	36.3
228	130.0	100.0	0.0	0.0	44.7	36.1
229	140.0	100.0	0.0	0.0	44.4	35.8
230	150.0	100.0	0.0	0.0	44.2	35.6
231	160.0	100.0	0.0	0.0	43.9	35.3
232	-160.0	90.0	0.0	0.0	44.6	37.4
233	-150.0	90.0	0.0	0.0	44.9	37.7
234	-140.0	90.0	0.0	0.0	45.2	38.1
235	-130.0	90.0	0.0	0.0	45.5	38.5
236	-120.0	90.0	0.0	0.0	45.9	39.0
237	-110.0	90.0	0.0	0.0	46.3	39.4
238	-100.0	90.0	0.0	0.0	46.6	39.8
239	-90.0	90.0	0.0	0.0	47.0	40.1
240	-80.0	90.0	0.0	0.0	47.4	40.5
241	-70.0	90.0	0.0	0.0	47.8	40.7
242	-60.0	90.0	0.0	0.0	48.2	40.9
243	-50.0	90.0	0.0	0.0	48.5	41.0
244	-40.0	90.0	0.0	0.0	48.9	41.1
245	-30.0	90.0	0.0	0.0	49.1	41.0
248	0.0	90.0	0.0	0.0	49.4	40.4
249	10.0	90.0	0.0	0.0	49.3	40.1
250	20.0	90.0	0.0	0.0	49.1	39.8
251	30.0	90.0	0.0	0.0	48.8	39.5
252	40.0	90.0	0.0	0.0	48.4	39.1
253	50.0	90.0	0.0	0.0	48.0	38.7
254	60.0	90.0	0.0	0.0	47.6	38.4
255	70.0	90.0	0.0	0.0	47.2	38.0
256	80.0	90.0	0.0	0.0	46.8	37.7
257	90.0	90.0	0.0	0.0	46.4	37.4
258	100.0	90.0	0.0	0.0	46.0	37.1
259	110.0	90.0	0.0	0.0	45.6	36.8
260	120.0	90.0	0.0	0.0	45.2	36.5
261	130.0	90.0	0.0	0.0	44.9	36.2
262	140.0	90.0	0.0	0.0	44.6	36.0
263	150.0	90.0	0.0	0.0	44.3	35.7
264	160.0	90.0	0.0	0.0	44.0	35.5
265	-160.0	80.0	0.0	0.0	44.8	37.6
266	-150.0	80.0	0.0	0.0	45.1	38.1
267	-140.0	80.0	0.0	0.0	45.5	38.5
268	-130.0	80.0	0.0	0.0	45.8	39.0
269	-120.0	80.0	0.0	0.0	46.2	39.5
270	-110.0	80.0	0.0	0.0	46.6	40.0
271	-100.0	80.0	0.0	0.0	47.1	40.5
272	-90.0	80.0	0.0	0.0	47.5	40.9
273	-80.0	80.0	0.0	0.0	48.0	41.3
274	-70.0	80.0	0.0	0.0	48.4	41.7
275	-60.0	80.0	0.0	0.0	48.9	41.9
276	-50.0	80.0	0.0	0.0	49.3	42.0
282	10.0	80.0	0.0	0.0	50.3	40.9
283	20.0	80.0	0.0	0.0	50.0	40.5
284	30.0	80.0	0.0	0.0	49.6	40.1
285	40.0	80.0	0.0	0.0	49.2	39.6
286	50.0	80.0	0.0	0.0	48.7	39.2
287	60.0	80.0	0.0	0.0	48.2	38.8

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB(A)	dB(A)
288	70.0	80.0	0.0	0.0	47.7	38.4
289	80.0	80.0	0.0	0.0	47.2	38.0
290	90.0	80.0	0.0	0.0	46.7	37.6
291	100.0	80.0	0.0	0.0	46.3	37.3
292	110.0	80.0	0.0	0.0	45.8	37.0
293	120.0	80.0	0.0	0.0	45.5	36.7
294	130.0	80.0	0.0	0.0	45.1	36.4
295	140.0	80.0	0.0	0.0	44.8	36.1
296	150.0	80.0	0.0	0.0	44.4	35.8
297	160.0	80.0	0.0	0.0	44.2	35.6
298	-160.0	70.0	0.0	0.0	45.0	37.9
299	-150.0	70.0	0.0	0.0	45.3	38.4
300	-140.0	70.0	0.0	0.0	45.7	38.9
301	-130.0	70.0	0.0	0.0	46.1	39.5
302	-120.0	70.0	0.0	0.0	46.5	40.0
303	-110.0	70.0	0.0	0.0	47.0	40.6
304	-100.0	70.0	0.0	0.0	47.5	41.2
305	-90.0	70.0	0.0	0.0	48.0	41.8
306	-80.0	70.0	0.0	0.0	48.6	42.3
307	-70.0	70.0	0.0	0.0	49.1	42.7
308	-60.0	70.0	0.0	0.0	49.6	43.0
316	20.0	70.0	0.0	0.0	51.1	41.3
317	30.0	70.0	0.0	0.0	50.6	40.8
318	40.0	70.0	0.0	0.0	50.0	40.2
319	50.0	70.0	0.0	0.0	49.4	39.7
320	60.0	70.0	0.0	0.0	48.8	39.2
321	70.0	70.0	0.0	0.0	48.2	38.7
322	80.0	70.0	0.0	0.0	47.6	38.3
323	90.0	70.0	0.0	0.0	47.1	37.9
324	100.0	70.0	0.0	0.0	46.5	37.5
325	110.0	70.0	0.0	0.0	46.1	37.1
326	120.0	70.0	0.0	0.0	45.7	36.8
327	130.0	70.0	0.0	0.0	45.3	36.5
328	140.0	70.0	0.0	0.0	44.9	36.2
329	150.0	70.0	0.0	0.0	44.6	35.9
330	160.0	70.0	0.0	0.0	44.3	35.7
331	-160.0	60.0	0.0	0.0	45.1	38.2
332	-150.0	60.0	0.0	0.0	45.5	38.8
333	-140.0	60.0	0.0	0.0	45.9	39.4
334	-130.0	60.0	0.0	0.0	46.4	40.0
335	-120.0	60.0	0.0	0.0	46.9	40.6
336	-110.0	60.0	0.0	0.0	47.4	41.3
337	-100.0	60.0	0.0	0.0	48.0	42.0
338	-90.0	60.0	0.0	0.0	48.6	42.7
339	-80.0	60.0	0.0	0.0	49.2	43.4
340	-70.0	60.0	0.0	0.0	49.8	44.0
349	20.0	60.0	0.0	0.0	52.3	42.2
350	30.0	60.0	0.0	0.0	51.7	41.5
351	40.0	60.0	0.0	0.0	50.9	40.9
352	50.0	60.0	0.0	0.0	50.1	40.3
353	60.0	60.0	0.0	0.0	49.4	39.7
354	70.0	60.0	0.0	0.0	48.7	39.1
355	80.0	60.0	0.0	0.0	48.0	38.6
356	90.0	60.0	0.0	0.0	47.4	38.1
357	100.0	60.0	0.0	0.0	46.8	37.7
358	110.0	60.0	0.0	0.0	46.3	37.3

Grabownica Starzeńska - Oczyszczalnia ścieków

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
359	120.0	60.0	0.0	0.0	45.8	37.0
360	130.0	60.0	0.0	0.0	45.4	36.7
361	140.0	60.0	0.0	0.0	45.0	36.3
362	150.0	60.0	0.0	0.0	44.7	36.1
363	160.0	60.0	0.0	0.0	44.4	35.8
364	-160.0	50.0	0.0	0.0	45.3	38.5
365	-150.0	50.0	0.0	0.0	45.7	39.1
366	-140.0	50.0	0.0	0.0	46.2	39.8
367	-130.0	50.0	0.0	0.0	46.7	40.5
368	-120.0	50.0	0.0	0.0	47.2	41.2
369	-110.0	50.0	0.0	0.0	47.8	42.0
370	-100.0	50.0	0.0	0.0	48.4	42.9
371	-90.0	50.0	0.0	0.0	49.1	43.8
372	-80.0	50.0	0.0	0.0	49.9	44.7
383	30.0	50.0	0.0	0.0	53.0	42.4
384	40.0	50.0	0.0	0.0	51.9	41.6
385	50.0	50.0	0.0	0.0	50.9	40.9
386	60.0	50.0	0.0	0.0	50.0	40.1
387	70.0	50.0	0.0	0.0	49.1	39.5
388	80.0	50.0	0.0	0.0	48.4	38.9
389	90.0	50.0	0.0	0.0	47.7	38.4
390	100.0	50.0	0.0	0.0	47.1	37.9
391	110.0	50.0	0.0	0.0	46.5	37.5
392	120.0	50.0	0.0	0.0	46.0	37.1
393	130.0	50.0	0.0	0.0	45.6	36.8
394	140.0	50.0	0.0	0.0	45.2	36.5
395	150.0	50.0	0.0	0.0	44.8	36.2
396	160.0	50.0	0.0	0.0	44.5	35.9
397	-160.0	40.0	0.0	0.0	45.3	38.8
398	-150.0	40.0	0.0	0.0	45.7	39.4
399	-140.0	40.0	0.0	0.0	46.2	40.2
400	-130.0	40.0	0.0	0.0	46.8	41.0
401	-120.0	40.0	0.0	0.0	47.5	41.9
402	-110.0	40.0	0.0	0.0	48.2	42.8
403	-100.0	40.0	0.0	0.0	48.9	43.8
404	-90.0	40.0	0.0	0.0	49.7	44.9
417	40.0	40.0	0.0	0.0	52.9	42.4
418	50.0	40.0	0.0	0.0	51.7	41.5
419	60.0	40.0	0.0	0.0	50.5	40.6
420	70.0	40.0	0.0	0.0	49.6	39.9
421	80.0	40.0	0.0	0.0	48.7	39.2
422	90.0	40.0	0.0	0.0	47.9	38.6
423	100.0	40.0	0.0	0.0	47.3	38.1
424	110.0	40.0	0.0	0.0	46.7	37.6
425	120.0	40.0	0.0	0.0	46.2	37.2
426	130.0	40.0	0.0	0.0	45.7	36.9
427	140.0	40.0	0.0	0.0	45.3	36.5
428	150.0	40.0	0.0	0.0	44.9	36.2
429	160.0	40.0	0.0	0.0	44.5	35.9
430	-160.0	30.0	0.0	0.0	45.4	39.0
431	-150.0	30.0	0.0	0.0	45.8	39.7
432	-140.0	30.0	0.0	0.0	46.4	40.5
433	-130.0	30.0	0.0	0.0	47.0	41.5
434	-120.0	30.0	0.0	0.0	47.6	42.5
435	-110.0	30.0	0.0	0.0	48.4	43.6
436	-100.0	30.0	0.0	0.0	49.2	44.7

Grabownica Starzeńska - Oczyszczalnia ścieków

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
437	-90.0	30.0	0.0	0.0	50.2	46.0
438	-80.0	30.0	0.0	0.0	51.4	47.7
450	40.0	30.0	0.0	0.0	54.0	43.2
451	50.0	30.0	0.0	0.0	52.3	42.0
452	60.0	30.0	0.0	0.0	51.0	41.0
453	70.0	30.0	0.0	0.0	49.9	40.2
454	80.0	30.0	0.0	0.0	49.0	39.4
455	90.0	30.0	0.0	0.0	48.1	38.8
456	100.0	30.0	0.0	0.0	47.4	38.2
457	110.0	30.0	0.0	0.0	46.8	37.8
458	120.0	30.0	0.0	0.0	46.3	37.3
459	130.0	30.0	0.0	0.0	45.8	37.0
460	140.0	30.0	0.0	0.0	45.3	36.6
461	150.0	30.0	0.0	0.0	44.9	36.3
462	160.0	30.0	0.0	0.0	44.6	36.0
463	-160.0	20.0	0.0	0.0	45.5	39.2
464	-150.0	20.0	0.0	0.0	46.0	40.0
465	-140.0	20.0	0.0	0.0	46.5	40.9
466	-130.0	20.0	0.0	0.0	47.2	42.0
467	-120.0	20.0	0.0	0.0	48.0	43.2
468	-110.0	20.0	0.0	0.0	48.8	44.6
469	-100.0	20.0	0.0	0.0	49.8	45.9
470	-90.0	20.0	0.0	0.0	50.7	47.1
484	50.0	20.0	0.0	0.0	52.8	42.6
485	60.0	20.0	0.0	0.0	51.3	41.4
486	70.0	20.0	0.0	0.0	50.1	40.4
487	80.0	20.0	0.0	0.0	49.1	39.6
488	90.0	20.0	0.0	0.0	48.3	38.9
489	100.0	20.0	0.0	0.0	47.5	38.3
490	110.0	20.0	0.0	0.0	46.9	37.8
491	120.0	20.0	0.0	0.0	46.3	37.4
492	130.0	20.0	0.0	0.0	45.8	37.0
493	140.0	20.0	0.0	0.0	45.4	36.7
494	150.0	20.0	0.0	0.0	45.0	36.4
495	160.0	20.0	0.0	0.0	44.6	36.0
496	-160.0	10.0	0.0	0.0	45.5	39.3
497	-150.0	10.0	0.0	0.0	46.1	40.1
498	-140.0	10.0	0.0	0.0	46.7	41.2
499	-130.0	10.0	0.0	0.0	47.4	42.4
500	-120.0	10.0	0.0	0.0	48.3	44.0
501	-110.0	10.0	0.0	0.0	49.5	46.0
517	50.0	10.0	0.0	0.0	53.0	43.0
518	60.0	10.0	0.0	0.0	50.9	41.5
519	70.0	10.0	0.0	0.0	50.0	40.6
520	80.0	10.0	0.0	0.0	49.0	39.7
521	90.0	10.0	0.0	0.0	48.2	39.0
522	100.0	10.0	0.0	0.0	47.5	38.4
523	110.0	10.0	0.0	0.0	46.8	37.9
524	120.0	10.0	0.0	0.0	46.3	37.5
525	130.0	10.0	0.0	0.0	45.8	37.1
526	140.0	10.0	0.0	0.0	45.4	36.7
527	150.0	10.0	0.0	0.0	45.0	36.4
528	160.0	10.0	0.0	0.0	44.6	36.1
529	-160.0	0.0	0.0	0.0	45.6	39.3
530	-150.0	0.0	0.0	0.0	46.1	40.2
531	-140.0	0.0	0.0	0.0	46.8	41.3

Grabownica Starzeńska - Oczyszczalnia ścieków

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
532	-130.0	0.0	0.0	0.0	47.6	42.6
533	-120.0	0.0	0.0	0.0	48.7	44.6
550	50.0	0.0	0.0	0.0	52.8	43.1
551	60.0	0.0	0.0	0.0	50.2	41.5
552	70.0	0.0	0.0	0.0	49.8	40.6
553	80.0	0.0	0.0	0.0	48.8	39.7
554	90.0	0.0	0.0	0.0	48.0	39.0
555	100.0	0.0	0.0	0.0	47.3	38.4
556	110.0	0.0	0.0	0.0	46.7	37.9
557	120.0	0.0	0.0	0.0	46.1	37.5
558	130.0	0.0	0.0	0.0	45.6	37.1
559	140.0	0.0	0.0	0.0	45.2	36.7
560	150.0	0.0	0.0	0.0	44.8	36.4
561	160.0	0.0	0.0	0.0	44.5	36.1
562	-160.0	-10.0	0.0	0.0	45.6	39.3
563	-150.0	-10.0	0.0	0.0	46.1	40.1
564	-140.0	-10.0	0.0	0.0	46.8	41.2
565	-130.0	-10.0	0.0	0.0	47.6	42.5
582	40.0	-10.0	0.0	0.0	53.7	44.5
583	50.0	-10.0	0.0	0.0	52.3	42.9
584	60.0	-10.0	0.0	0.0	50.7	41.6
585	70.0	-10.0	0.0	0.0	49.7	40.6
586	80.0	-10.0	0.0	0.0	48.7	39.7
587	90.0	-10.0	0.0	0.0	48.0	39.0
588	100.0	-10.0	0.0	0.0	47.3	38.4
589	110.0	-10.0	0.0	0.0	46.6	37.9
590	120.0	-10.0	0.0	0.0	46.0	37.5
591	130.0	-10.0	0.0	0.0	45.5	37.1
592	140.0	-10.0	0.0	0.0	45.1	36.7
593	150.0	-10.0	0.0	0.0	44.7	36.4
594	160.0	-10.0	0.0	0.0	44.4	36.1
595	-160.0	-20.0	0.0	0.0	45.5	39.1
596	-150.0	-20.0	0.0	0.0	46.1	39.9
597	-140.0	-20.0	0.0	0.0	46.8	40.9
615	40.0	-20.0	0.0	0.0	52.8	43.8
616	50.0	-20.0	0.0	0.0	51.6	42.5
617	60.0	-20.0	0.0	0.0	47.5	41.0
618	70.0	-20.0	0.0	0.0	49.1	40.4
619	80.0	-20.0	0.0	0.0	48.4	39.6
620	90.0	-20.0	0.0	0.0	47.7	38.9
621	100.0	-20.0	0.0	0.0	47.1	38.3
622	110.0	-20.0	0.0	0.0	46.5	37.9
623	120.0	-20.0	0.0	0.0	46.0	37.4
624	130.0	-20.0	0.0	0.0	45.5	37.1
625	140.0	-20.0	0.0	0.0	45.1	36.7
626	150.0	-20.0	0.0	0.0	44.7	36.4
627	160.0	-20.0	0.0	0.0	44.4	36.1
628	-160.0	-30.0	0.0	0.0	45.4	38.9
629	-150.0	-30.0	0.0	0.0	45.9	39.6
648	40.0	-30.0	0.0	0.0	51.8	43.1
649	50.0	-30.0	0.0	0.0	50.9	42.0
650	60.0	-30.0	0.0	0.0	46.4	40.7
651	70.0	-30.0	0.0	0.0	43.9	39.7
652	80.0	-30.0	0.0	0.0	47.7	39.4
653	90.0	-30.0	0.0	0.0	47.3	38.8
654	100.0	-30.0	0.0	0.0	46.8	38.2

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB(A)	dB(A)
655	110.0	-30.0	0.0	0.0	46.3	37.8
656	120.0	-30.0	0.0	0.0	45.8	37.4
657	130.0	-30.0	0.0	0.0	45.4	37.0
658	140.0	-30.0	0.0	0.0	45.0	36.7
659	150.0	-30.0	0.0	0.0	44.7	36.3
660	160.0	-30.0	0.0	0.0	44.4	36.0
661	-160.0	-40.0	0.0	0.0	45.6	38.6
662	-150.0	-40.0	0.0	0.0	46.3	39.3
681	40.0	-40.0	0.0	0.0	51.0	42.6
682	50.0	-40.0	0.0	0.0	50.0	41.7
683	60.0	-40.0	0.0	0.0	44.7	40.4
684	70.0	-40.0	0.0	0.0	43.7	39.6
685	80.0	-40.0	0.0	0.0	47.0	39.2
686	90.0	-40.0	0.0	0.0	46.4	38.6
687	100.0	-40.0	0.0	0.0	46.3	38.1
688	110.0	-40.0	0.0	0.0	46.0	37.7
689	120.0	-40.0	0.0	0.0	45.6	37.3
690	130.0	-40.0	0.0	0.0	45.2	36.9
691	140.0	-40.0	0.0	0.0	44.9	36.6
692	150.0	-40.0	0.0	0.0	44.6	36.3
693	160.0	-40.0	0.0	0.0	44.3	36.0
694	-160.0	-50.0	0.0	0.0	45.7	38.4
695	-150.0	-50.0	0.0	0.0	46.2	38.9
696	-140.0	-50.0	0.0	0.0	46.9	39.6
714	40.0	-50.0	0.0	0.0	49.0	42.3
715	50.0	-50.0	0.0	0.0	48.7	41.3
716	60.0	-50.0	0.0	0.0	44.0	40.1
717	70.0	-50.0	0.0	0.0	47.4	39.7
718	80.0	-50.0	0.0	0.0	46.8	39.0
719	90.0	-50.0	0.0	0.0	46.2	38.4
720	100.0	-50.0	0.0	0.0	45.7	37.9
721	110.0	-50.0	0.0	0.0	45.4	37.5
722	120.0	-50.0	0.0	0.0	45.2	37.2
723	130.0	-50.0	0.0	0.0	45.0	36.8
724	140.0	-50.0	0.0	0.0	44.7	36.5
725	150.0	-50.0	0.0	0.0	44.4	36.2
726	160.0	-50.0	0.0	0.0	44.1	35.9
727	-160.0	-60.0	0.0	0.0	45.6	38.1
728	-150.0	-60.0	0.0	0.0	46.1	38.6
729	-140.0	-60.0	0.0	0.0	46.8	39.1
730	-130.0	-60.0	0.0	0.0	47.6	39.7
746	30.0	-60.0	0.0	0.0	50.3	44.0
747	40.0	-60.0	0.0	0.0	45.4	42.2
748	50.0	-60.0	0.0	0.0	47.2	41.1
749	60.0	-60.0	0.0	0.0	47.8	40.3
750	70.0	-60.0	0.0	0.0	47.1	39.5
751	80.0	-60.0	0.0	0.0	46.5	38.8
752	90.0	-60.0	0.0	0.0	46.0	38.3
753	100.0	-60.0	0.0	0.0	45.5	37.8
754	110.0	-60.0	0.0	0.0	45.1	37.4
755	120.0	-60.0	0.0	0.0	44.7	37.0
756	130.0	-60.0	0.0	0.0	44.5	36.7
757	140.0	-60.0	0.0	0.0	44.4	36.4
758	150.0	-60.0	0.0	0.0	44.2	36.1
759	160.0	-60.0	0.0	0.0	44.0	35.8
760	-160.0	-70.0	0.0	0.0	45.4	37.8

Grabownica Starzeńska - Oczyszczalnia ścieków

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
761	-150.0	-70.0	0.0	0.0	45.9	38.2
762	-140.0	-70.0	0.0	0.0	46.5	38.6
763	-130.0	-70.0	0.0	0.0	47.3	39.1
764	-120.0	-70.0	0.0	0.0	48.4	39.6
779	30.0	-70.0	0.0	0.0	49.4	45.1
780	40.0	-70.0	0.0	0.0	45.0	42.3
781	50.0	-70.0	0.0	0.0	48.0	41.0
782	60.0	-70.0	0.0	0.0	47.5	40.0
783	70.0	-70.0	0.0	0.0	46.9	39.3
784	80.0	-70.0	0.0	0.0	46.3	38.6
785	90.0	-70.0	0.0	0.0	45.8	38.1
786	100.0	-70.0	0.0	0.0	45.4	37.7
787	110.0	-70.0	0.0	0.0	45.0	37.3
788	120.0	-70.0	0.0	0.0	44.6	36.9
789	130.0	-70.0	0.0	0.0	44.3	36.6
790	140.0	-70.0	0.0	0.0	44.0	36.3
791	150.0	-70.0	0.0	0.0	43.9	36.0
792	160.0	-70.0	0.0	0.0	43.7	35.7
793	-160.0	-80.0	0.0	0.0	45.3	37.5
794	-150.0	-80.0	0.0	0.0	45.7	37.9
795	-140.0	-80.0	0.0	0.0	46.3	38.3
796	-130.0	-80.0	0.0	0.0	47.0	38.6
797	-120.0	-80.0	0.0	0.0	47.8	39.0
812	30.0	-80.0	0.0	0.0	47.4	44.7
813	40.0	-80.0	0.0	0.0	47.8	42.1
814	50.0	-80.0	0.0	0.0	47.4	40.7
815	60.0	-80.0	0.0	0.0	47.1	39.7
816	70.0	-80.0	0.0	0.0	46.5	39.0
817	80.0	-80.0	0.0	0.0	46.1	38.4
818	90.0	-80.0	0.0	0.0	45.6	37.9
819	100.0	-80.0	0.0	0.0	45.2	37.5
820	110.0	-80.0	0.0	0.0	44.8	37.1
821	120.0	-80.0	0.0	0.0	44.5	36.8
822	130.0	-80.0	0.0	0.0	44.2	36.5
823	140.0	-80.0	0.0	0.0	43.9	36.2
824	150.0	-80.0	0.0	0.0	43.6	35.9
825	160.0	-80.0	0.0	0.0	43.4	35.6
826	-160.0	-90.0	0.0	0.0	45.1	37.3
827	-150.0	-90.0	0.0	0.0	45.5	37.6
828	-140.0	-90.0	0.0	0.0	46.0	37.9
829	-130.0	-90.0	0.0	0.0	46.5	38.2
830	-120.0	-90.0	0.0	0.0	47.2	38.6
831	-110.0	-90.0	0.0	0.0	47.9	38.9
843	10.0	-90.0	0.0	0.0	49.3	44.3
844	20.0	-90.0	0.0	0.0	49.1	44.4
845	30.0	-90.0	0.0	0.0	48.2	42.8
846	40.0	-90.0	0.0	0.0	47.3	41.2
847	50.0	-90.0	0.0	0.0	46.9	40.1
848	60.0	-90.0	0.0	0.0	46.6	39.3
849	70.0	-90.0	0.0	0.0	46.2	38.7
850	80.0	-90.0	0.0	0.0	45.8	38.2
851	90.0	-90.0	0.0	0.0	45.4	37.7
852	100.0	-90.0	0.0	0.0	45.0	37.3
853	110.0	-90.0	0.0	0.0	44.6	36.9
854	120.0	-90.0	0.0	0.0	44.3	36.6
855	130.0	-90.0	0.0	0.0	44.0	36.3

Grabownica Starzeńska - Oczyszczalnia ścieków

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB(A)	dB(A)
856	140.0	-90.0	0.0	0.0	43.8	36.0
857	150.0	-90.0	0.0	0.0	43.5	35.8
858	160.0	-90.0	0.0	0.0	43.3	35.5
859	-160.0	-100.0	0.0	0.0	44.9	37.0
860	-150.0	-100.0	0.0	0.0	45.2	37.3
861	-140.0	-100.0	0.0	0.0	45.7	37.6
862	-130.0	-100.0	0.0	0.0	46.2	37.8
863	-120.0	-100.0	0.0	0.0	46.6	38.1
864	-110.0	-100.0	0.0	0.0	47.4	38.4
865	-100.0	-100.0	0.0	0.0	48.0	38.7
875	0.0	-100.0	0.0	0.0	48.5	41.6
876	10.0	-100.0	0.0	0.0	48.3	41.9
877	20.0	-100.0	0.0	0.0	48.1	41.8
878	30.0	-100.0	0.0	0.0	47.5	41.1
879	40.0	-100.0	0.0	0.0	46.8	40.3
880	50.0	-100.0	0.0	0.0	46.4	39.5
881	60.0	-100.0	0.0	0.0	46.1	38.9
882	70.0	-100.0	0.0	0.0	45.9	38.3
883	80.0	-100.0	0.0	0.0	45.5	37.9
884	90.0	-100.0	0.0	0.0	45.2	37.5
885	100.0	-100.0	0.0	0.0	44.8	37.1
886	110.0	-100.0	0.0	0.0	44.5	36.8
887	120.0	-100.0	0.0	0.0	44.2	36.5
888	130.0	-100.0	0.0	0.0	43.9	36.2
889	140.0	-100.0	0.0	0.0	43.7	35.9
890	150.0	-100.0	0.0	0.0	43.4	35.7
891	160.0	-100.0	0.0	0.0	43.2	35.4
892	-160.0	-110.0	0.0	0.0	44.7	36.8
893	-150.0	-110.0	0.0	0.0	45.0	37.0
894	-140.0	-110.0	0.0	0.0	45.4	37.2
895	-130.0	-110.0	0.0	0.0	45.7	37.5
896	-120.0	-110.0	0.0	0.0	46.3	37.8
897	-110.0	-110.0	0.0	0.0	46.7	38.0
898	-100.0	-110.0	0.0	0.0	47.2	38.2
899	-90.0	-110.0	0.0	0.0	47.8	38.4
907	-10.0	-110.0	0.0	0.0	48.4	40.2
908	0.0	-110.0	0.0	0.0	48.0	40.4
909	10.0	-110.0	0.0	0.0	47.7	40.5
910	20.0	-110.0	0.0	0.0	47.4	40.3
911	30.0	-110.0	0.0	0.0	46.9	39.9
912	40.0	-110.0	0.0	0.0	46.4	39.4
913	50.0	-110.0	0.0	0.0	45.9	38.8
914	60.0	-110.0	0.0	0.0	45.7	38.4
915	70.0	-110.0	0.0	0.0	45.5	38.0
916	80.0	-110.0	0.0	0.0	45.3	37.6
917	90.0	-110.0	0.0	0.0	45.0	37.2
918	100.0	-110.0	0.0	0.0	44.6	36.9
919	110.0	-110.0	0.0	0.0	44.4	36.6
920	120.0	-110.0	0.0	0.0	44.0	36.3
921	130.0	-110.0	0.0	0.0	43.8	36.0
922	140.0	-110.0	0.0	0.0	43.5	35.8
923	150.0	-110.0	0.0	0.0	43.3	35.5
924	160.0	-110.0	0.0	0.0	43.1	35.3
925	-160.0	-120.0	0.0	0.0	44.5	36.5
926	-150.0	-120.0	0.0	0.0	44.7	36.7
927	-140.0	-120.0	0.0	0.0	45.0	36.9

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
928	-130.0	-120.0	0.0	0.0	45.5	37.2
929	-120.0	-120.0	0.0	0.0	45.7	37.4
930	-110.0	-120.0	0.0	0.0	46.1	37.6
931	-100.0	-120.0	0.0	0.0	46.6	37.8
932	-90.0	-120.0	0.0	0.0	47.1	38.0
933	-80.0	-120.0	0.0	0.0	47.7	38.2
939	-20.0	-120.0	0.0	0.0	49.4	39.3
940	-10.0	-120.0	0.0	0.0	48.3	39.4
941	0.0	-120.0	0.0	0.0	47.6	39.4
942	10.0	-120.0	0.0	0.0	47.2	39.4
943	20.0	-120.0	0.0	0.0	46.0	39.2
944	30.0	-120.0	0.0	0.0	46.5	39.0
945	40.0	-120.0	0.0	0.0	46.0	38.7
946	50.0	-120.0	0.0	0.0	45.5	38.3
947	60.0	-120.0	0.0	0.0	45.3	37.9
948	70.0	-120.0	0.0	0.0	45.1	37.6
949	80.0	-120.0	0.0	0.0	45.0	37.3
950	90.0	-120.0	0.0	0.0	44.7	36.9
951	100.0	-120.0	0.0	0.0	44.5	36.7
952	110.0	-120.0	0.0	0.0	44.2	36.4
953	120.0	-120.0	0.0	0.0	43.9	36.1
954	130.0	-120.0	0.0	0.0	43.7	35.9
955	140.0	-120.0	0.0	0.0	43.4	35.6
956	150.0	-120.0	0.0	0.0	43.2	35.4
957	160.0	-120.0	0.0	0.0	43.0	35.2
958	-160.0	-130.0	0.0	0.0	44.2	36.3
959	-150.0	-130.0	0.0	0.0	44.4	36.5
960	-140.0	-130.0	0.0	0.0	44.9	36.7
961	-130.0	-130.0	0.0	0.0	45.1	36.9
962	-120.0	-130.0	0.0	0.0	45.4	37.1
963	-110.0	-130.0	0.0	0.0	45.6	37.2
964	-100.0	-130.0	0.0	0.0	46.0	37.4
965	-90.0	-130.0	0.0	0.0	46.4	37.6
966	-80.0	-130.0	0.0	0.0	47.0	37.8
967	-70.0	-130.0	0.0	0.0	47.7	37.9
971	-30.0	-130.0	0.0	0.0	54.8	38.5
972	-20.0	-130.0	0.0	0.0	50.1	38.6
973	-10.0	-130.0	0.0	0.0	48.2	38.7
974	0.0	-130.0	0.0	0.0	47.3	38.7
975	10.0	-130.0	0.0	0.0	45.8	38.6
976	20.0	-130.0	0.0	0.0	46.2	38.5
977	30.0	-130.0	0.0	0.0	46.1	38.4
978	40.0	-130.0	0.0	0.0	45.7	38.1
979	50.0	-130.0	0.0	0.0	45.2	37.8
980	60.0	-130.0	0.0	0.0	44.9	37.5
981	70.0	-130.0	0.0	0.0	44.8	37.2
982	80.0	-130.0	0.0	0.0	44.7	36.9
983	90.0	-130.0	0.0	0.0	44.5	36.7
984	100.0	-130.0	0.0	0.0	44.2	36.4
985	110.0	-130.0	0.0	0.0	44.0	36.2
986	120.0	-130.0	0.0	0.0	43.8	35.9
987	130.0	-130.0	0.0	0.0	43.6	35.7
988	140.0	-130.0	0.0	0.0	43.3	35.5
989	150.0	-130.0	0.0	0.0	43.1	35.3
990	160.0	-130.0	0.0	0.0	42.9	35.0
991	-160.0	-140.0	0.0	0.0	44.0	36.1

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB (A)	dB (A)
992	-150.0	-140.0	0.0	0.0	44.3	36.3
993	-140.0	-140.0	0.0	0.0	44.6	36.5
994	-130.0	-140.0	0.0	0.0	44.7	36.6
995	-120.0	-140.0	0.0	0.0	44.9	36.8
996	-110.0	-140.0	0.0	0.0	45.2	36.9
997	-100.0	-140.0	0.0	0.0	45.5	37.1
998	-90.0	-140.0	0.0	0.0	45.9	37.3
999	-80.0	-140.0	0.0	0.0	46.3	37.4
1000	-70.0	-140.0	0.0	0.0	46.9	37.5
1001	-60.0	-140.0	0.0	0.0	47.7	37.7
1003	-40.0	-140.0	0.0	0.0	50.7	37.9
1004	-30.0	-140.0	0.0	0.0	56.0	38.0
1005	-20.0	-140.0	0.0	0.0	51.0	38.0
1006	-10.0	-140.0	0.0	0.0	47.9	38.1
1007	0.0	-140.0	0.0	0.0	45.8	38.0
1008	10.0	-140.0	0.0	0.0	46.2	38.0
1009	20.0	-140.0	0.0	0.0	45.9	37.9
1010	30.0	-140.0	0.0	0.0	45.7	37.8
1011	40.0	-140.0	0.0	0.0	45.4	37.6
1012	50.0	-140.0	0.0	0.0	45.0	37.4
1013	60.0	-140.0	0.0	0.0	44.6	37.1
1014	70.0	-140.0	0.0	0.0	44.5	36.9
1015	80.0	-140.0	0.0	0.0	44.4	36.6
1016	90.0	-140.0	0.0	0.0	44.2	36.4
1017	100.0	-140.0	0.0	0.0	44.1	36.2
1018	110.0	-140.0	0.0	0.0	43.8	36.0
1019	120.0	-140.0	0.0	0.0	43.6	35.8
1020	130.0	-140.0	0.0	0.0	43.4	35.5
1021	140.0	-140.0	0.0	0.0	43.2	35.3
1022	150.0	-140.0	0.0	0.0	43.0	35.1
1023	160.0	-140.0	0.0	0.0	42.8	34.9
1024	-160.0	-150.0	0.0	0.0	43.9	35.9
1025	-150.0	-150.0	0.0	0.0	44.1	36.0
1026	-140.0	-150.0	0.0	0.0	44.2	36.2
1027	-130.0	-150.0	0.0	0.0	44.4	36.4
1028	-120.0	-150.0	0.0	0.0	44.6	36.5
1029	-110.0	-150.0	0.0	0.0	44.9	36.7
1030	-100.0	-150.0	0.0	0.0	45.1	36.8
1031	-90.0	-150.0	0.0	0.0	45.4	36.9
1032	-80.0	-150.0	0.0	0.0	45.8	37.1
1033	-70.0	-150.0	0.0	0.0	46.2	37.2
1034	-60.0	-150.0	0.0	0.0	46.7	37.3
1035	-50.0	-150.0	0.0	0.0	47.4	37.4
1036	-40.0	-150.0	0.0	0.0	48.3	37.5
1037	-30.0	-150.0	0.0	0.0	49.1	37.5
1038	-20.0	-150.0	0.0	0.0	48.2	37.6
1039	-10.0	-150.0	0.0	0.0	46.8	37.6
1040	0.0	-150.0	0.0	0.0	46.1	37.6
1041	10.0	-150.0	0.0	0.0	45.8	37.5
1042	20.0	-150.0	0.0	0.0	45.5	37.4
1043	30.0	-150.0	0.0	0.0	45.3	37.3
1044	40.0	-150.0	0.0	0.0	45.0	37.2
1045	50.0	-150.0	0.0	0.0	44.7	37.0
1046	60.0	-150.0	0.0	0.0	44.4	36.8
1047	70.0	-150.0	0.0	0.0	44.2	36.5
1048	80.0	-150.0	0.0	0.0	44.1	36.4

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB(A)	dB(A)
1049	90.0	-150.0	0.0	0.0	44.0	36.2
1050	100.0	-150.0	0.0	0.0	43.8	36.0
1051	110.0	-150.0	0.0	0.0	43.6	35.8
1052	120.0	-150.0	0.0	0.0	43.5	35.6
1053	130.0	-150.0	0.0	0.0	43.3	35.4
1054	140.0	-150.0	0.0	0.0	43.1	35.2
1055	150.0	-150.0	0.0	0.0	42.9	35.0
1056	160.0	-150.0	0.0	0.0	42.8	34.8
1057	-160.0	-160.0	0.0	0.0	43.7	35.7
1058	-150.0	-160.0	0.0	0.0	43.8	35.8
1059	-140.0	-160.0	0.0	0.0	43.9	36.0
1060	-130.0	-160.0	0.0	0.0	44.1	36.1
1061	-120.0	-160.0	0.0	0.0	44.3	36.2
1062	-110.0	-160.0	0.0	0.0	44.5	36.4
1063	-100.0	-160.0	0.0	0.0	44.7	36.5
1064	-90.0	-160.0	0.0	0.0	45.0	36.6
1065	-80.0	-160.0	0.0	0.0	45.3	36.8
1066	-70.0	-160.0	0.0	0.0	45.7	36.9
1067	-60.0	-160.0	0.0	0.0	45.7	36.9
1068	-50.0	-160.0	0.0	0.0	46.3	37.0
1069	-40.0	-160.0	0.0	0.0	46.8	37.1
1070	-30.0	-160.0	0.0	0.0	46.5	37.1
1071	-20.0	-160.0	0.0	0.0	46.3	37.1
1072	-10.0	-160.0	0.0	0.0	46.0	37.1
1073	0.0	-160.0	0.0	0.0	45.6	37.1
1074	10.0	-160.0	0.0	0.0	45.3	37.1
1075	20.0	-160.0	0.0	0.0	45.1	37.0
1076	30.0	-160.0	0.0	0.0	44.9	36.9
1077	40.0	-160.0	0.0	0.0	44.8	36.8
1078	50.0	-160.0	0.0	0.0	44.5	36.6
1079	60.0	-160.0	0.0	0.0	44.2	36.4
1080	70.0	-160.0	0.0	0.0	43.9	36.3
1081	80.0	-160.0	0.0	0.0	43.8	36.1
1082	90.0	-160.0	0.0	0.0	43.7	35.9
1083	100.0	-160.0	0.0	0.0	43.6	35.7
1084	110.0	-160.0	0.0	0.0	43.5	35.6
1085	120.0	-160.0	0.0	0.0	43.3	35.4
1086	130.0	-160.0	0.0	0.0	43.2	35.2
1087	140.0	-160.0	0.0	0.0	43.0	35.0
1088	150.0	-160.0	0.0	0.0	42.8	34.8
1089	160.0	-160.0	0.0	0.0	42.7	34.7
1	-132.7	65.5	0.0	0.0	46.1	39.5
2	17.5	97.2	0.0	0.0	48.5	39.4
3	64.1	32.9	0.0	0.0	50.4	40.6
4	108.7	-0.5	0.0	0.0	46.7	38.0
5	88.0	-64.8	0.0	0.0	46.0	38.3
6	11.3	-148.7	0.0	0.0	45.8	37.6
7	-99.1	-151.1	0.0	0.0	45.1	36.8
8	-178.7	-60.9	0.0	0.0	44.8	37.3

LAeq , dzień: wartość największa poza terenem zakładu występuje w punkcie (-30,-140,0.0) i wynosi 56.0 dB(A)

LAeq , noc: wartość największa poza terenem zakładu występuje w punkcie (-80,30,0.0) i wynosi 47.7 dB(A)

Pora dnia - przedział czasu odniesienia równy 8 najmniej korzystnym godzinom dnia

Grabownica Starzeńska - Oczyszczalnia ścieków

kolejno po sobie następującym

Pora nocy - przedział czasu odniesienia równy 1 najmniej korzystnej godzinie nocy

Tłumienie przez grunt wg wzoru 9 PN-ISO 9613.

Koniec wydruku wyników