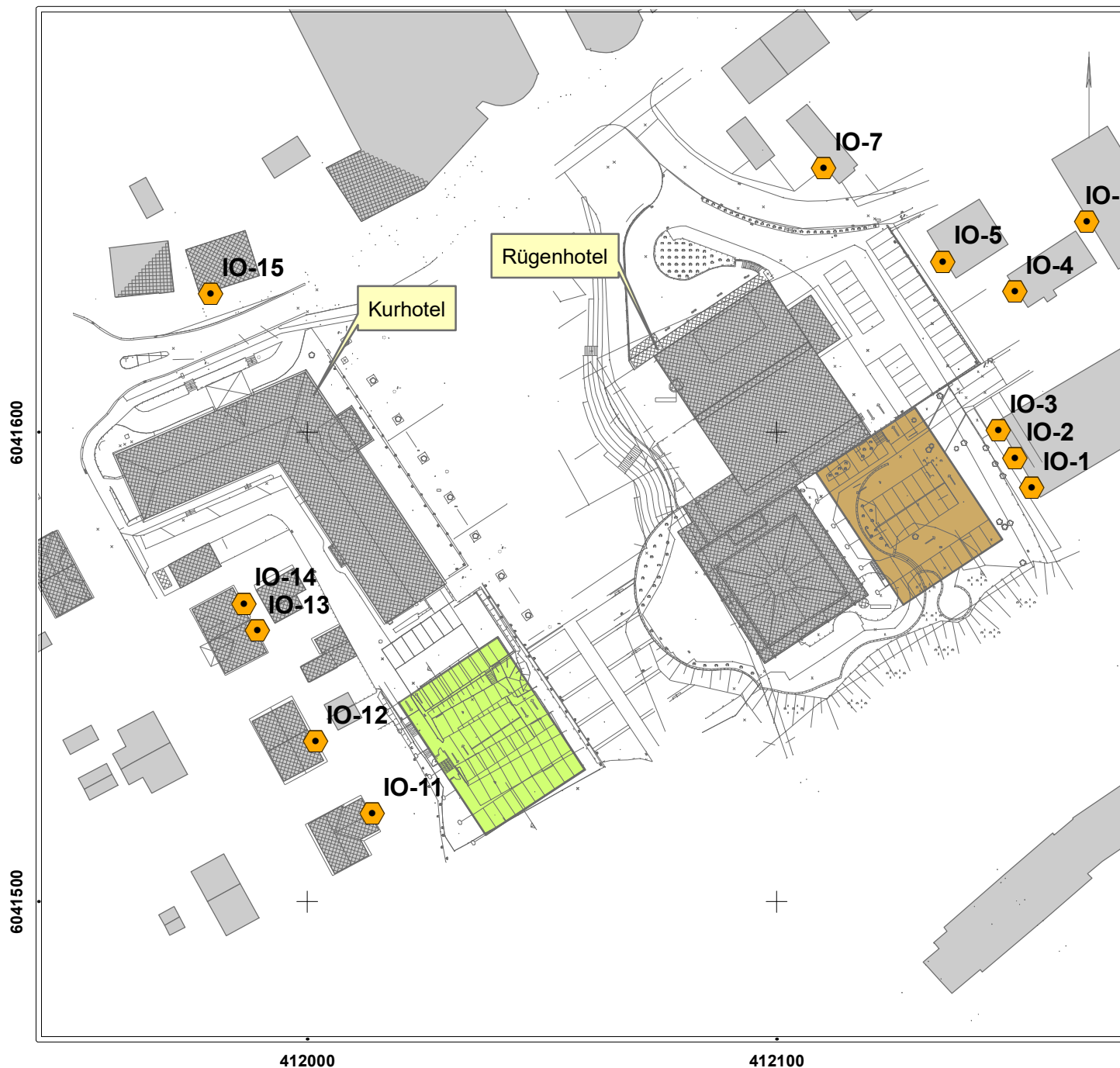




Projekt: Sassnitz
7. Änderung B-Plan Nr. 2, "Stadtzentrum"

Auftraggeber:

Raulff Hotels OHG
 Fürst-Malte-Allee 1
 18581 Putbus

Auftragnehmer:

Dr. Torsten Lober

*Umweltsachverständiger
 Am Nationalpark 10
 17219 Ankershagen*

Titel: Schallimmissionsprognose
 zur Änderung des Bebauungsplanes

Lageplan der
 Immissionsorte

Legende



Immissionsorte



Parkdecks Kurhotel



Parkdecks Rügenhotel

Anlage 1

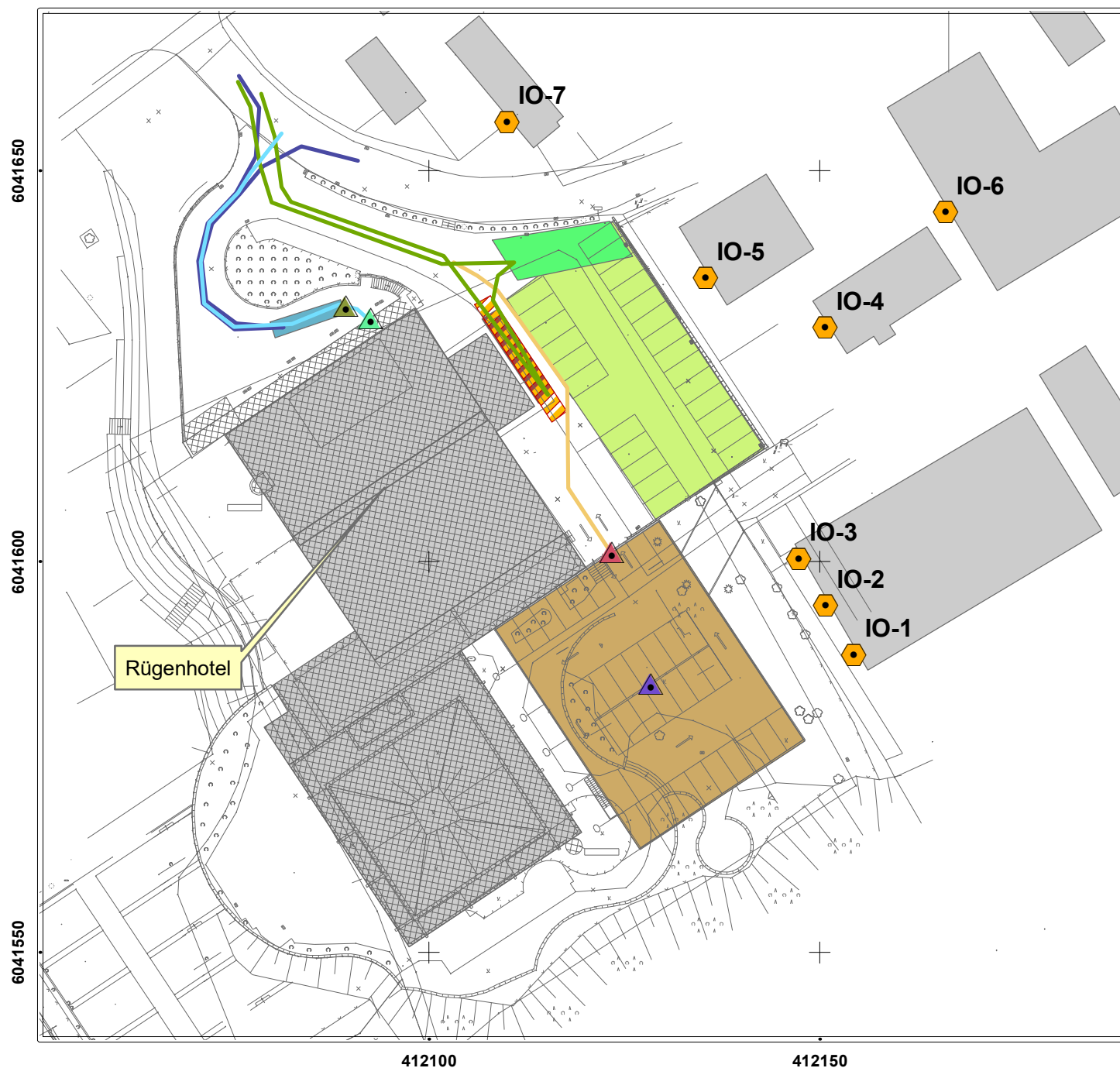
Kartengrundlage: IB Wuttig, Bergen
 Projekt Nr. 2686

0 3 6 12 18 24
 Meter

1:1250



gezeichnet: 25. April 2022 geprüft: 23. Mai 2022



Projekt: Sassnitz
7. Änderung B-Plan Nr. 2,
"Stadtzentrum"

Auftraggeber:
 Raulff Hotels OHG
 Fürst-Malte-Allee 1
 18581 Putbus

Auftragnehmer: Dr. Torsten Lober
 Umweltsachverständiger
 Am Nationalpark 10
 17219 Ankershagen

Titel: Schallimmissionsprognose
 zur Änderung des Bebauungsplanes

Lageplan der Schallquellen
 beim Rügenhotel

Legende

■ Lärmschutzwand h=2m

⬡ Immissionsorte

Schallquellen Rügenhotel

▲ Anlieferung Be- & Entladen

▲ PHS-Lüftungsanlage

▲ Einfahrt Parkhaus

▲ Tor Einfahrt Tiefgarage

— BUS Einfahrt RH

— Ein-+Ausfahrt PKW

— Ein-+Ausfahrt TG

— LKW Anlieferung RH

■ Parkdecks Rügenhotel

■ P-Auffahrt Rügenhotel Check-In

■ LKW Anlieferung RH Parken

■ EG-PP

■ Busstellplätze

■ Bus P Ein-+Aussteigen

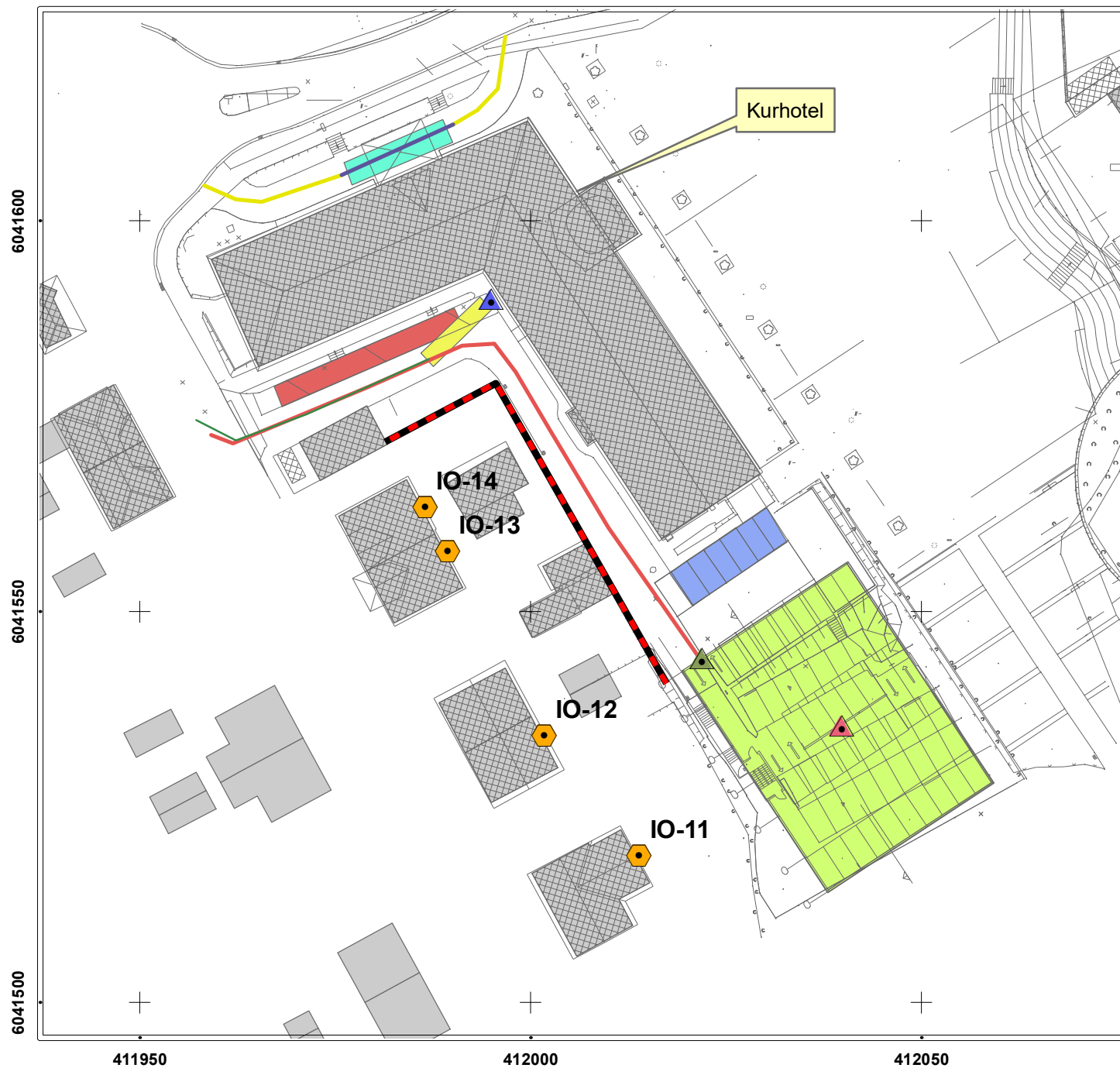
Anlage 2a

Kartengrundlage: IB Wuttig, Bergen
 Projekt Nr. 2686

0 2 4 8 12 16
 Meter 1:750

gezeichnet: 25. April 2022 geprüft: 30. Mai 2022





Projekt: **Sassnitz**
7. Änderung B-Plan Nr. 2,
"Stadtzentrum"

Auftraggeber:

Raulff Hotels OHG
Fürst-Malte-Allee 1
18581 Putbus

Auftragnehmer:

Dr. Torsten Lober

Umweltsachverständiger
Am Nationalpark 10
17219 Ankershagen

Titel: **Schallimmissionsprognose**
zur Änderung des Bebauungsplanes

Lageplan der Schallquellen
mit erforderlicher Lärmschutzwand
beim Kurhotel

Legende

Lärmschutzwand h=2m

Immissionsorte

Quellen Kurhotel

Einfahrt Parkhaus

Anlieferung Be- und Entladung

PHS-Lüftungsanlage

Auffahrt Kurhotel

Auffahrt Rampe Kurhotel

Ein+Ausfahrt Kurhotel

LKW Anlieferung

Parkdecks Kurhotel

P-Auffahrt Kurhotel Check-In

6 offene Stellplätze Bestand

Busstellplätze

Anlieferung LKW

Anlage 2b

Kartengrundlage: IB Wuttig, Bergen
Projekt Nr. 2686

0 2 4 8 12 16
 Meter

1:750



gezeichnet: 25. April 2022 geprüft: 30. Mai 2022

Anlage 3 Datenbank Quelldaten

Sassnitz - 7. Änderung, B-Plan Nr. 2 "Stadtzentrum"

Datum

01.03.22

Index	Bezeichnung	ID	Art	Emission Tag dB(A)	Emission Nacht dB(A)	Höhe in m	Betriebszeiten Tag		Betriebszeit Nacht	
							Teil 1	Teil 2		
Quellen Rügenhotel und Kurhotel										
1	6 Stellpl KH	P1-KH	-0	2	63.2 Lw	62.6 Lw	0.5	06:00 22:00 P 1.0	-	22:00 06:00 1.0
2	Anlieferung	Laden	-0	0	95	-	1,20	Wo 07:00 09:00 P 1.0	-	-
3	Anlieferung	LKW-P	-0	2	83 Lw	-	0.5	Wo 07:00 09:00 P 1.0	-	-
4	Anlieferung RH Laden	RH-Laden	-0	0	95	-	1,20	Wo 07:00 09:00 P 1.0	-	-
5	Auffahrt Kurhotel	Auf-KH	-0	1	57.3	-	0.5	06:00 22:00 P 1.0	-	-
6	Auffahrt Rampe	Rampen-KH	-0	1	60.0	-	0.5	06:00 22:00 P 1.0	-	-
7	Auffahrt Rampe	Rampen-KH	-0	1	60.0	-	0.5	06:00 22:00 P 1.0	-	-
8	BUS Einfahrt RH	BUS-RH-E	-0	1	63	-	0.5	07:00 09:00 P 1.0	-	-
9	Bus E+A	RH-Bus-EA	-0	2	74 Lw	-	0.5	06:00 22:00 P 1.0	-	-
10	Busstellplätze	RH-Bus	-0	2	71 Lw	-	0.5	06:00 22:00 P 1.0	-	-
11	Busstellplätze	KH-Bus	-0	2	71 Lw	-	0.5	06:00 22:00 P 1.0	-	-
12	EA Kurhotel	EA-KH	-0	1	58.9	58.2	0.5	06:00 22:00 P 1.0	-	22:00 06:00 1.0
13	EA Kurhotel Restaura	EA-R-KH	-0	1	60.6	-	0.5	16:00 22:00 P 1.0	-	-
14	EG-PP	P1	-0	2	72.2 Lw	71.5 Lw	0.5 D	06:00 22:00 P 1.0	-	22:00 06:00 1.0
15	EinAus RH	EA_RH	-0	1	59.5	58.9	0.5	06:00 22:00 P 1.0	-	22:00 06:00 P 1.0
16	EinAusfahrt RH	EA_RH_D	-0	1	59.5	58.9	0.5 D	06:00 22:00 P 1.0	-	22:00 06:00 P 1.0
17	EinAusfahrt Rest RH	EA_R_RH_D	-0	1	64	0	0.5 D	16:00 22:00 P 1.0	-	-
18	EinAusfahrt Restau	EA_R_RH	-0	1	64	0	0.5	16:00 22:00 P 1.0	-	-
19	LKW Anlieferung	LKW	-0	1	63	-	0.5	Wo 07:00 09:00 P 2.0	-	-
20	LKW Anlieferung RH	LKW-RH	-0	1	66	-	0.5	Wo 07:00 09:00 P 1.0	-	-
21	LKW Anlieferung RH P	LKW-RH-P	-0	2	83 Lw	-	0.5	Wo 07:00 09:00 P 1.0	-	-
22	P-Auffahrt Kurhotel	KH-Checkin	-0	2	78.3 Lw	-	0.5	06:00 22:00 P 1.0	-	-
23	P-Auffahrt Rügenhote	RH-Checkin	-0	2	79 Lw	-	0.5	06:00 22:00 P 1.0	-	-
24	PHS-Lüftung	PHS-luft	-0	0	70	70	0.5 D	06:00 22:00 P 0.5	-	22:00 06:00 P 0.5
25	PHS-Lüftung RH	PHS-luft	-0	0	70	70	0.5 D	06:00 22:00 P 0.5	-	22:00 06:00 P 0.5
26	Tor PHs Kurhotel	KH-Tor	-0	4	71.5	70.8	1	06:00 22:00 P 1.0	-	22:00 06:00 1.0
27	Tor PHs Kurhotel Res	KH-Tor-R	-0	4	73.3	-	1	16:00 22:00 P 1.0	-	-
28	Tor PHs R-Hotel	RH-Tor	-0	4	73	72.3	30.4 A	06:00 22:00 P 1.0	-	22:00 06:00 1.0
29	Tor PHs R-Hotel Rest	RH-Tor-R	-0	4	77.5	0	30.4 A	16:00 22:00 P 1.0	-	-
30	Einf Ausf TG RH	EA-TG	-0	1	56.8	56.8	0.5	06:00 22:00 P 1.0	-	22:00 06:00 1.0
31	Tor TG R-Hotel	TG-Tor	-0	4	67.2	67.2	1	06:00 22:00 P 1.0	-	22:00 06:00 1.0

Erläuterungen:

Art:

- 0 Punktquelle
 1 Linienquelle Emission als längenbezogener Schallleistungspegel
 2 Flächenquelle Emission als flächenbezogener Schallleistungspegel
 3 Flächenquelle als emittierende Gebäudewand/-dach
 4 Punktquelle vor Gebäudefassade

Emission:

Lw Angabe des Schallleistungspegel (für programminterne Umrechnung auf Linie oder Fläche)
 bei Gebäudeflächen: Emission wird nach VDI 2571 aus dem Innenpegel einer gleichnamigen HIP-Quelle ermittelt
 /T XX gibt das Dämmmaß in XX dB an

Betriebszeit:

P z.y Anteil z.y des definierten Zeitraumes
 Wo Wochentags
 M a.b a.b Minuten je Stunde des def. Zeitraumes

Höhen:

relative Höhen über def. Gelände
 A absolute Höhenangaben über Null
 D Höhenbezug Dach eines Gebäudes
 B Höhenbezug Böschungskante

Anlage 4 Emissionsberechnung nach Parkplatzlärmstudie

Änderung B-Plan Nr. 2 Sassnitz

Berechnung der Schallemissionen
mit der Parkplatzlärmstudie des LfU Bayern 6. Auflage

zusammengefasstes bzw. detailliertes Verfahren

Projekt Nr. 2686 Änderung B-Plan Nr. 2 Sassnitz
Kunden und Mitarbeiter Parkplätze

19.04.2022

$$L_w = L_{w0} + K(PA) + KI + K(D) + K_{strO} + 10 \lg(B \cdot N)$$

$$L_w'' = L_w - 10 \lg(S)$$

L _w	Schalleistungspegel
L _{w''}	Flächenbezogener Schalleistungspegel
L _{w0}	=63 dB(A)
K(PA)	Zuschlag für die Parkplatzart (Tabelle 34)
K(D)	Zuschlag für den Durchfahranteil
N	Bewegungen je h
n	Anzahl der Stellplätze
S	Fläche des Parkplatzes in m²

					Bezug Einheit	KstrO	Anz. Stellpl.	Bezug	Bewegungshäufigk. N				Zuschläge in dB			Hilfsgr.	KD j/n	Tag 6-22 Uhr	mit KI Tag -	lt. N-h 22-23 Uhr
Name	ID	Bem.		RQ	B0	dB(A)	n	B	Tag 6-22 Uhr	Tag -	lt. N-h 22-23 Uhr	f	KD dB(A)	KPA dB(A)	KI dB(A)	f*B	ü. 1/0	Lw dB(A)	Lw dB(A)	Lw dB(A)
PP am Eingang RH (vorh.) Empfang Busstellplätze 6 Stellpl. KH Busstellplätze Empfang	P1-RH	Hotel groß	zus.	2	1 Bett	0	25	42,6	0,07	0	0,06	0,5	2,7	0	4	21,3	1	72,2	0,0	71,5
	RH-Checkin	Hotel groß	zus.	2	1 Bett	0	1	1,0	15,75	0	27	0,5	0,0	0	4	0,5	0	79,0	0,0	81,3
	RH-Bus	Bus	zus.	2	Stellpl	0	2	2,0	0,125	0	0	0,5	0,0	10	4	1,0	0	71,0	0,0	0,0
	P1-KH	Hotel groß	zus.	2	1 Bett	0	6	12,3	0,07	0	0,06	0,5	0,0	0	4	6,2	0	63,2	0,0	62,6
	KH-Bus	Bus	zus.	2	Stellpl.	0	2	2,0	0,125	0	0	0,25	0,0	10	4	0,5	0	71,0	0,0	0,0
	KH-Checkin	Hotel groß	zus.	2	1 Bett	0	1	1,0	13,51	0	23,16	0,5	0,0	0	4	0,5	0	78,3	0,0	80,6

Anlage 5 Emissionen nach RLS-90

überarbeitete Fassung der Tabelle vom
23.09.13

TL

V2.1

Schallemissionen

Änderung B-Plan Nr. 2 Sassnitz

Proj. 2686

20.04.2022

gesamter Abschnitt

Straßenabschnitt	ID	Bereic	Planfall	Art	DTV	v Pkw	v Lkw	v Pkw	v Lkw	Belag Kstr O	Neig.	Mt	pt	Mn	pn	LmE in dB		LW'	
						Tag	Tag	Nacht	Nacht		%	Tag	%	Nacht	%	für RQ=1		dB(A)/m	dB(A)/m
						km/h	km/h	km/h	km/h		%	Tag	%	Nacht	%	Tag	Nacht	Tag	Nacht
Einf/Ausf Parkdecks RH	EA_RH		Prognose	#)	#)	30	30	30	30	0	0	15,8	0,0	13,5	0,0	40,5	39,9	59,5	58,9
Auffahrt Checkin KH	Auf_KH		Prognose	#)	#)	30	30	30	30	1,5	0	6,8	0,0	11,6	0,0	38,3	40,7	57,3	59,7
Auffahrt Checkin KH Rampe	Rampe_KH		Prognose	#)	#)	30	30	30	30	1,5	9,5	6,8	0,0	11,6	0,0	41,0	43,4	60,0	62,4
Einf/Ausf Parkanlage KH	EA_KH		Prognose	#)	#)	30	30	30	30	0	0	13,5	0,0	11,6	0,0	39,9	39,2	58,9	58,2
Einf/Ausf Restaurant RH	EA_R_RH		Prognose	#)	#)	30	30	30	30	0	0	44,6	0,0	0,0	0,0	45,0	0,0	64,0	0,0
Einf/Ausf TG Rügenhotel	AR_RH		Prognose	#)	#)	30	30	30	30	0	8,7	5,0	0,0	5,0	0,0	37,8	37,8	56,8	56,8
Einf/Ausf Restaurant KH	EA_R_KH		Prognose	#)	#)	30	30	30	30	0	0	20,3	0,0	0,0	0,0	41,6	0,0	60,6	0,0

#) detaillierte Vorgabe von M und p

KstrO

- 0 dB(A) bei asphaltierten Fahrgassen
- 1 dB(A) bei Betonsteinpflaster mit Fugen kleiner/gleich 3 mm
- 1,5 dB(A) bei Betonsteinpflaster mit Fugen größer 3 mm
- 4 dB(A) bei wassergebundenen Decken (Kies)
- 5 dB(A) bei Natursteinpflaster

geplant:
Fahrgassen Asphalt

Anlage 6 Emissionen Tiefgarageneinfahrten nach PLS-6 Änderung B-Plan Nr. 2 Sassnitz

Proj. 2686

05.05.2022

Tiefgarageneinfahrten nach Parkplatzlärmstudie 6. Auflage

Variante 2

A) Rügenhotel Parkhaus (neu):

			Breite	Höhe	A	Bemerkung
			m	m	m ²	
Tor		unten	6	2,1	12,6	Annahme

Schallemission der Toreinfahrt						
	ID	n	Absorption	LwA"	LwA	Bemerkung
		Fzg/h	dB	dB(A)/m ²	dB(A)	
Hotelgäste Tag	RH-Tor	15,8	0	62,0	73,0	6-22 Uhr !
Restaurantbesucher T	RH-Tor-R	44,6	0	66,5	77,5	16-22 Uhr
Hotelgäste Lt. Nacht-h	RH-Tor	13,5	0	61,3	72,3	

B) Rügenhotel Tiefgarage Bestand:

			Breite	Höhe	A	Bemerkung
			m	m	m ²	
Tor		unten	5	2,1	10,5	Abschätzung

Schallemission der Toreinfahrt						
	ID	n	Absorption	LwA"	LwA	Bemerkung
		Fzg/h	dB	dB(A)/m ²	dB(A)	
Tag	RH-TG	5,0	0	57,0	67,2	6-22 Uhr !
lauteste Nacht-h	RH-TG	5,0	0	57,0	67,2	

C) Kurhotel Parkhaus (neu):

			Breite	Höhe	A	Bemerkung
			m	m	m ²	
Tor		unten	5	2,1	10,5	Abschätzung

Schallemission der Toreinfahrt						
	ID	n	Absorption	LwA"	LwA	Bemerkung
		Fzg/h	dB	dB(A)/m ²	dB(A)	
Hotelgäste Tag	KH-Tor	13,5	0	61,3	71,5	6-22 Uhr !
Restaurantbesucher T	KH-Tor-R	20,3	0	63,07067951	73,3	16-22 Uhr
Hotelgäste Lt. Nacht-h	KH-Tor	11,6	0	60,6	70,8	

Anlage 7

Berechnungsprotokoll – Beurteilungspegel TA-Lärm, werktags & lauteste Nachtstunde

Projekt: LIMA_7 Version: 2021_20122162 Lizenznehmer: Umweltsachverständiger Dr. Torsten Lober, Ankershagen
Tabelle 11 werktags Rügertel + Kurhotel V04 als Parkhaus geschlossen Auftrag: R05-V04W Datum: 24/05/2022 Seite: 1

Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 100L EG V04/F05 - GB.: WALTERSIRKE 1 <ID>10-1
Lage des Aufpunktes : XE= 412.3544 km YE= 6941.5581 km ZE= 27.82 m
Tag Nacht
Immission : 37,4 dB(A) 29,7 dB(A)

Eintritt Name	Ident	Emission		RQ	Anz./AFl	Wegs		Korr. Formel	min. dB	Dc	Df	mittlere Werte für								LAT		Zeitschläge				Im (LAT+ZEHR)		
		Tag	Nacht			Tag	Nacht					Ort	Defl	Activ	Ag	Atm	Abr	Tag	Nacht	Tag	Nacht	Tag	Tag	Nacht	RR	Tag	Nacht	
		dB(A)	dB(A)			/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)
6 Stellpl KH	PL-KH	44,4	43,8	10 ⁰	2,0	75,3	63,2	62,6	0,0	129,3	3,0	0,0	0,0	0,0	25	-53,4	-4,5	-0,3	-15,0	-4,5	-5,1	0,0	0,0	1,9	-2,6	-5,1		
Anlieferung	UKW	69,2	0,0	10 ⁰	2,0	23,7	83,0	0,0	0,0	162,1	3,0	0,0	0,0	0,0	0,0	-55,3	-4,6	-0,3	-20,4	5,4	0,0	-9,0	0,0	0,0	-3,6	0,0		
Anlieferung	Laden	95,0	0,0	10 ⁰	0,0	1,0	95,0	0,0	0,0	19,6	3,0	0,0	0,0	0,0	0,0	-55,1	-4,5	-0,3	-20,5	17,6	0,0	-9,0	0,0	0,0	8,6	0,0		
Anlieferung RH Laden	RH-Laden	95,0	0,0	10 ⁰	0,0	1,0	95,0	0,0	0,0	79,1	3,0	0,0	0,0	0,0	0,8	-49,0	-4,1	-0,1	-20,8	24,7	0,0	-9,0	0,0	0,0	15,7	0,0		
Auffahrt Kurhotel	Auf-KH	57,3	0,0	10 ⁰	1,0	15,7	69,3	0,0	0,0	167,3	3,0	0,0	0,0	0,0	0,0	-55,8	-4,6	-0,3	-20,4	-8,8	0,0	0,0	0,0	1,9	-6,9	0,0		
Auffahrt Rampe	Rampen-KH	60,0	0,0	10 ⁰	1,0	32,6	75,1	0,0	0,0	161,3	3,0	0,0	0,0	0,0	0,0	-55,9	-4,6	-0,3	-20,4	-3,1	0,0	0,0	0,0	1,9	-1,2	0,0		
BUS Einfahrt RH	BUS-RHE	63,0	0,0	10 ⁰	1,0	125,2	84,0	0,0	0,0	58,1	3,0	0,0	0,0	0,0	0,8	-48,4	-4,2	-0,1	-3,5	31,6	0,0	-9,0	0,0	0,0	22,6	0,0		
Bus EA	RH-Bus-EA	59,0	0,0	10 ⁰	2,0	31,5	74,0	0,0	0,0	54,4	3,0	0,0	0,0	0,0	1,7	-46,2	-3,9	-0,1	-3,2	25,3	0,0	0,0	0,0	1,9	27,2	0,0		
Bustellplätze	KH-Bus	52,5	0,0	10 ⁰	2,0	70,8	71,0	0,0	0,0	189,4	3,0	0,0	0,0	0,0	2,5	-55,9	-4,6	-0,3	-20,4	-4,7	0,0	0,0	0,0	1,9	-2,8	0,0		
Bustellplätze	RH-Bus	52,0	0,0	10 ⁰	2,0	80,7	71,0	0,0	0,0	62,4	3,0	0,0	0,0	0,0	0,2	-47,2	-4,0	-0,1	-2,4	29,5	0,0	0,0	0,0	1,9	22,4	0,0		
EA Kurhotel	EA-KH	58,9	58,2	10 ⁰	1,0	87,5	78,3	77,6	0,0	140,9	3,0	0,0	0,0	0,0	3,1	-54,9	-4,5	-0,3	-18,6	6,0	5,3	0,0	0,0	1,9	7,9	5,3		
EA Kurhotel Restaura	EA-RH	60,6	0,0	10 ⁰	1,0	87,5	80,0	0,0	0,0	140,9	3,0	0,0	0,0	0,0	3,1	-54,9	-4,5	-0,3	-18,6	7,7	0,0	-4,3	0,0	3,0	6,4	0,0		
EGFP	PL	44,6	43,9	10 ⁰	2,0	59,2	72,2	71,5	0,0	37,1	3,0	0,0	0,0	0,0	0,0	-44,0	-3,2	-0,1	-3,8	24,1	23,4	0,0	0,0	1,9	26,0	23,4		
EinAus RH	EA-RH	59,5	58,9	10 ⁰	1,0	33,6	74,8	74,2	0,0	77,0	3,0	0,0	0,0	0,0	0,0	-49,7	-4,3	-0,2	-4,7	18,9	18,3	0,0	0,0	1,9	20,8	18,3		
EinAusfahrt RH	EA-RHD	59,5	58,9	10 ⁰	1,0	44,5	76,0	75,4	0,0	36,0	3,0	0,0	0,0	0,0	0,5	-44,5	-3,6	-0,1	-5,6	25,7	25,1	0,0	0,0	1,9	27,6	25,1		
EinAusfahrt Rest RH	EA-RH-D	64,0	0,0	10 ⁰	1,0	44,3	89,5	0,0	0,0	36,3	3,0	0,0	0,0	0,0	0,5	-44,5	-3,6	-0,1	-5,6	30,2	0,0	-4,3	0,0	3,0	28,9	0,0		
EinAusfahrt Restau	EA-RH	64,0	0,0	10 ⁰	1,0	34,8	79,4	0,0	0,0	76,6	3,0	0,0	0,0	0,0	0,0	-49,6	-4,3	-0,2	-5,2	23,1	0,0	-4,3	0,0	3,0	21,8	0,0		
Einf Auf TG	EA-TG	56,8	56,8	10 ⁰	1,0	48,2	73,6	73,6	0,0	76,7	3,0	0,0	0,0	0,0	0,2	-50,2	-4,4	-0,2	-13,9	8,1	8,1	0,0	0,0	1,9	10,0	8,1		
UKW Anlieferung	UKW	63,0	0,0	10 ⁰	1,0	32,5	78,1	0,0	0,0	171,6	3,0	0,0	0,0	0,0	0,2	-55,2	-4,6	-0,3	-20,4	-0,2	0,0	-6,0	0,0	0,0	-6,2	0,0		
UKW Anlieferung RH	UKW-RH	65,0	0,0	10 ⁰	1,0	87,6	85,4	0,0	0,0	85,9	3,0	0,0	0,0	0,0	0,1	-50,6	-4,4	-0,2	-8,1	25,2	0,0	-9,0	0,0	0,0	16,2	0,0		
UKW Anlieferung RHP	UKW-RHP	70,2	0,0	10 ⁰	2,0	19,2	83,0	0,0	0,0	89,7	3,0	0,0	0,0	0,0	0,3	-49,3	-4,3	-0,2	-20,7	11,8	0,0	-9,0	0,0	0,0	2,8	0,0		
PAuffahrt Kurhotel	KH-Checkin	62,0	0,0	10 ⁰	2,0	43,1	78,3	0,0	0,0	189,6	3,0	0,0	0,0	0,0	0,0	-55,8	-4,6	-0,3	-20,4	0,2	0,0	0,0	0,0	1,9	2,1	0,0		
PAuffahrt Rügertel	RH-Checkin	62,7	0,0	10 ⁰	2,0	42,7	79,0	0,0	0,0	52,8	3,0	0,0	0,0	0,0	1,5	-46,1	-3,9	-0,1	-3,2	30,2	0,0	0,0	0,0	1,9	32,1	0,0		
RHS Lüftung	RHS-Luft	70,0	70,0	10 ⁰	0,0	1,0	70,0	70,0	0,0	126,3	3,0	0,0	0,0	0,0	4,8	-53,0	-4,2	-0,2	-14,3	6,1	6,1	-3,0	-3,0	1,9	5,0	3,1		
RHS Lüftung RH	RHS-Luft	70,0	70,0	10 ⁰	0,0	1,0	70,0	70,0	0,0	26,9	3,0	0,0	0,0	0,0	2,1	-39,6	-1,1	-0,1	-10,0	24,3	24,3	-3,0	-3,0	1,9	23,2	21,3		
Tor Rhs Kurhotel	KH-Tor	71,5	70,8	10 ⁰	0,0	1,0	71,5	70,8	0,0	139,8	6,0	0,0	0,0	0,0	6,5	-53,9	-4,5	-0,3	-20,5	4,8	4,1	0,0	0,0	1,9	6,7	4,1		
Tor Rhs Kurhotel Res	KH-Tor-R	73,3	0,0	10 ⁰	0,0	1,0	73,3	0,0	0,0	139,8	6,0	0,0	0,0	0,0	6,5	-53,9	-4,5	-0,3	-20,5	6,6	0,0	-4,3	0,0	3,0	5,3	0,0		
Tor Rhs RHotel	RH-Tor	73,0	72,3	10 ⁰	0,0	1,0	73,0	72,3	0,0	33,9	6,0	0,0	0,0	0,0	8,3	-41,6	-1,3	-0,1	-21,4	22,9	22,2	0,0	0,0	1,9	24,8	22,2		
Tor Rhs RHotel Rest	RH-Tor-R	77,5	0,0	10 ⁰	0,0	1,0	77,5	0,0	0,0	33,9	6,0	0,0	0,0	0,0	8,3	-41,6	-1,3	-0,1	-21,4	27,4	0,0	-4,3	0,0	3,0	26,1	0,0		
Tor TG RHotel	TG-Tor	67,2	67,2	10 ⁰	0,0	1,0	67,2	67,2	0,0	73,6	6,0	0,0	0,0	0,0	0,0	-48,3	-4,0	-0,1	-21,1	-0,3	-0,3	0,0	0,0	1,9	1,6	-0,3		

Projekt:
Tabelle 11 verk. tags Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : T001 1.05 V04WFS - GB.: WALTERSRADE 1 <D>D-1
Lage des Aufpunktes : X= 412.154 km Y= 6041.588 km Z= 30.62 m
Tag Nacht
Immission : 39.6 dB(A) 32.0 dB(A)

Emission Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Formel	min. ds	Dc	DI	Drefl	Drefl	Activ	Agr	Atm	Azr	L A T		Zeitrausch		Lm					
		Tag	Nacht			Tag	Nacht											Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht		
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)	dB(A)			
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	37.7	60.2	59.6	0.0	129.4	3.0	0.0	0.0	0.0	3.3	-58.4	-4.1	-0.3	-9.7	-1.0	-1.6	0.0	0.0	1.9	0.9	-1.6	
Anlieferung	LW-P	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	162.1	3.0	0.0	0.0	0.0	0.0	-55.3	-4.3	-0.3	-20.7	5.4	0.0	-9.0	0.0	0.0	-3.6	0.0	
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	199.6	3.0	0.0	0.0	0.0	0.0	-55.1	-4.2	-0.3	-20.8	17.6	0.0	-9.0	0.0	0.0	8.6	0.0	
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	79.0	3.0	0.0	0.0	0.0	0.0	-49.0	-3.3	-0.2	-21.5	24.0	0.0	-9.0	0.0	0.0	15.0	0.0	
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	167.3	3.0	0.0	0.0	0.0	0.0	-55.8	-4.3	-0.3	-20.7	-8.8	0.0	0.0	0.0	1.9	-6.9	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	161.3	3.0	0.0	0.0	0.0	0.0	-55.9	-4.3	-0.3	-20.7	-3.1	0.0	0.0	0.0	1.9	-1.2	0.0	
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	57.8	3.0	0.0	0.0	0.0	0.0	-48.5	-3.3	-0.1	-2.3	33.6	0.0	-9.0	0.0	0.0	24.6	0.0	
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	54.4	3.0	0.0	0.0	0.0	1.6	-45.1	-2.8	-0.1	-2.0	27.6	0.0	0.0	0.0	1.9	29.5	0.0	
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	169.4	3.0	0.0	0.0	0.0	2.5	-55.9	-4.3	-0.3	-20.7	-4.7	0.0	0.0	0.0	1.9	-2.8	0.0	
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	62.3	3.0	0.0	0.0	0.0	0.4	-47.1	-3.1	-0.1	-1.7	22.4	0.0	0.0	0.0	1.9	24.3	0.0	
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	141.0	3.0	0.0	0.0	0.0	3.5	-54.8	-4.2	-0.3	-15.5	10.0	9.3	0.0	0.0	1.9	11.9	9.3	
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	141.0	3.0	0.0	0.0	0.0	3.5	-54.8	-4.2	-0.3	-15.5	11.7	0.0	-4.3	0.0	3.0	10.4	0.0	
EGFP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	37.0	3.0	0.0	0.0	0.0	0.0	-49.9	-1.7	-0.1	-3.3	26.2	25.5	0.0	0.0	1.9	28.1	25.5	
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	72.2	3.0	0.0	0.0	0.0	0.0	-49.7	-3.6	-0.2	-3.3	21.0	20.4	0.0	0.0	1.9	29.7	20.4	
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	35.9	3.0	0.0	0.0	0.0	0.6	-44.2	-2.4	-0.1	-5.1	27.8	27.2	0.0	0.0	1.9	29.7	27.2	
EinAusfahrt Rest. RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	36.2	3.0	0.0	0.0	0.0	0.7	-44.3	-2.4	-0.1	-5.1	32.3	0.0	-4.3	0.0	3.0	31.0	0.0	
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	76.5	3.0	0.0	0.0	0.0	0.0	-49.7	-3.6	-0.2	-3.7	25.2	0.0	-4.3	0.0	3.0	23.9	0.0	
Einr Auf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	76.6	3.0	0.0	0.0	0.0	0.3	-50.2	-3.8	-0.2	-12.3	10.4	10.4	0.0	0.0	1.9	12.3	10.4	
LW Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	121.6	3.0	0.0	0.0	0.0	2.0	-52.2	-4.3	-0.3	-20.7	1.6	0.0	-6.0	0.0	0.0	-4.4	0.0	
LW Anlieferung RH	LW-RH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	65.9	3.0	0.0	0.0	0.0	0.1	-50.6	-3.8	-0.2	-7.0	26.9	0.0	-9.0	0.0	0.0	17.9	0.0	
LW Anlieferung RH P	LW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	88.6	3.0	0.0	0.0	0.0	0.0	-49.3	-3.6	-0.2	-21.4	11.5	0.0	-9.0	0.0	0.0	2.5	0.0	
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	73.3	0.0	0.0	169.6	3.0	0.0	0.0	0.0	0.0	-55.8	-4.3	-0.3	-20.7	0.2	0.0	0.0	0.0	1.9	21.1	0.0	
PAuffahrt Rührrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	52.7	3.0	0.0	0.0	0.0	1.5	-45.1	-2.8	-0.1	-2.0	32.5	0.0	0.0	0.0	1.9	34.4	0.0	
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	126.3	3.0	0.0	0.0	0.0	4.2	-53.0	-3.8	-0.2	-7.7	12.5	12.5	-3.0	-3.0	1.9	11.4	9.5	
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	26.5	2.9	0.0	0.0	0.0	1.0	-39.5	0.0	0.0	0.0	1.1	28.2	28.2	-3.0	-3.0	1.9	27.1	25.2
Tor RS Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	139.9	6.0	0.0	0.0	0.0	8.8	-53.9	-4.1	-0.3	-20.9	7.1	6.4	0.0	0.0	1.9	9.0	6.4	
Tor RS Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	139.9	6.0	0.0	0.0	0.0	8.8	-53.9	-4.1	-0.3	-20.9	8.9	0.0	-4.3	0.0	3.0	7.6	0.0	
Tor RS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	33.8	5.9	0.0	0.0	0.0	9.2	-41.6	0.0	-0.1	-22.0	24.4	23.7	0.0	0.0	1.9	26.3	23.7	
Tor RS RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	33.8	5.9	0.0	0.0	0.0	9.2	-41.6	0.0	-0.1	-22.0	28.9	0.0	-4.3	0.0	3.0	27.6	0.0	
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	73.6	6.0	0.0	0.0	0.0	0.0	-48.3	-3.2	-0.1	-21.9	-0.3	-0.3	0.0	0.0	1.9	1.6	-0.3	

Projekt:
Tabelle 11 verk. tags Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : T001 2.05 V04WFS - GB.: WALTERSRADE 1 <D>D-1
Lage des Aufpunktes : X= 412.154 km Y= 6041.588 km Z= 33.42 m
Tag Nacht
Immission : 42.0 dB(A) 34.3 dB(A)

Emission Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Fomell	min. ds	Dc	Df	Drefl	mittlere Werte für						L A T		Zeitzuschläge		Lm			
		Tag	Nacht			Tag	Nacht						Drefl	Activ	Agr	Atm	Aur	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	37.7	60.2	59.6	0.0	129.5	3.0	0.0	0.0	0.0	1.1	-53.3	-3.7	-0.3	-2.1	4.9	4.3	0.0	0.0	1.9	6.8	4.3
Anlieferung	LW-P	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	162.1	3.0	0.0	0.0	0.0	0.0	-55.3	-3.9	-0.3	-21.1	5.4	0.0	-9.0	0.0	0.0	-3.6	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	199.7	3.0	0.0	0.0	0.0	0.0	-55.1	-3.8	-0.3	-21.2	17.6	0.0	-9.0	0.0	0.0	8.6	0.0
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	79.1	3.0	0.0	0.0	0.0	0.0	-49.0	-2.6	-0.1	-21.5	24.7	0.0	-9.0	0.0	0.0	15.7	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	167.4	3.0	0.0	0.0	0.0	0.0	-55.8	-4.0	-0.3	-21.0	-8.8	0.0	0.0	0.0	1.9	-6.9	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	161.3	3.0	0.0	0.0	0.0	0.0	-55.9	-4.0	-0.3	-21.0	-3.1	0.0	0.0	0.0	1.9	-1.2	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	125.1	83.6	0.0	0.0	58.2	3.0	0.0	0.0	0.0	0.9	-48.4	-2.3	-0.1	-0.7	35.0	0.0	-9.0	0.0	0.0	27.0	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	54.5	3.0	0.0	0.0	0.0	1.8	-45.1	-1.8	-0.1	-0.8	30.0	0.0	0.0	0.0	1.9	31.9	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	169.5	3.0	0.0	0.0	0.0	2.5	-55.9	-4.0	-0.3	-21.0	-4.7	0.0	0.0	0.0	1.9	-2.8	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	62.4	3.0	0.0	0.0	0.0	0.7	-47.2	-2.1	-0.1	-0.9	25.3	0.0	0.0	0.0	1.9	27.2	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	141.1	3.0	0.0	0.0	0.0	1.8	-55.0	-3.8	-0.3	-8.6	15.4	14.7	0.0	0.0	1.9	17.3	14.7
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	141.1	3.0	0.0	0.0	0.0	1.8	-55.0	-3.8	-0.3	-8.6	17.1	0.0	-4.3	0.0	3.0	15.8	0.0
EGFP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	37.2	3.0	0.0	0.0	0.0	0.0	-44.0	-0.6	-0.1	-2.9	27.6	26.9	0.0	0.0	1.9	29.5	26.9
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	72.3	3.0	0.0	0.0	0.0	0.9	-49.8	-2.9	-0.2	-2.3	27.7	22.1	0.0	0.0	1.9	24.6	22.1
EinAusfahrt RH	EA-RH-D	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	35.1	3.0	0.0	0.0	0.0	0.9	-44.3	-1.3	-0.1	-3.8	30.4	29.8	0.0	0.0	1.9	32.3	29.8
EinAusfahrt Rest RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	38.3	3.0	0.0	0.0	0.0	1.0	-44.3	-1.3	-0.1	-3.8	35.0	0.0	-4.3	0.0	3.0	33.7	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	7.6	6.0	0.0	0.0	0.0	0.1	-49.8	-2.9	-0.2	-2.7	26.9	0.0	-4.3	0.0	3.0	25.6	0.0
Einf Ausf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	7.7	6.0	0.0	0.0	0.0	0.7	-50.1	-3.2	-0.2	-12.0	11.7	11.7	0.0	0.0	1.9	13.6	11.7
LW-Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	172.2	3.0	0.0	0.0	0.0	2.1	-53.3	-4.0	-0.3	-21.0	1.6	0.0	-6.0	0.0	0.0	-4.4	0.0
LW-Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	85.8	3.0	0.0	0.0	0.0	0.3	-50.6	-3.3	-0.2	-6.4	28.2	0.0	-9.0	0.0	0.0	19.2	0.0
LW-Anlieferung RH P	LW-RH-P	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	88.7	3.0	0.0	0.0	0.0	0.0	-49.3	-2.9	-0.2	-22.1	11.5	0.0	-9.0	0.0	0.0	2.5	0.0
PAuffahrt Kurhotel	KH-Orckdn	62.0	0.0	lw	2.0	42.1	78.3	0.0	0.0	199.7	3.0	0.0	0.0	0.0	0.0	-55.8	-4.0	-0.3	-21.1	0.2	0.0	0.0	0.0	1.9	2.1	0.0
PAuffahrt Rgrhofe	KH-Orckdn	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	52.9	3.0	0.0	0.0	0.0	1.8	-45.1	-1.7	-0.1	-1.0	34.9	0.0	0.0	0.0	1.9	35.8	0.0
RH-Wüfung	RH-B-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.3	3.0	0.0	0.0	0.0	1.3	-53.0	-3.3	-0.3	-1.5	16.3	16.3	-3.0	-3.0	1.9	15.2	13.3
RH-Wüfung RH	RH-B-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	25.4	2.0	0.0	0.0	0.0	0.0	-39.4	0.0	0.0	-2.7	39.6	39.6	-3.0	-3.0	1.9	29.5	27.6
Tor RH Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	140.0	6.0	0.0	0.0	0.0	6.9	-53.9	-3.7	-0.3	-16.3	10.2	9.5	0.0	0.0	1.9	12.1	9.5
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	140.0	6.0	0.0	0.0	0.0	6.9	-53.9	-3.7	-0.3	-16.3	12.0	0.0	-4.3	0.0	3.0	10.7	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	33.9	5.8	0.0	0.0	0.0	7.3	-41.6	0.0	-0.1	-17.5	26.9	26.2	0.0	0.0	1.9	28.8	26.2
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	33.9	5.8	0.0	0.0	0.0	7.3	-41.6	0.0	-0.1	-17.5	31.4	0.0	-4.3	0.0	3.0	30.1	0.0
Tor TG RHotel	TG-RHotel	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	73.6	6.0	0.0	0.0	0.0	0.0	-48.3	-2.4	-0.1	-22.7	-0.3	-0.3	0.0	0.0	1.9	1.6	-0.3

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1002 EG V04/P05 - GB.: WALTERSRADE 1 <D>D-2
Lage des Aufpunktes : X= 412.1588 km Y= 6041.5948 km Z= 28.36 m
Tag Nacht
Immission : 39.2 dB(A) 31.6 dB(A)

Emission		mittlere Werte für										L A T		Zeitzuschläge				Lm								
Emissions- Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Fomell	min. ds	Dc	DI	Qref	mittlere Werte für						Tag	Nacht	KEZ	HR	Tag	Nacht	Lm (L A T + KEZ)	
		Tag	Nacht			Tag	Nacht						Drefl	Activ	Ag	Atm	Ator	Tag								Nacht
		dB(A)	dB(A)		/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PL-KH	44.4	43.8	lw'	2.0	37.7	60.2	59.6	0.0	127.1	3.0	0.0	0.0	0.0	4.0	-53.5	-4.4	-0.2	-14.2	-5.0	-5.6	0.0	0.0	1.9	-3.1	-5.6
Anlieferung	LW-P	69.2	0.0	lw'	2.0	23.7	83.0	0.0	0.0	158.6	3.0	0.0	0.0	0.0	0.0	-55.1	-4.6	-0.3	-20.4	5.6	0.0	-9.0	0.0	0.0	-3.4	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	155.0	3.0	0.0	0.0	0.0	0.0	-54.9	-4.5	-0.3	-20.4	17.9	0.0	-9.0	0.0	0.0	8.9	0.0
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	72.6	3.0	0.0	0.0	0.0	2.1	-48.2	-4.0	-0.1	-21.1	25.7	0.0	-9.0	0.0	0.0	17.7	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	163.2	3.0	0.0	0.0	0.0	0.0	-55.6	-4.6	-0.3	-20.5	-8.6	0.0	0.0	0.0	1.9	6.7	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	156.6	3.0	0.0	0.0	0.0	0.9	-55.6	-4.6	-0.3	-20.4	-1.9	0.0	0.0	0.0	1.9	0.0	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	51.2	3.0	0.0	0.0	0.0	1.0	-47.6	-4.1	-0.1	-3.2	33.1	0.0	-9.0	0.0	0.0	24.1	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	47.6	3.0	0.0	0.0	0.0	1.8	-45.0	-3.8	-0.1	-3.3	26.6	0.0	0.0	0.0	1.9	28.5	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	165.0	3.0	0.0	0.0	0.0	2.4	-55.7	-4.6	-0.3	-20.4	-4.6	0.0	0.0	0.0	1.9	-2.7	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	55.2	3.0	0.0	0.0	0.0	0.3	-46.1	-3.9	-0.1	-2.6	21.6	0.0	0.0	0.0	1.9	23.5	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	139.3	3.0	0.0	0.0	0.0	3.0	-54.8	-4.5	-0.3	-18.2	6.5	5.8	0.0	0.0	1.9	8.4	5.8
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	139.3	3.0	0.0	0.0	0.0	3.0	-54.8	-4.5	-0.3	-18.2	8.2	0.0	-4.3	0.0	3.0	6.9	0.0
EGFP	PL	44.6	43.9	lw'	2.0	59.2	72.2	71.5	0.0	29.8	3.0	0.0	0.0	0.0	0.0	-42.3	-2.7	-0.1	-4.4	25.7	25.0	0.0	0.0	1.9	27.6	25.0
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	71.3	3.0	0.0	0.0	0.0	0.1	-40.0	-4.3	-0.1	-3.8	20.7	20.1	0.0	0.0	1.9	22.6	20.1
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	29.8	3.0	0.0	0.0	0.0	1.1	-41.1	-3.2	-0.1	-5.6	28.1	27.5	0.0	0.0	1.9	30.0	27.5
EinAusfahrt Rest. RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	30.1	3.0	0.0	0.0	0.0	1.2	-43.3	-3.2	-0.1	-5.6	32.5	0.0	-4.3	0.0	3.0	31.2	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	70.7	3.0	0.0	0.0	0.0	0.1	-40.0	-4.3	-0.1	-4.2	24.9	0.0	-4.3	0.0	3.0	23.6	0.0
Einr Auf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	70.2	3.0	0.0	0.0	0.0	0.6	-40.6	-4.3	-0.2	-12.3	10.8	10.8	0.0	0.0	1.9	12.7	10.8
LW Anlieferung	LW	63.0	0.0	lw	1.0	32.5	73.1	0.0	0.0	169.9	3.0	0.0	0.0	0.0	0.2	-56.0	-4.6	-0.3	-20.4	0.0	0.0	-6.0	0.0	0.0	-6.0	0.0
LW Anlieferung RH	LW-RH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	78.5	3.0	0.0	0.0	0.0	0.3	-49.9	-4.4	-0.2	-7.5	26.7	0.0	-9.0	0.0	0.0	17.7	0.0
LW Anlieferung RH P	LW-RHP	70.2	0.0	lw'	2.0	19.2	83.0	0.0	0.0	74.3	3.0	0.0	0.0	0.0	1.2	-48.7	-4.3	-0.1	-20.8	13.3	0.0	-9.0	0.0	0.0	4.3	0.0
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	73.3	0.0	0.0	165.0	3.0	0.0	0.0	0.0	0.0	-55.5	-4.6	-0.3	-20.4	0.5	0.0	0.0	0.0	1.9	2.4	0.0
PAuffahrt Rürgerrote	RH-Checkin	62.7	0.0	lw'	2.0	42.7	79.0	0.0	0.0	46.0	3.0	0.0	0.0	0.0	1.7	-45.0	-3.7	-0.1	-3.4	31.5	0.0	0.0	0.0	1.9	33.4	0.0
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.8	3.0	0.0	0.0	0.0	4.8	-53.0	-4.1	-0.2	-13.3	7.2	7.2	-3.0	-3.0	1.9	6.1	4.2
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	25.1	3.0	0.0	0.0	0.0	1.7	-39.0	-1.9	0.0	-8.5	25.3	25.3	-3.0	-3.0	1.9	24.2	22.3
Tor RS Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	135.5	6.0	0.0	0.0	0.0	6.8	-53.8	-4.4	-0.3	-20.5	5.3	4.6	0.0	0.0	1.9	7.2	4.6
Tor RS Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	135.5	6.0	0.0	0.0	0.0	6.8	-53.8	-4.4	-0.3	-20.5	7.1	0.0	-4.3	0.0	3.0	5.8	0.0
Tor RS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	28.4	6.0	0.0	0.0	0.0	4.1	-40.1	-0.3	-0.1	-17.7	24.9	24.2	0.0	0.0	1.9	26.8	24.2
Tor RS RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	28.4	6.0	0.0	0.0	0.0	4.1	-40.1	-0.3	-0.1	-17.7	29.4	0.0	-4.3	0.0	3.0	28.1	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	67.2	6.0	0.0	0.0	0.0	0.0	-47.5	-3.9	-0.1	-21.2	0.5	0.5	0.0	0.0	1.9	2.4	0.5

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1002 1.05 V04/P05 - GB.: WALTERSRADE 1 <D>D-2
Lage des Aufpunktes : X= 412.1588 km Y= 6041.5948 km Z= 31.16 m
Tag Nacht
Immission : 41.5 dB(A) 34.1 dB(A)

Emission		mittlere Werte für										L A T		Zeitzuschläge				Lm								
Emissions- Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Fomell	min. ds	Dc	Df	Dref	Qref		Activ	Ag	Atm	Ator	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht
		Tag	Nacht			Tag	Nacht						Tag	Nacht												
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)
6 Stellpl. KH	PL-KH	44.4	43.8	lw'	2.0	37.7	60.2	59.6	0.0	127.2	3.0	0.0	0.0	0.0	3.1	-53.4	-4.0	-0.2	-8.2	0.5	-0.1	0.0	0.0	1.9	2.4	-0.1
Anlieferung	LW-P	69.2	0.0	lw'	2.0	23.7	83.0	0.0	0.0	158.6	3.0	0.0	0.0	0.0	0.0	-55.1	-4.2	-0.3	-20.8	5.6	0.0	-9.0	0.0	0.0	-3.4	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	155.1	3.0	0.0	0.0	0.0	0.0	-54.9	-4.1	-0.3	-20.9	17.8	0.0	-9.0	0.0	0.0	8.8	0.0
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	72.6	3.0	0.0	0.0	0.0	2.1	-48.2	-3.2	-0.1	-20.9	27.7	0.0	-9.0	0.0	0.0	18.7	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	163.2	3.0	0.0	0.0	0.0	0.0	-55.6	-4.3	-0.3	-20.8	-8.6	0.0	0.0	0.0	1.9	-6.7	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	155.6	3.0	0.0	0.0	0.0	1.4	-55.7	-4.3	-0.3	-20.7	-1.5	0.0	0.0	0.0	1.9	0.4	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	117.7	83.7	0.0	0.0	46.2	3.0	0.0	0.0	0.0	1.0	-47.4	-3.0	-0.1	-2.0	35.2	0.0	-9.0	0.0	0.0	26.2	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	47.6	3.0	0.0	0.0	0.0	1.8	-45.0	-2.5	-0.1	-2.3	28.9	0.0	0.0	0.0	1.9	30.8	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	165.0	3.0	0.0	0.0	0.0	2.4	-55.7	-4.3	-0.3	-20.7	-4.6	0.0	0.0	0.0	1.9	-2.7	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	55.1	3.0	0.0	0.0	0.0	0.6	-46.0	-2.8	-0.1	-1.7	24.0	0.0	0.0	0.0	1.9	25.9	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	139.4	3.0	0.0	0.0	0.0	3.2	-54.8	-4.1	-0.3	-14.1	11.2	10.5	0.0	0.0	1.9	13.1	10.5
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	139.4	3.0	0.0	0.0	0.0	3.2	-54.8	-4.1	-0.3	-14.1	12.9	0.0	-4.3	0.0	3.0	11.6	0.0
EGFP	PL	44.6	43.9	lw'	2.0	59.2	72.2	71.5	0.0	29.8	3.0	0.0	0.0	0.0	0.1	-42.3	-0.9	-0.1	-4.0	28.0	27.3	0.0	0.0	1.9	29.9	27.3
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	65.2	3.0	0.0	0.0	0.0	0.1	-40.1	-3.5	-0.1	-2.1	23.1	22.5	0.0	0.0	1.9	25.0	22.5
Einfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	29.8	3.0	0.0	0.0	0.0	1.2	-42.8	-1.8	-0.1	-4.8	30.7	30.1	0.0	0.0	1.9	32.6	30.1
Einfahrt Rest. RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	30.0	3.0	0.0	0.0	0.0	1.3	-42.9	-1.8	-0.1	-4.9	31.0	0.0	-4.3	0.0	3.0	33.8	0.0
Einfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	70.7	3.0	0.0	0.0	0.0	0.1	-42.0	-3.5	-0.1	-2.5	27.4	0.0	-4.3	0.0	3.0	26.1	0.0
Einf. Auf TG	EA-TG	56.8	56.8	lw	1.0	42.2	73.6	73.6	0.0	70.1	3.0	0.0	0.0	0.0	0.8	-40.5	-3.7	-0.2	-10.5	13.5	13.5	0.0	0.0	1.9	15.4	13.5
LW-Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	170.0	3.0	0.0	0.0	0.0	1.9	-55.1	-4.3	-0.3	-20.7	1.6	0.0	-6.0	0.0	0.0	-4.4	0.0
LW-Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	78.5	3.0	0.0	0.0	0.0	0.4	-40.8	-3.7	-0.2	-5.8	29.1	0.0	-9.0	0.0	0.0	20.1	0.0
LW-Anlieferung RH P	LW-RHP	70.2	0.0	lw'	2.0	19.2	83.0	0.0	0.0	74.2	3.0	0.0	0.0	0.0	1.4	-46.6	-3.5	-0.1	-21.5	13.6	0.0	-9.0	0.0	0.0	4.6	0.0
PAuffahrt Kurhotel	KH-Ordin	62.0	0.0	lw	2.0	43.1	73.3	0.0	0.0	155.0	3.0	0.0	0.0	0.0	0.0	-55.5	-4.3	-0.3	-20.7	0.5	0.0	0.0	0.0	1.9	2.4	0.0
PAuffahrt Rgrate	EA-Ordin	62.7	0.0	lw'	2.0	42.7	79.0	0.0	0.0	46.0	3.0	0.0	0.0	0.0	1.6	-45.0	-2.4	-0.1	-2.3	33.8	0.0	0.0	0.0	1.9	35.7	0.0
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.8	3.0	0.0	0.0	0.0	3.7	-53.0	-3.7	-0.2	-5.5	14.3	14.3	-3.0	-3.0	1.9	13.2	11.3
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	24.7	2.9	0.0	0.0	0.0	0.7	-33.9	0.0	0.0	-5.3	29.4	29.4	-3.0	-3.0	1.9	28.3	26.4
Tor RS Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	138.6	6.0	0.0	0.0	0.0	9.2	-53.8	-4.0	-0.3	-21.0	7.6	6.9	0.0	0.0	1.9	9.5	6.9
Tor RS Kurhotel. Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	138.6	6.0	0.0	0.0	0.0	9.2	-53.8	-4.0	-0.3	-21.0	9.4	0.0	-4.3	0.0	3.0	8.1	0.0
Tor RS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	28.4	5.9	0.0	0.0	0.0	5.1	-40.1	0.0	-0.1	-17.5	23.3	25.6	0.0	0.0	1.9	28.2	25.6
Tor RS RHotel. Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	28.4	5.9	0.0	0.0	0.0	5.1	-40.1	0.0	-0.1	-17.5	30.8	0.0	-4.3	0.0	3.0	29.5	0.0
Tor TG RHotel	TG-RH	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	67.1	6.0	0.0	0.0	0.0	0.0	-47.5	-3.0	-0.1	-22.1	0.5	0.5	0.0	0.0	1.9	2.4	0.0

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1002 2.00 V04WFS - GB.: WALTERSRADE 1 <D>D-2
Lage des Aufpunktes : X= 412.1588 km Y= 6041.5948 km Z= 33.96 m
Tag Nacht
Immission : 44.8 dB(A) 37.6 dB(A)

Einheit Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Formel	min. ds	Dc	DI	Qnet		mittlere Werte für								L A T		Zeitzuschläge				Lm (L A F + C 24 R)		
		Tag	Nacht			Tag	Nacht					Dref	Activ	Agr	Atm	Aor	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)				
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2,0	37,7	60,2	59,6	0,0	127,3	3,0	0,0	0,0	0,0	0,0	-53,4	-3,6	-0,2	-1,5	4,5	3,9	0,0	0,0	1,9	6,4	3,9				
Anlieferung	LW-P	69,2	0,0	lw	2,0	23,7	83,0	0,0	0,0	158,7	3,0	0,0	0,0	0,0	0,0	-55,1	-3,9	-0,3	-21,1	5,6	0,0	-9,0	0,0	0,0	-3,4	0,0				
Anlieferung	Ladn	95,0	0,0	lw	0,0	1,0	95,0	0,0	0,0	155,1	3,0	0,0	0,0	0,0	0,0	-54,9	-3,8	-0,3	-21,2	17,8	0,0	-9,0	0,0	0,0	8,8	0,0				
Anlieferung RH Ladn	RH-Ladn	95,0	0,0	lw	0,0	1,0	95,0	0,0	0,0	72,6	3,0	0,0	0,0	0,0	0,0	-48,2	-2,4	-0,1	-21,0	25,3	0,0	-9,0	0,0	0,0	17,3	0,0				
Auffahrt Kurhotel	Auf-KH	57,3	0,0	lw	1,0	15,7	69,3	0,0	0,0	163,3	3,0	0,0	0,0	0,0	0,0	-55,6	-4,0	-0,3	-21,1	-8,6	0,0	0,0	0,0	1,9	-6,7	0,0				
Auffahrt Rampe	Rampen-KH	60,0	0,0	lw	1,0	32,6	75,1	0,0	0,0	155,7	3,0	0,0	0,0	0,0	0,0	-55,7	-4,0	-0,3	-21,0	-2,9	0,0	0,0	0,0	1,9	-1,0	0,0				
BUS Einfahrt RH	BUS-RHE	63,0	0,0	lw	1,0	115,1	83,6	0,0	0,0	51,4	3,0	0,0	0,0	0,0	0,0	1,1	-47,5	-1,9	-0,1	-0,4	37,8	0,0	-9,0	0,0	0,0	28,8	0,0			
Bus EA	RH-Bus-EA	59,0	0,0	lw	2,0	31,5	74,0	0,0	0,0	47,8	3,0	0,0	0,0	0,0	0,0	1,7	-45,2	-1,2	-0,1	0,0	32,2	0,0	0,0	0,0	1,9	34,1	0,0			
Bustellplätze	KH-Bus	52,5	0,0	lw	2,0	70,8	71,0	0,0	0,0	165,1	3,0	0,0	0,0	0,0	0,0	2,4	-55,7	-4,0	-0,3	-21,0	-4,6	0,0	0,0	0,0	1,9	-2,7	0,0			
Bustellplätze	RH-Bus	52,0	0,0	lw	2,0	80,7	71,0	0,0	0,0	55,2	3,0	0,0	0,0	0,0	0,0	0,8	-46,2	-1,7	-0,1	0,0	26,8	0,0	0,0	0,0	1,9	28,7	0,0			
EA Kurhotel	EA-KH	58,9	58,2	lw	1,0	87,5	73,3	77,6	0,0	139,5	3,0	0,0	0,0	0,0	0,0	1,6	-54,8	-3,8	-0,3	-8,3	15,7	15,0	0,0	0,0	1,9	17,6	15,0			
EA Kurhotel Restaura	EA-RKH	60,6	0,0	lw	1,0	87,5	80,0	0,0	0,0	139,5	3,0	0,0	0,0	0,0	0,0	1,6	-54,8	-3,8	-0,3	-8,3	17,4	0,0	-4,3	0,0	3,0	16,1	0,0			
EGFP	PL	44,6	43,9	lw	2,0	59,2	72,2	71,5	0,0	30,0	2,9	0,0	0,0	0,0	0,0	0,1	-42,4	-0,2	-0,1	-0,9	31,6	30,9	0,0	0,0	1,9	33,5	30,9			
EinAus RH	EA-RH	59,5	58,9	lw	1,0	33,6	74,8	74,2	0,0	65,3	3,0	0,0	0,0	0,0	0,0	0,1	-40,1	-2,7	-0,1	-1,4	24,6	24,0	0,0	0,0	1,9	26,5	24,0			
EinAusfahrt RH	EA-RHD	59,5	58,9	lw	1,0	44,5	76,0	75,4	0,0	32,5	3,0	0,0	0,0	0,0	0,0	1,2	-43,3	-0,6	-0,1	-2,0	34,2	33,6	0,0	0,0	1,9	35,1	33,6			
EinAusfahrt Rest. RH	EA-RH-D	64,0	0,0	lw	1,0	44,3	89,5	0,0	0,0	32,6	3,0	0,0	0,0	0,0	0,0	1,3	-43,4	-0,6	-0,1	-2,1	36,3	0,0	-4,3	0,0	3,0	37,3	0,0			
EinAusfahrt Restau	EA-RH	64,0	0,0	lw	1,0	34,8	79,4	0,0	0,0	70,8	3,0	0,0	0,0	0,0	0,0	0,1	-40,2	-2,7	-0,1	-1,7	28,8	0,0	-4,3	0,0	3,0	27,5	0,0			
Einr Auf TG	EA-TG	55,8	55,8	lw	1,0	48,2	73,6	73,6	0,0	70,2	3,0	0,0	0,0	0,0	0,0	0,9	-40,4	-3,1	-0,2	-10,4	14,4	14,4	0,0	0,0	1,9	16,3	14,4			
LW Anlieferung	LW	63,0	0,0	lw	1,0	30,6	77,9	0,0	0,0	101,1	3,0	0,0	0,0	0,0	0,0	1,7	-55,1	-4,0	-0,3	-21,0	1,2	0,0	-6,0	0,0	0,0	-4,8	0,0			
LW Anlieferung RH	LW-RH	65,0	0,0	lw	1,0	87,6	85,4	0,0	0,0	89,9	3,0	0,0	0,0	0,0	0,0	0,0	-49,9	-3,1	-0,2	-5,7	29,5	0,0	-9,0	0,0	0,0	20,5	0,0			
LW Anlieferung RH P	LW-RH-P	70,2	0,0	lw	2,0	19,2	83,0	0,0	0,0	74,3	3,0	0,0	0,0	0,0	0,0	0,0	-48,7	-2,7	-0,1	-22,3	12,2	0,0	-9,0	0,0	0,0	3,2	0,0			
PAuffahrt Kurhotel	KH-Ordn	62,0	0,0	lw	2,0	43,1	73,3	0,0	0,0	155,0	3,0	0,0	0,0	0,0	0,0	0,0	-55,5	-3,9	-0,3	-21,1	0,5	0,0	0,0	0,0	1,9	2,4	0,0			
PAuffahrt Rürgerrote	RH-Ordn	62,7	0,0	lw	2,0	42,7	79,0	0,0	0,0	46,2	3,0	0,0	0,0	0,0	0,0	1,6	-45,1	-1,1	-0,1	0,0	37,3	0,0	0,0	0,0	1,9	39,2	0,0			
RS-Lüftung	RS-Luft	70,0	70,0	lw	0,0	1,0	70,0	70,0	0,0	125,8	3,0	0,0	0,0	0,0	0,0	1,4	-53,0	-3,2	-0,3	-1,4	16,6	16,6	-3,0	-3,0	1,9	15,5	13,6			
RS-Lüftung RH	RS-Luft	70,0	70,0	lw	0,0	1,0	70,0	70,0	0,0	24,6	2,8	0,0	0,0	0,0	0,0	0,0	-38,8	0,0	-0,1	0,0	33,9	33,9	-3,0	-3,0	1,9	32,8	30,9			
Tor RS Kurhotel	RH-Tor	71,5	70,8	lw	0,0	1,0	71,5	70,8	0,0	138,7	6,0	0,0	0,0	0,0	0,0	5,3	-53,8	-3,6	-0,3	-14,1	11,0	10,3	0,0	0,0	1,9	12,9	10,3			
Tor RS Kurhotel Res	RH-Tor-R	73,3	0,0	lw	0,0	1,0	73,3	0,0	0,0	138,7	6,0	0,0	0,0	0,0	0,0	5,3	-53,8	-3,6	-0,3	-14,1	12,8	0,0	-4,3	0,0	3,0	11,5	0,0			
Tor RS RHotel	RH-Tor	73,0	72,3	lw	0,0	1,0	73,0	72,3	0,0	28,6	5,8	0,0	0,0	0,0	0,0	5,4	-40,1	0,0	-0,1	-55,3	28,7	28,0	0,0	0,0	1,9	30,6	28,0			
Tor RS RHotel Rest	RH-Tor-R	77,5	0,0	lw	0,0	1,0	77,5	0,0	0,0	28,6	5,8	0,0	0,0	0,0	0,0	5,4	-40,1	0,0	-0,1	-55,3	33,2	0,0	-4,3	0,0	3,0	31,9	0,0			
Tor TG RHotel	TG-Tor	67,2	67,2	lw	0,0	1,0	67,2	67,2	0,0	67,2	6,0	0,0	0,0	0,0	0,0	0,0	-47,5	-2,1	-0,1	-23,0	0,5	0,5	0,0	0,0	1,9	2,4	0,5			

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1008 EG V04WFS - GB.: WALTERSRADE 1 <D>D-3
Lage des Aufpunktes : X= 412.1473 km Y= 6041.6888 km Z= 28.90 m
Tag Nacht
Immission : 40.8 dB(A) 33.2 dB(A)

Emissions- Name	Ident.	Emission		RQ	Anz./A/EI	Lwges		Korr. Fomell	min. ds	Dc	Df	Dref	mittlere Werte für								L A T		Zeitzuschläge		Lm	
		Tag	Nacht			Tag	Nacht						Tag	Nacht	Dref	Activ	Ag	Atm	Aor	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	37.7	60.2	59.6	0.0	125.9	3.0	0.0	0.0	0.0	1.2	-53.2	-4.5	-0.2	-12.9	-6.4	-7.0	0.0	0.0	1.9	-4.5	-7.0
Anlieferung	LW-P	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	155.5	3.0	0.0	0.0	0.0	0.0	-55.0	-4.5	-0.3	-20.5	5.7	0.0	-9.0	0.0	0.0	-3.3	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	152.9	3.0	0.0	0.0	0.0	0.0	-54.7	-4.4	-0.3	-20.6	18.0	0.0	-9.0	0.0	0.0	9.0	0.0
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	66.6	3.0	0.0	0.0	0.0	2.1	-47.5	-3.9	-0.1	-21.1	27.5	0.0	-9.0	0.0	0.0	18.5	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	159.2	3.0	0.0	0.0	0.0	0.0	-55.4	-4.6	-0.3	-20.4	-8.4	0.0	0.0	0.0	1.9	-6.5	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	152.3	3.0	0.0	0.0	0.0	1.7	-55.4	-4.6	-0.3	-20.4	-0.9	0.0	0.0	0.0	1.9	1.0	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	44.8	3.0	0.0	0.0	0.0	1.3	-46.6	-3.9	-0.1	-3.0	34.7	0.0	-9.0	0.0	0.0	25.7	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	41.3	3.0	0.0	0.0	0.0	2.0	-43.8	-3.5	-0.1	-3.5	28.1	0.0	0.0	0.0	1.9	30.0	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	163.0	3.0	0.0	0.0	0.0	2.1	-55.5	-4.5	-0.3	-20.5	-4.7	0.0	0.0	0.0	1.9	-2.8	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	48.2	3.0	0.0	0.0	0.0	0.5	-44.9	-3.7	-0.1	-2.8	23.0	0.0	0.0	0.0	1.9	24.9	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	138.1	3.0	0.0	0.0	0.0	1.5	-54.7	-4.5	-0.3	-17.4	5.9	5.2	0.0	0.0	1.9	7.8	5.2
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	138.1	3.0	0.0	0.0	0.0	1.5	-54.7	-4.5	-0.3	-17.4	7.6	0.0	-4.3	0.0	3.0	6.3	0.0
EGFP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	23.3	3.0	0.0	0.0	0.0	0.6	-40.2	-1.9	-0.1	-5.4	28.2	27.5	0.0	0.0	1.9	30.1	27.5
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	66.8	3.0	0.0	0.0	0.0	0.1	-43.3	-4.2	-0.1	-2.8	22.5	19.0	0.0	0.0	1.9	24.4	21.9
EinAusfahrt RH	EA-RH-D	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	24.9	3.0	0.0	0.0	0.0	1.2	-41.7	-2.6	-0.1	-5.5	30.3	29.7	0.0	0.0	1.9	32.2	29.7
EinAusfahrt Rest RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	25.1	3.0	0.0	0.0	0.0	1.3	-41.8	-2.7	-0.1	-5.4	34.8	0.0	-4.3	0.0	3.0	33.5	0.0
EinAusfahrt Restau	EA-RH-R	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	65.9	3.0	0.0	0.0	0.0	0.1	-48.3	-4.2	-0.1	-3.2	26.7	0.0	-4.3	0.0	3.0	25.4	0.0
Einf Ausf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	64.1	3.0	0.0	0.0	0.0	0.7	-49.9	-4.3	-0.2	-11.1	12.8	12.8	0.0	0.0	1.9	14.7	12.8
Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	165.5	3.0	0.0	0.0	0.0	0.3	-55.9	-4.5	-0.3	-20.5	0.2	0.0	-6.0	0.0	0.0	-5.8	0.0
LW Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	74.1	3.0	0.0	0.0	0.0	0.4	-40.3	-4.3	-0.2	-6.9	28.1	0.0	-9.0	0.0	0.0	19.1	0.0
LW Anlieferung RH P	LW-RH-P	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	68.4	3.0	0.0	0.0	0.0	1.8	-47.9	-4.2	-0.1	-20.8	14.7	0.0	-9.0	0.0	0.0	5.7	0.0
PAuffahrt Kurhotel	KH-Rackin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	161.1	3.0	0.0	0.0	0.0	0.0	-55.3	-4.6	-0.3	-20.4	0.7	0.0	0.0	0.0	1.9	2.6	0.0
PAuffahrt Rgrhofe	RH-Rackin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	39.7	3.0	0.0	0.0	0.0	2.2	-43.8	-3.5	-0.1	-3.5	33.3	0.0	0.0	0.0	1.9	35.2	0.0
RH-Wüfung	RH-B-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.7	3.0	0.0	0.0	0.0	4.7	-53.0	-4.0	-0.2	-12.1	8.4	8.4	-3.0	-3.0	1.9	7.3	5.4
RH-Wüfung RH	RH-B-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	25.2	3.0	0.0	0.0	0.0	0.5	-39.0	-1.9	0.0	-7.5	26.1	26.1	-3.0	-3.0	1.9	25.0	23.1
Tor RH Kurhotel	KH-Tor-R	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	137.6	6.0	0.0	0.0	0.0	5.8	-53.8	-4.4	-0.3	-20.5	4.3	3.6	0.0	0.0	1.9	6.2	3.6
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	137.6	6.0	0.0	0.0	0.0	5.8	-53.8	-4.4	-0.3	-20.5	6.1	0.0	-4.3	0.0	3.0	4.8	0.0
Tor RH Rhtel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	24.1	5.9	0.0	0.0	0.0	0.0	-38.6	0.0	0.0	-16.3	24.0	23.3	0.0	0.0	1.9	25.9	23.3
Tor RH Rhtel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	24.1	5.9	0.0	0.0	0.0	0.0	-38.6	0.0	0.0	-16.3	28.5	0.0	-4.3	0.0	3.0	27.2	0.0
Tor TG Rhtel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	61.2	6.0	0.0	0.0	0.0	0.0	-46.7	-3.8	-0.1	-21.2	1.4	1.4	0.0	0.0	1.9	1.3	1.4

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1088 1.06 V04WFS - GB.: WALTERSRADE 1 <D>30-3

Lage des Aufpunktes : X= 412.1473 km Y= 6041.6888 km Z= 31.70 m

Tag Nacht
Immission : 46.5 dB(A) 35.9 dB(A)

Emission Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Fomell	min. ds	Dc	Df	Drefl	Drefl	Activ	Ag	Atm	Aur	L AF		Zeitzuschläge		Lm				
		Tag	Nacht			Tag	Nacht											KZ	KR	Tag	Nacht	Tag	Nacht			
																								Tag	Nacht	Tag
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB(A)	dB(A)		
6 Stellpl. KH	PL-KH	44.4	43.8	lw'	2.0	37.7	69.2	59.6	0.0	126.0	3.0	0.0	0.0	0.0	1.2	-53.3	-4.1	-0.2	-6.2	0.7	0.1	0.0	0.0	1.9	2.6	0.1
Anlieferung	UKWP	69.2	0.0	lw'	2.0	23.7	83.0	0.0	0.0	155.5	3.0	0.0	0.0	0.0	0.0	-55.0	-4.2	-0.3	-20.9	5.7	0.0	-9.0	0.0	0.0	-3.3	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	152.9	3.0	0.0	0.0	0.0	0.0	-54.7	-4.1	-0.3	-20.9	10.0	0.0	-9.0	0.0	0.0	9.0	0.0
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	65.5	3.0	0.0	0.0	0.0	0.0	-47.5	-3.0	-0.1	-20.0	23.3	0.0	-9.0	0.0	0.0	19.3	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	159.2	3.0	0.0	0.0	0.0	0.0	-55.4	-4.3	-0.3	-20.8	-8.4	0.0	0.0	0.0	1.9	-6.5	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	152.3	3.0	0.0	0.0	0.0	0.0	-55.5	-4.2	-0.3	-20.8	-2.1	0.0	0.0	0.0	1.9	-0.2	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	115.1	83.6	0.0	0.0	44.8	3.0	0.0	0.0	0.0	1.3	-46.4	-2.7	-0.1	-1.0	3.7	0.0	-9.0	0.0	0.0	28.7	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	41.3	3.0	0.0	0.0	0.0	2.0	-43.9	-2.0	-0.1	-2.0	3.0	0.0	0.0	0.0	1.9	32.9	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	163.0	3.0	0.0	0.0	0.0	2.1	-55.5	-4.2	-0.3	-20.8	-4.7	0.0	0.0	0.0	1.9	-2.8	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	48.2	3.0	0.0	0.0	0.0	0.6	-45.0	-2.4	-0.1	-0.3	25.8	0.0	0.0	0.0	1.9	28.7	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	138.2	3.0	0.0	0.0	0.0	1.5	-54.7	-4.2	-0.3	-12.2	11.4	10.7	0.0	0.0	1.9	13.3	10.7
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	138.2	3.0	0.0	0.0	0.0	1.5	-54.7	-4.2	-0.3	-12.2	13.1	0.0	-4.3	0.0	3.0	11.8	0.0
EGFP	PL	44.6	43.9	lw'	2.0	59.2	72.2	71.5	0.0	23.3	2.9	0.0	0.0	0.0	0.5	-40.3	-0.4	-0.1	-4.0	39.7	39.0	0.0	0.0	1.9	32.6	39.0
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	58.6	3.0	0.0	0.0	0.0	0.1	-48.4	-3.4	-0.1	-0.6	25.5	24.9	0.0	0.0	1.9	27.4	24.9
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	24.9	3.0	0.0	0.0	0.0	1.4	-41.8	-1.1	-0.1	-4.3	33.1	32.5	0.0	0.0	1.9	35.0	32.5
EinAusfahrt Rest RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	25.1	3.0	0.0	0.0	0.0	1.4	-41.8	-1.1	-0.1	-4.3	37.6	0.0	-4.3	0.0	3.0	36.3	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	65.9	3.0	0.0	0.0	0.0	0.1	-48.4	-3.3	-0.1	-0.9	29.8	0.0	-4.3	0.0	3.0	28.5	0.0
Einr Auf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	64.1	3.0	0.0	0.0	0.0	0.4	-48.8	-3.6	-0.2	-9.1	15.3	15.3	0.0	0.0	1.9	17.2	15.3
UKW Anlieferung	UKW	63.0	0.0	lw	1.0	32.5	73.1	0.0	0.0	166.6	3.0	0.0	0.0	0.0	1.8	-55.9	-4.3	-0.3	-20.8	1.6	0.0	-6.0	0.0	0.0	-4.4	0.0
UKW Anlieferung RH	UKW-RH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	74.2	3.0	0.0	0.0	0.0	0.4	-49.4	-3.6	-0.2	-5.0	39.6	0.0	-9.0	0.0	0.0	21.6	0.0
UKW Anlieferung RH P	UKW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	68.3	3.0	0.0	0.0	0.0	0.8	-48.0	-3.3	-0.1	-21.7	13.7	0.0	-9.0	0.0	0.0	4.7	0.0
PAuffahrt Kurhotel	RH-Ückan	62.0	0.0	lw'	2.0	43.1	73.3	0.0	0.0	161.1	3.0	0.0	0.0	0.0	0.0	-55.3	-4.3	-0.3	-20.7	0.7	0.0	0.0	0.0	1.9	2.6	0.0
PAuffahrt Rürgerrote	RH-Ückan	62.7	0.0	lw'	2.0	42.7	79.0	0.0	0.0	39.7	3.0	0.0	0.0	0.0	2.1	-43.7	-2.0	-0.1	-2.1	35.2	0.0	0.0	0.0	1.9	38.1	0.0
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.7	3.0	0.0	0.0	0.0	3.0	-53.0	-3.6	-0.2	-3.2	16.0	16.0	-3.0	-3.0	1.9	14.9	13.0
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	24.9	2.9	0.0	0.0	0.0	0.7	-38.9	0.0	0.0	-4.9	29.8	29.8	-3.0	-3.0	1.9	28.7	25.8
Tor RS Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	137.7	6.0	0.0	0.0	0.0	9.3	-53.8	-4.0	-0.3	-20.9	7.8	7.1	0.0	0.0	1.9	9.7	7.1
Tor RS Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	137.7	6.0	0.0	0.0	0.0	9.3	-53.8	-4.0	-0.3	-20.9	9.6	0.0	-4.3	0.0	3.0	8.3	0.0
Tor RS Rhotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	24.1	5.8	0.0	0.0	0.0	0.0	-38.6	0.0	0.0	-16.1	24.1	23.4	0.0	0.0	1.9	26.0	23.4
Tor RS Rhotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	24.1	5.8	0.0	0.0	0.0	0.0	-38.6	0.0	0.0	-16.1	28.6	0.0	-4.3	0.0	3.0	27.3	0.0
Tor TG Rhotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	61.1	6.0	0.0	0.0	0.0	0.0	-46.7	-2.8	-0.1	-22.2	1.4	1.4	0.0	0.0	1.9	3.3	1.4

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1088 2.06 V04WFS - GB.: WALTERSRADE 1 <D>30-3

Lage des Aufpunktes : X= 412.1473 km Y= 6041.6888 km Z= 31.50 m

Tag Nacht
Immission : 46.5 dB(A) 39.1 dB(A)

Emission		mittlere Werte für										L AF		Zeitzuschläge				Lm								
Emission Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Fomell	min. ds	Dc	Df	Drefl	Activ	Ag	Atm	Aaz	L AF		Zeitzuschläge				Lm			
		Tag	Nacht			Tag	Nacht										Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PL-KH	44.4	43.8	lw'	2.0	37.7	69.2	59.6	0.0	126.1	3.0	0.0	0.0	0.0	-53.4	-3.6	-0.2	-1.1	4.9	4.3	0.0	0.0	1.9	6.8	4.3	
Anlieferung	UKWP	69.2	0.0	lw'	2.0	23.7	83.0	0.0	0.0	155.6	3.0	0.0	0.0	0.0	-55.0	-3.8	-0.3	-21.2	5.7	0.0	-9.0	0.0	0.0	-3.3	0.0	
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	153.0	3.0	0.0	0.0	0.0	-54.7	-3.7	-0.3	-21.3	10.0	0.0	-9.0	0.0	0.0	9.0	0.0	
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	66.6	3.0	0.0	0.0	0.0	1.1	-47.5	-2.1	-0.1	-20.1	23.3	0.0	-9.0	0.0	0.0	23.3	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	159.3	3.0	0.0	0.0	0.0	-55.4	-3.9	-0.3	-21.1	-8.4	0.0	0.0	0.0	1.9	-6.5	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	152.4	3.0	0.0	0.0	0.0	-55.4	-3.9	-0.3	-21.0	-2.6	0.0	0.0	0.0	1.9	-0.7	0.0	
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	89.5	82.5	0.0	0.0	45.0	3.0	0.0	0.0	0.0	1.4	-46.1	-1.3	-0.1	-0.2	39.2	0.0	-9.0	0.0	0.0	39.2	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw'	2.0	31.5	74.0	0.0	0.0	41.5	3.0	0.0	0.0	0.0	1.8	-44.0	-0.5	-0.1	0.0	34.2	0.0	0.0	0.0	1.9	35.1	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw'	2.0	70.8	71.0	0.0	0.0	163.1	3.0	0.0	0.0	0.0	2.1	-55.5	-3.9	-0.3	-21.1	-4.7	0.0	0.0	0.0	1.9	-2.8	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw'	2.0	80.7	71.0	0.0	0.0	48.3	3.0	0.0	0.0	0.0	0.7	-45.0	-1.1	-0.1	0.0	28.5	0.0	0.0	0.0	1.9	39.4	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	138.3	3.0	0.0	0.0	0.0	1.4	-54.7	-3.8	-0.3	-7.9	16.0	15.3	0.0	0.0	1.9	17.9	15.3
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw'	1.0	87.5	80.0	0.0	0.0	138.3	3.0	0.0	0.0	0.0	1.4	-54.7	-3.8	-0.3	-7.9	17.7	0.0	-4.3	0.0	3.0	16.4	0.0
EGFP	PL	44.6	43.9	lw'	2.0	59.2	72.2	71.5	0.0	23.7	2.9	0.0	0.0	0.0	0.5	-40.6	0.0	-0.1	0.0	34.9	34.2	0.0	0.0	1.9	35.8	34.2
EinAus RH	EA-RH	59.5	58.9	lw'	1.0	33.6	74.8	74.2	0.0	38.0	3.0	0.0	0.0	0.0	-48.3	-2.5	-0.1	-0.6	25.3	25.7	0.0	0.0	1.9	28.2	25.7	
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	70.0	75.4	0.0	27.2	2.9	0.0	0.0	0.0	1.2	-42.0	-0.3	-0.1	-1.4	35.3	35.7	0.0	0.0	1.9	32.2	35.7
EinAusfahrt Rest. RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	27.4	2.9	0.0	0.0	0.0	1.2	-42.1	-0.3	-0.1	-1.4	40.7	0.0	-4.3	0.0	3.0	39.4	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	6.0	3.0	0.0	0.0	0.0	-49.3	-2.5	-0.1	-0.9	39.6	0.0	-4.3	0.0	3.0	29.3	0.0	
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	64.2	3.0	0.0	0.0	0.0	-48.7	-2.9	-0.2	-0.2	15.6	15.6	0.0	0.0	1.9	17.5	15.6	
LW-Anlieferung	LW	63.0	0.0	lw	1.0	18.4	75.6	0.0	0.0	168.6	3.0	0.0	0.0	0.0	1.1	-56.6	-3.9	-0.3	-21.1	-1.2	0.0	-6.0	0.0	0.0	-7.2	0.0
LW-Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	74.3	3.0	0.0	0.0	0.0	-49.3	-3.0	-0.2	-5.0	39.9	0.0	-9.0	0.0	0.0	21.9	0.0	
LW-Anlieferung RH P	LW-RHP	70.2	0.0	lw'	2.0	19.2	83.0	0.0	0.0	68.5	3.0	0.0	0.0	0.0	0.5	-48.0	-2.5	-0.1	-22.2	13.7	0.0	-9.0	0.0	0.0	4.7	0.0
PAuffahrt Kurhotel	KH-Orchedn	62.0	0.0	lw'	2.0	43.1	78.3	0.0	0.0	161.1	3.0	0.0	0.0	0.0	-55.3	-3.9	-0.3	-21.1	9.7	0.0	0.0	0.0	1.9	2.6	0.0	
PAuffahrt Rgrrote	KA-Orchedn	62.7	0.0	lw'	2.0	42.7	79.0	0.0	0.0	40.0	3.0	0.0	0.0	0.0	1.9	-43.9	-0.4	-0.1	0.0	39.5	0.0	0.0	0.0	1.9	41.4	0.0
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.8	3.0	0.0	0.0	0.0	1.4	-53.0	-3.2	-0.2	-0.8	17.2	17.2	-3.0	-3.0	1.9	16.1	14.2
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	24.9	2.8	0.0	0.0	0.0	-39.9	0.0	-0.1	0.0	33.8	33.8	-3.0	-3.0	1.9	32.7	39.8	
Tor RS Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	139.9	6.0	0.0	0.0	0.0	4.8	-53.8	-3.6	-0.3	-12.8	11.8	11.1	0.0	0.0	1.9	13.7	11.1
Tor RS Kurhotel. Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	139.9	6.0	0.0	0.0	0.0	4.8	-53.8	-3.6	-0.3	-12.8	13.6	0.0	-4.3	0.0	3.0	12.3	0.0
Tor RS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	24.4	5.7	0.0	0.0	0.0	-38.8	0.0	-0.0	-16.4	23.5	22.8	0.0	0.0	1.9	25.4	22.8	
Tor RS RHotel. Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	24.4	5.7	0.0	0.0	0.0	-38.8	0.0	-0.0	-16.4	28.0	0.0	-4.3	0.0	3.0	26.7	0.0	
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	61.2	6.0	0.0	0.0	0.0	-46.7	-1.8	-0.1	-23.3	1.3	1.3	0.0	0.0	1.9	3.2	1.3	

Projekt:
Tabelle 11 verk. tags Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1004 EG V04WFS - GB.: WALTERSRADE 10 <D>D-4

Lage des Aufpunktes : X= 412.1307 km Y= 6041.6299 km Z= 30.52 m

Tag Nacht
Immission : 46.3 dB(A) 37.3 dB(A)

Emission		mittlere Werte für										L A T		Zeitzuschläge				Lm								
Emission Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Fomell	min. ds	Dc	DI	Qref	mittlere Werte für				Atm	Aor	Tag	Nacht	KR	Lm				
		Tag	Nacht			Tag	Nacht						Drefl	Activ	Ag	Tag						Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)		/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)	dB(A)			
6 Stellpl. KH	PL-KH	44.4	43.8	lw'	2.0	37.7	69.2	59.6	0.0	141.4	3.0	0.0	0.0	0.0	-54.2	-4.5	-0.3	-19.4	-15.2	-15.8	0.0	0.0	1.9	-13.3	-15.8	
Anlieferung	LKW-P	69.2	0.0	lw'	2.0	23.7	83.0	0.0	0.0	163.9	3.0	0.0	0.0	0.0	-55.1	-4.6	-0.3	-20.5	5.2	0.0	-9.0	0.0	0.0	-3.8	0.0	
Anlieferung	Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	169.9	3.0	0.0	0.0	0.0	-55.1	-4.5	-0.3	-20.5	17.6	0.0	-9.0	0.0	0.0	8.6	0.0	
Anlieferung RH Laden	RH-Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	61.6	3.0	0.0	0.0	0.0	0.2	-46.8	-3.7	-0.1	-4.8	42.8	0.0	-9.0	0.0	0.0	33.8	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	162.6	3.0	0.0	0.0	0.0	3.0	-55.6	-4.6	-0.3	-20.4	-5.6	0.0	0.0	0.0	1.9	-3.7	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	154.7	3.0	0.0	0.0	0.0	1.5	-55.1	-4.6	-0.3	-15.9	3.2	0.0	0.0	0.0	1.9	5.1	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	115.1	83.6	0.0	0.0	39.1	3.0	0.0	0.0	0.0	2.2	-46.0	-3.6	-0.1	-1.5	38.6	0.0	-9.0	0.0	0.0	29.6	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	38.0	3.0	0.0	0.0	0.0	3.4	-42.9	-3.3	-0.1	-1.5	32.6	0.0	0.0	0.0	1.9	-4.5	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	171.7	3.0	0.0	0.0	0.0	0.6	-56.0	-4.6	-0.3	-20.4	-6.7	0.0	0.0	0.0	1.9	-4.8	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	39.7	3.0	0.0	0.0	0.0	3.9	-41.9	-3.1	-0.1	-5.8	27.1	0.0	0.0	0.0	1.9	29.0	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	155.1	3.0	0.0	0.0	0.0	0.1	-55.5	-4.5	-0.3	-19.9	1.2	0.5	0.0	0.0	1.9	3.1	0.5
EA Kurhotel Restau	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	155.1	3.0	0.0	0.0	0.0	0.1	-55.5	-4.5	-0.3	-19.9	2.9	0.0	-4.3	0.0	3.0	1.6	0.0
EGFP	PL	44.6	43.9	lw'	2.0	59.2	72.2	71.5	0.0	19.5	3.0	0.0	0.0	0.0	1.5	-39.0	-1.7	0.0	-3.5	32.5	31.8	0.0	0.0	1.9	34.4	31.8
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	48.5	3.0	0.0	0.0	0.0	2.0	-47.0	-4.1	-0.1	-1.6	27.0	26.4	0.0	0.0	1.9	28.9	26.4
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	35.9	3.0	0.0	0.0	0.0	2.2	-42.6	-3.0	-0.1	-1.8	33.7	33.1	0.0	0.0	1.9	35.6	33.1
EinAusfahrt Rest. RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	36.2	3.0	0.0	0.0	0.0	2.2	-42.6	-3.1	-0.1	-1.8	33.1	0.0	-4.3	0.0	3.0	36.8	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	60.3	3.0	0.0	0.0	0.0	1.9	-47.1	-4.1	-0.1	-1.4	31.6	0.0	-4.3	0.0	3.0	30.3	0.0
Einf. Auf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	59.1	3.0	0.0	0.0	0.0	0.9	-48.2	-4.2	-0.1	-4.0	21.0	21.0	0.0	0.0	1.9	22.9	21.0
LKW Anlieferung	LKW	63.0	0.0	lw	1.0	22.6	75.5	0.0	0.0	179.0	3.0	0.0	0.0	0.0	0.0	-56.2	-4.6	-0.3	-20.4	-2.0	0.0	-9.0	0.0	0.0	-8.0	0.0
LKW Anlieferung RH	LKW-RH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	67.2	3.0	0.0	0.0	0.0	1.8	-48.6	-4.3	-0.1	-3.7	33.5	0.0	-9.0	0.0	0.0	24.5	0.0
LKW Anlieferung RH P	LKW-RH-P	70.2	0.0	lw'	2.0	19.2	83.0	0.0	0.0	64.1	3.0	0.0	0.0	0.0	0.2	-47.4	-4.1	-0.1	-7.7	26.9	0.0	-9.0	0.0	0.0	17.9	0.0
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	73.3	0.0	0.0	155.7	3.0	0.0	0.0	0.0	3.0	-55.6	-4.6	-0.3	-20.4	3.4	0.0	0.0	0.0	1.9	5.3	0.0
PAuffahrt Rührrote	RH-Checkin	62.7	0.0	lw'	2.0	42.7	79.0	0.0	0.0	37.3	3.0	0.0	0.0	0.0	3.2	-42.7	-3.3	-0.1	-1.6	37.5	0.0	0.0	0.0	1.9	39.4	0.0
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	145.8	3.0	0.0	0.0	0.0	0.4	-54.3	-4.0	-0.3	-0.7	14.1	14.1	-3.0	-3.0	1.9	13.0	11.1
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	59.8	3.0	0.0	0.0	0.0	0.0	-45.1	-1.6	-0.1	-3.2	23.0	23.0	-3.0	-3.0	1.9	21.9	20.0
Tor RS Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	155.0	6.0	0.0	0.0	0.0	0.1	-54.8	-4.5	-0.3	-14.8	3.2	2.5	0.0	0.0	1.9	5.1	2.5
Tor RS Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	155.0	6.0	0.0	0.0	0.0	0.1	-54.8	-4.5	-0.3	-14.8	5.0	0.0	-4.3	0.0	3.0	3.7	0.0
Tor RS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	39.8	6.0	0.0	0.0	0.0	0.1	-43.0	-1.9	-0.1	-2.8	31.3	30.6	0.0	0.0	1.9	33.2	30.6
Tor RS RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	39.8	6.0	0.0	0.0	0.0	0.1	-43.0	-1.9	-0.1	-2.8	35.8	0.0	-4.3	0.0	3.0	34.5	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	57.2	6.0	0.0	0.0	0.0	0.0	-46.1	-3.7	-0.1	-14.8	8.5	8.5	0.0	0.0	1.9	10.4	8.5

Projekt:
Tabelle 11 verk. tags Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1005 EG V04WFS - GB.: SEESRADE 2 <D>D-5

Lage des Aufpunktes : X= 412.134 km Y= 6041.633 km Z= 31.40 m

Tag Nacht
Immission : 49.8 dB(A) 41.1 dB(A)

Emission Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Fomell	min. ds	Dc	Df	mittlere Werte für						L A T		Zeitzuschläge				Lm		
		Tag	Nacht			Tag	Nacht					Drefl	Activ	Agr	Atm	Aor	Tag	Nacht	Tag	Nacht	KR	Tag	Nacht			
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
Anlieferung	LKW-P	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	151.1	3.0	0.0	0.0	0.0	0.0	-54.7	-4.5	-0.3	-20.5	6.0	0.0	-9.0	0.0	0.0	-3.0	0.0
Anlieferung	Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	148.1	3.0	0.0	0.0	0.0	0.0	-54.4	-4.4	-0.3	-20.6	13.3	0.0	-9.0	0.0	0.0	9.3	0.0
Anlieferung RH Laden	RH-Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	46.4	3.0	0.0	0.0	0.0	0.0	-44.3	-3.2	-0.1	0.0	59.4	0.0	-9.0	0.0	0.0	41.4	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	140.0	3.0	0.0	0.0	0.0	0.0	-54.8	-4.5	-0.3	-9.9	2.8	0.0	0.0	0.0	1.9	4.7	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	139.5	3.0	0.0	0.0	0.0	0.0	-54.8	-4.5	-0.3	-6.7	11.8	0.0	0.0	0.0	1.9	13.7	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	95.4	82.8	0.0	0.0	25.1	3.0	0.0	0.0	0.0	1.0	-41.1	-2.5	-0.1	-0.4	42.7	0.0	-9.0	0.0	0.0	33.7	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	25.5	3.0	0.0	0.0	0.0	2.2	-39.3	-2.1	0.0	-0.9	35.9	0.0	0.0	0.0	1.9	38.8	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	35.3	68.0	0.0	0.0	159.9	3.0	0.0	0.0	0.0	0.0	-55.4	-4.5	-0.3	-20.5	-9.7	0.0	0.0	0.0	1.9	-7.8	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	15.2	3.0	0.0	0.0	0.0	0.6	-36.2	-0.5	0.0	-2.8	35.0	0.0	0.0	0.0	1.9	36.9	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	146.2	3.0	0.0	0.0	0.0	0.1	-54.8	-4.5	-0.3	-20.5	1.3	0.6	0.0	0.0	1.9	3.2	0.6
EA Kurhotel Restau	EA-RH	60.6	0.0	lw	1.0	84.5	79.9	0.0	0.0	146.2	3.0	0.0	0.0	0.0	0.1	-54.8	-4.5	-0.3	-20.5	2.9	0.0	-4.3	0.0	3.0	1.6	0.0
EGFP	PL	44.6	43.9	lw	2.0	592.2	72.2	71.5	0.0	19.3	3.0	0.0	0.0	0.0	0.5	-34.7	0.0	0.0	-4.2	36.8	36.1	0.0	0.0	1.9	38.7	36.1
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	32.5	3.0	0.0	0.0	0.0	0.1	-44.3	-3.6	-0.1	0.0	29.9	29.3	0.0	0.0	1.9	31.8	29.3
Einfahrt RH	EA-RH	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	22.7	3.0	0.0	0.0	0.0	0.1	-43.6	-1.9	-0.1	-1.0	37.8	37.2	0.0	0.0	1.9	39.7	37.2
Einfahrt Rest RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	23.1	3.0	0.0	0.0	0.0	1.5	-39.7	-1.9	-0.1	-1.0	42.3	0.0	-4.3	0.0	3.0	40.0	0.0
Einfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	33.7	3.0	0.0	0.0	0.0	0.1	-44.4	-3.6	-0.1	0.0	34.4	0.0	-4.3	0.0	3.0	33.1	0.0
Einf Auf TG	EA-TG	58.8	58.8	lw	1.0	48.2	73.6	73.6	0.0	43.9	3.0	0.0	0.0	0.0	0.0	-6.0	-3.8	-0.1	-0.6	26.0	26.0	0.0	0.0	1.9	27.9	26.0
LW-Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	50.7	3.0	0.0	0.0	0.0	0.0	-65.5	-4.0	-0.1	-0.4	37.4	0.0	-9.0	0.0	0.0	28.4	0.0
LW-Anlieferung RH P	LW-RH-P	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	49.0	3.0	0.0	0.0	0.0	0.0	-62.1	-3.7	-0.1	-1.5	35.5	0.0	-9.0	0.0	0.0	25.5	0.0
PAuffahrt Kurhotel	KH-Ordin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	151.3	3.0	0.0	0.0	0.0	0.0	-54.7	-4.5	-0.3	-10.5	11.3	0.0	0.0	0.0	1.9	13.2	0.0
PAuffahrt Rgrrote	RH-Ordin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	24.9	3.0	0.0	0.0	0.0	2.2	-39.3	-2.1	0.0	-1.0	41.8	0.0	0.0	0.0	1.9	43.7	0.0
R6-Lüftung	R6-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	139.1	3.0	0.0	0.0	0.0	12.2	-53.9	-3.9	-0.3	-21.0	6.1	0.1	-3.0	-3.0	1.9	5.0	3.1
R6-Lüftung RH	R6-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	52.4	3.0	0.0	0.0	0.0	0.0	-6.4	-1.5	-0.1	-3.2	22.8	22.8	-3.0	-3.0	1.9	21.7	19.8
Tor R6 Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	165.5	6.0	0.0	0.0	0.0	0.3	-54.3	-4.4	-0.3	-20.6	-1.8	-2.5	0.0	0.0	1.9	0.1	-2.5
Tor R6 Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	165.5	6.0	0.0	0.0	0.0	0.3	-54.3	-4.4	-0.3	-20.6	0.0	0.0	-4.3	0.0	3.0	-1.3	0.0
Tor R6 RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	37.2	6.0	0.0	0.0	0.0	0.0	-4.4	-1.6	-0.1	-0.7	34.2	33.5	0.0	0.0	1.9	36.1	33.5
Tor R6 RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	37.2	6.0	0.0	0.0	0.0	0.0	-4.4	-1.6	-0.1	-0.7	37.7	0.0	-4.3	0.0	3.0	37.4	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	42.5	6.0	0.0	0.0	0.0	0.0	-43.6	-3.1	-0.1	-12.5	13.9	13.9	0.0	0.0	1.9	15.8	13.9

Projekt:
Tabelle 11 verknüpfte Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1085 1.0G V04WFS - GEB.: SEESPACE 2 <D>30-5
Lage des Aufpunktes : X= 402.1354 km Y= 6041.6333 km Z= 34.20 m
Tag Nacht
Immission : 52.3 dB(A) 48.8 dB(A)

Emission Name	Ident.	Emission		RQ	Anz./L/F/L	Lwges		Korr. Fomell	min. ds	Dc	Df	Drefl	mittlere Werte für						L A T		Zeitzuschläge			Lm		
		Tag	Nacht			Tag	Nacht						Tag	Nacht	Drefl	Activ	Ag	Atm	Aur	Tag	Nacht	KEZ	KR	Tag	Nacht	
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
Anlieferung	UKWP	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	151.2	3.0	0.0	0.0	0.0	-54.7	-4.2	-0.3	-20.8	6.0	0.0	-9.0	0.0	0.0	-3.0	0.0	
Anlieferung	Laden	55.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	148.1	3.0	0.0	0.0	0.0	-54.4	-4.0	-0.3	-21.0	13.3	0.0	-9.0	0.0	0.0	9.3	0.0	
Anlieferung RH Laden	RH Laden	55.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	45.5	3.0	0.0	0.0	0.0	-44.3	-1.8	-0.1	0.0	51.8	0.0	-9.0	0.0	0.0	42.8	0.0	
Auffahrt Kurhotel	Auf KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	140.0	3.0	0.0	0.0	0.0	-54.9	-4.1	-0.3	-9.9	3.1	0.0	0.0	0.0	1.9	5.0	0.0	
Auffahrt Rampe	Rampen KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	139.5	3.0	0.0	0.0	0.0	-54.8	-4.1	-0.3	-6.7	12.2	0.0	0.0	0.0	1.9	14.1	0.0	
B&S Einfahrt RH	B&S RHE	63.0	0.0	lw	1.0	77.8	81.9	0.0	0.0	25.0	3.0	0.0	0.0	0.0	1.1	-40.9	-0.4	-0.1	0.0	44.6	0.0	-9.0	0.0	0.0	35.6	0.0
B&S EA	RH Bus EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	25.8	3.0	0.0	0.0	0.0	2.1	-39.4	0.0	-0.1	0.0	39.6	0.0	0.0	0.0	1.9	41.5	0.0
Bustellplätze	KH Bus	52.5	0.0	lw	2.0	35.3	68.0	0.0	0.0	159.0	3.0	0.0	0.0	0.0	0.0	-55.4	-4.2	-0.3	-20.8	-9.7	0.0	0.0	0.0	1.9	-7.8	0.0
Bustellplätze	RH Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	15.6	2.9	0.0	0.0	0.0	0.4	-36.4	0.0	0.0	0.0	37.9	0.0	0.0	0.0	1.9	39.8	0.0
EA Kurhotel	EA KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	146.3	3.0	0.0	0.0	0.0	0.1	-54.8	-4.2	-0.3	-20.8	1.3	0.6	0.0	0.0	1.9	3.2	0.6
EA Kurhotel Restaura	EA RKH	60.6	0.0	lw	1.0	55.3	78.1	0.0	0.0	146.3	3.0	0.0	0.0	0.0	0.0	-54.5	-4.1	-0.3	-20.9	1.3	0.0	-4.3	0.0	3.0	0.0	0.0
EGPP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	11.1	2.9	0.0	0.0	0.0	0.3	-35.0	0.0	0.0	0.0	40.4	39.7	0.0	0.0	1.9	42.3	39.7
EinAus RH	EA RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	32.7	3.0	0.0	0.0	0.0	0.1	-44.4	-2.1	-0.1	0.0	31.3	39.7	0.0	0.0	1.9	33.2	39.7
EinAusfahrt RH	EA RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	23.0	3.0	0.0	0.0	0.0	1.2	-39.8	0.0	-0.1	0.0	40.3	39.7	0.0	0.0	1.9	42.2	39.7
EinAusfahrt Rest RH	EA RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	23.5	3.0	0.0	0.0	0.0	1.2	-39.8	-0.1	-0.1	0.0	44.7	0.0	-4.3	0.0	3.0	43.4	0.0
EinAusfahrt Restau	EA RH	61.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	33.9	3.0	0.0	0.0	0.0	0.1	-44.5	-2.1	-0.1	0.0	35.8	0.0	-4.3	0.0	3.0	34.5	0.0
Einf Auf TG	EA TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	44.1	3.0	0.0	0.0	0.0	0.0	-46.1	-2.7	-0.1	-0.6	27.1	27.1	0.0	0.0	1.9	29.0	27.1
UKW Anlieferung RH	UKWRH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	59.8	3.0	0.0	0.0	0.0	0.0	-46.6	-2.9	-0.1	-0.4	39.4	0.0	-9.0	0.0	0.0	29.4	0.0
UKW Anlieferung RHP	UKWRHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	41.1	3.0	0.0	0.0	0.0	0.0	-45.3	-2.4	-0.1	-1.5	35.7	0.0	-9.0	0.0	0.0	27.7	0.0
PAuffahrt Kurhotel	KH Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	151.4	3.0	0.0	0.0	0.0	0.0	-54.8	-4.1	-0.3	-10.5	11.6	0.0	0.0	0.0	1.9	13.5	0.0
PAuffahrt Rührrote	RH Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	25.2	3.0	0.0	0.0	0.0	1.9	-39.3	0.0	0.0	0.0	44.5	0.0	0.0	0.0	1.9	46.4	0.0
R&S Lüftung	R&S Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	139.1	3.0	0.0	0.0	0.0	12.6	-53.9	-3.5	-0.3	-21.4	6.5	6.5	-3.0	-3.0	1.9	5.4	3.5
R&S Lüftung RH	R&S Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	52.4	3.0	0.0	0.0	0.0	0.0	-45.4	-0.3	-0.1	-2.6	24.6	24.6	-3.0	-3.0	1.9	23.5	21.6
Tor R&S Kurhotel	KH Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	146.6	6.0	0.0	0.0	0.0	0.3	-54.3	-4.0	-0.3	-21.0	-1.8	-2.5	0.0	0.0	1.9	0.1	-2.5
Tor R&S Kurhotel Res	KH Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	146.6	6.0	0.0	0.0	0.0	0.3	-54.3	-4.0	-0.3	-21.0	0.0	0.0	-4.3	0.0	3.0	-1.3	0.0
Tor R&S RHotel	RH Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	37.4	5.9	0.0	0.0	0.0	0.1	-42.5	0.0	0.0	0.0	35.5	35.8	0.0	0.0	1.9	38.4	35.8
Tor R&S RHotel Rest	RH Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	37.4	5.9	0.0	0.0	0.0	0.1	-42.5	0.0	0.0	0.0	41.0	0.0	-4.3	0.0	3.0	39.7	0.0
Tor TG RHotel	TG Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	42.6	6.0	0.0	0.0	0.0	0.0	-43.6	-1.5	-0.1	-12.6	15.4	15.4	0.0	0.0	1.9	17.3	15.4

Projekt:
Tabelle 11 verknüpfte Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1087 EG V04WFS - GEB.: GRUNDVORHAUS <D>30-6
Lage des Aufpunktes : X= 402.1661 km Y= 6041.6447 km Z= 30.91 m
Tag Nacht
Immission : 35.3 dB(A) 28.4 dB(A)

Emission		Lwges		Korr.		min.		mittlere Werte für										L A T		Zeitzuschläge		Lm						
Name	Ident.	Tag	Nacht	RQ	Anz./L/F/L	Tag	Nacht	Formel	ds	Dc	Df	Qref	Tag	Nacht	Drefl	Activ	Ag	Atm	Aor	Tag	Nacht	Tag	Nacht	KEZ	KR	Tag	Nacht	(L A T + KEZ + KR)
		dB(A)	dB(A)		/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PI-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	162.2	3.0	0.0	0.0	0.0	0.0	-55.4	-4.6	-0.3	-20.4	-14.5	-15.1	0.0	0.0	1.9	-12.6	-15.1		
Anlieferung	UKWP	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	122.9	3.0	0.0	0.0	0.0	0.0	-56.3	-4.6	-0.4	-20.4	4.3	0.0	-9.0	0.0	0.0	0.0	-4.7	0.0	
Anlieferung	Laden	55.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	19.8	3.0	0.0	0.0	0.0	0.0	-56.1	-4.5	-0.3	-20.5	16.6	0.0	-9.0	0.0	0.0	0.0	7.6	0.0	
Anlieferung RH Laden	RH-Laden	55.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	77.9	3.0	0.0	0.0	0.0	1.2	-48.8	-4.0	-0.1	-17.6	28.7	0.0	-9.0	0.0	0.0	0.0	19.7	0.0	
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	139.7	3.0	0.0	0.0	0.0	1.3	-56.4	-4.6	-0.4	-18.6	-6.4	0.0	0.0	0.0	1.9	-4.5	0.0		
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	171.6	3.0	0.0	0.0	0.0	9.2	-56.5	-4.6	-0.3	-17.6	8.3	0.0	0.0	0.0	1.9	10.2	0.0		
B&S Einfahrt RH	B&S-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	56.1	3.0	0.0	0.0	0.0	5.3	-47.7	-4.0	-0.1	-11.3	29.2	0.0	-9.0	0.0	0.0	0.0	20.2	0.0	
B&S EA	RH&S-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	57.0	3.0	0.0	0.0	0.0	3.3	-46.1	-3.8	-0.1	-9.1	21.1	0.0	0.0	0.0	1.9	23.0	0.0		
Bustellplätze	KH&S	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	199.7	3.0	0.0	0.0	0.0	0.0	-56.9	-4.6	-0.4	-20.4	-8.3	0.0	0.0	0.0	1.9	-6.4	0.0		
Bustellplätze	RH&S	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	45.5	3.0	0.0	0.0	0.0	5.3	-44.8	-3.7	-0.1	-18.9	11.8	0.0	0.0	0.0	1.9	13.7	0.0		
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	162.2	3.0	0.0	0.0	0.0	0.1	-56.4	-4.6	-0.4	-20.4	-0.4	-1.1	0.0	0.0	1.9	1.5	-1.1		
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	89.0	0.0	0.0	162.2	3.0	0.0	0.0	0.0	0.1	-56.4	-4.6	-0.4	-20.4	1.3	0.0	-4.3	0.0	3.0	0.0	0.0		
EGPP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	40.3	3.0	0.0	0.0	0.0	2.0	-44.1	-3.5	-0.1	-6.1	23.4	22.7	0.0	0.0	1.9	25.3	22.7		
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	66.7	3.0	0.0	0.0	0.0	8.0	-48.8	-4.2	-0.2	-13.6	19.0	18.4	0.0	0.0	1.9	29.9	18.4		
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	58.6	3.0	0.0	0.0	0.0	2.4	-46.1	-3.8	-0.1	-5.6	25.8	25.2	0.0	0.0	1.9	27.7	25.2		
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	54.1	3.0	0.0	0.0	0.0	2.4	-46.2	-3.8	-0.1	-5.6	30.2	0.0	-4.3	0.0	3.0	28.9	0.0		
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	67.2	3.0	0.0	0.0	0.0	7.9	-48.9	-4.2	-0.2	-13.5	23.5	0.0	-4.3	0.0	3.0	22.2	0.0		
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	75.3	3.0	0.0	0.0	0.0	6.5	-49.9	-4.3	-0.2	-14.6	14.1	14.1	0.0	0.0	1.9	16.0	14.1		
EinAuslieferung	UKW	69.0	0.0	lw	1.0	32.5	81.1	0.0	0.0	138.2	3.0	0.0	0.0	0.0	0.1	-57.2	-4.6	-0.4	-20.4	-1.4	0.0	-6.0	0.0	0.0	-7.4	0.0		
UKW Anlieferung RH	UKW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	79.2	3.0	0.0	0.0	0.0	5.9	-50.1	-4.3	-0.2	-13.0	26.7	0.0	-9.0	0.0	0.0	17.7	0.0		
UKW Anlieferung RH P	UKW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	80.5	3.0	0.0	0.0	0.0	0.9	-49.4	-4.2	-0.2	-17.4	15.7	0.0	-9.0	0.0	0.0	0.0	6.7	0.0	
PAuffahrt Kurhotel	KH-Großkn	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	133.2	3.0	0.0	0.0	0.0	1.0	-56.3	-4.6	-0.4	-18.2	2.7	0.0	0.0	0.0	1.9	4.6	0.0		
PAuffahrt Rüggröte	PA-RH	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	56.0	3.0	0.0	0.0	0.0	3.4	-46.1	-3.8	-0.1	-5.7	29.6	0.0	0.0	0.0	1.9	31.5	0.0		
R&S-Wüftung	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	157.2	3.0	0.0	0.0	0.0	4.4	-55.5	-4.1	-0.3	-13.6	3.9	3.9	-3.0	-3.0	1.9	2.8	0.0		
R&S-Wüftung RH	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	71.3	3.0	0.0	0.0	0.0	4.3	-46.1	-2.6	-0.1	-14.5	12.0	12.0	-3.0	-3.0	1.9	10.9	9.0		
Tor R&S Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	161.1	6.0	0.0	0.0	0.0	0.1	-56.9	-4.5	-0.3	-20.6	-3.7	-4.4	0.0	0.0	1.9	-1.8	-4.4		
Tor R&S Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	161.1	6.0	0.0	0.0	0.0	0.1	-56.9	-4.5	-0.3	-20.6	-1.9	0.0	-4.3	0.0	3.0	-3.2	0.0		
Tor R&S RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	61.1	6.0	0.0	0.0	0.0	5.6	-46.7	-3.1	-0.1	-15.3	19.4	18.7	0.0	0.0	1.9	21.3	18.7		
Tor R&S RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	61.1	6.0	0.0	0.0	0.0	5.6	-46.7	-3.1	-0.1	-15.3	23.9	0.0	-4.3	0.0	3.0	22.6	0.0		
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	74.2	6.0	0.0	0.0	0.0	0.9	-48.4	-4.0	-0.1	-21.0	-0.3	-0.3	0.0	0.0	1.9	1.6	-0.3		

Projekt:
Tabelle 11 verkehrs Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1007 1.00 V04WFS - GEB.: GRUNDMAUS <D>D06
Lage des Aufpunktes : X= 412.1661 km Y= 6041.6447 km Z= 33.71 m
Tag Nacht
Immission : 40.4 dB(A) 32.8 dB(A)

Einheit Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Formel	min. ds	Dc	DI	Oet Tag	Oet Nacht	mittlere Werte für						L AF		Zeitrausch		Lm		
		Tag	Nacht			Tag	Nacht							Drefl	Activ	Agr	Atm	Ahor	Tag	Nacht	Tag	Nacht	Tag	Nacht		
																									dB(A)	dB(A)
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	37.7	60.2	59.6	0.0	162.3	3.0	0.0	0.0	0.0	0.0	-55.4	-4.2	-0.3	-20.8	-17.5	-18.1	0.0	0.0	1.9	-15.6	-18.1
Anlieferung	LW-P	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	183.0	3.0	0.0	0.0	0.0	0.0	-55.3	-4.3	-0.4	-20.6	-16.6	0.0	-9.0	0.0	0.0	-4.7	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	179.9	3.0	0.0	0.0	0.0	0.0	-55.1	-4.2	-0.3	-20.8	-16.6	0.0	-9.0	0.0	0.0	7.6	0.0
Anlieferung RH-Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	77.9	3.0	0.0	0.0	0.0	1.2	-48.8	-3.3	-0.1	-14.9	-32.1	0.0	-9.0	0.0	0.0	23.1	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	189.7	3.0	0.0	0.0	0.0	0.8	-55.4	-4.3	-0.4	-16.6	-4.6	0.0	0.0	0.0	1.9	-2.7	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	171.6	3.0	0.0	0.0	0.0	7.0	-55.4	-4.3	-0.3	-15.1	9.0	0.0	0.0	0.0	1.9	10.9	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	55.2	3.0	0.0	0.0	0.0	7.7	-47.8	-3.0	-0.1	-10.6	33.2	0.0	-9.0	0.0	0.0	24.2	0.0
BUS EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	57.1	3.0	0.0	0.0	0.0	6.3	-46.2	-2.8	-0.1	-8.3	25.9	0.0	0.0	0.0	1.9	27.8	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	199.7	3.0	0.0	0.0	0.0	0.0	-56.9	-4.4	-0.4	-20.6	-8.3	0.0	0.0	0.0	1.9	-6.4	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	45.6	3.0	0.0	0.0	0.0	9.7	-44.8	-2.3	-0.1	-16.4	20.0	0.0	0.0	0.0	1.9	21.9	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	176.3	3.0	0.0	0.0	0.0	0.1	-55.4	-4.3	-0.4	-20.5	-0.2	-0.9	0.0	0.0	1.9	1.7	-0.9
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	176.3	3.0	0.0	0.0	0.0	0.1	-55.4	-4.3	-0.4	-20.5	1.5	0.0	-4.3	0.0	3.0	0.2	0.0
EGFP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	40.4	3.0	0.0	0.0	0.0	3.1	-44.0	-2.0	-0.1	-5.3	25.9	25.2	0.0	0.0	1.9	23.8	25.2
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	66.8	3.0	0.0	0.0	0.0	9.3	-48.8	-3.5	-0.2	-12.1	22.5	21.9	0.0	0.0	1.9	24.4	21.9
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	53.7	3.0	0.0	0.0	0.0	3.5	-46.3	-2.6	-0.1	-4.0	29.5	28.9	0.0	0.0	1.9	31.4	28.9
EinAusfahrt Rest. RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	54.2	3.0	0.0	0.0	0.0	3.5	-46.3	-2.6	-0.1	-4.0	34.0	0.0	-4.3	0.0	3.0	32.7	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	67.3	3.0	0.0	0.0	0.0	9.2	-48.8	-3.5	-0.2	-12.0	27.1	0.0	-4.3	0.0	3.0	25.8	0.0
Einr. Auf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	75.4	3.0	0.0	0.0	0.0	6.8	-49.9	-3.7	-0.2	-12.6	17.0	17.0	0.0	0.0	1.9	18.9	17.0
LW-Anlieferung	LW	63.0	0.0	lw	1.0	32.5	73.1	0.0	0.0	183.3	3.0	0.0	0.0	0.0	0.1	-57.2	-4.4	-0.4	-20.6	-1.4	0.0	-6.0	0.0	0.0	-7.4	0.0
LW-Anlieferung RH	LW-RH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	79.2	3.0	0.0	0.0	0.0	7.0	-50.1	-3.7	-0.2	-11.3	30.1	0.0	-9.0	0.0	0.0	21.1	0.0
LW-Anlieferung RH-P	LW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	88.5	3.0	0.0	0.0	0.0	0.8	-49.3	-3.5	-0.2	-15.1	18.6	0.0	-9.0	0.0	0.0	9.6	0.0
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	73.3	0.0	0.0	183.2	3.0	0.0	0.0	0.0	0.5	-55.3	-4.3	-0.4	-15.4	5.3	0.0	0.0	0.0	1.9	7.2	0.0
PAuffahrt Rührhotel	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	55.1	3.0	0.0	0.0	0.0	5.3	-46.2	-2.8	-0.1	-5.8	32.4	0.0	0.0	0.0	1.9	34.3	0.0
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	167.2	3.0	0.0	0.0	0.0	0.0	-55.5	-3.8	-0.3	-0.9	12.5	12.5	-3.0	-3.0	1.9	11.4	9.5
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	71.2	3.0	0.0	0.0	0.0	0.1	-48.1	-1.8	-0.1	-2.9	20.2	20.2	-3.0	-3.0	1.9	19.1	17.2
Tor RS Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	176.2	6.0	0.0	0.0	0.0	0.0	-55.9	-4.2	-0.3	-17.0	0.1	-0.6	0.0	0.0	1.9	2.0	-0.6
Tor RS Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	176.2	6.0	0.0	0.0	0.0	0.0	-55.9	-4.2	-0.3	-17.0	1.9	0.0	-4.3	0.0	3.0	0.6	0.0
Tor RS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	61.2	6.0	0.0	0.0	0.0	0.3	-46.7	-2.1	-0.1	-3.1	27.3	26.6	0.0	0.0	1.9	29.2	26.6
Tor RS RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	61.2	6.0	0.0	0.0	0.0	0.3	-46.7	-2.1	-0.1	-3.1	31.8	0.0	-4.3	0.0	3.0	30.5	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	74.3	6.0	0.0	0.0	0.0	0.0	-48.4	-3.2	-0.1	-21.9	-0.4	-0.4	0.0	0.0	1.9	1.5	-0.4

Projekt:
Tabelle 11 verkehrs Rührhotel + Kurhotel V04 als Parkhaus geschlossen

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1007 2.00 V04WFS - GEB.: GRUNDMAUS <D>D06
Lage des Aufpunktes : X= 412.1661 km Y= 6041.6447 km Z= 35.51 m
Tag Nacht
Immission : 42.5 dB(A) 35.0 dB(A)

Emissions- Name	Ident	Emission		RQ	Anz./A/EI	Lwges		Korr. Formel	min. ds	Dc	Df	Drefl	mittlere Werte für						LAF		Zeitzuschläge		Lm			
		Tag	Nacht			Tag	Nacht						Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)			/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	37.7	60.2	59.6	0.0	162.5	3.0	0.0	0.0	0.0	0.0	-55.4	-3.9	-0.3	-21.1	-17.5	-18.1	0.0	0.0	1.9	-15.6	-18.1
Anlieferung	LW-P	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	183.1	3.0	0.0	0.0	0.0	0.0	-55.3	-4.0	-0.4	-20.9	-14.3	0.0	-9.0	0.0	0.0	-4.7	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	183.0	3.0	0.0	0.0	0.0	0.0	-55.1	-3.9	-0.3	-21.1	-16.6	0.0	-9.0	0.0	0.0	7.6	0.0
Anlieferung RH-Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	78.0	3.0	0.0	0.0	0.0	2.6	-48.8	-2.5	-0.1	-13.0	-35.2	0.0	-9.0	0.0	0.0	27.2	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	189.8	3.0	0.0	0.0	0.0	1.1	-55.5	-4.0	-0.4	-12.5	0.0	0.0	0.0	0.0	1.9	1.9	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	171.7	3.0	0.0	0.0	0.0	4.3	-55.5	-4.0	-0.3	-11.1	10.5	0.0	0.0	0.0	1.9	12.4	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	125.2	84.0	0.0	0.0	55.5	3.0	0.0	0.0	0.0	7.2	-47.7	-2.1	-0.1	-9.3	35.0	0.0	-9.0	0.0	0.0	26.0	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	57.3	3.0	0.0	0.0	0.0	6.8	-45.2	-1.7	-0.1	-7.8	27.9	0.0	0.0	0.0	1.9	29.8	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	199.8	3.0	0.0	0.0	0.0	0.0	-56.9	-4.1	-0.4	-20.9	-8.3	0.0	0.0	0.0	1.9	-6.4	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	45.9	3.0	0.0	0.0	0.0	9.3	-44.8	-1.1	-0.1	-15.0	22.2	0.0	0.0	0.0	1.9	24.1	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	176.4	3.0	0.0	0.0	0.0	0.1	-55.5	-4.0	-0.4	-21.0	-0.4	-1.1	0.0	0.0	1.9	1.5	-1.1
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	176.4	3.0	0.0	0.0	0.0	0.1	-55.5	-4.0	-0.4	-21.0	1.3	0.0	-4.3	0.0	3.0	0.0	0.0
EGFP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	40.8	3.0	0.0	0.0	0.0	2.9	-44.1	-0.6	-0.1	-4.8	25.5	27.8	0.0	0.0	1.9	30.4	27.8
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	65.9	3.0	0.0	0.0	0.0	8.4	-48.7	-2.8	-0.2	-10.6	23.9	28.3	0.0	0.0	1.9	25.8	23.3
EinAusfahrt RH	EA-RH-D	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	54.0	3.0	0.0	0.0	0.0	3.4	-45.4	-1.6	-0.1	-2.8	31.5	30.9	0.0	0.0	1.9	33.4	30.9
EinAusfahrt Rest RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	54.4	3.0	0.0	0.0	0.0	3.5	-45.4	-1.6	-0.1	-2.8	25.1	0.0	-4.3	0.0	3.0	34.8	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	67.5	3.0	0.0	0.0	0.0	8.3	-48.7	-2.8	-0.2	-10.5	25.5	0.0	-4.3	0.0	3.0	27.2	0.0
Einf Ausf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	75.6	3.0	0.0	0.0	0.0	5.5	-49.9	-3.0	-0.2	-10.6	18.4	18.4	0.0	0.0	1.9	20.3	18.4
LW-Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	198.4	3.0	0.0	0.0	0.0	0.1	-57.2	-4.1	-0.4	-20.8	-1.4	0.0	-6.0	0.0	0.0	-7.4	0.0
LW-Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	79.4	3.0	0.0	0.0	0.0	5.9	-50.0	-3.0	-0.2	-9.5	15.0	-9.0	0.0	0.0	22.5	0.0	0.0
LW-Anlieferung RH-P	LW-RH-P	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	80.7	3.0	0.0	0.0	0.0	1.3	-49.4	-2.9	-0.2	-12.7	22.1	0.0	-9.0	0.0	0.0	13.1	0.0
PAuffahrt Kurhotel	KH-Ordn	62.0	0.0	lw	2.0	42.1	78.3	0.0	0.0	183.3	3.0	0.0	0.0	0.0	0.7	-55.4	-4.0	-0.4	-11.4	9.8	0.0	0.0	0.0	1.9	11.7	0.0
PAuffahrt Rgrhofe	KH-Ordn	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	55.4	3.0	0.0	0.0	0.0	4.9	-45.2	-1.7	-0.1	-4.5	34.4	0.0	0.0	0.0	1.9	35.3	0.0
RH-Wüfung	RH-B-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	167.3	3.0	0.0	0.0	0.0	0.0	-55.5	-3.5	-0.3	0.0	13.7	13.7	-3.0	-3.0	1.9	12.6	10.7
RH-Wüfung RH	RH-B-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	71.3	3.0	0.0	0.0	0.0	0.0	-61.1	-0.9	-0.1	0.0	23.9	23.9	-3.0	-3.0	1.9	22.8	20.9
Tor RH Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	176.3	6.0	0.0	0.0	0.0	0.0	-55.9	-3.9	-0.3	-16.9	0.5	-0.2	0.0	0.0	1.9	2.4	-0.2
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	176.3	6.0	0.0	0.0	0.0	0.0	-55.9	-3.9	-0.3	-16.9	2.3	0.0	-4.3	0.0	3.0	1.0	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	61.4	6.0	0.0	0.0	0.0	0.2	-46.8	-1.1	-0.1	-1.0	30.2	29.5	0.0	0.0	1.9	32.1	29.5
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	61.4	6.0	0.0	0.0	0.0	0.2	-46.8	-1.1	-0.1	-1.0	34.7	0.0	-4.3	0.0	3.0	33.4	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	74.4	6.0	0.0	0.0	0.0	0.0	-48.4	-2.4	-0.1	-21.5	0.8	0.8	0.0	0.0	1.9	2.7	0.0

Projekt:
Tabelle 11 verknüpfte Rührhotel + Kurhotel V04 als Parkhaus geschlossen

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1088 EG SW-FAS - GEB.: SEESPACE S2 <D>30-7
Lage des Aufpunktes : X= 412.1101 km Y= 6041.6882 km Z= 32.96 m
Tag Nacht
Immission : 52.3 dB(A) 48.9 dB(A)

Emission		mittlere Werte für										L A _T		Zeitzuschläge				Lm								
Emission Name	Ident	Emission		RQ	Anz./L/F/L	Lwges		Korr. Fomell	min. ds	Dc	Df	Drefl	Activ	Agr	Atm	Aor	L A _T		Zeitzuschläge				Lm			
		Tag	Nacht			Tag	Nacht										Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)		/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	Tag	dB	Tag	dB	Tag	dB(A)	dB(A)	
Anlieferung	UKWP	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	136.3	3.0	0.0	0.0	0.0	2.6	-53.8	-4.4	-0.3	-20.6	9.5	0.0	-9.0	0.0	0.0	0.5	0.0
Anlieferung	Laden	55.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	133.0	3.0	0.0	0.0	0.0	4.9	-53.5	-4.3	-0.3	-20.6	24.2	0.0	-9.0	0.0	0.0	15.2	0.0
Anlieferung RH Laden	RH Laden	55.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	131.5	3.0	0.0	0.0	0.0	2.4	-41.0	-2.1	0.0	0.0	57.3	0.0	-9.0	0.0	0.0	48.3	0.0
Auffahrt Kurhotel	Auf KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	129.5	3.0	0.0	0.0	0.0	3.5	-53.7	-4.4	-0.3	0.0	17.4	0.0	0.0	0.0	0.0	17.4	0.0
Auffahrt Rampe	Rampen KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	119.3	3.0	0.0	0.0	0.0	4.0	-53.7	-4.4	-0.3	0.0	23.7	0.0	0.0	0.0	0.0	23.7	0.0
BUS Einfahrt RH	BUS RHE	63.0	0.0	lw	1.0	121.4	83.8	0.0	0.0	181.1	3.0	0.0	0.0	0.0	2.6	-38.9	-1.5	0.0	-0.1	43.9	0.0	-9.0	0.0	0.0	39.9	0.0
BUS EA	RH BUS EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	27.4	3.0	0.0	0.0	0.0	4.2	-40.6	-2.6	-0.1	0.0	37.9	0.0	0.0	0.0	0.0	37.9	0.0
Bustellplätze	KH BUS	52.5	0.0	lw	2.0	35.3	68.0	0.0	0.0	143.9	3.0	0.0	0.0	0.0	2.8	-54.5	-4.5	-0.3	-20.5	-6.0	0.0	0.0	0.0	0.0	-6.0	0.0
Bustellplätze	RH BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	16.6	3.0	0.0	0.0	0.0	2.1	-35.1	-0.2	0.0	0.0	39.8	0.0	0.0	0.0	0.0	39.8	0.0
EA Kurhotel	EA KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	135.3	3.0	0.0	0.0	0.0	0.7	-54.2	-4.4	-0.3	-13.6	9.5	8.8	0.0	0.0	0.0	9.5	8.8
EA Kurhotel Restaura	EA RHH	60.6	0.0	lw	1.0	84.5	79.9	0.0	0.0	135.3	3.0	0.0	0.0	0.0	0.7	-54.3	-4.4	-0.3	-13.6	11.1	0.0	-4.3	0.0	0.0	6.8	0.0
EGPP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	27.5	3.0	0.0	0.0	0.0	2.3	-41.7	-2.7	-0.1	0.0	33.0	32.3	0.0	0.0	0.0	33.0	32.3
EinAus RH	EA RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	19.5	3.0	0.0	0.0	0.0	2.4	-38.9	-1.6	0.0	0.0	39.7	39.1	0.0	0.0	0.0	39.7	39.1
EinAusfahrt RH	EA RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	19.6	3.0	0.0	0.0	0.0	3.3	-40.7	-2.0	-0.1	0.0	39.5	38.9	0.0	0.0	0.0	39.5	38.9
EinAusfahrt Rest RH	EA RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	19.8	3.0	0.0	0.0	0.0	3.3	-40.8	-2.0	-0.1	0.0	43.9	0.0	-4.3	0.0	0.0	39.6	0.0
EinAusfahrt Restau	EA RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	19.6	3.0	0.0	0.0	0.0	2.4	-39.0	-1.7	0.0	-0.1	44.0	0.0	-4.3	0.0	0.0	39.7	0.0
Einf Auf TG	EA TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	30.9	3.0	0.0	0.0	0.0	3.1	-42.3	-3.1	-0.1	0.0	34.2	34.2	0.0	0.0	0.0	34.2	34.2
UKW Anlieferung RH	UKWRH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	23.2	3.0	0.0	0.0	0.0	2.7	-41.9	-2.8	-0.1	-0.4	45.9	0.0	-9.0	0.0	0.0	35.9	0.0
UKW Anlieferung RHP	UKWRHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	33.9	3.0	0.0	0.0	0.0	4.0	-42.2	-3.1	-0.1	0.0	44.6	0.0	-9.0	0.0	0.0	35.6	0.0
PAuffahrt Kurhotel	RH Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	122.2	3.0	0.0	0.0	0.0	2.8	-53.7	-4.4	-0.3	0.0	25.7	0.0	0.0	0.0	0.0	25.7	0.0
PAuffahrt Rührrote	RH Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	26.7	3.0	0.0	0.0	0.0	4.2	-40.6	-2.6	-0.1	0.0	42.9	0.0	0.0	0.0	0.0	42.9	0.0
RHS-Lüftung	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	139.9	3.0	0.0	0.0	0.0	2.5	-53.9	-3.9	-0.3	-21.0	-3.6	-3.6	-3.0	-3.0	0.0	-6.6	-6.6
RHS-Lüftung RH	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	74.1	3.0	0.0	0.0	0.0	2.5	-48.4	-2.6	-0.1	-1.8	22.6	22.6	-3.0	-3.0	0.0	19.6	19.6
Tor Rhs Kurhotel	KH Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	142.9	6.0	0.0	0.0	0.0	0.3	-54.1	-4.4	-0.3	-9.6	9.4	8.7	0.0	0.0	0.0	9.4	8.7
Tor Rhs Kurhotel Res	KH Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	142.9	6.0	0.0	0.0	0.0	0.3	-54.1	-4.4	-0.3	-9.6	11.2	0.0	-4.3	0.0	0.0	6.9	0.0
Tor Rhs RHotel	RH Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	55.7	6.0	0.0	0.0	0.0	4.8	-45.1	-3.0	-0.1	0.0	34.6	33.9	0.0	0.0	0.0	34.6	33.9
Tor Rhs RHotel Rest	RH Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	55.7	6.0	0.0	0.0	0.0	4.8	-45.1	-3.0	-0.1	0.0	39.1	0.0	-4.3	0.0	0.0	34.8	0.0
Tor TG RHotel	TG Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	31.7	6.0	0.0	0.0	0.0	2.4	-41.0	-2.3	0.0	0.0	32.3	32.3	0.0	0.0	0.0	32.3	32.3

Projekt:
Tabelle 11 verknüpfte Rührhotel + Kurhotel V04 als Parkhaus geschlossen

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1089 EG OOFAS - GEB.: BANNOSPACE 12 <D>30-11
Lage des Aufpunktes : X= 412.0139 km Y= 6041.5187 km Z= 27.60 m
Tag Nacht
Immission : 41.0 dB(A) 31.2 dB(A)

Emitent		Emission										mittlere Werte für										L A _T		Zeitzuschläge				L _m	
Name	Ident	Tag Nacht		RQ	Anz./L/F/L	Lw _{ges}		Korr. [Fomell]	min. ds	Dc	Df	Ort		Drefl		Activ	Ag _r	Atm	Aor	Tag Nacht		KZ		RR	L _m (L A _W + KZ + RR)				
		dB(A)	dB(A)			/ m / qm	dB(A)					dB(A)	dB	m	dB					dB	dB	dB	dB		dB	dB(A)	dB(A)	Tag	Nacht
6 Stellpl. KH	PI-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	35.7	3.0	0.0	0.0	0.0	2.2	-42.9	-3.1	-0.1	-4.4	17.9	17.3	0.0	0.0	1.9	19.8	17.3			
Anlieferung	UKWP	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	69.9	3.0	0.0	0.0	0.0	5.4	-43.1	-3.9	-0.1	-6.6	32.7	0.0	-9.0	0.0	0.0	23.7	0.0			
Anlieferung	Laden	55.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	73.8	3.0	0.0	0.0	0.0	3.9	-43.4	-3.7	-0.1	-1.6	43.1	0.0	-9.0	0.0	0.0	39.1	0.0			
Anlieferung RH Laden	RH-Laden	55.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	133.7	3.0	0.0	0.0	0.0	0.0	-53.7	-4.2	-0.3	-19.6	20.2	0.0	-9.0	0.0	0.0	11.2	0.0			
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	95.2	3.0	0.0	0.0	0.0	0.1	-50.6	-4.1	-0.2	-20.9	-3.4	0.0	0.0	0.0	1.9	-1.5	0.0			
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	95.3	3.0	0.0	0.0	0.0	1.0	-50.8	-4.1	-0.2	-20.8	3.1	0.0	0.0	0.0	1.9	5.0	0.0			
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	99.9	83.0	0.0	0.0	144.1	3.0	0.0	0.0	0.0	0.0	-54.3	-4.3	-0.3	-8.1	19.0	0.0	-9.0	0.0	0.0	10.0	0.0			
BUS EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	144.0	3.0	0.0	0.0	0.0	0.0	-54.2	-4.3	-0.3	-20.7	-2.5	0.0	0.0	0.0	1.9	-0.6	0.0			
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	71.6	3.0	0.0	0.0	0.0	5.2	-48.3	-3.9	-0.1	-6.2	29.7	0.0	0.0	0.0	1.9	22.6	0.0			
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	155.1	3.0	0.0	0.0	0.0	0.0	-55.0	-4.4	-0.3	-20.6	-6.3	0.0	0.0	0.0	1.9	-4.4	0.0			
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	27.2	3.0	0.0	0.0	0.0	1.2	-44.6	-3.0	-0.1	-4.8	29.9	29.2	0.0	0.0	1.9	31.8	29.2			
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	27.2	3.0	0.0	0.0	0.0	1.2	-44.6	-3.0	-0.1	-4.8	31.6	0.0	-4.3	0.0	3.0	30.3	0.0			
EGPP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	140.0	3.0	0.0	0.0	0.0	3.9	-54.8	-4.3	-0.3	-19.3	0.4	-0.3	0.0	0.0	1.9	2.3	-0.3			
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	144.9	3.0	0.0	0.0	0.0	0.3	-54.4	-4.3	-0.3	-6.4	12.7	12.1	0.0	0.0	1.9	14.6	12.1			
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	137.1	3.0	0.0	0.0	0.0	0.2	-54.2	-4.2	-0.3	-16.7	3.8	3.2	0.0	0.0	1.9	5.7	3.2			
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	135.9	3.0	0.0	0.0	0.0	0.0	-54.1	-4.2	-0.3	-16.8	8.1	0.0	-4.3	0.0	3.0	6.8	0.0			
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	144.4	3.0	0.0	0.0	0.0	0.3	-54.3	-4.3	-0.3	-6.2	17.6	0.0	-4.3	0.0	3.0	16.3	0.0			
EinF Ausf TG	EA-TG	56.8	56.8	lw	1.0	42.7	73.6	73.6	0.0	127.4	3.0	0.0	0.0	0.0	0.1	-53.6	-4.3	-0.3	-6.5	12.0	12.0	0.0	0.0	1.9	13.9	12.0			
LW-Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	69.0	3.0	0.0	0.0	0.0	4.8	-43.1	-3.9	-0.1	-10.0	23.8	0.0	-6.0	0.0	0.0	17.8	0.0			
LW-Anlieferung RH	LW-RH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	127.2	3.0	0.0	0.0	0.0	0.1	-53.7	-4.3	-0.3	-5.2	25.0	0.0	-9.0	0.0	0.0	16.0	0.0			
LW-Anlieferung RH P	LW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	139.9	3.0	0.0	0.0	0.0	0.0	-53.4	-4.2	-0.3	-11.9	16.0	0.0	-9.0	0.0	0.0	7.9	0.0			
PAuffahrt Kurhotel	KH-Ordnung	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	94.3	3.0	0.0	0.0	0.0	0.0	-50.6	-4.1	-0.2	-20.9	5.5	0.0	0.0	0.0	1.9	7.4	0.0			
PAuffahrt RgRhotel	RH-Ordnung	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	143.7	3.0	0.0	0.0	0.0	0.1	-54.3	-4.3	-0.3	-20.7	2.5	0.0	0.0	0.0	1.9	4.4	0.0			
PS-Wüfung	PS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	30.9	3.0	0.0	0.0	0.0	1.0	-40.8	-2.6	-0.1	-4.9	25.6	25.6	-3.0	-3.0	1.9	24.5	22.6			
PS-Wüfung RH	PS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	129.0	3.0	0.0	0.0	0.0	3.2	-53.4	-3.7	-0.3	-5.2	13.6	13.6	-3.0	-3.0	1.9	12.5	10.6			
Tor PS Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	25.5	6.0	0.0	0.0	0.0	0.0	-39.5	-1.5	0.0	-12.7	23.7	23.0	0.0	0.0	1.9	25.6	23.0			
Tor PS Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	25.5	6.0	0.0	0.0	0.0	0.0	-39.5	-1.5	0.0	-12.7	25.5	0.0	-4.3	0.0	3.0	24.2	0.0			
Tor PS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	137.0	6.0	0.0	0.0	0.0	3.6	-53.7	-4.0	-0.3	-16.9	7.7	7.0	0.0	0.0	1.9	9.6	7.0			
Tor PS RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	137.0	6.0	0.0	0.0	0.0	3.6	-53.7	-4.0	-0.3	-16.9	12.2	0.0	-4.3	0.0	3.0	10.9	0.0			
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	135.3	6.0	0.0	0.0	0.0	0.0	-53.7	-4.2	-0.3	-20.7	-5.7	-5.7	0.0	0.0	1.9	-3.8	-5.7			

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Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1000 1.00 00-FAS - GB.: BAHNSSTRASSE 12 <D>D-11
Lage des Aufpunktes : X= 412.0139 km Y= 604.5187 km Z= 29.80 m
Tag Nacht
Immission : 42.4 dB(A) 33.5 dB(A)

Emission		mittlere Werte für										LAT		Zeitzuschläge				Lm								
Beitrag Name	Ident	Tag	Nacht	RQ	Anz./A/FI	Lwges Tag	Nacht	Korr. Fomell	min ds	Dc	DI	Qref Tag	Nacht	Drefl	Activ	Ag	Atm	Azar	Tag	Nacht	KZ Tag	Nacht	KR Tag	Nacht	Lm (LAF+ZNR)	
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)
6 Stellpl. KH	PL-KH	44.4	43.8	lw'	2.0	75.3	63.2	62.6	0.0	36.9	3.0	0.0	0.0	0.0	2.1	-43.1	-1.3	-0.1	-4.2	19.6	19.0	0.0	0.0	1.9	21.5	19.0
Anlieferung	LW-P	69.2	0.0	lw'	2.0	23.7	83.0	0.0	0.0	70.0	3.0	0.0	0.0	0.0	5.3	-48.0	-3.1	-0.1	-4.6	35.5	0.0	-9.0	0.0	0.0	26.5	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	73.8	3.0	0.0	0.0	0.0	4.0	-48.4	-2.9	-0.1	-1.7	49.9	0.0	-9.0	0.0	0.0	39.9	0.0
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	136.6	3.0	0.0	0.0	0.0	0.0	-53.7	-3.8	-0.3	-16.0	24.2	0.0	-9.0	0.0	0.0	15.2	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	95.1	3.0	0.0	0.0	0.0	0.0	-50.6	-3.5	-0.2	-21.5	-3.5	0.0	0.0	0.0	1.9	-1.6	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	95.4	3.0	0.0	0.0	0.0	1.0	-49.8	-3.6	-0.2	-21.4	3.1	0.0	0.0	0.0	1.9	5.0	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	89.2	82.0	0.0	0.0	144.1	3.0	0.0	0.0	0.0	0.0	-54.3	-3.9	-0.3	-6.7	19.8	0.0	-9.0	0.0	0.0	10.8	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw'	2.0	31.5	74.0	0.0	0.0	144.0	3.0	0.0	0.0	0.0	0.0	-54.2	-4.0	-0.3	-21.0	-2.5	0.0	0.0	0.0	1.9	-0.6	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw'	2.0	70.8	71.0	0.0	0.0	71.7	3.0	0.0	0.0	0.0	5.2	-48.3	-3.1	-0.1	-4.9	22.8	0.0	0.0	0.0	1.9	24.7	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw'	2.0	89.7	71.0	0.0	0.0	156.0	3.0	0.0	0.0	0.0	0.0	-55.0	-4.0	-0.3	-21.0	-6.3	0.0	0.0	0.0	1.9	-4.4	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	27.4	3.0	0.0	0.0	0.0	1.4	-44.9	-1.3	-0.1	-4.0	32.4	31.7	0.0	0.0	1.9	34.3	31.7
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw'	1.0	87.5	80.0	0.0	0.0	27.4	3.0	0.0	0.0	0.0	1.4	-44.9	-1.3	-0.1	-4.0	34.1	0.0	-4.3	0.0	3.0	32.8	0.0
EGFP	PL	44.6	43.9	lw'	2.0	59.2	72.2	71.5	0.0	140.0	3.0	0.0	0.0	0.0	4.1	-54.7	-4.0	-0.3	-15.6	4.6	3.9	0.0	0.0	1.9	6.5	3.9
EinAus RH	EA-RH	59.5	58.9	lw'	1.0	33.6	74.8	74.2	0.0	144.9	3.0	0.0	0.0	0.0	0.3	-54.4	-4.0	-0.3	-3.0	16.5	15.9	0.0	0.0	1.9	18.4	15.9
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	137.0	3.0	0.0	0.0	0.0	0.1	-54.2	-3.8	-0.3	-10.5	10.3	9.7	0.0	0.0	1.9	12.2	9.7
EinAusfahrt Rest. RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	139.0	3.0	0.0	0.0	0.0	0.0	-54.1	-3.8	-0.3	-10.7	14.6	0.0	-4.3	0.0	3.0	13.3	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	144.3	3.0	0.0	0.0	0.0	0.3	-54.3	-3.9	-0.3	-2.9	21.3	0.0	-4.3	0.0	3.0	20.0	0.0
Einr Auf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	127.4	3.0	0.0	0.0	0.0	0.0	-55.5	-3.9	-0.3	-2.1	16.8	16.8	0.0	0.0	1.9	18.7	16.8
LW Anlieferung	LW	63.0	0.0	lw	1.0	32.5	73.1	0.0	0.0	69.0	3.0	0.0	0.0	0.0	6.3	-48.0	-3.0	-0.1	-9.0	27.1	0.0	-6.0	0.0	0.0	21.1	0.0
LW Anlieferung RH	LW-RH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	127.2	3.0	0.0	0.0	0.0	0.2	-53.7	-3.9	-0.3	-1.0	29.7	0.0	-9.0	0.0	0.0	20.7	0.0
LW Anlieferung RH P	LW-RH-P	70.2	0.0	lw'	2.0	19.2	83.0	0.0	0.0	139.9	3.0	0.0	0.0	0.0	0.0	-53.5	-3.8	-0.3	-5.5	22.9	0.0	-9.0	0.0	0.0	13.9	0.0
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	73.3	0.0	0.0	94.2	3.0	0.0	0.0	0.0	0.0	-50.5	-3.5	-0.2	-21.4	5.6	0.0	0.0	0.0	1.9	7.5	0.0
PAuffahrt Rürgerrote	RH-Checkin	62.7	0.0	lw'	2.0	42.7	79.0	0.0	0.0	143.7	3.0	0.0	0.0	0.0	0.1	-54.3	-4.0	-0.3	-21.0	2.5	0.0	0.0	0.0	1.9	4.4	0.0
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	30.7	3.0	0.0	0.0	0.0	0.6	-40.7	-0.2	-0.1	-4.7	27.9	27.9	-3.0	-3.0	1.9	26.8	24.9
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	131.9	3.0	0.0	0.0	0.0	2.5	-53.4	-3.3	-0.2	-1.4	17.1	17.1	-3.0	-3.0	1.9	16.0	14.1
Tor RS Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	26.7	5.9	0.0	0.0	0.0	0.0	-30.6	0.0	0.0	-12.7	25.0	24.3	0.0	0.0	1.9	26.9	24.3
Tor RS Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	26.7	5.9	0.0	0.0	0.0	0.0	-30.6	0.0	-0.1	-12.7	26.8	0.0	-4.3	0.0	3.0	25.5	0.0
Tor RS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	136.9	6.0	0.0	0.0	0.0	3.8	-53.7	-3.7	-0.3	-16.1	9.0	8.3	0.0	0.0	1.9	10.9	8.3
Tor RS RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	136.9	6.0	0.0	0.0	0.0	3.8	-53.7	-3.7	-0.3	-16.1	13.5	0.0	-4.3	0.0	3.0	12.2	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	136.3	6.0	0.0	0.0	0.0	0.0	-53.7	-3.8	-0.3	-21.1	-5.7	-5.7	0.0	0.0	1.9	-3.8	-5.7

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1010 EG 00-FAS - GB.: BAHNSSTRASSE 14 <D>D-12
Lage des Aufpunktes : X= 412.0018 km Y= 604.5341 km Z= 27.18 m
Tag Nacht
Immission : 42.6 dB(A) 35.4 dB(A)

Emission		mittlere Werte für										LAT		Zeitzuschläge				Lm								
Emission Name	Ident	Emission		RQ	Anz./A/FI	Lwges		Korr. Fomell	min. ds	Dc	Df	Drefl	Activ	Ag	Atm	Aaz	LAT		Zeitzuschläge				Lm			
		Tag	Nacht			Tag	Nacht										Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PL-KH	44.4	43.8	lw'	2.0	75.3	63.2	62.6	0.0	29.2	3.0	0.0	0.0	0.0	-41.1	-2.8	-0.1	-3.7	18.4	17.8	0.0	0.0	1.9	20.3	17.8	
Anlieferung	LW-P	69.2	0.0	lw'	2.0	23.7	83.0	0.0	0.0	51.6	3.0	0.0	0.0	0.0	5.7	-45.5	-3.6	-0.1	-7.9	34.6	0.0	-9.0	0.0	0.0	25.6	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	56.3	3.0	0.0	0.0	0.0	3.9	-46.0	-3.4	-0.1	-5.5	46.9	0.0	-9.0	0.0	0.0	37.9	0.0
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	131.8	3.0	0.0	0.0	0.0	1.6	-53.4	-4.2	-0.3	-5.0	36.7	0.0	-9.0	0.0	0.0	27.7	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	76.4	3.0	0.0	0.0	0.0	0.0	-48.8	-4.0	-0.1	-21.0	-1.7	0.0	0.0	0.0	1.9	0.2	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	76.3	3.0	0.0	0.0	0.0	1.9	-48.9	-4.1	-0.2	-20.9	5.9	0.0	0.0	0.0	1.9	7.8	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	89.2	82.0	0.0	0.0	136.7	3.0	0.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-6.9	19.5	0.0	-9.0	0.0	0.0	10.5	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	142.4	3.0	0.0	0.0	0.0	0.2	-54.1	-4.4	-0.3	-20.6	-2.2	0.0	0.0	0.0	1.9	-0.3	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	52.7	3.0	0.0	0.0	0.0	5.3	-46.6	-3.7	-0.1	-6.8	23.1	0.0	0.0	0.0	1.9	25.0	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	89.7	71.0	0.0	0.0	153.3	3.0	0.0	0.0	0.0	0.6	-54.9	-4.4	-0.3	-20.6	-5.6	0.0	0.0	0.0	1.9	-3.7	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	73.3	77.6	0.0	22.1	3.0	0.0	0.0	0.0	1.8	-41.6	-2.1	-0.1	-8.8	30.4	29.7	0.0	0.0	1.9	32.3	29.7
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	22.1	3.0	0.0	0.0	0.0	1.8	-41.6	-2.1	-0.1	-8.8	32.1	0.0	-4.3	0.0	3.0	30.8	0.0
EGFP	PL	44.6	43.9	lw'	2.0	59.2	72.2	71.5	0.0	140.5	3.0	0.0	0.0	0.0	0.1	-54.7	-4.4	-0.3	-10.1	-3.2	-3.9	0.0	0.0	1.9	-1.3	-3.9
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	137.6	3.0	0.0	0.0	0.0	1.3	-54.0	-4.4	-0.3	-6.0	14.4	13.8	0.0	0.0	1.9	16.3	13.8
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	138.3	3.0	0.0	0.0	0.0	0.0	-54.1	-4.2	-0.3	-11.1	9.3	8.7	0.0	0.0	1.9	11.2	8.7
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	138.1	3.0	0.0	0.0	0.0	0.0	-54.1	-4.2	-0.3	-11.2	13.7	0.0	-4.3	0.0	3.0	12.4	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	137.0	3.0	0.0	0.0	0.0	1.3	-53.9	-4.4	-0.3	-6.1	19.0	0.0	-4.3	0.0	3.0	17.7	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	42.2	73.6	73.6	0.0	120.7	3.0	0.0	0.0	0.0	0.2	-43.1	-4.3	-0.2	-6.6	13.6	13.6	0.0	0.0	1.9	15.5	13.6
LW-Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	59.0	3.0	0.0	0.0	0.0	4.5	-46.2	-3.6	-0.1	-10.1	26.6	0.0	-6.0	0.0	0.0	20.6	0.0
LW-Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	120.5	3.0	0.0	0.0	0.0	0.0	-53.4	-4.3	-0.2	-10.3	23.3	0.0	-9.0	0.0	0.0	11.3	0.0
LW-Anlieferung RH P	LW-RHP	70.2	0.0	lw'	2.0	19.2	83.0	0.0	0.0	125.4	3.0	0.0	0.0	0.0	0.6	-53.2	-4.3	-0.2	-0.5	28.4	0.0	-9.0	0.0	0.0	19.4	0.0
PAuffahrt Kurhotel	KH-Chordin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	75.8	3.0	0.0	0.0	0.0	0.0	-48.8	-4.0	-0.1	-21.0	7.4	0.0	0.0	0.0	1.9	9.3	0.0
PAuffahrt Rgrrote	EA-Chordin	62.7	0.0	lw'	2.0	42.7	79.0	0.0	0.0	142.4	3.0	0.0	0.0	0.0	0.2	-54.1	-4.4	-0.3	-20.6	2.8	0.0	0.0	0.0	1.9	4.7	0.0
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	33.1	3.0	0.0	0.0	0.0	0.0	-42.6	-3.2	-0.1	-3.3	23.8	23.8	-3.0	-3.0	1.9	22.7	20.8
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	155.2	3.0	0.0	0.0	0.0	0.7	-53.7	-3.8	-0.3	-4.2	11.7	11.7	-3.0	-3.0	1.9	10.6	8.7
Tor RS Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	22.3	6.0	0.0	0.0	0.0	0.0	-30.0	-0.7	0.0	-4.6	34.2	33.5	0.0	0.0	1.9	36.1	33.5
Tor RS Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	22.3	6.0	0.0	0.0	0.0	0.0	-30.0	-0.7	0.0	-4.6	36.0	0.0	-4.3	0.0	3.0	34.7	0.0
Tor RS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	138.8	6.0	0.0	0.0	0.0	0.0	-33.8	-4.1	-0.3	-2.5	13.3	17.6	0.0	0.0	1.9	20.2	17.6
Tor RS RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	138.8	6.0	0.0	0.0	0.0	0.0	-33.8	-4.1	-0.3	-2.5	22.8	0.0	-4.3	0.0	3.0	21.5	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	123.3	6.0	0.0	0.0	0.0	0.3	-53.4	-4.2	-0.3	-17.7	-2.1	-2.1	0.0	0.0	1.9	-0.2	-2.1

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : B010 1.0G 00-FAS - GB.: BANNOSIRKE 14 <D>D-12
Lage des Aufpunktes : X= 412.6818 km Y= 6041.5341 km Z= 29.98 m
Tag Nacht
Immission : 45.6 dB(A) 37.8 dB(A)

Emission		Korr.		min.		mittlere Werte für										L A T		Zeitzuschläge		Lm							
Ident																											
Name	Ident	Tag	Nacht	RQ	Anz./L/F	Lwges	Fomel	ds	Dc	DI	Qref	Dref	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	(L A T+KEZ+KR)	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)		/m /qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB(A)	dB(A)	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	29.4	3.0	0.0	0.0	0.0	-41.2	-0.6	-0.1	-3.9	29.4	19.8	0.0	0.0	1.9	22.3	19.8		
Anlieferung	LW-P	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	51.6	3.0	0.0	0.0	5.9	-45.6	-2.4	-0.1	-4.7	39.1	0.0	-9.0	0.0	0.0	30.1	0.0		
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	55.3	3.0	0.0	0.0	3.8	-46.0	-2.3	-0.1	-2.5	59.9	0.0	-9.0	0.0	0.0	41.9	0.0		
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	131.8	3.0	0.0	0.0	1.6	-53.4	-3.8	-0.2	-5.0	37.1	0.0	-9.0	0.0	0.0	28.1	0.0		
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	76.5	3.0	0.0	0.0	0.0	-48.8	-3.3	-0.1	-21.7	-1.7	0.0	0.0	0.0	1.9	0.2	0.0		
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	76.6	3.0	0.0	0.0	3.1	-40.0	-3.3	-0.2	-21.6	7.0	0.0	0.0	0.0	1.9	8.9	0.0		
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	142.4	3.0	0.0	0.0	0.2	-54.1	-4.0	-0.3	-21.0	-2.2	0.0	0.0	0.0	1.9	-0.3	0.0		
Busstellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	52.7	3.0	0.0	0.0	5.2	-45.6	-2.5	-0.1	-5.1	25.9	0.0	0.0	0.0	1.9	27.8	0.0		
Busstellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	53.3	3.0	0.0	0.0	0.2	-54.9	-4.1	-0.3	-20.9	-6.0	0.0	0.0	0.0	1.9	-4.1	0.0		
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	22.4	3.0	0.0	0.0	2.2	-41.7	-0.6	-0.1	-6.9	34.1	33.4	0.0	0.0	1.9	35.0	33.4		
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	89.0	0.0	0.0	22.4	3.0	0.0	0.0	2.2	-41.7	-0.6	-0.1	-6.9	35.8	0.0	-4.3	0.0	3.0	34.5	0.0		
EGP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	149.5	3.0	0.0	0.0	0.1	-54.7	-4.0	-0.3	-19.2	-2.9	-3.6	0.0	0.0	1.9	-1.0	-3.6		
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	137.6	3.0	0.0	0.0	1.2	-53.9	-4.0	-0.3	-5.6	15.2	14.6	0.0	0.0	1.9	17.1	14.6		
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	133.3	3.0	0.0	0.0	0.0	-54.2	-3.8	-0.3	-10.2	10.5	9.9	0.0	0.0	1.9	12.4	9.9		
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	131.1	3.0	0.0	0.0	0.0	-54.1	-3.8	-0.3	-10.3	15.0	0.0	-4.3	0.0	3.0	13.7	0.0		
EinAusfahrt Restau	EA-RH	61.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	136.9	3.0	0.0	0.0	1.2	-53.9	-4.0	-0.3	-5.7	19.7	0.0	-4.3	0.0	3.0	18.4	0.0		
EinF Auf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	120.7	3.0	0.0	0.0	0.1	-53.2	-3.9	-0.2	-6.0	13.4	13.4	0.0	0.0	1.9	15.3	13.4		
LW Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	59.1	3.0	0.0	0.0	5.5	-45.3	-2.3	-0.1	-9.2	29.7	0.0	-6.0	0.0	0.0	23.7	0.0		
LW Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	129.5	3.0	0.0	0.0	0.4	-53.3	-3.9	-0.2	-9.6	21.8	0.0	-9.0	0.0	0.0	12.8	0.0		
LW Anlieferung RH P	LW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	125.4	3.0	0.0	0.0	0.5	-53.1	-3.9	-0.2	-9.0	29.3	0.0	-9.0	0.0	0.0	20.3	0.0		
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	75.8	3.0	0.0	0.0	0.0	-48.8	-3.3	-0.1	-21.8	7.4	0.0	0.0	0.0	1.9	9.3	0.0		
PAuffahrt Rürgerote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	142.4	3.0	0.0	0.0	0.2	-54.1	-4.0	-0.3	-21.0	2.8	0.0	0.0	0.0	1.9	4.7	0.0		
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	37.9	3.0	0.0	0.0	0.0	-42.6	-1.3	-0.1	-3.4	25.6	25.6	-3.0	-3.0	1.9	24.5	22.6		
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	136.1	3.0	0.0	0.0	1.5	-53.7	-3.4	-0.2	-1.3	15.8	15.8	-3.0	-3.0	1.9	14.7	12.8		
Tor Rb Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	22.6	5.9	0.0	0.0	0.0	-38.1	0.0	0.0	-3.3	35.0	35.3	0.0	0.0	1.9	37.9	35.3		
Tor Rb Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	22.6	5.9	0.0	0.0	0.0	-38.1	0.0	0.0	-3.3	37.8	0.0	-4.3	0.0	3.0	36.5	0.0		
Tor Rb RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	138.7	6.0	0.0	0.0	0.0	-53.8	-3.7	-0.3	0.0	21.2	20.5	0.0	0.0	1.9	23.1	20.5		
Tor Rb RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	138.7	6.0	0.0	0.0	0.0	-53.8	-3.7	-0.3	0.0	25.7	0.0	-4.3	0.0	3.0	24.4	0.0		
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	132.2	6.0	0.0	0.0	0.1	-53.4	-3.8	-0.2	-13.4	2.4	2.4	0.0	0.0	1.9	4.3	2.4		

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : B012 EG 00-FAS - GB.: BANNOSIRKE 16 <D>D-13
Lage des Aufpunktes : X= 411.9994 km Y= 6041.557 km Z= 28.66 m
Tag Nacht
Immission : 43.9 dB(A) 33.2 dB(A)

Benutzer Name	Ident	Emission		RQ	Anz./L/F	Lwges		Korr. Formel	min. dB	Dc	Df	Dref	mittlere Werte für						L A T		Zeitzuschläge			Lm		
		Tag	Nacht			Tag	Nacht						Tag	Nacht	Dref	Activ	Agr	Atm	Aor	Tag	Nacht	KEZ	KR	(L A T+KEZ+KR)	Tag	Nacht
		dB(A)	dB(A)			/m /qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	33.0	3.0	0.0	0.0	0.0	1.9	-42.0	-3.0	-0.1	-5.1	17.8	17.2	0.0	0.0	1.9	19.7	17.2
Anlieferung	LW-P	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	26.2	3.0	0.0	0.0	0.0	4.3	-39.9	-2.3	-0.1	-9.2	38.8	0.0	-9.0	0.0	0.0	29.8	0.0
Anlieferung	Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	32.7	3.0	0.0	0.0	0.0	3.8	-41.3	-2.2	-0.1	-7.2	51.0	0.0	-9.0	0.0	0.0	42.0	0.0
Anlieferung RH Ladn	RH-Ladn	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	124.8	3.0	0.0	0.0	0.0	0.0	-52.9	-4.2	-0.2	-20.9	19.8	0.0	-9.0	0.0	0.0	10.8	0.0
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	59.3	3.0	0.0	0.0	0.0	0.0	-45.3	-3.7	-0.1	-21.3	1.9	0.0	0.0	0.0	1.9	3.8	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	50.0	3.0	0.0	0.0	0.0	0.1	-45.7	-3.8	-0.1	-21.2	7.4	0.0	0.0	0.0	1.9	9.3	0.0
Bus Einfahrt RH	Bus-RHE	63.0	0.0	lw	1.0	89.2	82.0	0.0	0.0	127.4	3.0	0.0	0.0	0.0	0.0	-53.6	-4.4	-0.3	-20.6	6.1	0.0	-9.0	0.0	0.0	-2.9	0.0
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	139.3	3.0	0.0	0.0	0.0	0.0	-53.9	-4.4	-0.3	-20.6	-2.2	0.0	0.0	0.0	1.9	-0.3	0.0
Busstellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	25.1	3.0	0.0	0.0	0.0	2.6	-39.7	-2.2	-0.1	-6.4	28.2	0.0	0.0	0.0	1.9	30.1	0.0
Busstellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	148.4	3.0	0.0	0.0	0.0	0.0	-54.6	-4.5	-0.3	-20.5	-5.9	0.0	0.0	0.0	1.9	-4.0	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	19.2	3.0	0.0	0.0	0.0	2.9	-38.6	-1.6	0.0	-11.3	32.8	32.1	0.0	0.0	1.9	34.7	32.1
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	89.0	0.0	0.0	19.2	3.0	0.0	0.0	0.0	2.9	-38.6	-1.6	0.0	-11.3	34.5	0.0	-4.3	0.0	3.0	32.2	0.0
EGP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	147.2	3.0	0.0	0.0	0.0	0.2	-54.7	-4.4	-0.3	-20.6	-4.6	-5.3	0.0	0.0	1.9	-2.7	-5.3
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	128.4	3.0	0.0	0.0	0.0	0.0	-53.4	-4.4	-0.3	-20.6	-0.9	-1.5	0.0	0.0	1.9	1.0	-1.5
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	135.5	3.0	0.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-20.6	-0.3	-0.9	0.0	0.0	1.9	1.6	-0.9
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	138.2	3.0	0.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-20.6	4.2	0.0	-4.3	0.0	3.0	2.9	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	127.7	3.0	0.0	0.0	0.0	0.0	-53.3	-4.4	-0.3	-20.6	3.8	0.0	-4.3	0.0	3.0	2.5	0.0
Einf Ausf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	111.2	3.0	0.0	0.0	0.0	0.0	-52.5	-4.3	-0.2	-20.7	-1.1	-1.1	0.0	0.0	1.9	0.8	-1.1
UW-Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	23.4	3.0	0.0	0.0	0.0	2.2	-39.3	-1.8	0.0	-10.1	32.1	0.0	-6.0	0.0	0.0	25.1	0.0
UW-Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	111.1	3.0	0.0	0.0	0.0	0.0	-52.6	-4.3	-0.2	-20.7	10.6	0.0	-9.0	0.0	0.0	1.6	0.0
UW-Anlieferung RH P	LW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	117.8	3.0	0.0	0.0	0.0	0.0	-52.7	-4.3	-0.2	-20.7	8.1	0.0	-9.0	0.0	0.0	-0.9	0.0
PAuffahrt Kurhotel	KH-OrdnK	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	49.8	3.0	0.0	0.0	0.0	0.0	-45.2	-3.7	-0.1	-21.3	11.0	0.0	0.0	0.0	1.9	12.9	0.0
PAuffahrt Rgrhofe	KH-OrdnK	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	139.5	3.0	0.0	0.0	0.0	0.0	-53.9	-4.4	-0.3	-20.6	2.8	0.0	0.0	0.0	1.9	4.7	0.0
R6-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	55.1	3.0	0.0	0.0	0.0	1.1	-45.8	-3.7	-0.1	-1.4	23.1	23.1	-3.0	-3.0	1.9	22.0	20.1
R6-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	144.5	3.0	0.0	0.0	0.0	0.0	-54.0	-4.0	-0.3	-13.0	1.7	1.7	-3.0	-3.0	1.9	0.6	-1.3
Tor RS Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	35.2	6.0	0.0	0.0	0.0	0.5	-41.9	-2.6	-0.1	-7.8	25.6	24.9	0.0	0.0	1.9	27.5	24.9
Tor RS Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	35.2	6.0	0.0	0.0	0.0	0.5	-41.9	-2.6	-0.1	-7.8	27.4	0.0	-4.3	0.0	3.0	25.1	0.0
Tor RS RHhotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	140.7	6.0	0.0	0.0	0.0	0.0	-54.0	-4.1	-0.3	-20.8	-0.2	-0.9	0.0	0.0	1.9	1.7	-0.9
Tor RS RHhotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	140.7	6.0	0.0	0.0	0.0	0.0	-54.0	-4.1	-0.3	-20.8	4.3	0.0	-4.3	0.0	3.0	3.0	0.0
Tor TG RHhotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	126.4	6.0	0.0	0.0	0.0	0.6	-53.0	-4.3	-0.2	-20.8	-4.5	-4.5	0.0	0.0	1.9	-2.6	-4.4

Projekt:
Tabelle 11 verknüpfte Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : B012 1.0G 00-FS. - GB.: BAHNSTRASSE 16 <D>D-13
Lage des Aufpunktes : X= 411.9994 km Y= 6041.557 km Z= 30.86 m
Tag Nacht
Immission : 49.5 dB(A) 38.4 dB(A)

Emission		Korr.										mittlere Werte für										LAT		Zeitraum				Im	
Beitrag	Ident.	Tag Nacht		RQ	Anz./L/F	Lwges		Formel		min.	Dc	Df	Qref	Drefl		Activ	Ag	Atm	Agr	Tag	Tag Nacht		Tag	Nacht	KZ	HR	(LAT+KZ+HR)		
		dB(A)	dB(A)			/m /qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	33.3	3.0	0.0	0.0	0.0	2.0	-42.1	-1.1	-0.1	-3.7	21.2	20.6	0.0	0.0	1.9	23.1	20.6			
Anlieferung	LKW	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	26.4	3.0	0.0	0.0	0.0	3.3	-40.0	0.0	-0.1	-4.7	44.5	0.0	-9.0	0.0	0.0	35.5	0.0			
Anlieferung	Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	32.8	2.9	0.0	0.0	0.0	4.0	-41.3	0.0	-0.1	-3.6	55.9	0.0	-9.0	0.0	0.0	47.9	0.0			
Anlieferung RH Laden	RH-Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	124.8	3.0	0.0	0.0	0.0	0.0	-52.9	-3.8	-0.2	-21.2	19.9	0.0	-9.0	0.0	0.0	10.9	0.0			
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	50.4	3.0	0.0	0.0	0.0	0.0	-45.4	-2.5	-0.1	-22.6	1.8	0.0	0.0	0.0	1.9	3.7	0.0			
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	50.0	3.0	0.0	0.0	0.0	0.5	-45.7	-2.6	-0.1	-22.4	7.8	0.0	0.0	0.0	1.9	9.7	0.0			
Bus EA	RHBus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	139.3	3.0	0.0	0.0	0.0	0.0	-53.9	-4.0	-0.3	-21.0	-2.2	0.0	0.0	0.0	1.9	-0.3	0.0			
Busstellplätze	KHBus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	26.3	3.0	0.0	0.0	0.0	3.6	-39.7	0.0	-0.1	-6.0	31.7	0.0	0.0	0.0	1.9	33.6	0.0			
Busstellplätze	RHBus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	148.3	3.0	0.0	0.0	0.0	0.0	-54.6	-4.1	-0.3	-20.9	-5.9	0.0	0.0	0.0	1.9	-4.0	0.0			
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	19.6	3.0	0.0	0.0	0.0	3.6	-38.8	0.0	0.0	-8.0	38.1	37.4	0.0	0.0	1.9	40.0	37.4			
EA Kurhotel Restau	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	19.6	3.0	0.0	0.0	0.0	3.6	-38.8	0.0	0.0	-8.0	39.8	0.0	-4.3	0.0	3.0	38.5	0.0			
EGPP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	147.2	3.0	0.0	0.0	0.0	0.2	-54.7	-4.1	-0.3	-20.9	-4.6	-5.3	0.0	0.0	1.9	-2.7	-5.3			
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	129.1	3.0	0.0	0.0	0.0	0.5	-53.4	-4.0	-0.3	-21.0	-0.4	-1.0	0.0	0.0	1.9	1.5	-1.0			
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	139.0	3.0	0.0	0.0	0.0	0.1	-54.0	-4.0	-0.3	-21.0	-0.2	-0.8	0.0	0.0	1.9	1.7	-0.8			
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	138.8	3.0	0.0	0.0	0.0	0.0	-54.0	-4.0	-0.3	-21.0	4.2	0.0	-4.3	0.0	3.0	2.9	0.0			
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	126.6	3.0	0.0	0.0	0.0	0.5	-53.3	-4.0	-0.2	-21.0	4.3	0.0	-4.3	0.0	3.0	3.0	0.0			
Einf Auf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	111.6	3.0	0.0	0.0	0.0	0.3	-52.6	-3.9	-0.2	-21.2	-0.9	-0.9	0.0	0.0	1.9	1.0	-0.9			
LKW Anlieferung	LKW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	23.6	2.9	0.0	0.0	0.0	3.4	-39.2	0.0	0.0	-8.8	35.4	0.0	-6.0	0.0	0.0	30.4	0.0			
LKW Anlieferung RH	LKW-RH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	111.4	3.0	0.0	0.0	0.0	0.2	-52.7	-3.9	-0.2	-21.2	10.7	0.0	-9.0	0.0	0.0	1.7	0.0			
LKW Anlieferung RH P	LKW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	117.8	3.0	0.0	0.0	0.0	0.0	-52.6	-3.9	-0.2	-21.2	8.1	0.0	-9.0	0.0	0.0	-0.9	0.0			
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	49.9	3.0	0.0	0.0	0.0	0.0	-45.2	-2.4	-0.1	-22.6	11.0	0.0	0.0	0.0	1.9	12.9	0.0			
PAuffahrt Rührrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	139.5	3.0	0.0	0.0	0.0	0.0	-53.9	-4.0	-0.3	-21.0	2.8	0.0	0.0	0.0	1.9	4.7	0.0			
RHS-Lüftung	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	55.0	3.0	0.0	0.0	0.0	1.2	-45.8	-2.5	-0.1	-2.0	23.8	23.8	-3.0	-3.0	1.9	22.7	20.8			
RHS-Lüftung RH	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	141.4	3.0	0.0	0.0	0.0	0.0	-54.0	-3.6	-0.3	-11.6	3.5	3.5	-3.0	-3.0	1.9	2.4	0.5			
Tor Rhs Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	35.4	6.0	0.0	0.0	0.0	0.8	-42.0	-0.6	-0.1	-4.3	31.3	30.6	0.0	0.0	1.9	33.2	30.6			
Tor Rhs Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	35.4	6.0	0.0	0.0	0.0	0.8	-42.0	-0.6	-0.1	-4.3	33.1	0.0	-4.3	0.0	3.0	31.8	0.0			
Tor Rhs RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	140.7	6.0	0.0	0.0	0.0	0.0	-54.0	-3.8	-0.3	-21.0	-0.1	-0.8	0.0	0.0	1.9	1.8	-0.8			
Tor Rhs RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	140.7	6.0	0.0	0.0	0.0	0.0	-54.0	-3.8	-0.3	-21.0	4.4	0.0	-4.3	0.0	3.0	31.1	-0.8			
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	126.3	6.0	0.0	0.0	0.0	0.6	-53.0	-3.8	-0.2	-21.3	-4.5	-4.5	0.0	0.0	1.9	-2.6	-4.5			

Projekt:
Tabelle 11 verknüpfte Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

Seite
23

Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : B013 EG 00-FS. - GB.: BAHNSTRASSE 17 <D>D-14
Lage des Aufpunktes : X= 411.9855 km Y= 6041.5534 km Z= 28.35 m
Tag Nacht
Immission : 48.1 dB(A) 35.0 dB(A)

Emission		Emission		RQ	Anz./L/F	Lwges		Korr. Fomell	min. ds	Dc	Df	Drefl	mittlere Werte für										LAT		Zeitzuschläge			Im	
Ident.		Tag	Nacht			Tag	Nacht						Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag
		dB(A)	dB(A)			/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	35.1	3.0	0.0	0.0	0.0	5.5	-42.8	-3.2	-0.1	-10.9	14.7	14.1	0.0	0.0	1.9	16.6	14.1			
Anlieferung	LKW	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	20.7	3.0	0.0	0.0	0.0	2.8	-38.2	-1.5	0.0	-5.2	43.9	0.0	-9.0	0.0	0.0	34.9	0.0			
Anlieferung	Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	27.9	3.0	0.0	0.0	0.0	4.3	-39.9	-1.6	-0.1	-3.5	57.2	0.0	-9.0	0.0	0.0	48.2	0.0			
Anlieferung RH Laden	RH-Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	123.9	3.0	0.0	0.0	0.0	0.0	-52.9	-4.2	-0.2	-20.8	19.9	0.0	-9.0	0.0	0.0	10.9	0.0			
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	44.2	3.0	0.0	0.0	0.0	0.0	-44.3	-3.5	-0.1	-21.5	2.9	0.0	0.0	0.0	1.9	4.8	0.0			
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	43.7	3.0	0.0	0.0	0.0	0.3	-44.7	-3.6	-0.1	-21.4	8.6	0.0	0.0	0.0	1.9	10.5	0.0			
Bus EA	RHBus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	139.2	3.0	0.0	0.0	0.0	0.0	-53.9	-4.4	-0.3	-20.6	-2.2	0.0	0.0	0.0	1.9	-0.3	0.0			
Busstellplätze	KHBus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	19.8	3.0	0.0	0.0	0.0	3.2	-37.6	-1.1	0.0	-7.2	31.4	0.0	0.0	0.0	1.9	33.3	0.0			
Busstellplätze	RHBus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	147.8	3.0	0.0	0.0	0.0	0.0	-54.6	-4.5	-0.3	-20.5	-5.9	0.0	0.0	0.0	1.9	-4.0	0.0			
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	17.0	3.0	0.0	0.0	0.0	3.1	-37.7	-0.7	0.0	-10.7	35.3	34.6	0.0	0.0	1.9	37.2	34.6			
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	17.0	3.0	0.0	0.0	0.0	3.1	-37.7	-0.7	0.0	-10.7	37.0	0.0	-4.3	0.0	3.0	35.7	0.0			
EGPP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	147.3	3.0	0.0	0.0	0.0	0.2	-54.7	-4.4	-0.3	-20.6	-4.6	-5.3	0.0	0.0	1.9	-2.7	-5.3			
EinBus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	127.3	3.0	0.0	0.0	0.0	0.0	-53.4	-4.4	-0.2	-20.6	-0.8	-1.4	0.0	0.0	1.9	1.1	-1.4			
EinBusfahrt RH	EA-RH-D	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	139.1	3.0	0.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-20.6	-0.3	-0.9	0.0	0.0	1.9	1.6	-0.9			
EinBusfahrt Rest. RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	85.5	0.0	0.0	139.0	3.0	0.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-20.6	4.2	0.0	-4.3	0.0	3.0	2.9	0.0			
EinBusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	126.8	3.0	0.0	0.0	0.0	0.0	-53.3	-4.4	-0.2	-20.6	3.9	0.0	-4.3	0.0	3.0	2.6	0.0			
EinF AufT TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	110.2	3.0	0.0	0.0	0.0	0.0	-52.4	-4.3	-0.2	-20.7	-1.0	-1.0	0.0	0.0	1.9	0.9	-1.0			
LW-Anlieferung	LW	65.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	17.1	3.0	0.0	0.0	0.0	3.1	-37.2	0.0	0.0	-10.9	35.1	0.0	-6.0	0.0	0.0	39.1	0.0			
LW-Anlieferung RH	LW-RH	65.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	110.1	3.0	0.0	0.0	0.0	0.1	-52.6	-4.3	-0.2	-20.7	10.7	0.0	-9.0	0.0	0.0	1.7	0.0			
LW-Anlieferung RH P	LW-RH-P	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	116.8	3.0	0.0	0.0	0.0	0.0	-52.6	-4.3	-0.2	-20.7	8.2	0.0	-9.0	0.0	0.0	-0.8	0.0			
PAuffahrt Kurhotel	KH-Ordexin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	43.8	3.0	0.0	0.0	0.0	0.0	-44.2	-3.5	-0.1	-21.5	2.0	0.0	0.0	0.0	1.9	13.9	0.0			
PAuffahrt Rgerhofe	KH-Ordexin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	139.4	3.0	0.0	0.0	0.0	0.0	-53.9	-4.4	-0.3	-20.6	2.8	0.0	0.0	0.0	1.9	4.7	0.0			
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	60.1	3.0	0.0	0.0	0.0	2.5	-46.6	-3.4	-0.1	-3.6	21.8	21.8	-3.0	-3.0	1.9	20.7	18.8			
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	143.4	3.0	0.0	0.0	0.0	0.0	-54.1	-4.5	-0.3	-20.5	-6.4	-6.4	-3.0	-3.0	1.9	-7.5	-9.4			
Tor RH Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	48.2	6.0	0.0	0.0	0.0	0.0	-43.1	-3.0	-0.1	-9.3	22.0	21.3	0.0	0.0	1.9	23.9	21.3			
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.0	0.0	0.0	40.2	6.0	0.0	0.0	0.0	0.0	-43.1	-3.0	-0.1	-9.3	23.8	0.0	-4.3	0.0	3.0	22.5	0.0			
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	141.9	6.0	0.0	0.0	0.0	0.0	-54.0	-4.1	-0.3	-20.9	-0.3	-1.0	0.0	0.0	1.9	1.6	-1.0			
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	141.9	6.0	0.0	0.0	0.0	0.0	-54.0	-4.1	-0.3	-20.9	4.2	0.0	-4.3	0.0	3.0	2.9	0.0			
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	125.7	6.0	0.0	0.0	0.0	0.0	-53.0	-4.3	-0.2	-20.7	-5.0	-5.0	0.0	0.0	1.9	-3.1	-5.0			

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1013 1.0G 00-FAS - GB.: BAHNSIRKE 17 <D>30-14

Lage des Aufpunktes : X= 411.985 km Y= 6041.534 km Z= 31.16 m

Tag Nacht
Immission : 53.8 dB(A) 39.6 dB(A)

Emission Name	Ident	Emission																mittlere Werte für								L A T		Zeitzuschläge				Im	
		Tag		Nacht		RQ	Anz./L/FI	Lwges		Korr. Fomell	min. ds	Dc	DI	Ort		Drefl	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	Tag	Nacht	Tag	Nacht					
		dB(A)	dB(A)	/ m / qm	dB(A)			dB(A)	dB					m	dB														dB	dB	dB	dB	dB
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	36.4	3.0	0.0	0.0	0.0	2.1	-43.0	-1.4	-0.1	-4.1	19.7	19.1	0.0	0.0	1.9	21.6	19.1							
Anlieferung	LW-P	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	21.0	2.9	0.0	0.0	0.0	3.3	-38.2	0.0	0.0	-3.9	47.1	0.0	-9.0	0.0	0.0	33.1	0.0							
Anlieferung	Ladn	55.0	0.0	lw	0.0	1.0	55.0	0.0	0.0	25.0	2.9	0.0	0.0	0.0	4.0	-39.9	0.0	0.0	0.0	62.0	0.0	-9.0	0.0	0.0	53.0	0.0							
Anlieferung RH Ladn	RH-Ladn	55.0	0.0	lw	0.0	1.0	55.0	0.0	0.0	123.9	3.0	0.0	0.0	0.0	0.0	-52.9	-3.8	-0.2	-21.2	19.9	0.0	-9.0	0.0	0.0	10.9	0.0							
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	44.2	3.0	0.0	0.0	0.0	0.0	-44.3	-2.1	-0.1	-22.9	2.9	0.0	0.0	0.0	1.9	4.8	0.0							
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	43.8	3.0	0.0	0.0	0.0	0.7	-44.7	-2.2	-0.1	-22.8	9.0	0.0	0.0	0.0	1.9	10.9	0.0							
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	139.2	3.0	0.0	0.0	0.0	0.0	-53.9	-4.0	-0.3	-21.0	2.2	0.0	0.0	0.0	1.9	-0.3	0.0							
Busstellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	20.1	2.9	0.0	0.0	0.0	3.2	-37.6	0.0	0.0	-3.8	35.7	0.0	0.0	0.0	1.9	37.6	0.0							
Busstellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	147.8	3.0	0.0	0.0	0.0	0.0	-54.6	-4.1	-0.3	-20.9	5.9	0.0	0.0	0.0	1.9	-4.0	0.0							
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	17.3	2.9	0.0	0.0	0.0	3.6	-37.6	-0.1	0.0	-7.3	39.8	39.1	0.0	0.0	1.9	41.7	39.1							
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	17.3	2.9	0.0	0.0	0.0	3.6	-37.6	-0.1	0.0	-7.3	41.5	0.0	-4.3	0.0	3.0	40.2	0.0							
EGPP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	147.3	3.0	0.0	0.0	0.0	0.0	-54.7	-4.1	-0.3	-20.9	-4.8	-5.5	0.0	0.0	1.9	-2.9	-5.5							
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	127.2	3.0	0.0	0.0	0.0	0.5	-53.4	-4.0	-0.2	-21.1	-0.3	-0.9	0.0	0.0	1.9	1.6	-0.9							
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	139.1	3.0	0.0	0.0	0.0	0.0	-54.0	-4.0	-0.3	-21.0	-0.3	-0.9	0.0	0.0	1.9	1.6	-0.9							
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	139.0	3.0	0.0	0.0	0.0	0.0	-54.0	-4.0	-0.3	-21.0	4.2	0.0	-4.3	0.0	3.0	2.9	0.0							
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	126.8	3.0	0.0	0.0	0.0	0.5	-53.3	-4.0	-0.2	-21.0	4.4	0.0	-4.3	0.0	3.0	3.1	0.0							
Einf Auf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	110.2	3.0	0.0	0.0	0.0	0.3	-52.4	-3.9	-0.2	-21.1	-0.7	-0.7	0.0	0.0	1.9	1.2	-0.7							
LW Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	17.4	2.9	0.0	0.0	0.0	3.5	-37.0	0.0	0.0	-8.1	39.5	0.0	-6.0	0.0	0.0	33.5	0.0							
LW Anlieferung RH	LW-RH	65.0	0.0	lw	1.0	0.9	65.0	0.0	0.0	19.7	3.0	0.0	0.0	0.0	0.0	-51.8	-3.8	-0.2	-21.2	-8.5	0.0	-9.0	0.0	0.0	-17.5	0.0							
LW Anlieferung RH P	LW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	116.8	3.0	0.0	0.0	0.0	0.0	-52.5	-3.9	-0.2	-21.1	8.2	0.0	-9.0	0.0	0.0	-0.8	0.0							
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	43.9	3.0	0.0	0.0	0.0	0.0	-44.2	-2.1	-0.1	-22.9	12.0	0.0	0.0	0.0	1.9	13.9	0.0							
PAuffahrt Rürgerrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	139.3	3.0	0.0	0.0	0.0	0.0	-53.9	-4.0	-0.3	-21.0	2.8	0.0	0.0	0.0	1.9	4.7	0.0							
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	60.0	3.0	0.0	0.0	0.0	2.1	-46.6	-2.4	-0.1	-1.8	24.2	24.2	-3.0	-3.0	1.9	23.1	21.2							
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	143.3	3.0	0.0	0.0	0.0	0.0	-54.1	-4.1	-0.3	-17.6	-3.1	-3.1	-3.0	-3.0	1.9	-4.2	-6.1							
Tor Rb Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	40.5	6.0	0.0	0.0	0.0	0.7	-43.1	-1.3	-0.1	-3.7	30.0	29.3	0.0	0.0	1.9	31.9	29.3							
Tor Rb Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	40.5	6.0	0.0	0.0	0.0	0.7	-43.1	-1.3	-0.1	-3.7	31.8	0.0	-4.3	0.0	3.0	30.5	0.0							
Tor Rb RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	141.9	6.0	0.0	0.0	0.0	0.0	-54.0	-3.8	-0.3	-21.2	-0.3	-1.0	0.0	0.0	1.9	1.6	-1.0							
Tor Rb RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	141.9	6.0	0.0	0.0	0.0	0.0	-54.0	-3.8	-0.3	-21.2	4.2	0.0	-4.3	0.0	3.0	2.9	0.0							
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	125.7	6.0	0.0	0.0	0.0	0.0	-53.0	-3.8	-0.2	-21.2	-5.0	-5.0	0.0	0.0	1.9	-3.1	-5.0							

Projekt:
Tabelle 11 verkehrs Rürgerhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04W

Datum
24/05/2022

Seite
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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1011 EG SD-FAS - GB.: HAPUSIRKE 71 <D>30-15

Lage des Aufpunktes : X= 411.995 km Y= 6041.634 km Z= 32.09 m

Tag Nacht
Immission : 46.3 dB(A) 26.9 dB(A)

Emission Name	Ident	Emission		RQ	Anz./L/FI	Lwges		Korr. Fomell	min. ds	Dc	DI	mittlere Werte für						LAT		Zeitzuschläge			Im				
		Tag	Nacht			Tag	Nacht					Ort	Drefl	Activ	Agr	Atm	Aor	Tag	Nacht	KEZ	KR	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)		
6 Stellpl. KH	PL-KH	44.4	43.8	lw'	2.0	75.3	63.2	62.6	0.0	84.7	3.0	0.0	0.0	0.0	0.0	-49.7	-4.2	-0.2	-20.8	-8.7	-9.3	0.0	0.0	0.0	-8.7	-9.3	
Anlieferung	LW-P	69.2	0.0	lw'	2.0	23.7	83.0	0.0	0.0	43.9	3.0	0.0	0.0	0.0	0.0	-44.1	-3.5	-0.1	-21.5	16.8	0.0	-9.0	0.0	0.0	7.8	0.0	
Anlieferung	Ladn	55.0	0.0	lw	0.0	1.0	55.0	0.0	0.0	42.4	3.0	0.0	0.0	0.0	0.0	-43.6	-3.0	-0.1	-21.9	29.4	0.0	-9.0	0.0	0.0	20.4	0.0	
Anlieferung RH Ladn	RH-Ladn	55.0	0.0	lw	0.0	1.0	55.0	0.0	0.0	108.8	3.0	0.0	0.0	0.0	2.4	-51.8	-4.2	-0.3	0.0	44.1	0.0	-9.0	0.0	0.0	35.1	0.0	
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	20.1	3.0	0.0	0.0	0.0	1.5	-37.7	-1.1	0.0	0.0	35.0	0.0	0.0	0.0	0.0	35.0	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	19.3	3.0	0.0	0.0	0.0	1.2	-38.5	-1.3	0.0	0.0	39.5	0.0	0.0	0.0	0.0	39.5	0.0	
Bus Einfahrt RH	Bus-RHE	63.0	0.0	lw	1.0	16.4	75.1	0.0	0.0	105.8	3.0	0.0	0.0	0.0	0.0	-51.5	-4.2	-0.2	0.0	22.1	0.0	-9.0	0.0	0.0	13.1	0.0	
Bus EA	RH-Bus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	139.2	3.0	0.0	0.0	0.0	0.0	-53.4	-4.4	-0.2	-18.5	0.5	0.0	0.0	0.0	0.0	0.5	0.0	
Busstellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	44.4	3.0	0.0	0.0	0.0	0.0	-44.5	-3.6	-0.1	-21.4	4.4	0.0	0.0	0.0	0.0	4.4	0.0	
Busstellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	134.3	3.0	0.0	0.0	0.0	0.0	-53.8	-4.4	-0.3	0.0	15.5	0.0	0.0	0.0	0.0	15.5	0.0	
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	47.5	3.0	0.0	0.0	0.0	8.2	-46.4	-3.8	-0.1	-21.2	18.0	17.3	0.0	0.0	0.0	18.0	17.3	
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	47.5	3.0	0.0	0.0	0.0	8.2	-46.4	-3.8	-0.1	-21.2	19.7	0.0	-4.3	0.0	0.0	15.4	0.0	
EGPP	PL	44.6	43.9	lw'	2.0	59.2	72.2	71.5	0.0	139.3	3.0	0.0	0.0	0.0	4.1	-54.2	-4.5	-0.3	-9.4	10.9	10.2	0.0	0.0	0.0	10.9	10.2	
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	102.7	3.0	0.0	0.0	0.0	1.4	-51.8	-4.3	-0.2	0.0	22.9	22.3	0.0	0.0	0.0	22.9	22.3	
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	125.5	3.0	0.0	0.0	0.0	2.6	-53.6	-4.5	-0.2	-6.1	17.3	16.7	0.0	0.0	0.0	17.3	16.7	
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	126.1	3.0	0.0	0.0	0.0	2.6	-53.6	-4.5	-0.2	-6.1	21.7	0.0	-4.3	0.0	0.0	17.4	0.0	
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	102.1	3.0	0.0	0.0	0.0	1.3	-51.7	-4.3	-0.2	0.0	27.5	0.0	-4.3	0.0	0.0	23.2	0.0	
EinF AusF TG	EA-TG	56.8	56.8	lw	1.0	42.2	73.6	73.6	0.0	91.7	3.0	0.0	0.0	0.0	0.8	-50.8	-4.2	-0.2	0.0	22.1	22.1	0.0	0.0	0.0	22.1	22.1	
LW-Anlieferung	LW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	48.3	3.0	0.0	0.0	0.0	11.3	-46.6	-3.8	-0.1	-21.2	21.7	0.0	-6.0	0.0	0.0	15.7	0.0	
LW-Anlieferung RH	LW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	91.5	3.0	0.0	0.0	0.0	0.7	-50.8	-4.2	-0.2	0.0	33.9	0.0	-9.0	0.0	0.0	24.9	0.0	
LW-Anlieferung RH P	LW-RHP	70.2	0.0	lw'	2.0	19.2	83.0	0.0	0.0	102.7	3.0	0.0	0.0	0.0	2.3	-51.5	-4.3	-0.2	0.0	32.3	0.0	-9.0	0.0	0.0	23.3	0.0	
PAuffahrt Kurhotel	KH-Ordn	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	20.4	3.0	0.0	0.0	0.0	1.6	-37.6	-1.1	0.0	0.0	44.2	0.0	0.0	0.0	0.0	44.2	0.0	
PAuffahrt Rgrrote	RH-Ordn	62.7	0.0	lw'	2.0	42.7	79.0	0.0	0.0	129.4	3.0	0.0	0.0	0.0	0.0	-53.5	-4.4	-0.2	-17.3	6.7	0.0	0.0	0.0	0.0	6.7	0.0	
RS-Lüftung	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	111.6	3.0	0.0	0.0	0.0	0.0	-52.0	-3.6	-0.2	-21.4	-4.2	-4.2	-3.0	-3.0	0.0	-7.2	-7.2	
RS-Lüftung RH	RS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	155.5	3.0	0.0	0.0	0.0	0.0	-54.8	-3.8	-0.3	-14.9	0.8	0.0	-3.0	-3.0	0.0	-3.8	-3.8	
Tor RS Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	95.4	6.0	0.0	0.0	0.0	0.0	-50.6	-4.1	-0.2	-20.9	1.7	1.0	0.0	0.0	0.0	1.7	1.0	
Tor RS Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	95.4	6.0	0.0	0.0	0.0	0.0	-50.6	-4.1	-0.2	-20.9	3.5	0.0	-4.3	0.0	0.0	-0.8	0.0	
Tor RS RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	146.5	6.0	0.0	0.0	0.0	0.0	-54.3	-4.2	-0.3	-20.8	0.6	-1.3	0.0	0.0	0.0	0.6	-1.3	
Tor RS RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	146.5	6.0	0.0	0.0	0.0	0.0	-54.3	-4.2	-0.3	-20.8	3.9	0.0	-4.3	0.0	0.0	-0.4	0.0	
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	114.0	6.0	0.0	0.0	0.0	0.0	-52.1	-4.3	-0.2	0.0	16.6	16.6	0.0	0.0	0.0	16.6	16.6	

Projekt:
Tabelle 11 verknüpfte Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RHS-V04W Datum
24/05/2022 Seite
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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1001 1.0G SSD-FAS - Geb.: HAUSSTRASSE 71 <D>30-35
Lage des Aufpunktes : X= 411.975 km Y= 6041.6294 km Z= 34.89 m
Tag Nacht
Immission : 47.5 dB(A) 27.8 dB(A)

Eintritts- Name	Ident.	Emission										mittlere Werte für										L AF		Zeitzuschläge				Lm	
		Tag		Nacht		RQ	Anz./M.F.	Lwges		Korr. Rommel	min. ds	Dc	Df	Ort		Drefl	Activ	Ag	Atm	Azar	Tag	Nacht	KEZ	KR	Tag	Nacht	Tag	Nacht	
		dB(A)	dB(A)		/ m / qm			dB(A)	dB(A)					dB	m														dB
6 Stellpl. KH	PL-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	84.9	3.0	0.0	0.0	0.0	0.0	-49.7	-3.5	-0.2	-21.5	-8.7	-9.3	0.0	0.0	0.0	-8.7	-9.3			
Anlieferung	UKWP	69.2	0.0	lw	2.0	23.7	83.0	0.0	0.0	44.3	3.0	0.0	0.0	0.0	0.0	-44.2	-2.1	-0.1	-22.9	16.7	0.0	-9.0	0.0	0.0	7.7	0.0			
Anlieferung	Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	-2.7	3.0	0.0	0.0	0.0	0.0	-43.6	-1.4	-0.1	-23.6	29.3	0.0	-9.0	0.0	0.0	20.3	0.0			
Anlieferung RH Laden	RH-Laden	95.0	0.0	lw	0.0	1.0	95.0	0.0	0.0	109.8	3.0	0.0	0.0	0.0	0.0	2.3	-51.8	-3.7	-0.2	0.0	44.6	0.0	-9.0	0.0	0.0	35.6	0.0		
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	20.7	3.0	0.0	0.0	0.0	0.0	1.8	-37.8	0.0	0.0	0.0	35.3	0.0	0.0	0.0	0.0	35.3	0.0		
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	19.8	3.0	0.0	0.0	0.0	0.0	1.5	-38.7	-0.1	0.0	0.0	40.8	0.0	0.0	0.0	0.0	40.8	0.0		
Bus EA	RHBus-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	130.2	3.0	0.0	0.0	0.0	0.0	0.0	-53.5	-4.0	-0.2	-17.5	1.8	0.0	0.0	0.0	0.0	1.8	0.0		
Busstellplätze	RHBus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	44.7	3.0	0.0	0.0	0.0	0.0	0.0	-44.5	-2.2	-0.1	-22.8	4.4	0.0	0.0	0.0	0.0	4.4	0.0		
Busstellplätze	RHBus	52.0	0.0	lw	2.0	69.7	71.0	0.0	0.0	134.3	3.0	0.0	0.0	0.0	0.0	0.0	-53.8	-4.0	-0.3	0.0	15.9	0.0	0.0	0.0	0.0	15.9	0.0		
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	47.8	3.0	0.0	0.0	0.0	0.0	8.8	-46.5	-2.7	-0.1	-22.3	18.5	17.8	0.0	0.0	0.0	18.5	17.8		
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	89.0	0.0	0.0	47.8	3.0	0.0	0.0	0.0	0.0	8.8	-46.5	-2.7	-0.1	-22.3	20.2	0.0	-4.3	0.0	0.0	15.9	0.0		
EGP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	139.4	3.0	0.0	0.0	0.0	0.0	4.5	-54.3	-4.1	-0.3	-9.0	12.0	11.3	0.0	0.0	0.0	12.0	11.3		
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	102.8	3.0	0.0	0.0	0.0	0.0	2.0	-51.8	-3.8	-0.2	0.0	24.0	23.4	0.0	0.0	0.0	24.0	23.4		
EinAusfahrt RH	EA-RH-D	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	125.6	3.0	0.0	0.0	0.0	0.0	2.7	-53.6	-4.1	-0.2	-6.0	17.8	17.2	0.0	0.0	0.0	17.8	17.2		
EinAusfahrt Rest RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	126.2	3.0	0.0	0.0	0.0	0.0	2.7	-53.6	-4.1	-0.2	-6.0	22.2	0.0	-4.3	0.0	0.0	17.9	0.0		
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	102.2	3.0	0.0	0.0	0.0	0.0	1.9	-51.7	-3.8	-0.2	0.0	28.6	0.0	-4.3	0.0	0.0	24.3	0.0		
EinAusf TG	EA-TG	55.8	55.8	lw	1.0	48.2	73.6	73.6	0.0	91.8	3.0	0.0	0.0	0.0	0.0	1.3	-50.8	-3.7	-0.2	0.0	23.2	23.2	0.0	0.0	0.0	23.2	23.2		
UKW Anlieferung	UKW	63.0	0.0	lw	1.0	32.5	78.1	0.0	0.0	48.7	3.0	0.0	0.0	0.0	0.0	12.0	-45.7	-2.6	-0.1	-22.4	22.3	0.0	-6.0	0.0	0.0	16.3	0.0		
UKW Anlieferung RH	UKW-RH	66.0	0.0	lw	1.0	87.6	85.4	0.0	0.0	91.6	3.0	0.0	0.0	0.0	0.0	1.1	-50.7	-3.7	-0.2	0.0	34.9	0.0	-9.0	0.0	0.0	25.9	0.0		
UKW Anlieferung RHP	UKW-RHP	70.2	0.0	lw	2.0	19.2	83.0	0.0	0.0	102.8	3.0	0.0	0.0	0.0	0.0	2.5	-51.5	-3.8	-0.2	0.0	33.0	0.0	-9.0	0.0	0.0	24.0	0.0		
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	20.9	3.0	0.0	0.0	0.0	0.0	1.9	-37.8	0.0	0.0	0.0	45.4	0.0	0.0	0.0	0.0	45.4	0.0		
PAuffahrt Rührrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	123.5	3.0	0.0	0.0	0.0	0.0	6.9	-53.5	-4.0	-0.2	-16.2	15.0	0.0	0.0	0.0	0.0	15.0	0.0		
RHS-Lüftung	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	111.7	3.0	0.0	0.0	0.0	0.0	0.0	-52.0	-3.1	-0.2	-21.9	-4.2	-4.2	-3.0	-3.0	0.0	-7.2	-7.2		
RHS-Lüftung RH	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	155.5	3.0	0.0	0.0	0.0	0.0	0.0	-54.8	-3.5	-0.3	-14.8	-0.4	-0.4	-3.0	-3.0	0.0	-3.4	-3.4		
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	95.7	6.0	0.0	0.0	0.0	0.0	0.0	-50.6	-3.5	-0.2	-21.5	1.7	1.0	0.0	0.0	0.0	1.7	1.0		
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	95.7	6.0	0.0	0.0	0.0	0.0	0.0	-50.6	-3.5	-0.2	-21.5	3.5	0.0	-4.3	0.0	0.0	-0.8	0.0		
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	146.6	6.0	0.0	0.0	0.0	0.0	0.0	-54.3	-3.8	-0.3	-21.2	-0.6	-1.3	0.0	0.0	0.0	-0.6	-1.3		
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	146.6	6.0	0.0	0.0	0.0	0.0	0.0	-54.3	-3.8	-0.3	-21.2	3.9	0.0	-4.3	0.0	0.0	-0.4	0.0		
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	114.1	6.0	0.0	0.0	0.0	0.0	0.1	-52.1	-3.8	-0.3	0.0	17.1	17.1	0.0	0.0	0.0	17.1	17.1		

Anlage 8

Berechnungsprotokoll – Beurteilungspegel TA-Lärm, sonn- und feiertags & lauteste Nachtstunde

Projekt:
Tabelle 11 SoF Rügghotel + Kurhotel V04 als Parkhaus geschlossen

LIMA_7 Version: 2021_20122162 Lizenznehmer: Umweltsachverständiger Dr. Torsten Lober, Ankershagen

Auftrag
RS-V06

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1001 EG V04/F06 - GB.: WALTERSRIE 1 <D>10-1
Lage des Aufpunktes : XE= 412.1544 km YE= 6041.5881 km ZE= 27.82 m
Tag Nacht
Immission : 39.0 dB(A) 29.7 dB(A)

Eintritts- Name	Ident	Emission		RQ	Anz./L/FI	Lwgs		Korr. Fomell	min. ds	Dc	DI	mittlere Werte für								LAT		Zeitschläge			Im (LAP+KZHR)	
		Tag	Nacht			Tag	Nacht					Qref	Defl	Activ	Ag	Atm	Abr	Tag	Nacht	Tag	Nacht	KEZ	KR	Tag	Nacht	Tag
		dB(A)	dB(A)			/m /qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl KH	PL-KH	44.4	43.8	1w	2.0	75.3	63.2	62.6	0.0	123.3	3.0	0.0	0.0	0.0	2.0	-53.4	-4.5	-0.3	-15.0	-5.0	-5.6	0.0	0.0	3.6	-1.4	-5.6
Auffahrt Kurhotel	Auf-KH	57.3	0.0	1w	1.0	15.7	69.3	0.0	0.0	167.3	3.0	0.0	0.0	0.0	0.0	-55.8	-4.6	-0.3	-20.4	-8.8	0.0	0.0	0.0	3.6	-5.2	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	1w	1.0	32.6	75.1	0.0	0.0	161.3	3.0	0.0	0.0	0.0	0.0	-55.9	-4.6	-0.3	-20.4	-3.1	0.0	0.0	0.0	3.6	0.5	0.0
B5 Einfahrt RH	B5-RHE	63.0	0.0	1w	1.0	126.2	84.0	0.0	0.0	58.1	3.0	0.0	0.0	0.0	0.8	-48.4	-4.2	-0.1	-3.5	31.6	0.0	-9.0	0.0	6.0	23.6	0.0
B5 EA	RHBus-EA	59.0	0.0	1w	2.0	31.5	74.0	0.0	0.0	54.4	3.0	0.0	0.0	0.0	1.7	-46.2	-3.9	-0.1	-3.2	25.3	0.0	0.0	0.0	3.6	28.9	0.0
Bustellplätze	RHBus	52.5	0.0	1w	2.0	70.8	71.0	0.0	0.0	169.4	3.0	0.0	0.0	0.0	2.5	-55.9	-4.6	-0.3	-20.4	-4.7	0.0	0.0	0.0	3.6	-1.1	0.0
Bustellplätze	RHBus	52.0	0.0	1w	2.0	80.7	71.0	0.0	0.0	62.4	3.0	0.0	0.0	0.0	0.2	-47.2	-4.0	-0.1	-2.4	20.5	0.0	0.0	0.0	3.6	24.1	0.0
EA Kurhotel	EA-KH	58.9	58.2	1w	1.0	87.5	78.3	77.6	0.0	140.9	3.0	0.0	0.0	0.0	3.1	-54.9	-4.5	-0.3	-18.6	6.0	5.3	0.0	0.0	3.6	9.6	5.3
EA Kurhotel Restaura	EA-RH	60.6	0.0	1w	1.0	87.5	80.0	0.0	0.0	140.9	3.0	0.0	0.0	0.0	3.1	-54.9	-4.5	-0.3	-18.6	7.7	0.0	-4.3	0.0	3.0	6.4	0.0
EGPP	PL	44.6	43.9	1w	2.0	59.2	72.2	71.5	0.0	37.1	3.0	0.0	0.0	0.0	0.0	-44.0	-3.2	-0.1	-3.8	24.1	23.4	0.0	0.0	3.6	27.7	23.4
EinAus RH	EA-RH	59.5	58.9	1w	1.0	33.6	74.8	74.2	0.0	77.0	3.0	0.0	0.0	0.0	0.0	-49.7	-4.3	-0.2	-4.7	18.9	18.3	0.0	0.0	3.6	22.5	18.3
Einfahrt RH	EA-RH	59.5	58.9	1w	1.0	44.5	76.0	75.4	0.0	36.0	3.0	0.0	0.0	0.0	0.5	-44.5	-3.6	-0.1	-5.6	25.7	25.1	0.0	0.0	3.6	29.3	25.1
Einfahrt Rest RH	EA-RH	64.0	0.0	1w	1.0	44.3	80.5	0.0	0.0	35.3	3.0	0.0	0.0	0.0	0.5	-44.5	-3.6	-0.1	-5.6	30.2	0.0	-4.3	0.0	3.0	28.9	0.0
Einfahrt Restau	EA-RH	64.0	0.0	1w	1.0	34.8	79.4	0.0	0.0	76.6	3.0	0.0	0.0	0.0	0.0	-49.6	-4.3	-0.2	-5.2	23.1	0.0	-4.3	0.0	3.0	21.8	0.0
Einf Aus TG	EA-TG	55.8	55.8	1w	1.0	48.2	73.6	73.6	0.0	76.7	3.0	0.0	0.0	0.0	0.2	-50.2	-4.4	-0.2	-13.9	8.1	8.1	0.0	0.0	3.6	11.7	8.1
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	1w	2.0	43.1	78.3	0.0	0.0	189.6	3.0	0.0	0.0	0.0	0.0	-55.8	-4.6	-0.3	-20.4	0.2	0.0	0.0	0.0	3.6	3.8	0.0
PAuffahrt Rügghote	RH-Checkin	62.7	0.0	1w	2.0	42.7	79.0	0.0	0.0	52.8	3.0	0.0	0.0	0.0	1.5	-45.1	-3.9	-0.1	-3.2	30.2	0.0	0.0	0.0	3.6	38.8	0.0
RH-Lüftung	RH-Lüft	70.0	70.0	1w	0.0	1.0	70.0	70.0	0.0	126.3	3.0	0.0	0.0	0.0	4.8	-53.0	-4.2	-0.2	-14.3	6.1	6.1	-3.0	-3.0	3.6	6.7	3.1
RH-Lüftung RH	RH-Lüft	70.0	70.0	1w	0.0	1.0	70.0	70.0	0.0	26.9	3.0	0.0	0.0	0.0	2.1	-39.6	-1.1	-0.1	-10.0	24.3	24.3	-3.0	-3.0	3.6	24.9	21.3
Tor R5 Kurhotel	RH-Tor	71.5	70.8	1w	0.0	1.0	71.5	70.8	0.0	139.8	6.0	0.0	0.0	0.0	6.5	-53.9	-4.5	-0.3	-20.5	4.8	4.1	0.0	0.0	3.6	8.4	4.1
Tor R5 Kurhotel Res	RH-Tor-R	73.3	0.0	1w	0.0	1.0	73.3	0.0	0.0	139.8	6.0	0.0	0.0	0.0	6.5	-53.9	-4.5	-0.3	-20.5	6.6	0.0	-4.3	0.0	3.0	5.3	0.0
Tor R5 RHotel	RH-Tor	73.0	72.3	1w	0.0	1.0	73.0	72.3	0.0	33.9	6.0	0.0	0.0	0.0	8.3	-41.6	-1.3	-0.1	-21.4	22.9	22.2	0.0	0.0	3.6	26.5	22.2
Tor R5 RHotel Rest	RH-Tor-R	77.5	0.0	1w	0.0	1.0	77.5	0.0	0.0	33.9	6.0	0.0	0.0	0.0	8.3	-41.6	-1.3	-0.1	-21.4	27.4	0.0	-4.3	0.0	3.0	26.1	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	1w	0.0	1.0	67.2	67.2	0.0	73.6	6.0	0.0	0.0	0.0	0.0	-48.3	-4.0	-0.1	-21.1	-0.3	-0.3	0.0	0.0	3.6	3.3	-0.3

Projekt:
Tabelle 11 SoF Rügghotel + Kurhotel V04 als Parkhaus geschlossen

LIMA_7 Version: 2021_20122162 Lizenznehmer: Umweltsachverständiger Dr. Torsten Lober, Ankershagen

Auftrag
RS-V06

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1001 L06 V04/F06 - GB.: WALTERSRIE 1 <D>10-1
Lage des Aufpunktes : XE= 412.1544 km YE= 6041.5881 km ZE= 30.62 m
Tag Nacht
Immission : 41.2 dB(A) 32.0 dB(A)

Eintritts- Name	Ident	Emission		RQ	Anz./L/FI	Lwgs		Korr. [Fomell]	min. ds	Dc	DI	mittlere Werte für						LAT		Zeitschläge		Im				
		Tag	Nacht			Tag	Nacht					Qref	Defl	Activ	Ag	Atm	Abr	Tag	Nacht	KEZ	KR	Tag	Nacht	Tag	Nacht	
		dB(A)	dB(A)			/ m / qm	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl KH	PL-KH	44.4	43.8	1w	2.0	37.7	69.2	59.6	0.0	123.4	3.0	0.0	0.0	0.0	0.0	-53.4	-4.1	-0.3	-9.7	-4.3	-4.9	0.0	0.0	3.6	-0.7	-4.9
Auffahrt Kurhotel	Auf-KH	57.3	0.0	1w	1.0	15.7	69.3	0.0	0.0	167.3	3.0	0.0	0.0	0.0	0.0	-55.8	-4.3	-0.3	-20.7	-8.8	0.0	0.0	0.0	3.6	-5.2	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	1w	1.0	32.6	75.1	0.0	0.0	161.3	3.0	0.0	0.0	0.0	0.0	-55.9	-4.3	-0.3	-20.7	-3.1	0.0	0.0	0.0	3.6	0.5	0.0
B5 Einfahrt RH	B5-RHE	63.0	0.0	1w	1.0	126.2	84.0	0.0	0.0	57.8	3.0	0.0	0.0	0.0	0.8	-48.5	-3.3	-0.1	-2.3	33.6	0.0	-9.0	0.0	6.0	30.6	0.0
B5 EA	RHBus-EA	59.0	0.0	1w	2.0	31.5	74.0	0.0	0.0	54.4	3.0	0.0	0.0	0.0	1.6	-46.1	-2.8	-0.1	-2.0	27.6	0.0	0.0	0.0	3.6	31.2	0.0
Bustellplätze	RHBus	52.5	0.0	1w	2.0	70.8	71.0	0.0	0.0	169.4	3.0	0.0	0.0	0.0	2.5	-55.9	-4.3	-0.3	-20.7	-4.7	0.0	0.0	0.0	3.6	-1.1	0.0
Bustellplätze	RHBus	52.0	0.0	1w	2.0	80.7	71.0	0.0	0.0	62.3	3.0	0.0	0.0	0.0	0.4	-47.1	-3.1	-0.1	-1.7	22.4	0.0	0.0	0.0	3.6	26.0	0.0
EA Kurhotel	EA-KH	58.9	58.2	1w	1.0	87.5	78.3	77.6	0.0	140.9	3.0	0.0	0.0	0.0	3.5	-54.8	-4.2	-0.3	-15.5	10.0	9.3	0.0	0.0	3.6	13.6	9.3
EA Kurhotel Restaura	EA-RH	60.6	0.0	1w	1.0	84.5	79.9	0.0	0.0	140.9	3.0	0.0	0.0	0.0	3.6	-54.9	-4.2	-0.3	-15.5	11.6	0.0	-4.3	0.0	3.0	10.3	0.0
EGPP	PL	44.6	43.9	1w	2.0	59.2	72.2	71.5	0.0	37.0	3.0	0.0	0.0	0.0	0.0	-43.9	-1.7	-0.1	-3.3	25.2	25.5	0.0	0.0	3.6	29.8	25.5
EinAus RH	EA-RH	59.5	58.9	1w	1.0	33.6	74.8	74.2	0.0	72.2	3.0	0.0	0.0	0.0	0.0	-49.7	-3.6	-0.2	-3.3	21.0	20.4	0.0	0.0	3.6	24.6	20.4
Einfahrt RH	EA-RH	59.5	58.9	1w	1.0	44.5	76.0	75.4	0.0	35.9	3.0	0.0	0.0	0.0	0.6	-44.2	-2.4	-0.1	-5.1	27.8	27.2	0.0	0.0	3.6	31.4	27.2
Einfahrt Rest RH	EA-RH	64.0	0.0	1w	1.0	44.3	80.5	0.0	0.0	36.2	3.0	0.0	0.0	0.0	0.7	-44.3	-2.4	-0.1	-5.1	32.3	0.0	-4.3	0.0	3.0	31.0	0.0
Einfahrt Restau	EA-RH	64.0	0.0	1w	1.0	34.8	79.4	0.0	0.0	76.5	3.0	0.0	0.0	0.0	0.0	-49.7	-3.6	-0.2	-3.7	25.2	0.0	-4.3	0.0	3.0	23.9	0.0
Einf Aus TG	EA-TG	55.8	55.8	1w	1.0	48.2	73.6	73.6	0.0	76.6	3.0	0.0	0.0	0.0	0.3	-50.2	-3.8	-0.2	-12.3	10.4	10.4	0.0	0.0	3.6	14.0	10.4
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	1w	2.0	43.1	78.3	0.0	0.0	169.6	3.0	0.0	0.0	0.0	0.0	-55.8	-4.3	-0.3	-20.7	0.2	0.0	0.0	0.0	3.6	3.8	0.0
PAuffahrt Rügghote	RH-Checkin	62.7	0.0	1w	2.0	42.7	79.0	0.0	0.0	52.7	3.0	0.0	0.0	0.0	1.5	-45.1	-2.8	-0.1	-2.0	32.5	0.0	0.0	0.0	3.6	36.1	0.0
RH-Lüftung	RH-Lüft	70.0	70.0	1w	0.0	1.0	70.0	70.0	0.0	126.3	3.0	0.0	0.0	0.0	4.2	-53.0	-3.8	-0.2	-7.7	12.5	12.5	-3.0	-3.0	3.6	13.1	9.5
RH-Lüftung RH	RH-Lüft	70.0	70.0	1w	0.0	1.0	70.0	70.0	0.0	26.5	2.9	0.0	0.0	0.0	1.0	-39.5	0.0	0.0	-6.1	28.2	28.2	-3.0	-3.0	3.6	28.8	25.2
Tor RH Kurhotel	KH-Tor	71.5	70.8	1w	0.0	1.0	71.5	70.8	0.0	139.9	6.0	0.0	0.0	0.0	8.8	-53.9	-4.1	-0.3	-20.9	7.1	6.4	0.0	0.0	3.6	10.7	6.4
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	1w	0.0	1.0	73.3	0.0	0.0	139.9	6.0	0.0	0.0	0.0	8.8	-53.9	-4.1	-0.3	-20.9	8.9	0.0	-4.3	0.0	3.0	7.6	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	1w	0.0	1.0	73.0	72.3	0.0	33.8	5.9	0.0	0.0	0.0	9.2	-4.6	0.0	-0.1	-22.0	24.4	23.7	0.0	0.0	3.6	28.0	23.7
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	1w	0.0	1.0	77.5	0.0	0.0	33.8	5.9	0.0	0.0	0.0	9.2	-4.6	0.0	-0.1	-22.0	28.9	0.0	-4.3	0.0	3.0	27.6	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	1w	0.0	1.0	67.2	67.2	0.0	73.6	6.0	0.0	0.0	0.0	0.0	-48.3	-3.2	-0.1	-21.9	-0.3	-0.3	0.0	0.0	3.6	3.3	-0.3

Projekt:
Tabelle 11 StF Rüghotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
R5-V04

Datum
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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1001 2.00 V&WFS - GB.: WALTERSPRUE 1 <D>D-1
Lage des Aufpunktes : X= 412.154 km Y= 6041.588 km Z= 33.42 m
Tag Nacht
Immission : 43.6 dB(A) 34.3 dB(A)

Einheit		Emission		RQ	Anz./A/F	Lwges		Korr. Fomel	min. ds	Dc	Df	Dref	mittlere Werte für						LAT		Zeitzuschläge			Lm		
Name	Ident	Tag	Nacht			Tag	Nacht						Tag	Nacht	Tag	Nacht	Tag	Nacht	Dref	Activ	Ag	Atm	Aur	Tag	Nacht	KEZ
		dB(A)	dB(A)			/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)	dB(A)		
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	167.4	3.0	0.0	0.0	0.0	-55.8	-4.0	-0.3	-21.0	-8.8	0.0	0.0	0.0	3.6	-5.2	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	161.3	3.0	0.0	0.0	0.0	-55.9	-4.0	-0.3	-21.0	-3.1	0.0	0.0	0.0	3.6	0.5	0.0	
B&S Einfahrt RH	B&S-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	58.2	3.0	0.0	0.0	0.0	-46.6	-2.3	-0.1	-0.8	35.1	0.0	-9.0	0.0	6.0	33.1	0.0	
B&S EA	RH&B&S-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	54.5	3.0	0.0	0.0	0.0	1.8	-61.1	-1.8	-0.1	-0.8	30.0	0.0	0.0	0.0	3.6	33.6	0.0
Bustellplätze	KH&B&S	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	189.5	3.0	0.0	0.0	0.0	2.5	-55.9	-4.0	-0.3	-21.0	-4.7	0.0	0.0	0.0	3.6	-1.1	0.0
Bustellplätze	RH&B&S	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	62.4	3.0	0.0	0.0	0.0	0.7	-47.2	-2.1	-0.1	0.0	25.3	0.0	0.0	0.0	3.6	28.9	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	141.1	3.0	0.0	0.0	0.0	1.8	-55.0	-3.8	-0.3	-8.6	15.4	14.7	0.0	0.0	3.6	19.0	14.7
EA Kurhotel Restaura	EA-RKH	60.0	0.0	lw	1.0	84.5	79.9	0.0	0.0	141.1	3.0	0.0	0.0	0.0	1.8	-55.0	-3.8	-0.3	-8.6	17.1	0.0	-4.3	0.0	3.0	15.8	0.0
EGPP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	37.2	3.0	0.0	0.0	0.0	0.0	-44.0	-0.6	-0.1	-2.9	27.6	26.9	0.0	0.0	3.6	31.2	26.9
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	72.3	3.0	0.0	0.0	0.0	0.1	-49.8	-2.9	-0.2	-2.3	22.7	22.1	0.0	0.0	3.6	26.3	22.1
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	36.1	3.0	0.0	0.0	0.0	0.9	-44.3	-1.3	-0.1	-3.8	30.4	29.8	0.0	0.0	3.6	34.0	29.8
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	38.3	3.0	0.0	0.0	0.0	1.0	-44.3	-1.3	-0.1	-3.8	35.0	0.0	-4.3	0.0	3.0	33.7	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	76.6	3.0	0.0	0.0	0.0	0.1	-49.8	-2.9	-0.2	-2.7	25.9	0.0	-4.3	0.0	3.0	25.6	0.0
Einf Ausf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	76.7	3.0	0.0	0.0	0.0	0.7	-50.1	-3.2	-0.2	-12.0	11.7	11.7	0.0	0.0	3.6	15.3	11.7
P-Auffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	189.7	3.0	0.0	0.0	0.0	0.0	-55.8	-4.0	-0.3	-21.1	0.2	0.0	0.0	0.0	3.6	3.8	0.0
P-Auffahrt Rügrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	52.9	3.0	0.0	0.0	0.0	1.8	-46.1	-1.7	-0.1	-1.0	34.9	0.0	0.0	0.0	3.6	38.5	0.0
R&S-Lüftung	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	126.3	3.0	0.0	0.0	0.0	1.3	-53.0	-3.3	-0.3	-1.5	16.3	16.3	-3.0	-3.0	3.6	16.9	13.3
R&S-Lüftung RH	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	26.4	2.8	0.0	0.0	0.0	0.0	-39.4	0.0	0.0	-2.7	39.6	39.6	-3.0	-3.0	3.6	31.2	27.6
Tor R&S Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	140.0	6.0	0.0	0.0	0.0	6.9	-53.9	-3.7	-0.3	-16.3	10.2	9.5	0.0	0.0	3.6	13.8	9.5
Tor R&S Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	140.0	6.0	0.0	0.0	0.0	6.9	-53.9	-3.7	-0.3	-16.3	12.0	0.0	-4.3	0.0	3.0	10.7	0.0
Tor R&S RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	33.9	5.8	0.0	0.0	0.0	7.3	-41.6	0.0	-0.1	-17.5	26.9	26.2	0.0	0.0	3.6	30.5	26.2
Tor R&S RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	33.9	5.8	0.0	0.0	0.0	7.3	-41.6	0.0	-0.1	-17.5	31.4	0.0	-4.3	0.0	3.0	30.1	0.0
TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	73.6	6.0	0.0	0.0	0.0	0.0	-48.3	-2.4	-0.1	-22.7	-0.3	-0.3	0.0	0.0	3.6	3.3	-0.3

Projekt:
Tabelle 11 StF Rüghotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
R5-V04

Datum
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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1002 EG V&WFS - GB.: WALTERSPRUE 1 <D>D-2
Lage des Aufpunktes : X= 412.158 km Y= 6041.598 km Z= 28.36 m
Tag Nacht
Immission : 40.6 dB(A) 31.6 dB(A)

Emission Name	Ident	Emission		RQ	Anz./A/F	Lwges		Korr. Formel	min. ds	Dc	Df	Dref	mittlere Werte für								LAT		Zeitzuschläge			Lm (LAT+KEZ+KR)	
		Tag	Nacht			Tag	Nacht						Tag	Nacht	Dref	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	Tag	Nacht		
		dB(A)	dB(A)			/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl KH	PL-KH	44.4	43.8	lw	2.0	37.7	60.2	59.6	0.0	127.1	3.0	0.0	0.0	0.0	2.0	-53.5	-4.4	-0.2	-14.2	-7.0	-7.6	0.0	0.0	3.6	-3.4	-7.6	
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	163.2	3.0	0.0	0.0	0.0	0.0	-55.6	-4.6	-0.3	-20.5	-8.6	0.0	0.0	0.0	3.6	-5.0	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	155.6	3.0	0.0	0.0	0.0	0.9	-55.6	-4.6	-0.3	-20.4	-1.9	0.0	0.0	0.0	3.6	1.7	0.0	
B&S Einfahrt RH	B&S-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	51.2	3.0	0.0	0.0	0.0	1.0	-47.6	-4.1	-0.1	-3.2	33.1	0.0	-9.0	0.0	6.0	30.1	0.0	
B&S EA	RH&B&S-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	47.6	3.0	0.0	0.0	0.0	1.8	-45.0	-3.8	-0.1	-3.3	26.6	0.0	0.0	0.0	3.6	30.2	0.0	
Bustellplätze	RH&B&S	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	166.0	3.0	0.0	0.0	0.0	2.4	-55.7	-4.6	-0.3	-20.4	-4.6	0.0	0.0	0.0	3.6	-1.0	0.0	
Bustellplätze	RH&B&S	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	55.2	3.0	0.0	0.0	0.0	0.3	-46.1	-3.9	-0.1	-2.6	21.6	0.0	0.0	0.0	3.6	25.2	0.0	
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	139.3	3.0	0.0	0.0	0.0	3.0	-54.8	-4.5	-0.3	-18.2	6.5	5.8	0.0	0.0	3.6	10.1	5.8	
EA Kurhotel Restaura	EA-RKH	60.0	0.0	lw	1.0	87.5	80.0	0.0	0.0	139.3	3.0	0.0	0.0	0.0	3.0	-54.8	-4.5	-0.3	-18.2	8.2	0.0	-4.3	0.0	3.0	6.9	0.0	
EGPP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	29.8	3.0	0.0	0.0	0.0	0.0	-42.3	-2.7	-0.1	-4.4	25.7	25.0	0.0	0.0	3.6	29.3	25.0	
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	71.3	3.0	0.0	0.0	0.0	0.1	-49.0	-4.3	-0.1	-3.8	29.7	29.1	0.0	0.0	3.6	24.3	29.1	
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	29.8	3.0	0.0	0.0	0.0	1.1	-43.1	-3.2	-0.1	-5.6	28.1	27.5	0.0	0.0	3.6	31.7	27.5	
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	30.1	3.0	0.0	0.0	0.0	1.2	-43.3	-3.2	-0.1	-5.6	32.5	0.0	-4.3	0.0	3.0	31.2	0.0	
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	70.7	3.0	0.0	0.0	0.0	0.1	-49.0	-4.3	-0.1	-4.2	24.9	0.0	-4.3	0.0	3.0	23.6	0.0	
Einf Ausf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	70.2	3.0	0.0	0.0	0.0	0.6	-49.6	-4.3	-0.2	-12.3	10.8	10.8	0.0	0.0	3.6	14.4	10.8	
P-Auffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	165.0	3.0	0.0	0.0	0.0	0.0	-55.5	-4.6	-0.3	-20.4	0.5	0.0	0.0	0.0	3.6	4.1	0.0	
P-Auffahrt Rügrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	46.0	3.0	0.0	0.0	0.0	1.7	-45.0	-3.7	-0.1	-3.4	31.5	0.0	0.0	0.0	3.6	35.1	0.0	
R&S-Lüftung	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.8	3.0	0.0	0.0	0.0	4.8	-53.0	-4.1	-0.2	-13.3	7.2	7.2	-3.0	-3.0	3.6	7.8	4.2	
R&S-Lüftung RH	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	25.1	3.0	0.0	0.0	0.0	1.7	-39.0	-1.9	0.0	-8.5	25.3	25.3	-3.0	-3.0	3.6	25.9	22.3	
Tor R&S Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	138.5	6.0	0.0	0.0	0.0	6.8	-53.8	-4.4	-0.3	-20.5	5.3	4.6	0.0	0.0	3.6	8.9	4.6	
Tor R&S Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	138.5	6.0	0.0	0.0	0.0	6.8	-53.8	-4.4	-0.3	-20.5	7.1	0.0	-4.3	0.0	3.0	5.8	0.0	
Tor R&S RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	28.4	6.0	0.0	0.0	0.0	4.1	-49.1	-0.3	-0.1	-17.7	24.9	24.2	0.0	0.0	3.6	28.5	24.2	
Tor R&S RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	28.4	6.0	0.0	0.0	0.0	4.1	-49.1	-0.3	-0.1	-17.7	29.4	0.0	-4.3	0.0	3.0	28.1	0.0	
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	67.2	6.0	0.0	0.0	0.0	0.0	-47.5	-3.9	-0.1	-21.2	0.5	0.5	0.0	0.0	3.6	4.1	0.0	

Projekt:
Tabelle 11 StF Rügenhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
R5-V046

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1002 1.0G V04/FPS - GB.: WALTERSPRUE 1 <D>D-2

Lage des Aufpunktes : X= 412.1588 km Y= 6041.5948 km Z= 31.16 m

Tag Nacht
Immission : 43.0 dB(A) 34.1 dB(A)

Emission		mittlere Werte für										LAT		Zeitzuschläge				Lm								
Ident	Tag	Nacht	RQ	Anz./M.F.	Lwges		Korr. Fomell	min. ds	Dc	Df	Drefl		Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	Tag	Nacht				
					Tag	Nacht					Tag	Nacht											Tag	Nacht	Tag	Nacht
					/ m / qm																					
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	163.2	3.0	0.0	0.0	0.0	-55.6	-4.3	-0.3	-20.8	-8.6	0.0	0.0	0.0	3.6	-5.0	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	156.6	3.0	0.0	0.0	0.0	1.4	-55.7	-4.3	-0.3	-20.7	-1.5	0.0	0.0	0.0	3.6	2.1	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	46.2	3.0	0.0	0.0	0.0	1.0	-47.6	-3.0	-0.1	-2.0	35.3	0.0	-9.0	0.0	6.0	32.3	0.0
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	47.6	3.0	0.0	0.0	0.0	1.8	-45.0	-2.5	-0.1	-2.3	28.9	0.0	0.0	0.0	3.6	32.5	0.0
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	166.0	3.0	0.0	0.0	0.0	2.4	-55.7	-4.3	-0.3	-20.7	-4.6	0.0	0.0	0.0	3.6	-1.0	0.0
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	155.1	3.0	0.0	0.0	0.0	0.6	-46.0	-2.8	-0.1	-1.7	24.0	0.0	0.0	0.0	3.6	27.6	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	139.4	3.0	0.0	0.0	0.0	3.2	-54.8	-4.1	-0.3	-14.1	11.2	10.5	0.0	0.0	3.6	14.8	10.5
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	84.5	79.9	0.0	0.0	139.4	3.0	0.0	0.0	0.0	3.2	-54.8	-4.2	-0.3	-14.1	12.8	0.0	-4.3	0.0	3.0	11.5	0.0
EGFP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	29.8	3.0	0.0	0.0	0.0	0.1	-42.3	-0.9	-0.1	-4.0	28.0	27.3	0.0	0.0	3.6	31.6	27.3
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	65.2	3.0	0.0	0.0	0.0	0.1	-40.1	-3.5	-0.1	-2.1	23.1	22.5	0.0	0.0	3.6	26.7	22.5
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	29.8	3.0	0.0	0.0	0.0	1.2	-42.8	-1.8	-0.1	-4.8	30.7	30.1	0.0	0.0	3.6	34.3	30.1
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	30.0	3.0	0.0	0.0	0.0	1.3	-42.9	-1.8	-0.1	-4.9	35.1	0.0	-4.3	0.0	3.0	33.8	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	70.7	3.0	0.0	0.0	0.0	0.1	-40.0	-3.5	-0.1	-2.5	27.4	0.0	-4.3	0.0	3.0	26.1	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	70.1	3.0	0.0	0.0	0.0	0.8	-40.5	-3.7	-0.2	-10.5	13.5	13.5	0.0	0.0	3.6	17.1	13.5
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	165.0	3.0	0.0	0.0	0.0	0.0	-55.5	-4.3	-0.3	-20.7	0.5	0.0	0.0	0.0	3.6	4.1	0.0
PAuffahrt Rügenhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	46.0	3.0	0.0	0.0	0.0	1.6	-45.0	-2.4	-0.1	-2.3	33.8	0.0	0.0	0.0	3.6	37.4	0.0
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.8	3.0	0.0	0.0	0.0	3.7	-53.0	-3.7	-0.2	-5.5	14.3	14.3	-3.0	-3.0	3.6	14.9	11.3
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	24.7	2.9	0.0	0.0	0.0	0.7	-39.0	0.0	0.0	-5.3	29.4	29.4	-3.0	-3.0	3.6	30.0	26.4
Tor RH Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	136.6	6.0	0.0	0.0	0.0	9.2	-53.8	-4.0	-0.3	-21.0	7.6	6.9	0.0	0.0	3.6	11.2	6.9
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	136.6	6.0	0.0	0.0	0.0	9.2	-53.8	-4.0	-0.3	-21.0	9.4	0.0	-4.3	0.0	3.0	8.1	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	28.4	5.9	0.0	0.0	0.0	5.1	-40.1	0.0	-0.1	-17.5	26.3	25.6	0.0	0.0	3.6	29.9	25.6
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	28.4	5.9	0.0	0.0	0.0	5.1	-40.1	0.0	-0.1	-17.5	30.8	0.0	-4.3	0.0	3.0	29.5	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	67.1	6.0	0.0	0.0	0.0	0.0	-47.5	-3.0	-0.1	-22.1	0.5	0.5	0.0	0.0	3.6	4.1	0.5

Projekt:
Tabelle 11 StF Rügenhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
R5-V046

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1002 2.0G V04/FPS - GB.: WALTERSPRUE 1 <D>D-2

Lage des Aufpunktes : X= 412.1588 km Y= 6041.5948 km Z= 33.96 m

Tag Nacht
Immission : 46.3 dB(A) 37.6 dB(A)

Emission		Korr.										mittlere Werte für										L AT		Zeitzuschläge				Lm	
Emitent Name	Ident	Tag Nacht		RQ	Anz./M.F.	Lwges		Fomell	min. ds	Dc	Df	Ort		Drefl	Activ	Ag	Atm	Aor	Tag Nacht	KEZ	KR	L (LAP+KEZ)							
		Tag	Nacht			Tag	Nacht					Tag	Nacht									Tag	Nacht	Tag	Nacht	Tag	Nacht		
		dB(A)	dB(A)		/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)	dB(A)					
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	163.3	3.0	0.0	0.0	0.0	-55.6	-4.0	-0.3	-21.1	-8.6	0.0	0.0	0.0	3.6	-5.0	0.0				
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	156.7	3.0	0.0	0.0	0.0	-55.7	-4.0	-0.3	-21.0	-2.9	0.0	0.0	0.0	3.6	0.7	0.0				
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	51.4	3.0	0.0	0.0	0.0	1.1	-47.6	-2.0	-0.1	-0.5	37.9	0.0	-9.0	0.0	6.0	34.9	0.0			
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	47.8	3.0	0.0	0.0	0.0	1.7	-45.2	-1.2	-0.1	0.0	32.2	0.0	0.0	0.0	3.6	35.8	0.0			
Bustellplätze	KH-Bus	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	165.1	3.0	0.0	0.0	0.0	2.4	-55.7	-4.0	-0.3	-21.0	-4.6	0.0	0.0	0.0	3.6	-1.0	0.0			
Bustellplätze	RH-Bus	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	155.2	3.0	0.0	0.0	0.0	0.8	-46.2	-1.7	-0.1	0.0	25.8	0.0	0.0	0.0	3.6	30.4	0.0			
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	139.5	3.0	0.0	0.0	0.0	1.6	-54.8	-3.8	-0.3	-8.3	15.7	15.0	0.0	0.0	3.6	19.3	15.0			
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	75.6	79.4	0.0	0.0	139.5	3.0	0.0	0.0	0.0	1.6	-54.8	-3.8	-0.3	-7.7	17.4	0.0	-4.3	0.0	3.0	16.1	0.0			
EGFP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	30.0	2.9	0.0	0.0	0.0	0.1	-42.4	-0.2	-0.1	-0.9	31.6	30.9	0.0	0.0	3.6	35.2	30.9			
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	65.3	3.0	0.0	0.0	0.0	0.1	-40.1	-2.7	-0.1	-1.4	24.6	24.0	0.0	0.0	3.6	28.2	24.0			
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	32.5	3.0	0.0	0.0	0.0	1.2	-43.3	-0.6	-0.1	-2.0	34.2	33.6	0.0	0.0	3.6	37.8	33.6			
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	32.6	3.0	0.0	0.0	0.0	1.3	-43.4	-0.6	-0.1	-2.1	38.6	0.0	-4.3	0.0	3.0	37.3	0.0			
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	70.8	3.0	0.0	0.0	0.0	0.1	-40.2	-2.7	-0.1	-1.7	28.8	0.0	-4.3	0.0	3.0	27.5	0.0			
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	70.2	3.0	0.0	0.0	0.0	0.9	-40.4	-3.1	-0.2	-10.4	14.4	14.4	0.0	0.0	3.6	18.0	14.4			
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	165.0	3.0	0.0	0.0	0.0	0.0	-55.5	-3.9	-0.3	-21.1	0.5	0.0	0.0	0.0	3.6	4.1	0.0			
PAuffahrt Rügenhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	46.2	3.0	0.0	0.0	0.0	1.6	-45.1	-1.1	-0.1	0.0	37.3	0.0	0.0	0.0	3.6	40.9	0.0			
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.8	3.0	0.0	0.0	0.0	1.4	-53.0	-3.2	-0.3	-1.4	16.6	16.6	-3.0	-3.0	3.6	17.2	13.6			
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	24.6	2.8	0.0	0.0	0.0	0.9	-38.0	0.0	-0.1	0.0	33.9	33.9	-3.0	-3.0	3.6	34.5	30.9			
Tor RH Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	138.7	6.0	0.0	0.0	0.0	5.3	-53.8	-3.6	-0.3	-14.1	11.0	10.3	0.0	0.0	3.6	14.6	10.3			
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	138.7	6.0	0.0	0.0	0.0	5.3	-53.8	-3.6	-0.3	-14.1	12.8	0.0	-4.3	0.0	3.0	11.5	0.0			
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	28.6	5.8	0.0	0.0	0.0	5.4	-40.1	0.0	-0.1	-15.3	28.7	28.0	0.0	0.0	3.6	32.3	28.0			
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	28.6	5.8	0.0	0.0	0.0	5.4	-40.1	0.0	-0.1	-15.3	33.2	0.0	-4.3	0.0	3.0	31.9	0.0			
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	67.6	6.0	0.0	0.0	0.0	0.9	-47.5	-2.1	-0.1	-23.0	0.5	0.5	0.0	0.0	3.6	4.1	0.0			

Projekt:
Tabelle 11 StF Rührhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
R5-V04

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1088 EG V04/FPS - GB.: WALTERSPACE 1 <D>30-3

Lage des Aufpunktes : X= 412.1473 km Y= 6041.6888 km Z= 28.90 m

Tag Nacht
Immission : 42.3 dB(A) 38.2 dB(A)

Emission	Ident	Emission		RQ	Anz./M.F.	Lwges		Korr. Fomell	min. ds	Dc	Df	Dn	mittlere Werte für								LAT		Zeitzuschläge		Lm	
		Tag	Nacht			Tag	Nacht						Defl	Activ	Ag	Atm	Aor	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	
		dB(A)	dB(A)			/m /qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	159.2	3.0	0.0	0.0	0.0	0.0	-55.4	-4.6	-0.3	-20.4	-8.4	0.0	0.0	0.0	3.6	-4.8	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	152.3	3.0	0.0	0.0	0.0	1.7	-55.4	-4.6	-0.3	-20.4	-0.9	0.0	0.0	0.0	3.6	2.7	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	125.2	84.0	0.0	0.0	44.8	3.0	0.0	0.0	0.0	1.3	-46.6	-3.9	-0.1	-3.0	34.7	0.0	0.0	0.0	6.0	31.7	0.0
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	41.3	3.0	0.0	0.0	0.0	2.0	-43.8	-3.5	-0.1	-3.5	28.1	0.0	0.0	0.0	3.6	31.7	0.0
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	163.0	3.0	0.0	0.0	0.0	2.1	-55.5	-4.5	-0.3	-20.5	-4.7	0.0	0.0	0.0	3.6	-1.1	0.0
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	48.2	3.0	0.0	0.0	0.0	0.5	-44.9	-3.7	-0.1	-2.8	23.0	0.0	0.0	0.0	3.6	26.6	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	138.1	3.0	0.0	0.0	0.0	1.5	-54.7	-4.5	-0.3	-17.4	5.9	5.2	0.0	0.0	3.6	9.5	5.2
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	84.5	79.9	0.0	0.0	138.1	3.0	0.0	0.0	0.0	1.5	-54.6	-4.5	-0.3	-17.4	7.6	0.0	-4.3	0.0	3.0	6.3	0.0
EGFP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	23.3	3.0	0.0	0.0	0.0	0.6	-40.2	-1.9	-0.1	-5.4	28.2	27.5	0.0	0.0	3.6	31.8	27.5
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	66.8	3.0	0.0	0.0	0.0	0.1	-48.3	-4.2	-0.1	-2.8	22.5	21.9	0.0	0.0	3.6	26.1	21.9
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	24.9	3.0	0.0	0.0	0.0	1.2	-41.7	-2.6	-0.1	-5.5	39.3	29.7	0.0	0.0	3.6	33.9	29.7
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	25.1	3.0	0.0	0.0	0.0	1.3	-41.8	-2.7	-0.1	-5.4	34.8	0.0	-4.3	0.0	3.0	33.5	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	65.9	3.0	0.0	0.0	0.0	0.1	-48.3	-4.2	-0.1	-3.2	26.7	0.0	-4.3	0.0	3.0	25.4	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	64.1	3.0	0.0	0.0	0.0	0.7	-48.9	-4.3	-0.2	-11.1	12.8	12.8	0.0	0.0	3.6	16.4	12.8
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	161.1	3.0	0.0	0.0	0.0	0.0	-55.3	-4.6	-0.3	-20.4	0.7	0.0	0.0	0.0	3.6	4.3	0.0
PAuffahrt Rührhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	39.7	3.0	0.0	0.0	0.0	2.2	-48.8	-3.5	-0.1	-3.5	33.3	0.0	0.0	0.0	3.6	36.9	0.0
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.7	3.0	0.0	0.0	0.0	4.7	-53.0	-4.0	-0.2	-12.1	8.4	8.4	-3.0	-3.0	3.6	9.0	5.4
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	25.2	3.0	0.0	0.0	0.0	1.5	-39.0	-1.9	0.0	-7.5	26.1	26.1	-3.0	-3.0	3.6	26.7	23.1
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	137.6	6.0	0.0	0.0	0.0	5.8	-53.8	-4.4	-0.3	-20.5	4.3	3.6	0.0	0.0	3.6	7.9	3.6
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	137.6	6.0	0.0	0.0	0.0	5.8	-53.8	-4.4	-0.3	-20.5	6.1	0.0	-4.3	0.0	3.0	4.8	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	24.1	5.9	0.0	0.0	0.0	0.0	-38.6	0.0	0.0	-16.3	24.0	23.3	0.0	0.0	3.6	27.6	23.3
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	24.1	5.9	0.0	0.0	0.0	0.0	-38.6	0.0	0.0	-16.3	23.5	0.0	-4.3	0.0	3.0	27.2	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	61.2	6.0	0.0	0.0	0.0	0.0	-46.7	-3.8	-0.1	-21.2	1.4	1.4	0.0	0.0	3.6	5.0	1.4

Projekt:
Tabelle 11 StF Rührhotel + Kurhotel V04 als Parkhaus geschlossen

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1088 1.0G V04/FPS - GB.: WALTERSPACE 1 <D>30-3

Lage des Aufpunktes : X= 412.1473 km Y= 6041.6888 km Z= 31.70 m

Tag Nacht
Immission : 45.1 dB(A) 35.9 dB(A)

Emission		Korr.										mittlere Werte für								L A T		Zeitzuschläge				Lm	
Emission Name	Ident	Emission		RQ	Anz./M.F.	Lwges		Korr. Fomell	min. ds	Dc	Df	Dn	Oret		Drefl	Activ	Ag	Atm	Aor	L A T		KZ		RR		Lm (L A F + K Z + RR)	
		Tag	Nacht			Tag	Nacht						Tag	Nacht						Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)			/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	159.2	3.0	0.0	0.0	0.0	0.0	-55.4	-4.3	-0.3	-20.8	-8.4	0.0	0.0	0.0	3.6	-4.8	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	152.3	3.0	0.0	0.0	0.0	0.6	-55.5	-4.2	-0.3	-20.8	-2.1	0.0	0.0	0.0	3.6	1.5	0.0	
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	125.2	84.0	0.0	0.0	44.8	3.0	0.0	0.0	0.0	1.3	-46.6	-2.8	-0.1	-1.0	37.8	0.0	-9.0	0.0	6.0	34.8	0.0	
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	41.3	3.0	0.0	0.0	0.0	2.0	-43.9	-2.0	-0.1	-2.0	31.0	0.0	0.0	0.0	3.6	34.6	0.0	
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	163.0	3.0	0.0	0.0	0.0	2.1	-55.5	-4.2	-0.3	-20.8	-4.7	0.0	0.0	0.0	3.6	-1.1	0.0	
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	48.2	3.0	0.0	0.0	0.0	0.6	-46.0	-2.4	-0.1	-0.3	26.8	0.0	0.0	0.0	3.6	30.4	0.0	
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	138.2	3.0	0.0	0.0	0.0	1.5	-54.7	-4.2	-0.3	-12.2	11.4	10.7	0.0	0.0	3.6	15.0	10.7	
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	81.5	79.7	0.0	0.0	138.2	3.0	0.0	0.0	0.0	1.5	-54.7	-4.2	-0.3	-12.0	13.1	0.0	-4.3	0.0	3.0	11.8	0.0	
EGFP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	23.3	2.9	0.0	0.0	0.0	0.5	-40.3	-0.4	-0.1	-4.0	30.7	30.0	0.0	0.0	3.6	34.3	30.0	
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	58.6	3.0	0.0	0.0	0.0	0.1	-48.4	-3.4	-0.1	-0.6	25.5	24.9	0.0	0.0	3.6	29.1	24.9	
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	24.9	3.0	0.0	0.0	0.0	1.4	-41.8	-1.1	-0.1	-4.3	33.1	32.5	0.0	0.0	3.6	36.7	32.5	
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	25.1	3.0	0.0	0.0	0.0	1.4	-41.8	-1.1	-0.1	-4.3	37.6	0.0	-4.3	0.0	3.0	36.3	0.0	
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	65.9	3.0	0.0	0.0	0.0	0.1	-48.4	-3.3	-0.1	-0.9	29.8	0.0	-4.3	0.0	3.0	28.5	0.0	
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	64.1	3.0	0.0	0.0	0.0	0.4	-48.8	-3.6	-0.2	-9.1	15.3	15.3	0.0	0.0	3.6	18.9	15.3	
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	161.1	3.0	0.0	0.0	0.0	0.0	-55.3	-4.3	-0.3	-20.7	0.7	0.0	0.0	0.0	3.6	4.3	0.0	
PAuffahrt Rührhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	39.7	3.0	0.0	0.0	0.0	2.1	-48.7	-2.0	-0.1	-2.1	35.2	0.0	0.0	0.0	3.6	39.8	0.0	
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.7	3.0	0.0	0.0	0.0	3.0	-53.0	-3.6	-0.2	-3.2	16.0	16.0	-3.0	-3.0	3.6	16.6	13.0	
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	24.9	2.9	0.0	0.0	0.0	0.7	-38.9	0.0	0.0	-4.9	29.8	29.8	-3.0	-3.0	3.6	30.4	26.8	
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	137.7	6.0	0.0	0.0	0.0	9.3	-53.8	-4.0	-0.3	-20.9	7.8	7.1	0.0	0.0	3.6	11.4	7.1	
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	137.7	6.0	0.0	0.0	0.0	9.3	-53.8	-4.0	-0.3	-20.9	9.6	0.0	-4.3	0.0	3.0	8.3	0.0	
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	24.1	5.8	0.0	0.0	0.0	0.0	-38.6	0.0	0.0	-16.1	24.1	23.4	0.0	0.0	3.6	27.7	23.4	
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	24.1	5.8	0.0	0.0	0.0	0.0	-38.6	0.0	0.0	-16.1	28.6	0.0	-4.3	0.0	3.0	27.3	0.0	
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	61.1	6.0	0.0	0.0	0.0	0.0	-46.7	-2.8	-0.1	-22.2	1.4	1.4	0.0	0.0	3.6	5.0	1.4	

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1088 2.0G V&WFS - GB.: WALTERSPRUE 1 <D>30-3

Lage des Aufpunktes : X= 412.1473 km Y= 6041.6888 km Z= 34.50 m

Tag Nacht
Immission : 48.1 dB(A) 39.1 dB(A)

Emission		mittlere Werte für										LAT		Zeitzuschläge				Lm								
Ident	Tag	Nacht	RQ	Anz./M.F.	Lwges		Korr. Fomell	min. ds	Dc	Df	Dn	Ort		Defl	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ Tag	Nacht	RR Tag	Nacht	Lm (LAP+KEZ)	
					Tag	Nacht						Tag	Nacht												Tag	Nacht
					/m /qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	159.3	3.0	0.0	0.0	0.0	-55.4	-3.9	-0.3	-21.1	-8.4	0.0	0.0	0.0	3.6	-4.8	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	152.4	3.0	0.0	0.0	0.0	-55.4	-3.9	-0.3	-21.0	-2.6	0.0	0.0	0.0	3.6	1.0	0.0	
B&S Einfahrt RH	B&S-RHE	63.0	0.0	lw	1.0	125.2	84.0	0.0	0.0	45.0	3.0	0.0	0.0	0.0	1.4	-46.7	-1.5	-0.1	-0.2	39.9	0.0	-9.0	0.0	6.0	36.9	0.0
B&S EA	RH&S-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	41.5	3.0	0.0	0.0	0.0	1.8	-44.0	-0.5	-0.1	0.0	34.2	0.0	0.0	0.0	3.6	37.8	0.0
Bustellplätze	KH&S	52.5	0.0	lw	2.0	35.3	68.0	0.0	0.0	163.1	3.0	0.0	0.0	0.0	1.9	-55.5	-3.9	-0.3	-21.1	-7.9	0.0	0.0	0.0	3.6	-4.3	0.0
Bustellplätze	RH&S	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	48.3	3.0	0.0	0.0	0.0	0.7	-45.0	-1.1	-0.1	0.0	23.5	0.0	0.0	0.0	3.6	32.1	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	138.3	3.0	0.0	0.0	0.0	1.4	-54.7	-3.8	-0.3	-7.9	16.0	15.3	0.0	0.0	3.6	19.6	15.3
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	44.6	77.1	0.0	0.0	138.3	3.0	0.0	0.0	0.0	1.0	-54.2	-3.7	-0.3	-5.6	17.3	0.0	-4.3	0.0	3.0	16.0	0.0
EGFP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	23.7	2.9	0.0	0.0	0.0	0.5	-40.6	0.0	-0.1	0.0	34.9	34.2	0.0	0.0	3.6	38.5	34.2
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	58.8	3.0	0.0	0.0	0.0	0.0	-48.3	-2.5	-0.1	-0.6	26.3	25.7	0.0	0.0	3.6	29.9	25.7
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	27.2	2.9	0.0	0.0	0.0	1.2	-42.0	-0.3	-0.1	-1.4	35.3	35.7	0.0	0.0	3.6	39.9	35.7
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	27.4	2.9	0.0	0.0	0.0	1.2	-42.1	-0.3	-0.1	-1.4	40.7	0.0	-4.3	0.0	3.0	39.4	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	66.0	3.0	0.0	0.0	0.0	0.0	-48.3	-2.5	-0.1	-0.9	30.6	0.0	-4.3	0.0	3.0	29.3	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	64.2	3.0	0.0	0.0	0.0	0.0	-48.7	-2.9	-0.2	-9.2	15.6	15.6	0.0	0.0	3.6	19.2	15.6
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	161.1	3.0	0.0	0.0	0.0	0.0	-55.3	-3.9	-0.3	-21.1	0.7	0.0	0.0	0.0	3.6	4.3	0.0
PAuffahrt Rührhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	40.0	3.0	0.0	0.0	0.0	1.9	-43.9	-0.4	-0.1	0.0	39.5	0.0	0.0	0.0	3.6	43.1	0.0
R&S-Lüftung	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	125.8	3.0	0.0	0.0	0.0	1.4	-53.0	-3.2	-0.2	-0.8	17.2	17.2	-3.0	-3.0	3.6	17.8	14.2
R&S-Lüftung RH	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	24.9	2.8	0.0	0.0	0.0	0.0	-39.9	0.0	-0.1	0.0	33.8	33.8	-3.0	-3.0	3.6	34.4	30.8
Tor R&S Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	137.9	6.0	0.0	0.0	0.0	4.8	-53.8	-3.6	-0.3	-12.8	11.8	11.1	0.0	0.0	3.6	15.4	11.1
Tor R&S Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	137.9	6.0	0.0	0.0	0.0	4.8	-53.8	-3.6	-0.3	-12.8	13.6	0.0	-4.3	0.0	3.0	12.3	0.0
Tor R&S RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	24.4	5.7	0.0	0.0	0.0	0.0	-38.8	0.0	0.0	-16.4	23.5	22.8	0.0	0.0	3.6	27.1	22.8
Tor R&S RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	24.4	5.7	0.0	0.0	0.0	0.0	-38.8	0.0	0.0	-16.4	23.0	0.0	-4.3	0.0	3.0	26.7	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	61.2	6.0	0.0	0.0	0.0	0.0	-46.7	-1.8	-0.1	-23.3	1.3	1.3	0.0	0.0	3.6	4.9	1.3

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1094 EG V&WFS - GB.: WALTERSPRUE 10 <D>30-4

Lage des Aufpunktes : X= 412.1597 km Y= 6041.6299 km Z= 30.52 m

Tag Nacht
Immission : 46.5 dB(A) 37.3 dB(A)

Emission		mittlere Werte für										LAT		Zeitzuschläge				Lm								
Emitent Name	Ident	Emission		RQ	Anz./M.F.	Lwges		Korr. [Formel]	min. ds	Dc	Df	Dn	Oret		Drefl	Activ	Agr	Atm	Aor	LAT		Zeitzuschläge		Lm		
		Tag	Nacht			Tag	Nacht						Tag	Nacht						Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag
		dB(A)	dB(A)			/m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	162.6	3.0	0.0	0.0	0.0	3.0	-55.6	-4.6	-0.3	-20.4	-5.6	0.0	0.0	0.0	3.6	-2.0	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	154.7	3.0	0.0	0.0	0.0	1.5	-55.5	-4.6	-0.3	-15.9	3.2	0.0	0.0	0.0	3.6	6.8	0.0
B&S Einfahrt RH	B&S-RHE	63.0	0.0	lw	1.0	125.2	84.0	0.0	0.0	39.1	3.0	0.0	0.0	0.0	2.5	-45.2	-3.7	-0.1	-1.5	39.0	0.0	-9.0	0.0	6.0	36.0	0.0
B&S EA	RH&S-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	38.0	3.0	0.0	0.0	0.0	3.4	-42.9	-3.3	-0.1	-1.5	32.6	0.0	0.0	0.0	3.6	35.2	0.0
Bustellplätze	KH&S	52.5	0.0	lw	2.0	55.0	70.0	0.0	0.0	171.7	3.0	0.0	0.0	0.0	0.5	-56.0	-4.6	-0.3	-20.4	-7.8	0.0	0.0	0.0	3.6	-4.2	0.0
Bustellplätze	RH&S	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	39.7	3.0	0.0	0.0	0.0	3.9	-41.9	-3.1	-0.1	-5.8	27.1	0.0	0.0	0.0	3.6	30.7	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	155.1	3.0	0.0	0.0	0.0	0.1	-55.5	-4.5	-0.3	-19.9	1.2	0.5	0.0	0.0	3.6	4.8	0.5
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	75.6	79.4	0.0	0.0	155.1	3.0	0.0	0.0	0.0	0.1	-55.5	-4.5	-0.3	-19.8	2.4	0.0	-4.3	0.0	3.0	1.1	0.0
EGFP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	19.5	3.0	0.0	0.0	0.0	1.5	-39.0	-1.7	0.0	-3.5	32.5	31.8	0.0	0.0	3.6	35.1	31.8
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	48.5	3.0	0.0	0.0	0.0	2.0	-47.0	-4.1	-0.1	-1.6	27.0	26.4	0.0	0.0	3.6	30.6	26.4
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	35.9	3.0	0.0	0.0	0.0	2.2	-42.6	-3.0	-0.1	-1.8	33.7	33.1	0.0	0.0	3.6	37.3	33.1
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	36.2	3.0	0.0	0.0	0.0	2.2	-42.6	-3.1	-0.1	-1.8	38.1	0.0	-4.3	0.0	3.0	36.8	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	60.3	3.0	0.0	0.0	0.0	1.9	-47.1	-4.1	-0.1	-1.4	31.6	0.0	-4.3	0.0	3.0	30.3	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	59.1	3.0	0.0	0.0	0.0	0.0	-48.2	-4.2	-0.1	-4.0	21.0	21.0	0.0	0.0	3.6	24.6	21.0
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	165.7	3.0	0.0	0.0	0.0	3.0	-55.6	-4.6	-0.3	-20.4	3.4	0.0	0.0	0.0	3.6	7.0	0.0
PAuffahrt Rührhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	37.3	3.0	0.0	0.0	0.0	3.2	-42.7	-3.3	-0.1	-1.6	37.5	0.0	0.0	0.0	3.6	41.1	0.0
R&S-Lüftung	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	145.8	3.0	0.0	0.0	0.0	0.4	-54.3	-4.0	-0.3	-0.7	14.1	14.1	-3.0	-3.0	3.6	14.7	11.1
R&S-Lüftung RH	R&S-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	59.8	3.0	0.0	0.0	0.0	0.0	-45.1	-1.6	-0.1	-3.2	23.0	23.0	-3.0	-3.0	3.6	23.6	20.0
Tor R&S Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	155.0	6.0	0.0	0.0	0.0	0.1	-54.8	-4.5	-0.3	-14.8	3.2	2.5	0.0	0.0	3.6	6.8	2.5
Tor R&S Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	155.0	6.0	0.0	0.0	0.0	0.1	-54.8	-4.5	-0.3	-14.8	5.0	0.0	-4.3	0.0	3.0	3.7	0.0
Tor R&S RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	39.8	6.0	0.0	0.0	0.0	0.1	-43.0	-1.9	-0.1	-2.8	33.3	30.6	0.0	0.0	3.6	34.9	30.6
Tor R&S RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	39.8	6.0	0.0	0.0	0.0	0.1	-43.0	-1.9	-0.1	-2.8	35.8	0.0	-4.3	0.0	3.0	34.5	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	57.2	6.0	0.0	0.0	0.0	0.0	-46.1	-3.7	-0.1	-14.8	8.5	8.5	0.0	0.0	3.6	12.1	8.5

Projekt:
Tabelle 11 StF Rügenhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
R5-V046

Datum
24/05/2022

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11

Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1065 EG V04/FPS - GB.: SESIRAC 2 <D>30.5
Lage des Aufpunktes : X= 412.1354 km Y= 6041.6338 km Z= 31.40 m
Tag Nacht
Immission : 59.7 dB(A) 41.1 dB(A)

Emission		Korr.		min.	mittlere Werte für										LAT		Zeitzuschläge			Lm						
Emission Name	Ident	RQ Anz./M.F.		Lwges Tag Nacht	Fomel	ds	Dc	Df	Ort	Defl		Activ	Agr	Atm	Abr	Tag Nacht		KEZ	RR	(LAPFEZRR)						
		Tag	Nacht							Tag	Nacht					Tag	Nacht			Tag	Nacht	Tag	Nacht			
		dB(A)	dB(A)		/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB					
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	140.0	3.0	0.0	0.0	0.0	-54.8	-4.5	-0.3	-9.9	2.8	0.0	0.0	0.0	3.6	6.4	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	139.5	3.0	0.0	0.0	0.0	-54.8	-4.5	-0.3	-6.7	11.8	0.0	0.0	0.0	3.6	15.4	0.0	
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	25.1	3.0	0.0	0.0	0.0	1.1	-41.8	-2.7	-0.1	-0.4	43.1	0.0	0.0	0.0	6.0	40.1	0.0
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	25.5	3.0	0.0	0.0	0.0	2.2	-39.3	-2.1	0.0	-0.9	36.9	0.0	0.0	0.0	3.6	40.5	0.0
Bustellplätze	KH-BUS	52.5	0.0	lw	2.0	35.3	68.0	0.0	0.0	19.9	3.0	0.0	0.0	0.0	0.0	-55.4	-4.5	-0.3	-20.5	-9.7	0.0	0.0	0.0	3.6	-6.1	0.0
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	15.2	3.0	0.0	0.0	0.0	0.6	-36.2	-0.5	0.0	-2.8	35.0	0.0	0.0	0.0	3.6	38.6	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	146.2	3.0	0.0	0.0	0.0	0.1	-54.8	-4.5	-0.3	-20.5	1.3	0.6	0.0	0.0	3.6	4.9	0.6
EA Kurhotel Restaura	EA-RH	60.0	0.0	lw	1.0	35.1	76.1	0.0	0.0	146.2	3.0	0.0	0.0	0.0	0.0	-54.3	-4.5	-0.3	-20.5	-0.5	0.0	-4.3	0.0	3.0	-1.8	0.0
EGFP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	10.3	3.0	0.0	0.0	0.0	0.5	-34.7	0.0	0.0	-4.2	36.8	36.1	0.0	0.0	3.6	40.4	36.1
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	32.5	3.0	0.0	0.0	0.0	0.1	-44.3	-3.6	-0.1	0.0	29.9	29.3	0.0	0.0	3.6	33.5	29.3
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	22.7	3.0	0.0	0.0	0.0	1.4	-30.6	-1.9	-0.1	-1.0	37.8	37.2	0.0	0.0	3.6	41.4	37.2
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	23.1	3.0	0.0	0.0	0.0	1.5	-39.7	-1.9	-0.1	-1.0	42.3	0.0	0.0	0.0	3.0	41.0	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	33.7	3.0	0.0	0.0	0.0	0.1	-44.4	-3.6	-0.1	0.0	34.4	0.0	-4.3	0.0	3.0	33.1	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	43.9	3.0	0.0	0.0	0.0	0.0	-46.0	-3.8	-0.1	-0.6	26.0	26.0	0.0	0.0	3.6	29.6	26.0
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	151.3	3.0	0.0	0.0	0.0	0.0	-54.7	-4.5	-0.3	-10.5	11.3	0.0	0.0	0.0	3.6	14.9	0.0
PAuffahrt Rügenhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	24.9	3.0	0.0	0.0	0.0	2.2	-39.3	-2.1	0.0	-1.0	41.8	0.0	0.0	0.0	3.6	45.4	0.0
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	139.1	3.0	0.0	0.0	0.0	12.2	-53.9	-3.9	-0.3	-21.0	6.1	6.1	-3.0	-3.0	3.6	6.7	3.1
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	52.4	3.0	0.0	0.0	0.0	0.0	-45.4	-1.5	-0.1	-3.2	22.8	22.8	-3.0	-3.0	3.6	23.4	19.8
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	145.5	6.0	0.0	0.0	0.0	0.3	-54.3	-4.4	-0.3	-20.6	-1.8	-2.5	0.0	0.0	3.6	1.8	-2.5
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	146.5	6.0	0.0	0.0	0.0	0.3	-54.3	-4.4	-0.3	-20.6	0.0	0.0	-4.3	0.0	3.0	-1.3	0.0
Tor RH Rhotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	37.2	6.0	0.0	0.0	0.0	0.0	-42.4	-1.6	-0.1	-0.7	34.2	33.5	0.0	0.0	3.6	37.8	33.5
Tor RH Rhotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	37.2	6.0	0.0	0.0	0.0	0.0	-42.4	-1.6	-0.1	-0.7	33.7	0.0	-4.3	0.0	3.0	37.4	0.0
Tor TG Rhotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	42.5	6.0	0.0	0.0	0.0	0.0	-43.6	-3.1	-0.1	-12.5	13.9	13.9	0.0	0.0	3.6	17.5	13.9

Projekt:
Tabelle 11 StF Rügenhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
R5-V046

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1065 1.06 V04/FPS - GB.: SESIRAC 2 <D>30.5
Lage des Aufpunktes : X= 412.1354 km Y= 6041.6338 km Z= 31.20 m
Tag Nacht
Immission : 53.3 dB(A) 43.8 dB(A)

Emission		Lwges		mittlere Werte für		LAT		Zeitzuschläge		Lm																
Name	Ident	Tag	Nacht	RQ	Anz./M.F.	Tag	Nacht	Korr. Formel	min. ds	Dc	Df	Ort	Defl	Activ	Ag	Atm	Abr	Tag	Nacht	KEZ	KR	Tag	Nacht	Tag	Nacht	
		dB(A)	dB(A)		/m/qm	dB(A)	dB(A)	dB	m	dB	dB	Tag	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB(A)	dB(A)			
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	140.0	3.0	0.0	0.0	0.0	-54.9	-4.1	-0.3	-9.9	3.1	0.0	0.0	0.0	3.6	6.7	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	139.5	3.0	0.0	0.0	0.0	0.0	-54.8	-4.1	-0.3	-6.7	12.2	0.0	0.0	0.0	3.6	15.8	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	25.4	3.0	0.0	0.0	0.0	1.1	-42.1	-0.6	-0.1	0.0	45.3	0.0	0.0	0.0	6.0	42.3	0.0
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	25.8	3.0	0.0	0.0	0.0	2.1	-39.4	0.0	-0.1	0.0	36.6	0.0	0.0	0.0	3.6	43.2	0.0
Bustellplätze	KH-BUS	52.5	0.0	lw	2.0	35.3	68.0	0.0	0.0	19.0	3.0	0.0	0.0	0.0	0.0	-55.4	-4.2	-0.3	-20.8	-9.7	0.0	0.0	0.0	3.6	-6.1	0.0
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	15.6	2.9	0.0	0.0	0.0	0.4	-36.5	0.0	0.0	0.0	37.8	0.0	0.0	0.0	3.6	41.4	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	146.3	3.0	0.0	0.0	0.0	0.1	-54.8	-4.2	-0.3	-20.8	1.3	0.6	0.0	0.0	3.6	4.9	0.6
EGFP	PI	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	11.1	2.9	0.0	0.0	0.0	0.3	-36.0	0.0	0.0	0.0	40.4	39.7	0.0	0.0	3.6	44.0	39.7
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	32.7	3.0	0.0	0.0	0.0	0.1	-44.4	-2.1	-0.1	0.0	31.3	30.7	0.0	0.0	3.6	34.9	30.7
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	23.0	3.0	0.0	0.0	0.0	1.2	-39.8	0.0	-0.1	0.0	40.3	39.7	0.0	0.0	3.6	43.9	39.7
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	23.5	3.0	0.0	0.0	0.0	1.2	-39.8	-0.1	-0.1	0.0	44.7	0.0	-4.3	0.0	3.0	43.4	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	33.9	3.0	0.0	0.0	0.0	0.1	-44.5	-2.1	-0.1	0.0	36.8	0.0	-4.3	0.0	3.0	34.5	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	44.1	3.0	0.0	0.0	0.0	0.0	-46.1	-2.7	-0.1	-0.6	27.1	27.1	0.0	0.0	3.6	30.7	27.1
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	151.4	3.0	0.0	0.0	0.0	0.0	-54.8	-4.1	-0.3	-10.5	11.6	0.0	0.0	0.0	3.6	15.2	0.0
PAuffahrt Rügenhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	25.2	3.0	0.0	0.0	0.0	1.9	-39.3	0.0	0.0	0.0	44.5	0.0	0.0	0.0	3.6	48.1	0.0
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	139.1	3.0	0.0	0.0	0.0	12.6	-53.9	-3.5	-0.3	-21.4	6.5	6.5	-3.0	-3.0	3.6	7.1	3.5
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	52.4	3.0	0.0	0.0	0.0	0.0	-45.4	-0.3	-0.1	-2.6	24.6	24.6	-3.0	-3.0	3.6	25.2	21.6
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	146.6	6.0	0.0	0.0	0.0	0.3	-54.3	-4.0	-0.3	-21.0	-1.8	-2.5	0.0	0.0	3.6	1.8	-2.5
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	146.6	6.0	0.0	0.0	0.0	0.3	-54.3	-4.0	-0.3	-21.0	0.0	0.0	-4.3	0.0	3.0	-1.3	0.0
Tor RH Rhotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	37.4	5.9	0.0	0.0	0.0	0.1	-42.5	0.0	0.0	0.0	35.5	35.8	0.0	0.0	3.6	40.1	35.8
Tor RH Rhotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	37.4	5.9	0.0	0.0	0.0	0.1	-42.5	0.0	0.0	0.0	41.0	0.0	-4.3	0.0	3.0	39.7	0.0
Tor TG Rhotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	42.6	6.0	0.0	0.0	0.0	0.0	-43.6	-1.5	-0.1	-12.6	35.4	35.4	0.0	0.0	3.6	19.0	35.4

Projekt:
Tabelle 11. StF Rügenhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04s

Datum
24/05/2022

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1007 EG V04/P05 - GEB.: GRUNDMAUS <D>30-6
Lage des Aufpunktes : X= 402.3661 km Y= 6041.6447 km Z= 30.91 m
Tag Nacht
Immission : 37.6 dB(A) 28.4 dB(A)

Emissions- Name	Ident.	Emission		RQ	Anz./A/FI	L _{Wges}		Korr. Fomell	min. ds	Dc	Df	Ort	mittlere Werte für								L _{AT}		Zeitzuschläge			L _m	
		Tag	Nacht			Tag	Nacht						Defl	Activ	Ag	Atm	Aor	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)			/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl KH	PL-KH	44.4	43.8	lw	1.0	75.3	63.2	62.6	0.0	162.2	3.0	0.0	0.0	0.0	0.0	-56.4	-4.6	-0.3	-20.4	-14.5	-15.1	0.0	0.0	3.6	-10.9	-15.1	
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	189.7	3.0	0.0	0.0	0.0	1.3	-56.4	-4.6	-0.4	-18.6	-6.4	0.0	0.0	0.0	3.6	-2.8	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	171.6	3.0	0.0	0.0	0.0	9.2	-56.5	-4.6	-0.3	-17.6	8.3	0.0	0.0	0.0	3.6	11.9	0.0	
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	56.1	3.0	0.0	0.0	0.0	5.3	-47.7	-4.0	-0.1	-11.3	29.2	0.0	-9.0	0.0	6.0	26.2	0.0	
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	57.0	3.0	0.0	0.0	0.0	3.3	-46.1	-3.8	-0.1	-9.1	21.1	0.0	0.0	0.0	3.6	24.7	0.0	
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	169.7	3.0	0.0	0.0	0.0	0.0	-56.9	-4.6	-0.4	-20.4	-8.3	0.0	0.0	0.0	3.6	-4.7	0.0	
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	45.5	3.0	0.0	0.0	0.0	5.3	-44.8	-3.7	-0.1	-18.9	11.8	0.0	0.0	0.0	3.6	15.4	0.0	
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	176.2	3.0	0.0	0.0	0.0	0.1	-56.4	-4.6	-0.4	-20.4	-0.4	-1.1	0.0	0.0	3.6	3.2	-1.1	
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	176.2	3.0	0.0	0.0	0.0	0.1	-56.4	-4.6	-0.4	-20.4	1.3	0.0	-4.3	0.0	3.0	0.0	0.0	
EGFP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	40.3	3.0	0.0	0.0	0.0	2.0	-44.1	-3.5	-0.1	-6.1	23.4	22.7	0.0	0.0	3.6	27.0	22.7	
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	66.7	3.0	0.0	0.0	0.0	8.0	-48.8	-4.2	-0.2	-13.6	19.0	18.4	0.0	0.0	3.6	22.6	18.4	
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	53.6	3.0	0.0	0.0	0.0	2.4	-46.1	-3.8	-0.1	-5.6	25.8	25.2	0.0	0.0	3.6	29.4	25.2	
EinAusfahrt Rest RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	54.1	3.0	0.0	0.0	0.0	2.4	-46.2	-3.8	-0.1	-5.6	30.2	0.0	-4.3	0.0	3.0	28.9	0.0	
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	67.2	3.0	0.0	0.0	0.0	7.9	-49.9	-4.2	-0.2	-13.5	23.5	0.0	-4.3	0.0	3.0	22.2	0.0	
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	75.3	3.0	0.0	0.0	0.0	6.5	-49.9	-4.3	-0.2	-14.6	14.1	14.1	0.0	0.0	3.6	17.7	14.1	
P-Auffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	183.2	3.0	0.0	0.0	0.0	1.0	-56.3	-4.6	-0.4	-18.2	2.7	0.0	0.0	0.0	3.6	6.3	0.0	
P-Auffahrt Rügenrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	56.0	3.0	0.0	0.0	0.0	3.4	-46.1	-3.8	-0.1	-5.7	29.6	0.0	0.0	0.0	3.6	33.2	0.0	
RHS-Lüftung	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	167.2	3.0	0.0	0.0	0.0	4.4	-55.5	-4.1	-0.3	-13.6	3.9	3.9	-3.0	-3.0	3.6	4.5	0.9	
RHS-Lüftung RH	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	71.3	3.0	0.0	0.0	0.0	4.3	-48.1	-2.6	-0.1	-14.5	12.0	12.0	-3.0	-3.0	3.6	12.6	9.0	
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	176.1	6.0	0.0	0.0	0.0	0.1	-55.9	-4.5	-0.3	-20.6	-3.7	-4.4	0.0	0.0	3.6	-0.1	-4.4	
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	176.1	6.0	0.0	0.0	0.0	0.1	-55.9	-4.5	-0.3	-20.6	-1.9	0.0	-4.3	0.0	3.0	-3.2	0.0	
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	61.1	6.0	0.0	0.0	0.0	5.6	-46.7	-3.1	-0.1	-15.3	19.4	18.7	0.0	0.0	3.6	23.0	18.7	
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	61.1	6.0	0.0	0.0	0.0	5.6	-46.7	-3.1	-0.1	-15.3	23.9	0.0	-4.3	0.0	3.0	22.6	0.0	
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	74.2	6.0	0.0	0.0	0.0	0.0	-48.4	-4.0	-0.1	-21.0	-0.3	-0.3	0.0	0.0	3.6	3.3	-0.3	

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1007 1.06 V04/P05 - GEB.: GRUNDMAUS <D>30-6
Lage des Aufpunktes : X= 402.3661 km Y= 6041.6447 km Z= 33.71 m
Tag Nacht
Immission : 41.7 dB(A) 32.8 dB(A)

Emission Name	Ident	Emission		RQ	Anz./A/FI	L _{Wges}		Korr. Fomell	min. ds	Dc	Df	Ort	mittlere Werte für								L _{AT}		Zeitzuschläge			L _m	
		Tag	Nacht			Tag	Nacht						Defl	Activ	Ag	Atm	Aor	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)			/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	169.7	3.0	0.0	0.0	0.0	0.8	-56.4	-4.3	-0.4	-16.6	-4.6	0.0	0.0	0.0	3.6	-1.0	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	171.6	3.0	0.0	0.0	0.0	7.0	-56.4	-4.3	-0.3	-15.1	9.0	0.0	0.0	0.0	3.6	12.6	0.0	
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	56.2	3.0	0.0	0.0	0.0	7.8	-47.8	-3.0	-0.1	-10.6	33.3	0.0	-9.0	0.0	6.0	30.3	0.0	
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	57.1	3.0	0.0	0.0	0.0	6.3	-46.2	-2.8	-0.1	-8.3	25.9	0.0	0.0	0.0	3.6	29.5	0.0	
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	169.7	3.0	0.0	0.0	0.0	0.0	-56.9	-4.4	-0.4	-20.6	-8.3	0.0	0.0	0.0	3.6	-4.7	0.0	
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	45.6	3.0	0.0	0.0	0.0	9.7	-44.8	-2.3	-0.1	-16.4	20.0	0.0	0.0	0.0	3.6	23.6	0.0	
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	176.3	3.0	0.0	0.0	0.0	0.1	-56.4	-4.3	-0.4	-20.5	-0.2	-0.9	0.0	0.0	3.6	3.4	-0.9	
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	176.3	3.0	0.0	0.0	0.0	0.1	-56.4	-4.3	-0.4	-20.5	1.5	0.0	-4.3	0.0	3.0	0.2	0.0	
EGFP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	40.4	3.0	0.0	0.0	0.0	3.1	-44.0	-2.0	-0.1	-5.3	26.9	26.2	0.0	0.0	3.6	30.5	26.2	
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	66.8	3.0	0.0	0.0	0.0	9.3	-48.8	-3.5	-0.2	-12.1	22.5	21.9	0.0	0.0	3.6	26.1	21.9	
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	53.7	3.0	0.0	0.0	0.0	3.5	-46.3	-2.6	-0.1	-4.0	29.5	28.9	0.0	0.0	3.6	33.1	28.9	
EinAusfahrt Rest RH	EA-RH-D	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	54.2	3.0	0.0	0.0	0.0	3.5	-46.3	-2.6	-0.1	-4.0	34.0	0.0	-4.3	0.0	3.0	32.7	0.0	
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	67.3	3.0	0.0	0.0	0.0	9.2	-48.8	-3.5	-0.2	-12.0	27.1	0.0	0.0	0.0	3.0	25.8	0.0	
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	75.4	3.0	0.0	0.0	0.0	6.8	-49.9	-3.7	-0.2	-12.6	17.0	17.0	0.0	0.0	3.6	20.6	17.0	
P-Auffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	183.2	3.0	0.0	0.0	0.0	0.5	-56.3	-4.3	-0.4	-15.4	5.3	0.0	0.0	0.0	3.6	8.9	0.0	
P-Auffahrt Rügenrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	56.1	3.0	0.0	0.0	0.0	5.3	-46.2	-2.8	-0.1	-5.8	32.4	0.0	0.0	0.0	3.6	36.0	0.0	
RHS-Lüftung	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	167.2	3.0	0.0	0.0	0.0	0.0	-55.5	-3.8	-0.3	-0.9	12.5	12.5	-3.0	-3.0	3.6	13.1	9.5	
RHS-Lüftung RH	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	71.2	3.0	0.0	0.0	0.0	0.1	-48.1	-1.8	-0.1	-2.9	20.2	20.2	-3.0	-3.0	3.6	20.8	17.2	
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	176.2	6.0	0.0	0.0	0.0	0.0	-55.9	-4.2	-0.3	-17.0	0.1	-0.6	0.0	0.0	3.6	3.7	-0.6	
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	176.2	6.0	0.0	0.0	0.0	0.0	-55.9	-4.2	-0.3	-17.0	1.9	0.0	-4.3	0.0	3.0	0.6	0.0	
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	61.2	6.0	0.0	0.0	0.0	0.3	-46.7	-2.1	-0.1	-3.1	27.3	26.6	0.0	0.0	3.6	30.9	26.6	
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	61.2	6.0	0.0	0.0	0.0	0.3	-46.7	-2.1	-0.1	-3.1	31.8	0.0	-4.3	0.0	3.0	30.5	0.0	
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	74.3	6.0	0.0	0.0	0.0	0.0	-8.4	-3.2	-0.1	-21.9	-0.4	-0.4	0.0	0.0	3.6	3.2	-0.4	

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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1007 2.0G V04-FPS - GB.: GRUNDLAGES <D>D-6
Lage des Aufpunktes : X= 412.1661 km Y= 6041.6447 km Z= 35.51 m
Tag Nacht
Immission : 48.8 dB(A) 35.0 dB(A)

Emission		Lwges		Korr.		mittlere Werte für										LAT		Zeitzuschläge		Lm					
Name	Ident	Tag	Nacht	RQ	Anz./M.F.	Tag	Nacht	Fomell	min.	Dc	Df	Qnet	Defl	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	(LAT+KEZ+KR)			
		dB(A)	dB(A)		/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB(A)	dB(A)		
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	189.8	3.0	0.0	0.0	1.1	-55.5	-4.0	-0.4	-12.5	0.0	0.0	0.0	3.6	3.6	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	171.7	3.0	0.0	0.0	4.3	-55.5	-4.0	-0.3	-11.1	10.5	0.0	0.0	3.6	14.1	0.0	
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	55.5	3.0	0.0	0.0	7.4	-47.7	-2.1	-0.1	-9.3	35.2	0.0	-9.0	0.0	6.0	32.2	0.0
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	57.3	3.0	0.0	0.0	6.8	-46.2	-1.7	-0.1	-7.8	27.9	0.0	0.0	3.6	31.5	0.0	
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	199.8	3.0	0.0	0.0	0.0	-56.9	-4.1	-0.4	-20.9	-8.3	0.0	0.0	3.6	-4.7	0.0	
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	-4.9	3.0	0.0	0.0	9.3	-44.8	-1.1	-0.1	-15.0	22.2	0.0	0.0	3.6	25.8	0.0	
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	176.4	3.0	0.0	0.0	0.1	-55.5	-4.0	-0.4	-21.0	-0.4	-1.1	0.0	3.6	3.2	-1.1	
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	84.5	79.9	0.0	0.0	176.4	3.0	0.0	0.0	0.1	-56.4	-4.0	-0.4	-21.0	1.2	0.0	-4.3	3.0	-0.1	0.0	
EGFP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	40.8	3.0	0.0	0.0	2.9	-44.1	-0.6	-0.1	-4.8	28.5	27.8	0.0	3.6	32.1	27.8	
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	66.9	3.0	0.0	0.0	8.4	-48.7	-2.8	-0.2	-10.6	23.9	23.3	0.0	3.6	27.5	23.3	
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	54.0	3.0	0.0	0.0	3.4	-46.4	-1.6	-0.1	-2.8	31.5	30.9	0.0	3.6	35.1	30.9	
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	54.4	3.0	0.0	0.0	3.5	-46.4	-1.6	-0.1	-2.8	35.1	0.0	-4.3	3.0	34.8	0.0	
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	67.5	3.0	0.0	0.0	8.3	-48.7	-2.8	-0.2	-10.5	28.5	0.0	-4.3	3.0	3.0	27.2	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	75.6	3.0	0.0	0.0	5.5	-49.9	-3.0	-0.2	-10.6	18.4	18.4	0.0	3.6	22.0	18.4	
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	183.3	3.0	0.0	0.0	0.7	-56.4	-4.0	-0.4	-11.4	9.8	0.0	0.0	3.6	13.4	0.0	
PAuffahrt Rührhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	56.4	3.0	0.0	0.0	4.9	-46.2	-1.7	-0.1	-4.5	34.4	0.0	0.0	3.6	38.0	0.0	
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	167.3	3.0	0.0	0.0	0.0	-55.5	-3.5	-0.3	0.0	13.7	13.7	-3.0	-3.0	3.6	14.3	10.7
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	71.3	3.0	0.0	0.0	0.0	-48.1	-0.9	-0.1	0.0	23.9	23.9	-3.0	-3.0	3.6	24.5	20.9
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	176.3	6.0	0.0	0.0	0.0	-55.9	-3.9	-0.3	-16.9	0.5	-0.2	0.0	3.6	4.1	-0.2	
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	176.3	6.0	0.0	0.0	0.0	-55.9	-3.9	-0.3	-16.9	2.3	0.0	-4.3	0.0	3.0	1.0	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	61.4	6.0	0.0	0.0	0.2	-46.8	-1.1	-0.1	-1.0	30.2	29.5	0.0	3.6	33.8	29.5	
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	61.4	6.0	0.0	0.0	0.2	-46.8	-1.1	-0.1	-1.0	34.7	0.0	-4.3	3.0	33.4	0.0	
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	74.4	6.0	0.0	0.0	0.0	-48.4	-2.4	-0.1	-21.5	0.8	0.8	0.0	3.6	4.4	0.8	

Projekt:
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Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : 1008 EG St-FPS - GB.: SESSIALE 52 <D>D-7
Lage des Aufpunktes : X= 412.1101 km Y= 6041.6662 km Z= 32.96 m
Tag Nacht
Immission : 48.8 dB(A) 43.9 dB(A)

Emission		Lwges		Korr.		min.		Dc		Df		mittlere Werte für								LAT		Zeitzuschläge		Lm		
Name	Ident	Tag	Nacht	RQ	Anz./M.F.	Tag	Nacht	Fomell	ds			Tag	Nacht	Defl	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	(LAT+KEZ+KR)	Tag	Nacht	
		dB(A)	dB(A)		/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)	dB(A)	
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	129.5	3.0	0.0	0.0	0.0	3.5	-53.7	-4.4	-0.3	0.0	17.4	0.0	0.0	0.0	0.0	17.4	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	119.3	3.0	0.0	0.0	0.0	4.0	-53.7	-4.4	-0.3	0.0	23.7	0.0	0.0	0.0	0.0	23.7	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	18.1	3.0	0.0	0.0	0.0	2.7	-39.1	-1.5	0.0	-0.1	49.0	0.0	-9.0	0.0	0.0	40.0	0.0
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	27.4	3.0	0.0	0.0	0.0	4.2	-40.6	-2.6	-0.1	0.0	37.9	0.0	0.0	0.0	0.0	37.9	0.0
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	35.3	68.0	0.0	0.0	149.9	3.0	0.0	0.0	0.0	2.8	-54.5	-4.5	-0.3	-20.5	-6.0	0.0	0.0	0.0	0.0	-6.0	0.0
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	16.6	3.0	0.0	0.0	0.0	2.1	-35.1	-0.2	0.0	0.0	39.8	0.0	0.0	0.0	0.0	39.8	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	155.3	3.0	0.0	0.0	0.0	0.7	-54.2	-4.4	-0.3	-13.6	9.5	8.8	0.0	0.0	0.0	9.5	8.8
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	7.9	69.6	0.0	0.0	155.3	3.0	0.0	0.0	0.0	2.5	-53.7	-4.4	-0.3	-20.6	-3.9	0.0	-4.3	0.0	0.0	-8.2	0.0
EGFP	PL	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	27.5	3.0	0.0	0.0	0.0	2.3	-41.7	-2.7	-0.1	0.0	33.0	32.3	0.0	0.0	0.0	33.0	32.3
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	19.5	3.0	0.0	0.0	0.0	2.4	-38.9	-1.6	0.0	0.0	39.7	39.1	0.0	0.0	0.0	39.7	39.1
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	19.6	3.0	0.0	0.0	0.0	3.3	-40.7	-2.0	-0.1	0.0	39.5	38.9	0.0	0.0	0.0	39.5	38.9
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	19.8	3.0	0.0	0.0	0.0	3.3	-40.8	-2.0	-0.1	0.0	43.9	0.0	-4.3	0.0	0.0	39.6	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	19.6	3.0	0.0	0.0	0.0	2.4	-39.0	-1.7	0.0	-0.1	44.0	0.0	-4.3	0.0	0.0	39.7	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	39.9	3.0	0.0	0.0	0.0	3.1	-42.3	-3.1	-0.1	0.0	34.2	34.2	0.0	0.0	0.0	34.2	34.2
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	122.2	3.0	0.0	0.0	0.0	2.8	-53.7	-4.4	-0.3	0.0	25.7	0.0	0.0	0.0	0.0	25.7	0.0
PAuffahrt Rührhote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	26.7	3.0	0.0	0.0	0.0	4.2	-40.6	-2.6	-0.1	0.0	42.9	0.0	0.0	0.0	0.0	42.9	0.0
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	139.9	3.0	0.0	0.0	0.0	2.5	-53.9	-3.9	-0.3	-21.0	-3.6	-3.6	-3.0	-3.0	0.0	-6.6	-6.6
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	74.1	3.0	0.0	0.0	0.0	2.5	-48.4	-2.6	-0.1	-1.8	22.6	22.6	-3.0	-3.0	0.0	19.6	19.6
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	142.9	6.0	0.0	0.0	0.0	0.3	-54.1	-4.4	-0.3	-9.6	9.4	8.7	0.0	0.0	0.0	9.4	8.7
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	142.9	6.0	0.0	0.0	0.0	0.3	-54.1	-4.4	-0.3	-9.6	11.2	0.0	-4.3	0.0	0.0	6.9	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	55.7	6.0	0.0	0.0	0.0	4.8	-46.1	-3.0	-0.1	0.0	34.6	33.9	0.0	0.0	0.0	34.6	33.9
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	55.7	6.0	0.0	0.0	0.0	4.8	-46.1	-3.0	-0.1	0.0	39.1	0.0	-4.3	0.0	0.0	34.8	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	31.7	6.0	0.0	0.0	0.0	2.4	-41.0	-2.3	0.0	0.0	32.3	32.3	0.0	0.0	0.0	32.3	32.3

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1009 EG 00-FS. - GB.: BAHNSTRASSE 12 <D>D-11
Lage des Aufpunktes : X= 412.0139 km Y= 604.5187 km Z= 27.00 m
Tag Nacht
Immission : 37.1 dB(A) 31.2 dB(A)

Emission Name	Ident	Emission		RQ	Anz./A/FI	L _{Wges}		Korr. Fomel	min. dB	Dc	Df	mittlere Werte für								L _{Af}		Zeitzuschläge			L _m	
		Tag	Nacht			Tag	Nacht					Tag	Nacht	Dref	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	Tag	Nacht	Tag	Nacht
		dB(A)	dB(A)		/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	Pl-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	36.7	3.0	0.0	0.0	0.0	2.2	-42.9	-3.1	-0.1	-4.4	17.9	17.3	0.0	0.0	3.6	21.5	17.3
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	95.2	3.0	0.0	0.0	0.0	0.1	-50.6	-4.1	-0.2	-20.9	-3.4	0.0	0.0	0.0	3.6	0.2	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	95.3	3.0	0.0	0.0	0.0	1.0	-50.8	-4.1	-0.2	-20.8	3.1	0.0	0.0	0.0	3.6	6.7	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	144.1	3.0	0.0	0.0	0.0	0.4	-54.3	-4.3	-0.3	-7.9	29.5	0.0	-9.0	0.0	6.0	17.5	0.0
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	144.0	3.0	0.0	0.0	0.0	0.0	-54.2	-4.3	-0.3	-20.7	-2.5	0.0	0.0	0.0	3.6	1.1	0.0
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	71.6	3.0	0.0	0.0	0.0	5.2	-48.3	-3.9	-0.1	-6.2	20.7	0.0	0.0	0.0	3.6	24.3	0.0
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	75.1	3.0	0.0	0.0	0.0	0.0	-56.0	-4.4	-0.3	-20.6	-6.3	0.0	0.0	0.0	3.6	-2.7	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	27.2	3.0	0.0	0.0	0.0	1.2	-44.6	-3.0	-0.1	-4.8	29.9	29.2	0.0	0.0	3.6	33.5	29.2
EA Kurhotel Restaura	EA-RH-KH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	27.2	3.0	0.0	0.0	0.0	1.2	-44.6	-3.0	-0.1	-4.8	31.6	0.0	-4.3	0.0	3.0	30.3	0.0
EGFP	Pl	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	140.0	3.0	0.0	0.0	0.0	2.9	-54.7	-4.3	-0.3	-19.3	-0.5	-1.2	0.0	0.0	3.6	3.1	-1.2
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	144.9	3.0	0.0	0.0	0.0	0.3	-54.4	-4.3	-0.3	-6.4	12.7	12.1	0.0	0.0	3.6	16.3	12.1
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	137.1	3.0	0.0	0.0	0.0	0.2	-54.2	-4.2	-0.3	-16.7	3.8	3.2	0.0	0.0	3.6	7.4	3.2
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	136.9	3.0	0.0	0.0	0.0	0.0	-54.1	-4.2	-0.3	-16.8	8.1	0.0	-4.3	0.0	3.0	6.8	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	144.4	3.0	0.0	0.0	0.0	0.3	-54.3	-4.3	-0.3	-6.2	17.6	0.0	-4.3	0.0	3.0	16.3	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	127.4	3.0	0.0	0.0	0.0	0.1	-53.6	-4.3	-0.3	-6.5	12.0	12.0	0.0	0.0	3.6	15.6	12.0
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	94.3	3.0	0.0	0.0	0.0	0.0	-50.6	-4.1	-0.2	-20.9	5.5	0.0	0.0	0.0	3.6	9.1	0.0
PAuffahrt Rügenrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	143.7	3.0	0.0	0.0	0.0	0.1	-54.3	-4.3	-0.3	-20.7	2.5	0.0	0.0	0.0	3.6	6.1	0.0
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	39.9	3.0	0.0	0.0	0.0	1.0	-40.8	-2.6	-0.1	-4.9	25.6	25.6	-3.0	-3.0	3.6	26.2	22.6
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	132.0	3.0	0.0	0.0	0.0	3.2	-53.4	-3.7	-0.3	-5.2	13.6	13.6	-3.0	-3.0	3.6	14.2	10.6
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	26.5	6.0	0.0	0.0	0.0	0.0	-39.5	-1.5	0.0	-12.7	23.7	23.0	0.0	0.0	3.6	27.3	23.0
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	26.5	6.0	0.0	0.0	0.0	0.0	-39.5	-1.5	0.0	-12.7	25.5	0.0	-4.3	0.0	3.0	24.2	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	137.0	6.0	0.0	0.0	0.0	3.6	-53.7	-4.0	-0.3	-16.9	7.7	7.0	0.0	0.0	3.6	11.3	7.0
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	137.0	6.0	0.0	0.0	0.0	3.6	-53.7	-4.0	-0.3	-16.9	12.2	0.0	-4.3	0.0	3.0	10.9	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	136.3	6.0	0.0	0.0	0.0	0.0	-53.7	-4.2	-0.3	-20.7	-5.7	-5.7	0.0	0.0	3.6	-2.1	-5.7

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : 1009 1.06 00-FS. - GB.: BAHNSTRASSE 12 <D>D-11
Lage des Aufpunktes : X= 412.0139 km Y= 604.5187 km Z= 29.80 m
Tag Nacht
Immission : 39.5 dB(A) 33.5 dB(A)

Emission Name	Ident	L _{Wges}										mittlere Werte für										L _{Af}		Zeitzuschläge				L _m	
		RQ		Anz./A/FI		Tag		Nacht		Korr. Fomel	min. dB	Dc	Df	Ort		Drefl	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	L _{Af} (L _{Af} + KEZ)				
		Tag	Nacht	Tag	Nacht	Tag	Nacht	Tag	Nacht					Tag	Nacht										Tag	Nacht	Tag	Nacht	Tag
		dB(A)	dB(A)			/m /qm	dB(A)	dB	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)		
6 Stellpl. KH	Pl-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	36.9	3.0	0.0	0.0	0.0	2.1	-43.1	-1.3	-0.1	-4.2	19.6	19.0	0.0	0.0	3.6	23.2	19.0			
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	95.1	3.0	0.0	0.0	0.0	0.0	-50.6	-3.5	-0.2	-21.5	-3.5	0.0	0.0	0.0	3.6	0.1	0.0			
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	95.4	3.0	0.0	0.0	0.0	1.0	-50.8	-3.6	-0.2	-21.4	3.1	0.0	0.0	0.0	3.6	6.7	0.0			
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	144.1	3.0	0.0	0.0	0.0	0.6	-54.2	-3.9	-0.3	-4.7	24.3	0.0	-9.0	0.0	6.0	21.3	0.0			
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	144.0	3.0	0.0	0.0	0.0	0.0	-54.2	-4.0	-0.3	-21.0	-2.5	0.0	0.0	0.0	3.6	1.1	0.0			
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	71.7	3.0	0.0	0.0	0.0	5.2	-48.3	-3.1	-0.1	-4.9	22.8	0.0	0.0	0.0	3.6	26.4	0.0			
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	75.0	3.0	0.0	0.0	0.0	0.0	-56.0	-4.0	-0.3	-21.0	-6.3	0.0	0.0	0.0	3.6	-2.7	0.0			
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	27.4	3.0	0.0	0.0	0.0	1.4	-44.9	-1.3	-0.1	-4.0	32.4	31.7	0.0	0.0	3.6	36.0	31.7			
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	27.4	3.0	0.0	0.0	0.0	1.4	-44.9	-1.3	-0.1	-4.0	34.1	0.0	-4.3	0.0	3.0	32.8	0.0			
EGFP	Pl	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	140.0	3.0	0.0	0.0	0.0	1.3	-54.7	-4.0	-0.3	-15.6	1.8	1.1	0.0	0.0	3.6	5.4	1.1			
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	144.9	3.0	0.0	0.0	0.0	0.3	-54.4	-4.0	-0.3	-3.0	16.5	15.9	0.0	0.0	3.6	20.1	15.9			
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	137.0	3.0	0.0	0.0	0.0	0.1	-54.2	-3.8	-0.3	-10.5	10.3	9.7	0.0	0.0	3.6	13.9	9.7			
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	136.9	3.0	0.0	0.0	0.0	0.0	-54.1	-3.8	-0.3	-10.7	14.6	0.0	-4.3	0.0	3.0	13.3	0.0			
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	144.3	3.0	0.0	0.0	0.0	0.3	-54.3	-3.9	-0.3	-2.9	21.3	0.0	-4.3	0.0	3.0	20.0	0.0			
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	127.4	3.0	0.0	0.0	0.0	0.0	-53.5	-3.9	-0.3	-2.1	16.8	16.8	0.0	0.0	3.6	20.4	16.8			
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	94.2	3.0	0.0	0.0	0.0	0.0	-50.5	-3.5	-0.2	-21.4	5.6	0.0	0.0	0.0	3.6	9.2	0.0			
PAuffahrt Rügenrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	143.7	3.0	0.0	0.0	0.0	0.1	-54.3	-4.0	-0.3	-21.0	2.5	0.0	0.0	0.0	3.6	6.1	0.0			
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	39.7	3.0	0.0	0.0	0.0	0.6	-40.7	-0.2	-0.1	-4.7	27.9	27.9	-3.0	-3.0	3.6	28.5	24.9			
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	131.9	3.0	0.0	0.0	0.0	2.5	-53.4	-3.3	-0.2	-1.4	17.1	17.1	-3.0	-3.0	3.6	17.7	14.1			
Tor RH Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	26.7	5.9	0.0	0.0	0.0	0.0	-39.6	0.0	0.1	-12.7	26.0	24.3	0.0	0.0	3.6	28.6	24.3			
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	26.7	5.9	0.0	0.0	0.0	0.0	-39.6	0.0	-0.1	-12.7	26.8	0.0	-4.3	0.0	3.0	25.5	0.0			
Tor RH Rhotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	136.9	6.0	0.0	0.0	0.0	3.8	-53.7	-3.7	-0.3	-16.1	9.0	8.3	0.0	0.0	3.6	12.6	8.3			
Tor RH Rhotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	136.9	6.0	0.0	0.0	0.0	3.8	-53.7	-3.7	-0.3	-16.1	13.5	0.0	-4.3	0.0	3.0	12.2	0.0			
Tor TG Rhotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	136.3	6.0	0.0	0.0	0.0	0.0	-53.7	-3.8	-0.3	-21.1	-5.7	-5.7	0.0	0.0	3.6	-21	-5.7			

Projekt:
Tabelle 11. StöF Rügenhotel + Kurhotel V04 als Parkhaus geschlossen

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : I010 EG 00-FS. - GB.: BAHNSTRASSE 14 <D>D-12
Lage des Aufpunktes : X= 412.6818 km Y= 6041.5341 km Z= 27.18 m
Tag Nacht
Immission : 41.5 dB(A) 35.4 dB(A)

Emission		mittlere Werte für										LAT		Zeitzuschläge		Lm										
Name	Ident	Emission		RQ	Anz./A/FI	Lwges		Korr. Fomell	min. ds	Dc	Df	Ort		Drefl	Activ	Agr	Atm	Aor	LAT		KEZ		KR	Lm (LAF+KEZ+KR)		
		Tag	Nacht			Tag	Nacht					Tag	Nacht						Tag	Nacht	Tag	Nacht		Tag	Nacht	Tag
		dB(A)	dB(A)			/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)
6 Stellpl. KH	Pl-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	29.2	3.0	0.0	0.0	0.0	-41.1	-2.8	-0.1	-3.7	18.4	17.8	0.0	0.0	3.6	22.0	17.8	
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	76.4	3.0	0.0	0.0	0.0	-48.8	-4.0	-0.1	-21.0	-1.7	0.0	0.0	0.0	3.6	1.9	0.0	
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	76.3	3.0	0.0	0.0	0.0	-48.9	-4.1	-0.2	-20.9	5.9	0.0	0.0	0.0	3.6	9.5	0.0	
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	136.7	3.0	0.0	0.0	0.0	-54.1	-4.4	-0.3	-8.3	21.2	0.0	-9.0	0.0	6.0	18.2	0.0	
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	142.4	3.0	0.0	0.0	0.0	-54.1	-4.4	-0.3	-20.6	-2.2	0.0	0.0	0.0	3.6	1.4	0.0	
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	52.7	3.0	0.0	0.0	0.0	-53.3	-3.7	-0.1	-6.8	23.1	0.0	0.0	0.0	3.6	26.7	0.0	
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	53.3	3.0	0.0	0.0	0.0	-54.9	-4.4	-0.3	-20.6	-6.0	0.0	0.0	0.0	3.6	-2.4	0.0	
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	22.1	3.0	0.0	0.0	0.0	-41.6	-2.1	-0.1	-8.8	30.4	29.7	0.0	0.0	3.6	34.0	29.7	
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	22.1	3.0	0.0	0.0	0.0	-41.6	-2.1	-0.1	-8.8	32.1	0.0	-4.3	0.0	3.0	30.8	0.0	
EGFP	Pl	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	140.5	3.0	0.0	0.0	0.0	-54.7	-4.4	-0.3	-19.1	-3.2	-3.9	0.0	0.0	3.6	0.4	-3.9	
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	137.6	3.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-6.0	14.4	13.8	0.0	0.0	3.6	18.0	13.8	
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	138.3	3.0	0.0	0.0	0.0	-54.1	-4.2	-0.3	-11.1	9.3	8.7	0.0	0.0	3.6	12.9	8.7	
EinAusfahrt Rest. RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	138.1	3.0	0.0	0.0	0.0	-54.1	-4.2	-0.3	-11.2	13.7	0.0	-4.3	0.0	3.0	12.4	0.0	
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	137.0	3.0	0.0	0.0	0.0	-53.9	-4.4	-0.3	-6.1	19.0	0.0	-4.3	0.0	3.0	17.7	0.0	
Einf. Auf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	120.7	3.0	0.0	0.0	0.0	-53.1	-4.3	-0.2	-6.6	13.6	13.6	0.0	0.0	3.6	17.2	13.6	
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	75.8	3.0	0.0	0.0	0.0	-48.8	-4.0	-0.1	-21.0	7.4	0.0	0.0	0.0	3.6	11.0	0.0	
PAuffahrt Rügenrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	142.4	3.0	0.0	0.0	0.0	-54.1	-4.4	-0.3	-20.6	2.8	0.0	0.0	0.0	3.6	6.4	0.0	
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	136.1	3.0	0.0	0.0	0.0	-53.7	-3.2	-0.1	-3.3	23.8	23.8	-3.0	-3.0	3.6	24.4	23.8	
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	136.2	3.0	0.0	0.0	0.0	-53.7	-3.8	-0.3	-4.2	11.7	11.7	-3.0	-3.0	3.6	12.3	8.7	
Tor RH Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	22.3	6.0	0.0	0.0	0.0	-38.0	-0.7	0.0	-4.6	34.2	33.5	0.0	0.0	3.6	37.8	33.5	
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	22.3	6.0	0.0	0.0	0.0	-38.0	-0.7	0.0	-4.6	36.0	0.0	-4.3	0.0	3.0	34.7	0.0	
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	138.8	6.0	0.0	0.0	0.0	-53.8	-4.1	-0.3	-2.5	18.3	17.6	0.0	0.0	3.6	21.9	17.6	
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	138.8	6.0	0.0	0.0	0.0	-53.8	-4.1	-0.3	-2.5	22.8	0.0	-4.3	0.0	3.0	21.5	0.0	
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	132.3	6.0	0.0	0.0	0.0	-53.4	-4.2	-0.3	-17.7	-2.1	-2.1	0.0	0.0	3.6	1.5	-2.1	

Projekt:
Tabelle 11. StöF Rügenhotel + Kurhotel V04 als Parkhaus geschlossen

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : I010 1.06 00-FS. - GB.: BAHNSTRASSE 14 <D>D-12
Lage des Aufpunktes : X= 412.6818 km Y= 6041.5341 km Z= 29.98 m
Tag Nacht
Immission : 44.0 dB(A) 37.8 dB(A)

Emitent Name	Ident	Emission		RQ	Anz./A/FI	Lwges Tag Nacht	Korr. Formel	min. ds	Dc	Df	Ort	mittlere Werte für						LAT		Zeitzuschläge			Lm (LAHKEZR)			
		Tag	Nacht									Drefl	Activ	Agr	Atm	Aor	Tag	Nacht	KR	Tag	Nacht					
																						Tag	Nacht	Tag	Nacht	Tag
		dB(A)	dB(A)			/m/qm	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)	dB(A)		
6 Stellpl KH	Pl-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	29.4	3.0	0.0	0.0	0.0	0.0	-41.2	-0.6	-0.1	-3.9	20.4	19.8	0.0	0.0	3.6	24.0	19.8
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	76.5	3.0	0.0	0.0	0.0	0.0	-48.8	-3.3	-0.1	-21.7	-1.7	0.0	0.0	0.0	3.6	1.9	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	76.6	3.0	0.0	0.0	0.0	0.0	-49.0	-3.3	-0.2	-21.6	7.0	0.0	0.0	0.0	3.6	10.6	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	136.7	3.0	0.0	0.0	0.0	0.0	-54.1	-4.0	-0.3	-7.9	21.9	0.0	-9.0	0.0	6.0	18.9	0.0
BUS EA	RH-BUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	142.4	3.0	0.0	0.0	0.0	0.0	-54.1	-4.0	-0.3	-21.0	-2.2	0.0	0.0	0.0	3.6	1.4	0.0
Bustellplätze	RH-BUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	52.7	3.0	0.0	0.0	0.0	0.0	-52.2	-2.5	-0.1	-5.1	25.9	0.0	0.0	0.0	3.6	29.5	0.0
Bustellplätze	RH-BUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	53.3	3.0	0.0	0.0	0.0	0.0	-54.9	-4.1	-0.3	-20.9	-6.0	0.0	0.0	0.0	3.6	-2.4	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	22.4	3.0	0.0	0.0	0.0	0.0	-41.7	-0.6	-0.1	-6.9	34.1	33.4	0.0	0.0	3.6	37.7	33.4
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	22.4	3.0	0.0	0.0	0.0	0.0	-41.7	-0.6	-0.1	-6.9	35.8	0.0	-4.3	0.0	3.0	34.5	0.0
EGFP	Pl	44.6	43.9	lw	2.0	42.9	70.9	70.2	0.0	140.5	3.0	0.0	0.0	0.0	0.0	-54.6	-4.0	-0.3	-18.9	-3.9	-4.6	0.0	0.0	3.6	-0.3	-4.6
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	137.6	3.0	0.0	0.0	0.0	0.0	-54.0	-4.0	-0.3	-5.6	15.2	14.6	0.0	0.0	3.6	18.8	14.6
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	138.3	3.0	0.0	0.0	0.0	0.0	-54.2	-3.8	-0.3	-10.2	10.5	9.9	0.0	0.0	3.6	14.1	9.9
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	138.1	3.0	0.0	0.0	0.0	0.0	-54.1	-3.8	-0.3	-10.3	15.0	0.0	-4.3	0.0	3.0	13.7	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	136.9	3.0	0.0	0.0	0.0	0.0	-53.9	-4.0	-0.3	-5.7	19.7	0.0	-4.3	0.0	3.0	18.4	0.0
Einf Ausf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	120.7	3.0	0.0	0.0	0.0	0.0	-53.2	-3.9	-0.2	-6.0	14.4	14.4	0.0	0.0	3.6	18.0	14.4
PAuffahrt Kurhotel	KH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	75.8	3.0	0.0	0.0	0.0	0.0	-48.8	-3.3	-0.1	-21.8	7.4	0.0	0.0	0.0	3.6	11.0	0.0
PAuffahrt Rügenrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	142.4	3.0	0.0	0.0	0.0	0.0	-54.1	-4.0	-0.3	-21.0	2.8	0.0	0.0	0.0	3.6	6.4	0.0
RH-Lüftung	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	37.9	3.0	0.0	0.0	0.0	0.0	-42.6	-1.3	-0.1	-3.4	25.6	25.6	-3.0	-3.0	3.6	26.2	22.6
RH-Lüftung RH	RH-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	136.1	3.0	0.0	0.0	0.0	0.0	-53.7	-3.4	-0.2	-1.3	15.8	15.8	-3.0	-3.0	3.6	16.4	12.8
Tor RH Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	22.6	5.9	0.0	0.0	0.0	0.0	-38.1	0.0	0.0	-3.3	36.0	35.3	0.0	0.0	3.6	30.6	35.3
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	22.6	5.9	0.0	0.0	0.0	0.0	-38.1	0.0	0.0	-3.3	37.8	0.0	-4.3	0.0	3.0	35.5	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	138.7	6.0	0.0	0.0	0.0	0.0	-38.8	-3.7	-0.3	0.0	21.2	20.5	0.0	0.0	3.6	24.8	20.5
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	138.7	6.0	0.0	0.0	0.0	0.0	-38.8	-3.7	-0.3	0.0	25.7	0.0	-4.3	0.0	3.0	24.4	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	132.2	6.0	0.0	0.0	0.0	0.0	-53.4	-3.8	-0.2	-13.4	2.4	2.4	0.0	0.0	3.6	6.0	2.4

Projekt:
Tabelle 11. StöF Rügenhotel + Kurhotel V04 als Parkhaus geschlossen

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : B012 EG 00-FS. - GB.: BAHNSTRASSE 16 <D>D-13

Lage des Aufpunktes : X= 411.994 km Y= 6041.557 km Z= 28.66 m

Tag Nacht
Immission : 39.8 dB(A) 33.2 dB(A)

Emission Name	Ident	Emission		RQ	Anz./A/FI	Lwges		Korr. [Formel]	min. dB	Dc	Df	mittlere Werte für								LAT		Zeitzuschläge			Lm	
		Tag	Nacht			Tag	Nacht					Ort	Drefl	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	Tag	Nacht	Tag	Nacht	
		dB(A)	dB(A)		/m /qm	dB(A)	dB		m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	Pl-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	33.0	3.0	0.0	0.0	0.0	1.9	-42.0	-3.0	-0.1	-5.1	17.8	17.2	0.0	0.0	3.6	21.4	17.2
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	59.3	3.0	0.0	0.0	0.0	0.0	-45.3	-3.7	-0.1	-21.3	1.9	0.0	0.0	0.0	3.6	5.5	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	59.0	3.0	0.0	0.0	0.0	0.1	-45.7	-3.8	-0.1	-21.2	7.4	0.0	0.0	0.0	3.6	11.0	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	125.2	84.0	0.0	0.0	127.4	3.0	0.0	0.0	0.0	0.0	-53.6	-4.4	-0.3	-20.6	8.2	0.0	-9.0	0.0	6.0	5.2	0.0
BUS EA	RHBUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	139.3	3.0	0.0	0.0	0.0	0.0	-53.9	-4.4	-0.3	-20.6	-2.2	0.0	0.0	0.0	3.6	1.4	0.0
Bustellplätze	RHBUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	26.1	3.0	0.0	0.0	0.0	2.6	-39.7	-2.2	-0.1	-6.4	23.2	0.0	0.0	0.0	3.6	31.8	0.0
Bustellplätze	RHBUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	148.4	3.0	0.0	0.0	0.0	0.0	-54.6	-4.5	-0.3	-20.5	-5.9	0.0	0.0	0.0	3.6	-2.3	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	19.2	3.0	0.0	0.0	0.0	2.9	-38.6	-1.6	0.0	-11.3	32.8	32.1	0.0	0.0	3.6	35.4	32.1
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	19.2	3.0	0.0	0.0	0.0	2.9	-38.6	-1.6	0.0	-11.3	34.5	0.0	-4.3	0.0	3.0	33.2	0.0
EGFP	Pl	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	147.2	3.0	0.0	0.0	0.0	0.2	-54.7	-4.4	-0.3	-20.6	-4.6	-5.3	0.0	0.0	3.6	-1.0	-5.3
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	128.4	3.0	0.0	0.0	0.0	0.0	-53.4	-4.4	-0.3	-20.6	-0.9	-1.5	0.0	0.0	3.6	2.7	-1.5
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	138.5	3.0	0.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-20.6	-0.3	-0.9	0.0	0.0	3.6	3.3	-0.9
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	138.2	3.0	0.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-20.6	4.2	0.0	-4.3	0.0	3.0	2.9	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	127.7	3.0	0.0	0.0	0.0	0.0	-53.3	-4.4	-0.2	-20.6	3.8	0.0	-4.3	0.0	3.0	2.5	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	111.2	3.0	0.0	0.0	0.0	0.0	-52.5	-4.3	-0.2	-20.7	-1.1	-1.1	0.0	0.0	3.6	2.5	-1.1
PAuffahrt Kurhotel	PA-KH	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	49.8	3.0	0.0	0.0	0.0	0.0	-45.2	-3.7	-0.1	-21.3	11.0	0.0	0.0	0.0	3.6	14.6	0.0
PAuffahrt Rügenrote	PA-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	139.5	3.0	0.0	0.0	0.0	0.0	-53.9	-4.4	-0.3	-20.6	2.8	0.0	0.0	0.0	3.6	6.4	0.0
RHS-Lüftung	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	55.1	3.0	0.0	0.0	0.0	1.1	-45.8	-3.7	-0.1	-1.4	23.1	23.1	-3.0	-3.0	3.6	23.7	20.1
RHS-Lüftung RH	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	141.5	3.0	0.0	0.0	0.0	0.0	-54.0	-4.0	-0.3	-13.0	1.7	1.7	-3.0	-3.0	3.6	2.3	-1.3
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	35.2	6.0	0.0	0.0	0.0	0.5	-41.9	-2.6	-0.1	-7.8	25.6	24.9	0.0	0.0	3.6	29.2	24.9
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	35.2	6.0	0.0	0.0	0.0	0.5	-41.9	-2.6	-0.1	-7.8	27.4	0.0	-4.3	0.0	3.0	26.1	0.0
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	140.7	6.0	0.0	0.0	0.0	0.0	-54.0	-4.1	-0.3	-20.8	-0.2	-0.9	0.0	0.0	3.6	3.4	-0.9
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	140.7	6.0	0.0	0.0	0.0	0.0	-54.0	-4.1	-0.3	-20.8	4.3	0.0	-4.3	0.0	3.0	3.0	0.0
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	126.4	6.0	0.0	0.0	0.0	0.6	-53.0	-4.3	-0.2	-20.8	-4.5	-4.5	0.0	0.0	3.6	-0.9	-4.5

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : B012 1.06 00-FS. - GB.: BAHNSTRASSE 16 <D>D-13

Lage des Aufpunktes : X= 411.994 km Y= 6041.557 km Z= 30.86 m

Tag Nacht
Immission : 44.8 dB(A) 38.4 dB(A)

Emission Name	Ident	Emission		RQ	Anz./A/FI	Lwges		Korr. Fomel	min. ds	Dc	Df	mittlere Werte für								LAT		Zeitzuschläge			Lm	
		Tag	Nacht			Tag	Nacht					Ort	Drefl	Activ	Ag	Atm	Aor	Tag	Nacht	KEZ	KR	Tag	Nacht	Tag	Nacht	
		dB(A)	dB(A)		/m/qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)	
6 Stellpl. KH	Pl-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	33.3	3.0	0.0	0.0	0.0	1.9	-42.0	-1.1	-0.1	-3.7	21.2	20.6	0.0	0.0	3.6	24.8	20.6
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	59.4	3.0	0.0	0.0	0.0	0.0	-65.4	-2.5	-0.1	-22.6	1.8	0.0	0.0	0.0	3.6	5.4	0.0
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	59.0	3.0	0.0	0.0	0.0	0.5	-67	-2.6	-0.1	-22.4	7.8	0.0	0.0	0.0	3.6	11.4	0.0
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	125.2	84.0	0.0	0.0	127.6	3.0	0.0	0.0	0.0	0.4	-53.6	-4.0	-0.3	-21.0	8.5	0.0	-9.0	0.0	6.0	5.5	0.0
BUS EA	RHBUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	139.3	3.0	0.0	0.0	0.0	0.0	-53.9	-4.0	-0.3	-21.0	-2.2	0.0	0.0	0.0	3.6	1.4	0.0
Bustellplätze	RHBUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	26.3	3.0	0.0	0.0	0.0	3.6	-39.7	0.0	-0.1	-6.0	31.7	0.0	0.0	0.0	3.6	35.3	0.0
Bustellplätze	RHBUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	148.3	3.0	0.0	0.0	0.0	0.0	-54.6	-4.1	-0.3	-20.9	-5.9	0.0	0.0	0.0	3.6	-2.3	0.0
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	19.6	3.0	0.0	0.0	0.0	3.6	-38.8	0.0	0.0	-8.0	33.1	37.4	0.0	0.0	3.6	41.7	37.4
EA Kurhotel Restaura	EA-RKH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	19.6	3.0	0.0	0.0	0.0	3.6	-38.8	0.0	0.0	-8.0	39.8	0.0	-4.3	0.0	3.0	38.5	0.0
EGFP	Pl	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	147.2	3.0	0.0	0.0	0.0	0.2	-54.7	-4.1	-0.3	-20.9	-4.6	-5.3	0.0	0.0	3.6	-1.0	-5.3
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	129.1	3.0	0.0	0.0	0.0	0.5	-53.4	-4.0	-0.3	-21.0	-0.4	-1.0	0.0	0.0	3.6	3.2	-1.0
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	139.0	3.0	0.0	0.0	0.0	0.1	-54.0	-4.0	-0.3	-21.0	-0.2	-0.8	0.0	0.0	3.6	3.4	-0.8
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	138.8	3.0	0.0	0.0	0.0	0.0	-54.0	-4.0	-0.3	-21.0	4.2	0.0	-4.3	0.0	3.0	2.9	0.0
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	128.6	3.0	0.0	0.0	0.0	0.5	-53.3	-4.0	-0.2	-21.0	4.3	0.0	-4.3	0.0	3.0	3.0	0.0
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	111.6	3.0	0.0	0.0	0.0	0.3	-52.6	-3.9	-0.2	-21.2	-0.9	-0.9	0.0	0.0	3.6	2.7	-0.9
PAuffahrt Kurhotel	PA-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	49.9	3.0	0.0	0.0	0.0	0.0	-65.2	-2.4	-0.1	-22.6	11.0	0.0	0.0	0.0	3.6	14.6	0.0
PAuffahrt Rügenrote	PA-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	139.5	3.0	0.0	0.0	0.0	0.0	-53.9	-4.0	-0.3	-21.0	2.8	0.0	0.0	0.0	3.6	6.4	0.0
RHS-Lüftung	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	55.0	3.0	0.0	0.0	0.0	1.2	-65.8	-2.5	-0.1	-2.0	23.8	23.8	-3.0	-3.0	3.6	24.4	20.8
RHS-Lüftung RH	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	54.4	3.0	0.0	0.0	0.0	0.0	-54.0	-3.6	-0.1	-11.6	3.5	3.5	-3.0	-3.0	3.6	4.1	0.5
Tor RH Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	55.4	6.0	0.0	0.0	0.0	0.8	-42.0	-0.6	-0.1	-4.3	31.3	30.6	0.0	0.0	3.6	34.9	30.6
Tor RH Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	55.4	6.0	0.0	0.0	0.0	0.8	-42.0	-0.6	-0.1	-4.3	33.1	0.0	-4.3	0.0	3.0	31.8	0.0
Tor RH Rhotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	54.7	6.0	0.0	0.0	0.0	0.0	-54.0	-3.8	-0.3	-21.0	-0.1	-0.8	0.0	0.0	3.6	3.5	-0.8
Tor RH Rhotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	54.7	6.0	0.0	0.0	0.0	0.0	-54.0	-3.8	-0.3	-21.0	4.4	0.0	-4.3	0.0	3.0	31.1	0.0
Tor TG Rhotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	126.3	6.0	0.0	0.0	0.0	0.6	-53.0	-3.8	-0.2	-21.3	-4.5	-4.5	0.0	0.0	3.6	-0.9	-4.5

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Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : B013 EG 00-FS - GB.: BAHNSTRASSE 17 <D>D-14
Lage des Aufpunktes : X= 411.985 km Y= 604.534 km Z= 28.36 m
Tag Nacht
Immission : 41.9 dB(A) 35.0 dB(A)

Emitent Name	Ident	Emission		RQ	Anz./A/FI	Lwges		Korr. Formel	min. dB	Dc	Df	mittlere Werte für										LAT		Zeitzuschläge			Lm	
		Tag	Nacht			Tag	Nacht					Ort	Drefl	Activ	Agr	Atm	Aor	Tag	Nacht	KEZ	KR	Tag	Nacht					
		dB(A)	dB(A)		/ m / qm	dB(A)	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB	dB(A)	dB(A)			
6 Stellpl. KH	Pl-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	36.1	3.0	0.0	0.0	0.0	5.5	-42.8	-3.2	-0.1	-10.9	14.7	14.1	0.0	0.0	3.6	18.3	14.1		
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	44.2	3.0	0.0	0.0	0.0	0.0	-44.3	-3.5	-0.1	-21.5	2.9	0.0	0.0	0.0	3.6	6.5	0.0		
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	43.7	3.0	0.0	0.0	0.0	0.3	-44.7	-3.6	-0.1	-21.4	8.6	0.0	0.0	0.0	3.6	12.2	0.0		
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	125.8	3.0	0.0	0.0	0.0	0.0	-53.5	-4.4	-0.3	-20.6	8.2	0.0	-9.0	0.0	6.0	5.2	0.0		
BUS EA	RHBUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	139.2	3.0	0.0	0.0	0.0	0.0	-53.9	-4.4	-0.3	-20.6	-2.2	0.0	0.0	0.0	3.6	1.4	0.0		
Bustellplätze	RHBUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	138.8	3.0	0.0	0.0	0.0	3.2	-37.6	-1.1	0.0	-7.2	31.4	0.0	0.0	0.0	3.6	35.0	0.0		
Bustellplätze	RHBUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	147.8	3.0	0.0	0.0	0.0	0.0	-54.6	-4.5	-0.3	-20.5	-5.9	0.0	0.0	0.0	3.6	-2.3	0.0		
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	17.0	3.0	0.0	0.0	0.0	3.1	-37.7	-0.7	0.0	-10.7	35.3	34.6	0.0	0.0	3.6	38.9	34.6		
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	17.0	3.0	0.0	0.0	0.0	3.1	-37.7	-0.7	0.0	-10.7	37.0	0.0	-4.3	0.0	3.0	35.7	0.0		
EGFP	Pl	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	147.3	3.0	0.0	0.0	0.0	0.2	-54.7	-4.4	-0.3	-20.6	-4.6	-5.3	0.0	0.0	3.6	-1.0	-5.3		
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	127.3	3.0	0.0	0.0	0.0	0.0	-53.4	-4.4	-0.2	-20.6	-0.8	-1.4	0.0	0.0	3.6	2.8	-1.4		
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	139.1	3.0	0.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-20.6	-0.3	-0.9	0.0	0.0	3.6	3.3	-0.9		
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	80.5	0.0	0.0	139.0	3.0	0.0	0.0	0.0	0.0	-54.0	-4.4	-0.3	-20.6	4.2	0.0	-4.3	0.0	3.0	2.9	0.0		
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	126.8	3.0	0.0	0.0	0.0	0.0	-53.3	-4.4	-0.2	-20.6	3.9	0.0	-4.3	0.0	3.0	2.6	0.0		
EinAusf TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	110.2	3.0	0.0	0.0	0.0	0.0	-52.4	-4.3	-0.2	-20.7	-1.0	-1.0	0.0	0.0	3.6	2.6	-1.0		
PAuffahrt Kurhotel	RH-Checkin	62.0	0.0	lw	2.0	43.1	78.3	0.0	0.0	43.8	3.0	0.0	0.0	0.0	0.0	-44.2	-3.5	-0.1	-21.5	12.0	0.0	0.0	0.0	3.6	15.6	0.0		
PAuffahrt Rügenrote	RH-Checkin	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	139.4	3.0	0.0	0.0	0.0	0.0	-53.9	-4.4	-0.3	-20.6	2.8	0.0	0.0	0.0	3.6	6.4	0.0		
RHS-Lüftung	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	60.1	3.0	0.0	0.0	0.0	2.5	-46.6	-3.4	-0.1	-3.0	21.8	21.8	-3.0	-3.0	3.6	22.4	18.8		
RHS-Lüftung RH	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	143.4	3.0	0.0	0.0	0.0	0.0	-54.1	-4.5	-0.3	-20.5	-6.4	-6.4	-3.0	-3.0	3.6	-5.8	-9.4		
Tor RH Kurhotel	RH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	40.2	6.0	0.0	0.0	0.0	0.0	-43.1	-3.0	-0.1	-9.3	22.0	21.3	0.0	0.0	3.6	25.6	21.3		
Tor RH Kurhotel Res	RH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	40.2	6.0	0.0	0.0	0.0	0.0	-43.1	-3.0	-0.1	-9.3	23.8	0.0	-4.3	0.0	3.0	22.5	0.0		
Tor RH RHotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	141.9	6.0	0.0	0.0	0.0	0.0	-54.0	-4.1	-0.3	-20.9	-0.3	-1.0	0.0	0.0	3.6	3.3	-1.0		
Tor RH RHotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	141.9	6.0	0.0	0.0	0.0	0.0	-54.0	-4.1	-0.3	-20.9	4.2	0.0	-4.3	0.0	3.0	2.9	0.0		
Tor TG RHotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	125.7	6.0	0.0	0.0	0.0	0.0	-53.0	-4.3	-0.2	-20.7	-5.0	-5.0	0.0	0.0	3.6	-1.4	-5.0		

Projekt:
Tabelle 11 StF Rügenhotel + Kurhotel V04 als Parkhaus geschlossen

Auftrag
RS-V04

Datum
24/05/2022

Seite
24

Berechnung nach ISO 9613, Mitwärd

Aufpunktbezeichnung : B013 1.06 00-FS - GB.: BAHNSTRASSE 17 <D>D-14
Lage des Aufpunktes : X= 411.985 km Y= 604.534 km Z= 31.16 m
Tag Nacht
Immission : 46.5 dB(A) 39.6 dB(A)

Emissions- Name	Ident.	Emission		RQ	Anz./A/FI	Lwges		Korr. Formel	min. dB	Dc	Df	mittlere Werte für										LAT		Zeitzuschläge			Lm	
		Tag	Nacht			Tag	Nacht					Ort	Drefl	Activ	Agr	Atm	Aor		Tag	Nacht	KEZ	KR	Tag	Nacht				
		dB(A)	dB(A)		/ m / qm	dB(A)	dB	m	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)	dB(A)					
6 Stellpl. KH	Pl-KH	44.4	43.8	lw	2.0	75.3	63.2	62.6	0.0	36.4	3.0	0.0	0.0	0.0	1.9	-42.9	-1.4	-0.1	-4.1	19.6	19.0	0.0	0.0	3.6	23.2	19.0		
Auffahrt Kurhotel	Auf-KH	57.3	0.0	lw	1.0	15.7	69.3	0.0	0.0	44.2	3.0	0.0	0.0	0.0	0.0	-44.3	-2.1	-0.1	-22.9	2.9	0.0	0.0	0.0	3.6	6.5	0.0		
Auffahrt Rampe	Rampen-KH	60.0	0.0	lw	1.0	32.6	75.1	0.0	0.0	43.8	3.0	0.0	0.0	0.0	0.7	-44.7	-2.2	-0.1	-22.8	9.0	0.0	0.0	0.0	3.6	12.6	0.0		
BUS Einfahrt RH	BUS-RHE	63.0	0.0	lw	1.0	126.2	84.0	0.0	0.0	125.7	3.0	0.0	0.0	0.0	0.4	-53.5	-4.0	-0.3	-21.0	8.6	0.0	-9.0	0.0	6.0	5.6	0.0		
BUS EA	RHBUS-EA	59.0	0.0	lw	2.0	31.5	74.0	0.0	0.0	139.2	3.0	0.0	0.0	0.0	0.0	-53.9	-4.0	-0.3	-21.0	-2.2	0.0	0.0	0.0	3.6	1.4	0.0		
Bustellplätze	RHBUS	52.5	0.0	lw	2.0	70.8	71.0	0.0	0.0	20.1	2.9	0.0	0.0	0.0	3.2	-37.6	0.0	0.0	-3.8	35.7	0.0	0.0	0.0	3.6	39.3	0.0		
Bustellplätze	RHBUS	52.0	0.0	lw	2.0	80.7	71.0	0.0	0.0	147.8	3.0	0.0	0.0	0.0	0.0	-54.6	-4.1	-0.3	-20.9	-5.9	0.0	0.0	0.0	3.6	-2.3	0.0		
EA Kurhotel	EA-KH	58.9	58.2	lw	1.0	87.5	78.3	77.6	0.0	17.3	2.9	0.0	0.0	0.0	3.6	-37.6	-0.1	0.0	-7.3	39.8	39.1	0.0	0.0	3.6	43.4	39.1		
EA Kurhotel Restaura	EA-RH	60.6	0.0	lw	1.0	87.5	80.0	0.0	0.0	17.3	2.9	0.0	0.0	0.0	3.6	-37.6	-0.1	0.0	-7.3	41.5	0.0	-4.3	0.0	3.0	40.2	0.0		
EGFP	Pl	44.6	43.9	lw	2.0	59.2	72.2	71.5	0.0	147.3	3.0	0.0	0.0	0.0	0.0	-54.7	-4.1	-0.3	-20.9	-4.8	-5.5	0.0	0.0	3.6	-1.2	-5.5		
EinAus RH	EA-RH	59.5	58.9	lw	1.0	33.6	74.8	74.2	0.0	127.2	3.0	0.0	0.0	0.0	0.5	-53.4	-4.0	-0.2	-21.1	-0.3	-0.9	0.0	0.0	3.6	3.3	-0.9		
EinAusfahrt RH	EA-RHD	59.5	58.9	lw	1.0	44.5	76.0	75.4	0.0	139.1	3.0	0.0	0.0	0.0	0.0	-54.0	-4.0	-0.3	-21.0	-0.3	-0.9	0.0	0.0	3.6	3.3	-0.9		
EinAusfahrt Rest RH	EA-RHD	64.0	0.0	lw	1.0	44.3	89.5	0.0	0.0	139.0	3.0	0.0	0.0	0.0	0.0	-54.0	-4.0	-0.3	-21.0	4.2	0.0	-4.3	0.0	3.0	29.0	0.0		
EinAusfahrt Restau	EA-RH	64.0	0.0	lw	1.0	34.8	79.4	0.0	0.0	126.8	3.0	0.0	0.0	0.0	0.5	-53.3	-4.0	-0.2	-21.0	4.4	0.0	-4.3	0.0	3.0	3.1	0.0		
EinAusf. TG	EA-TG	56.8	56.8	lw	1.0	48.2	73.6	73.6	0.0	110.2	3.0	0.0	0.0	0.0	0.3	-52.4	-3.9	-0.2	-21.1	-0.7	-0.7	0.0	0.0	3.6	2.9	-0.7		
PAuffahrt Kurhotel	KH-OrdnK	62.0	0.0	lw	2.0	43.1	73.3	0.0	0.0	43.9	3.0	0.0	0.0	0.0	0.0	-44.2	-2.1	-0.1	-22.9	12.0	0.0	0.0	0.0	3.6	15.6	0.0		
PAuffahrt Rughote	RH-OrdnK	62.7	0.0	lw	2.0	42.7	79.0	0.0	0.0	139.3	3.0	0.0	0.0	0.0	0.0	-53.9	-4.0	-0.3	-21.0	2.8	0.0	0.0	0.0	3.6	6.4	0.0		
RHS-Lüftung	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	60.0	3.0	0.0	0.0	0.0	2.1	-46.6	-2.4	-0.1	-18.2	24.2	3.0	-3.0	3.6	24.8	21.2			
RHS-Lüftung RH	RHS-Luft	70.0	70.0	lw	0.0	1.0	70.0	70.0	0.0	143.3	3.0	0.0	0.0	0.0	0.0	-54.1	-4.1	-0.3	-17.6	-3.1	-3.1	-3.0	3.6	3.6	-2.5	-6.1		
Tor RHS Kurhotel	KH-Tor	71.5	70.8	lw	0.0	1.0	71.5	70.8	0.0	40.5	6.0	0.0	0.0	0.0	0.7	-43.1	-1.3	-0.1	-3.7	39.0	29.3	0.0	0.0	3.6	33.6	29.3		
Tor RHS Kurhotel Res	KH-Tor-R	73.3	0.0	lw	0.0	1.0	73.3	0.0	0.0	40.5	6.0	0.0	0.0	0.0	0.7	-43.1	-1.3	-0.1	-3.7	31.8	0.0	4.3	0.0	3.0	30.5	0.0		
Tor RHS Rhotel	RH-Tor	73.0	72.3	lw	0.0	1.0	73.0	72.3	0.0	141.9	6.0	0.0	0.0	0.0	0.0	-54.0	-3.8	-0.3	-21.2	-0.3	-1.0	0.0	0.0	3.6	3.3	-1.0		
Tor RHS Rhotel Rest	RH-Tor-R	77.5	0.0	lw	0.0	1.0	77.5	0.0	0.0	141.9	6.0	0.0	0.0	0.0	0.0	-54.0	-3.8	-0.3	-21.2	4.2	0.0	-4.3	0.0	3.0	29.0	0.0		
Tor TG Rhotel	TG-Tor	67.2	67.2	lw	0.0	1.0	67.2	67.2	0.0	125.7	6.0	0.0	0.0	0.0	0.0	-53.0	-3.8	-0.2	-21.2	-5.0	-5.0	0.0	0.0	3.6	-1.4	-5.0		

