

## DS100 DIRECTIONAL DUST FLUX REPORT

<b>Client:</b>	Cory Environmental (Central) Ltd	<b>Site:</b>	Hafod Landfill Site
<b>Point:</b>	NW (directional monitoring point)		
<b>Date Out:</b>	04-Jul-17	<b>Date In:</b>	01-Aug-17
<b>Interval*:</b>	28 days	<b>Our Ref:</b>	77513 / NW / ZCEHAF

### DIRECTIONAL DUST FLUX DATA

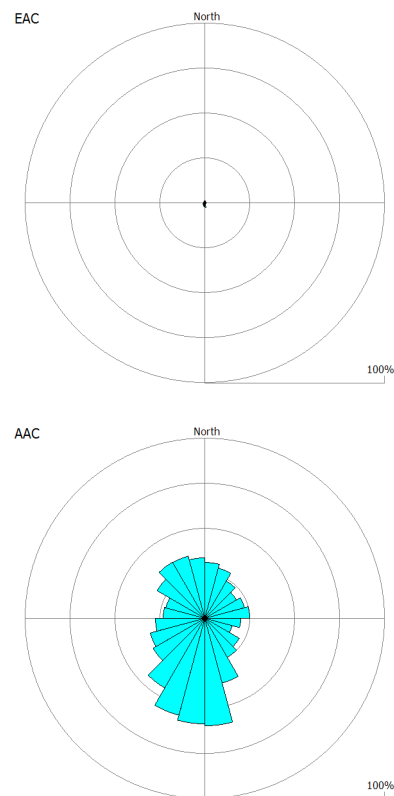
Effective Area Coverage (EAC%) / interval = 1.1

Absolute Area Coverage (AAC%) / interval = 32.0

Effective Area Coverage (EAC%) / day = 0.0

Absolute Area Coverage (AAC%) / day = 1.1

Segment	EAC% /Interval	AAC% /Interval	EAC% /Day	AAC% /Day	Dust Impact Risk
00°-15°	1.2	31.1	<0.1	1.1	N/A
15°-30°	1.3	29.0	<0.1	1.0	N/A
30°-45°	0.9	24.0	<0.1	0.9	N/A
45°-60°	0.7	20.5	<0.1	0.7	N/A
60°-75°	0.8	22.9	<0.1	0.8	N/A
75°-90°	0.9	25.1	<0.1	0.9	N/A
90°-105°	0.7	20.2	<0.1	0.7	N/A
105°-120°	0.5	16.0	<0.1	0.6	N/A
120°-135°	0.8	22.3	<0.1	0.8	N/A
135°-150°	0.9	25.3	<0.1	0.9	N/A
150°-165°	1.2	37.2	<0.1	1.3	N/A
165°-180°	2.5	59.7	<0.1	2.1	N/A
180°-195°	2.3	58.9	<0.1	2.1	N/A
195°-210°	2.0	55.9	<0.1	2.0	N/A
210°-225°	1.5	44.6	<0.1	1.6	N/A
225°-240°	1.1	33.3	<0.1	1.2	N/A
240°-255°	1.3	31.5	<0.1	1.1	N/A
255°-270°	1.0	27.6	<0.1	1.0	N/A
270°-285°	0.8	23.4	<0.1	0.8	N/A
285°-300°	0.7	22.8	<0.1	0.8	N/A
300°-315°	0.9	30.9	<0.1	1.1	N/A
315°-330°	1.1	36.2	<0.1	1.3	N/A
330°-345°	1.1	36.1	<0.1	1.3	N/A
345°-360°	1.2	33.6	<0.1	1.2	N/A



The rose diagrams represent the soiling (EAC) and presence (AAC) of dust for each 15 degree arc per sampling interval.

**Sampling interval exceeded 14 days - Dust Impact Risk cannot be calculated**

\*We recommend 1-14 day sampling intervals

Please see our 'Quick Guide to DustScan DS100 Reporting' for more information on our assessment matrix and criteria



## DS100 DIRECTIONAL DUST FLUX REPORT

<b>Client:</b>	Cory Environmental (Central) Ltd	<b>Site:</b>	Hafod Landfill Site
<b>Point:</b>	SE (directional monitoring point)		
<b>Date Out:</b>	04-Jul-17	<b>Date In:</b>	01-Aug-17
<b>Interval*:</b>	28 days	<b>Our Ref:</b>	77514 / SE / ZCEHAF

### DIRECTIONAL DUST FLUX DATA

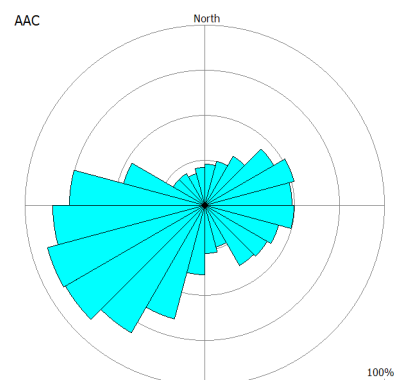
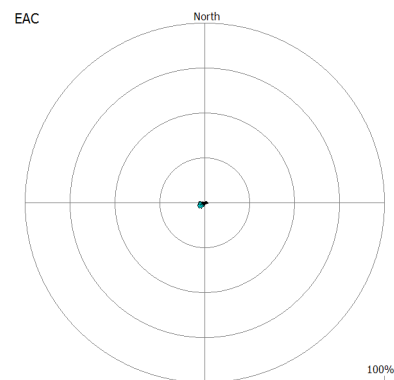
Effective Area Coverage (EAC%) / interval = 1.7

Absolute Area Coverage (AAC%) / interval = 45.9

Effective Area Coverage (EAC%) / day = 0.1

Absolute Area Coverage (AAC%) / day = 1.6

Segment	EAC% /Interval	AAC% /Interval	EAC% /Day	AAC% /Day	Dust Impact Risk
00°-15°	0.6	23.1	<0.1	0.8	N/A
15°-30°	0.7	25.6	<0.1	0.9	N/A
30°-45°	0.9	31.6	<0.1	1.1	N/A
45°-60°	1.4	44.5	<0.1	1.6	N/A
60°-75°	1.7	51.4	<0.1	1.8	N/A
75°-90°	1.6	48.8	<0.1	1.7	N/A
90°-105°	1.8	49.8	<0.1	1.8	N/A
105°-120°	1.3	42.7	<0.1	1.5	N/A
120°-135°	1.3	40.1	<0.1	1.4	N/A
135°-150°	1.2	38.7	<0.1	1.4	N/A
150°-165°	0.6	24.2	<0.1	0.9	N/A
165°-180°	0.7	27.0	<0.1	1.0	N/A
180°-195°	1.2	38.8	<0.1	1.4	N/A
195°-210°	2.3	65.5	<0.1	2.3	N/A
210°-225°	3.6	82.1	0.1	2.9	N/A
225°-240°	4.5	89.7	0.2	3.2	N/A
240°-255°	4.6	90.8	0.2	3.2	N/A
255°-270°	3.8	84.7	0.1	3.0	N/A
270°-285°	3.3	75.5	0.1	2.7	N/A
285°-300°	1.7	46.9	<0.1	1.7	N/A
300°-315°	0.4	20.4	<0.1	0.7	N/A
315°-330°	0.4	20.4	<0.1	0.7	N/A
330°-345°	0.4	18.4	<0.1	0.7	N/A
345°-360°	0.5	21.3	<0.1	0.8	N/A



The rose diagrams represent the soiling (EAC) and presence (AAC) of dust for each 15 degree arc per sampling interval.

**Sampling interval exceeded 14 days - Dust Impact Risk cannot be calculated**

\*We recommend 1-14 day sampling intervals

Please see our 'Quick Guide to DustScan DS100 Reporting' for more information on our assessment matrix and criteria