

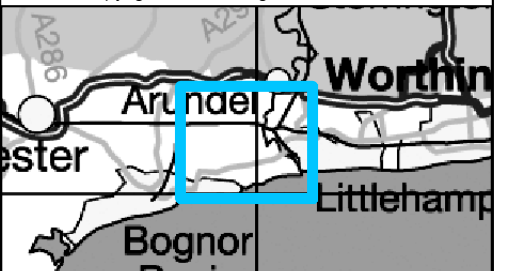
Legend

- Stack Locations
- Site Boundary
- ★ Human Sensitive Receptors

Client:	Viridor, Grundon and Ford EFW
Site:	Ford
Project:	Ford Circular Technology Park
Title:	

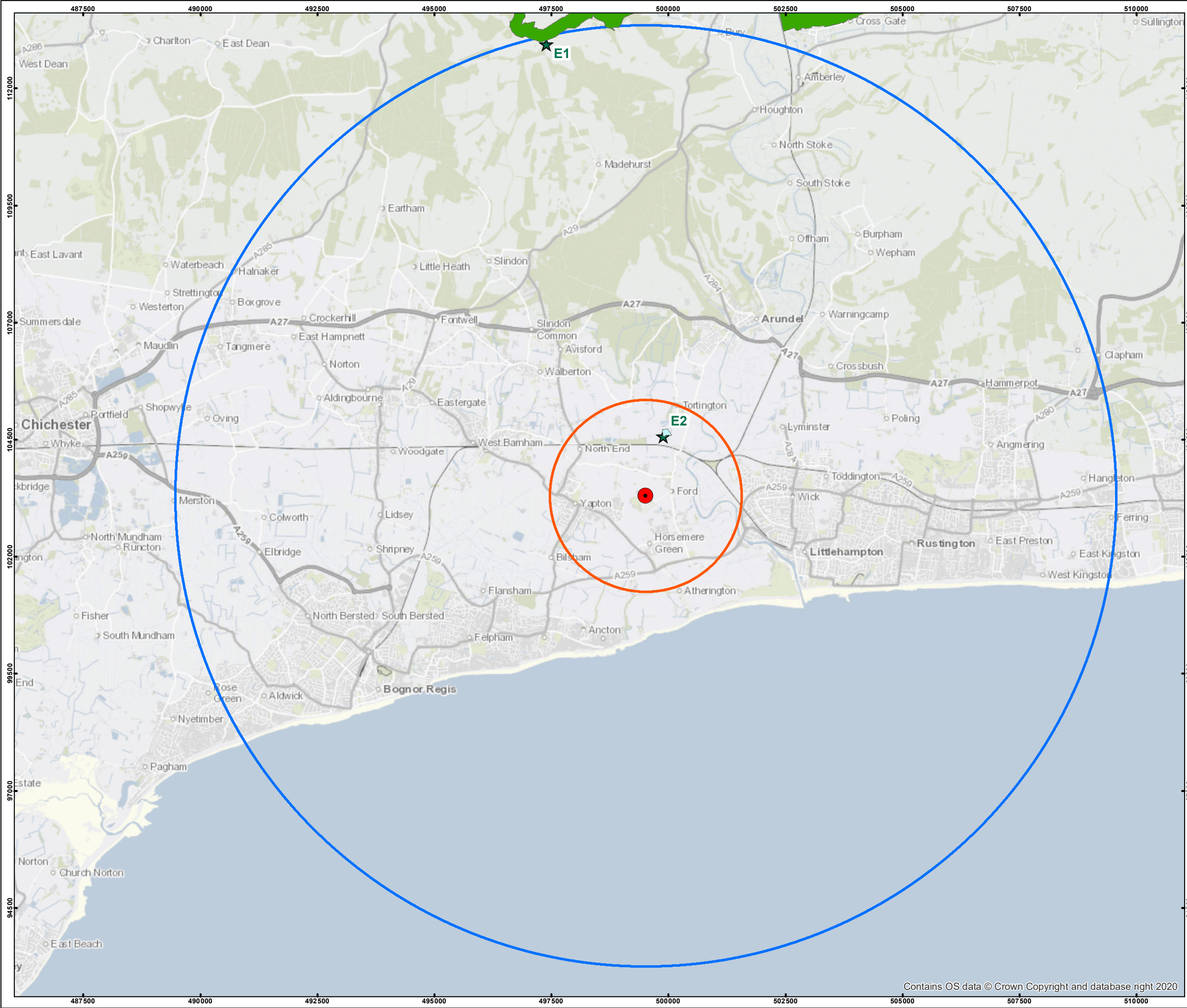
Figure 1 - Human Sensitive Receptors

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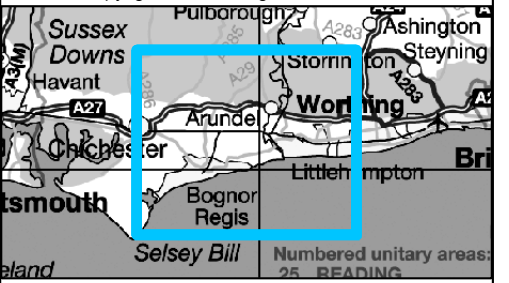
Legend

- Stack Location
- ★ Ecological Receptor Points
- 2 km Buffer
- 10 km Buffer
- Duncton & Bignor Escarpment Extent
- Ford Ancient Woodland Extent

Client:	Viridor, Grundon and Ford EFW
Site:	Ford
Project:	Ford Circular Technology Park
Title:	

Figure 2 - Ecological Sensitive Receptors

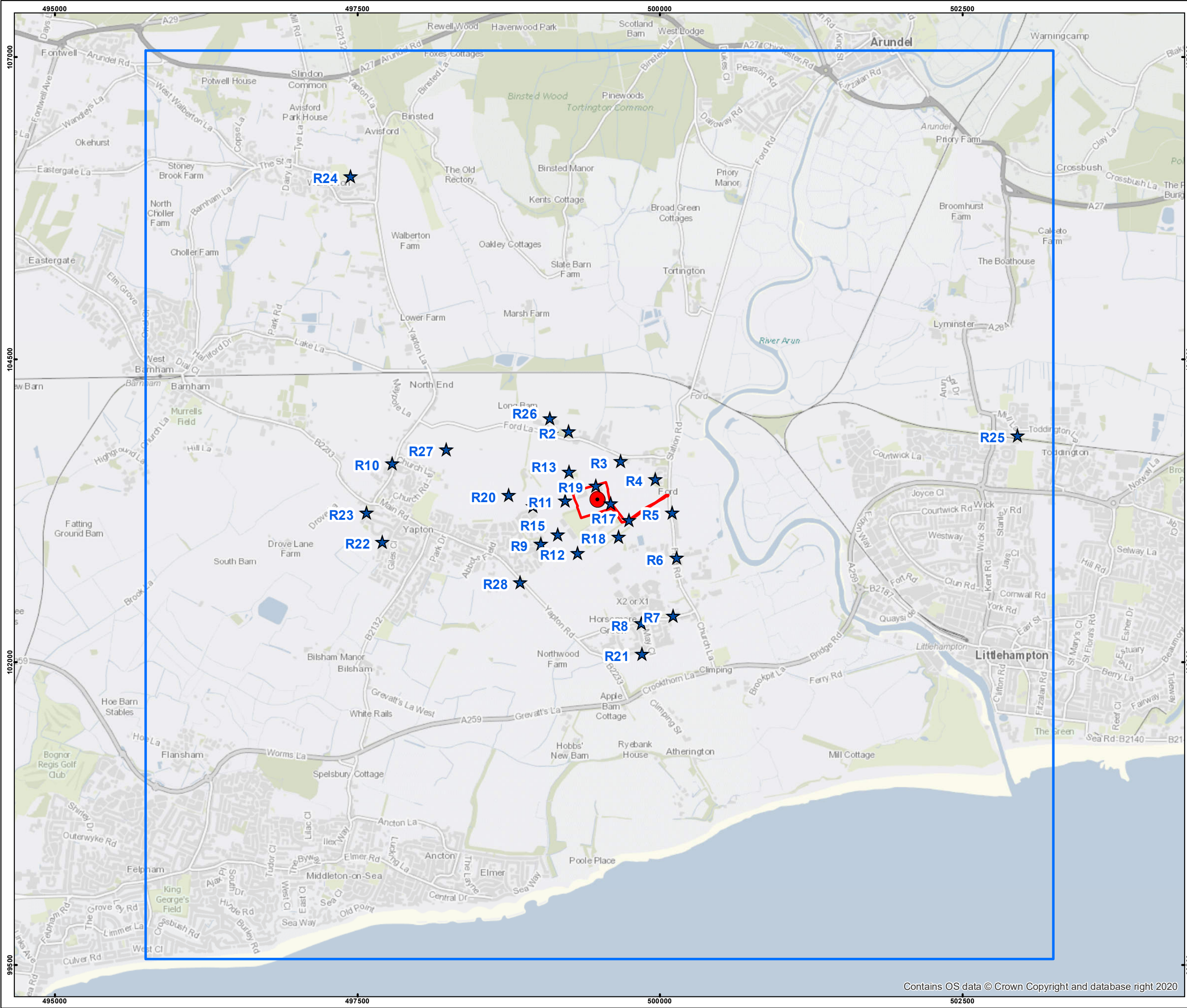
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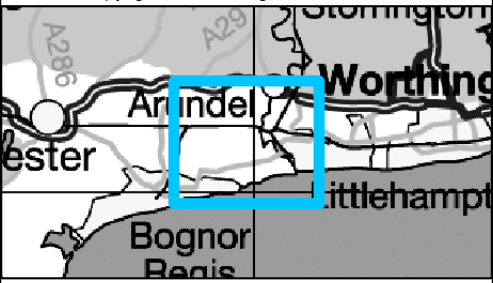
Legend

- Stack Locations
- ★ Human Sensitive Receptors
- Site Boundary
- Modelling Domain

Client:	Viridor, Grundon and Ford EFW
Site:	Ford
Project:	Ford Circular Technology Park
Title:	

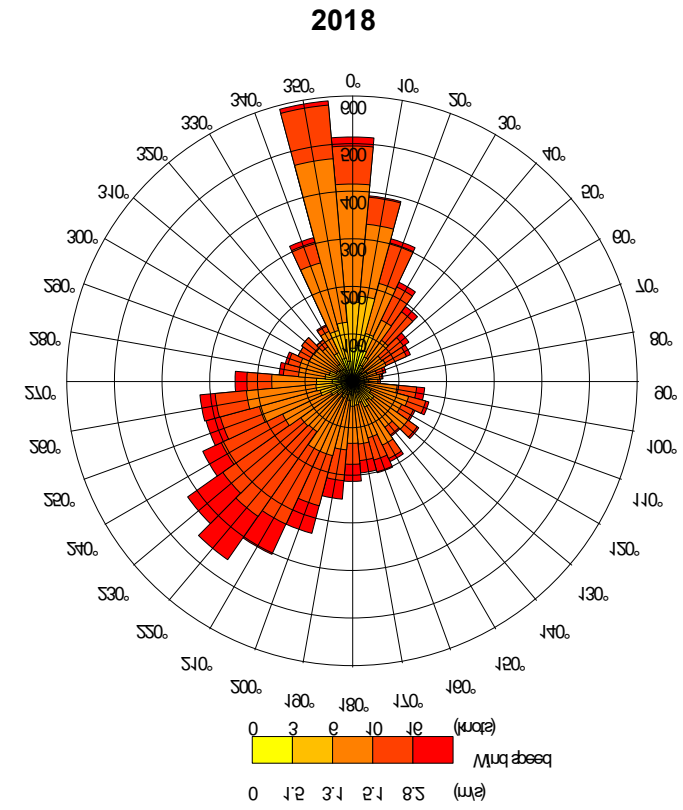
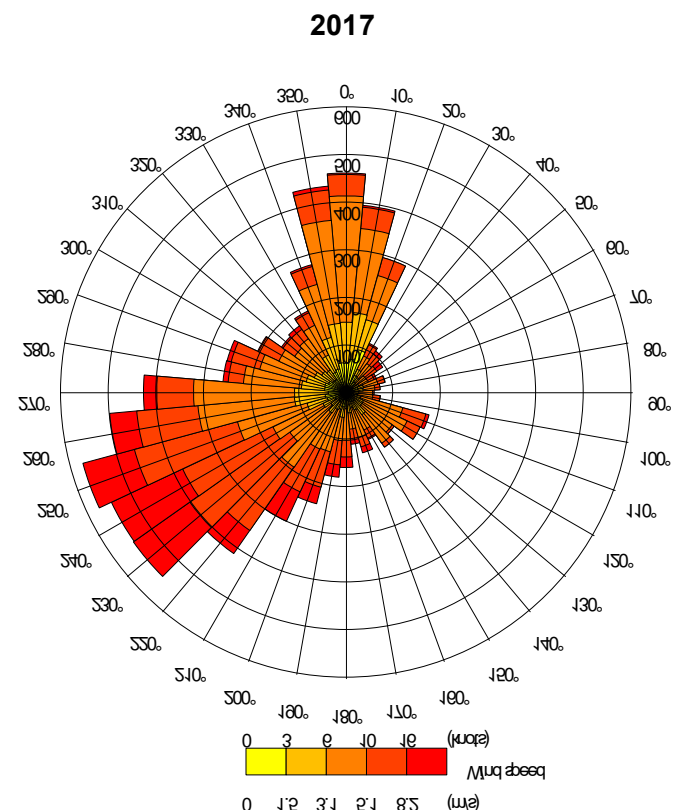
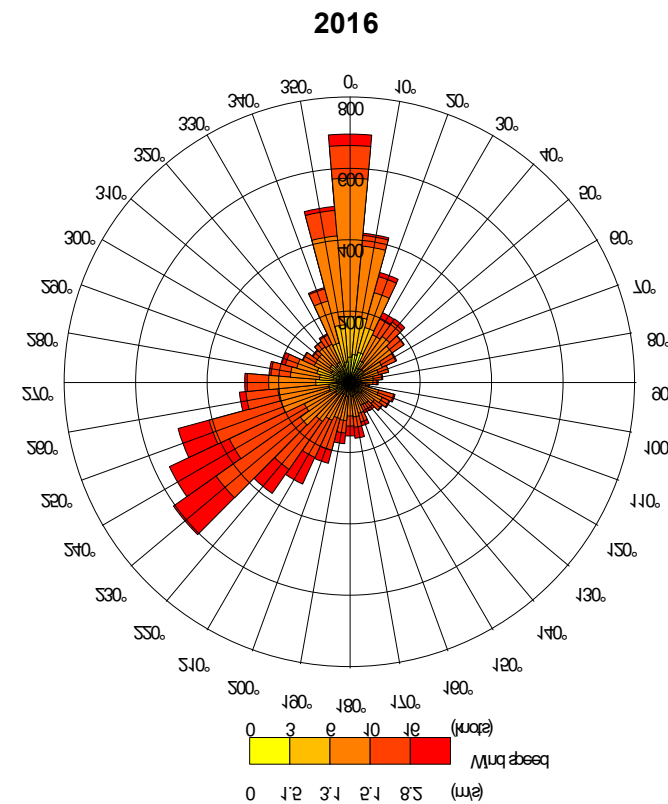
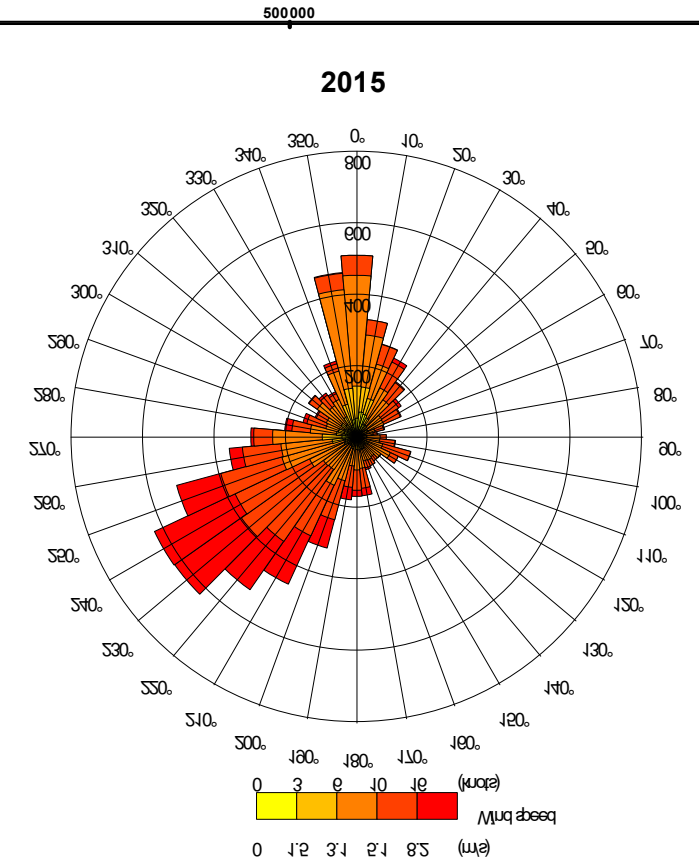
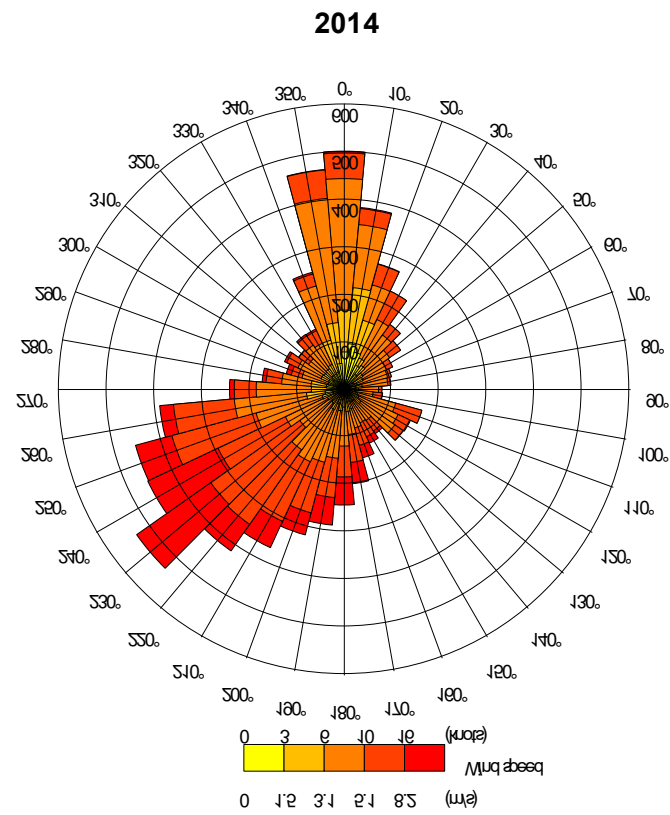
Figure 3 - Dispersion Model Inputs

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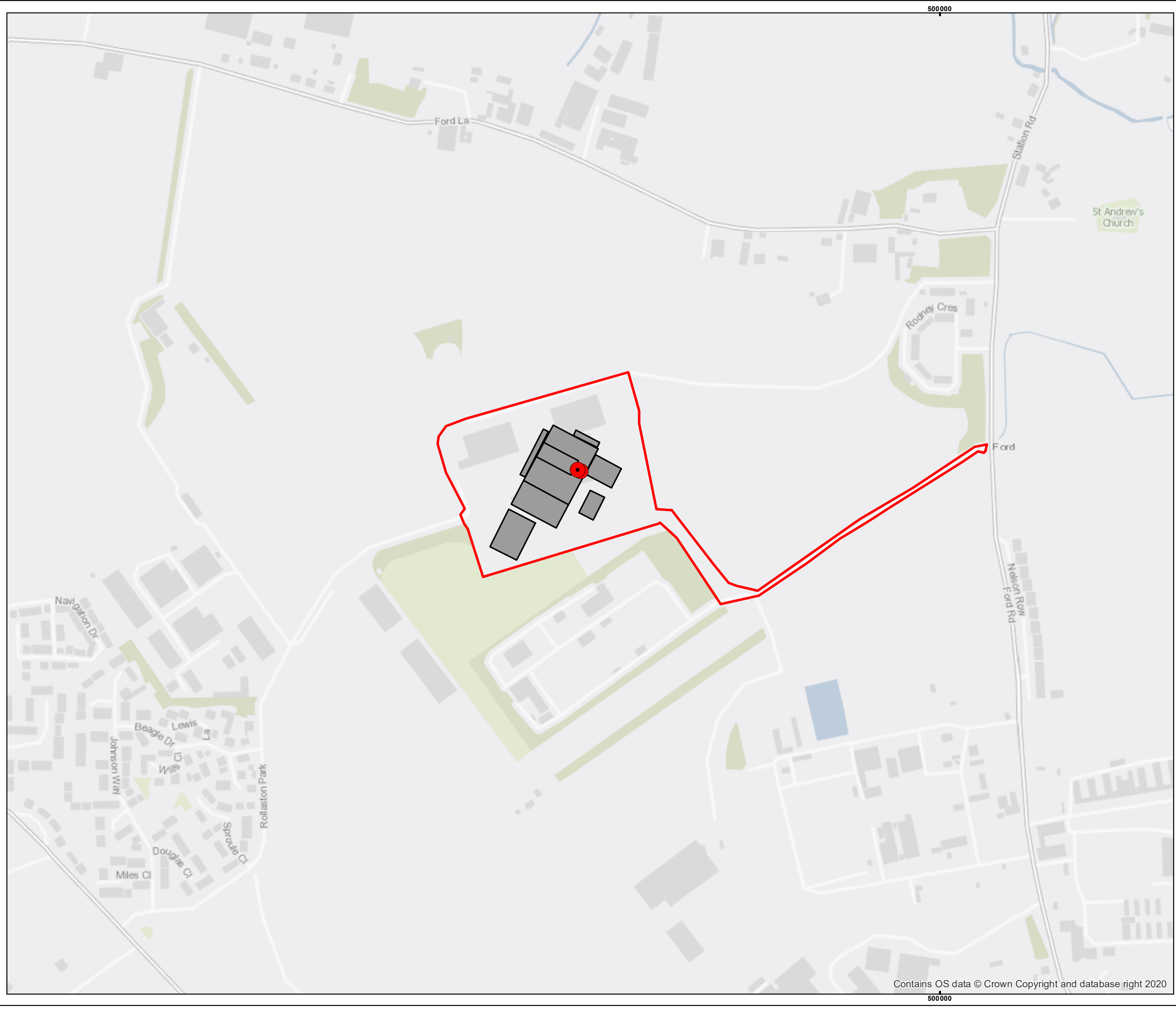
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Site:	Ford
Project:	Ford Circular Technology Park
Title:	

Figure 4 - Wind Roses Shoreham
2014 - 2018

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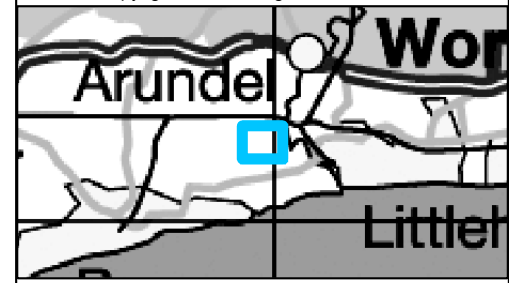
- Legend**
- Stack Locations
 - Buildings Modelled
 - Site Boundary

Client:	Viridor, Grundon and Ford EFW
Site:	Ford
Project:	Ford Circular Technology Park
Title:	

Figure 5 - Site Layout

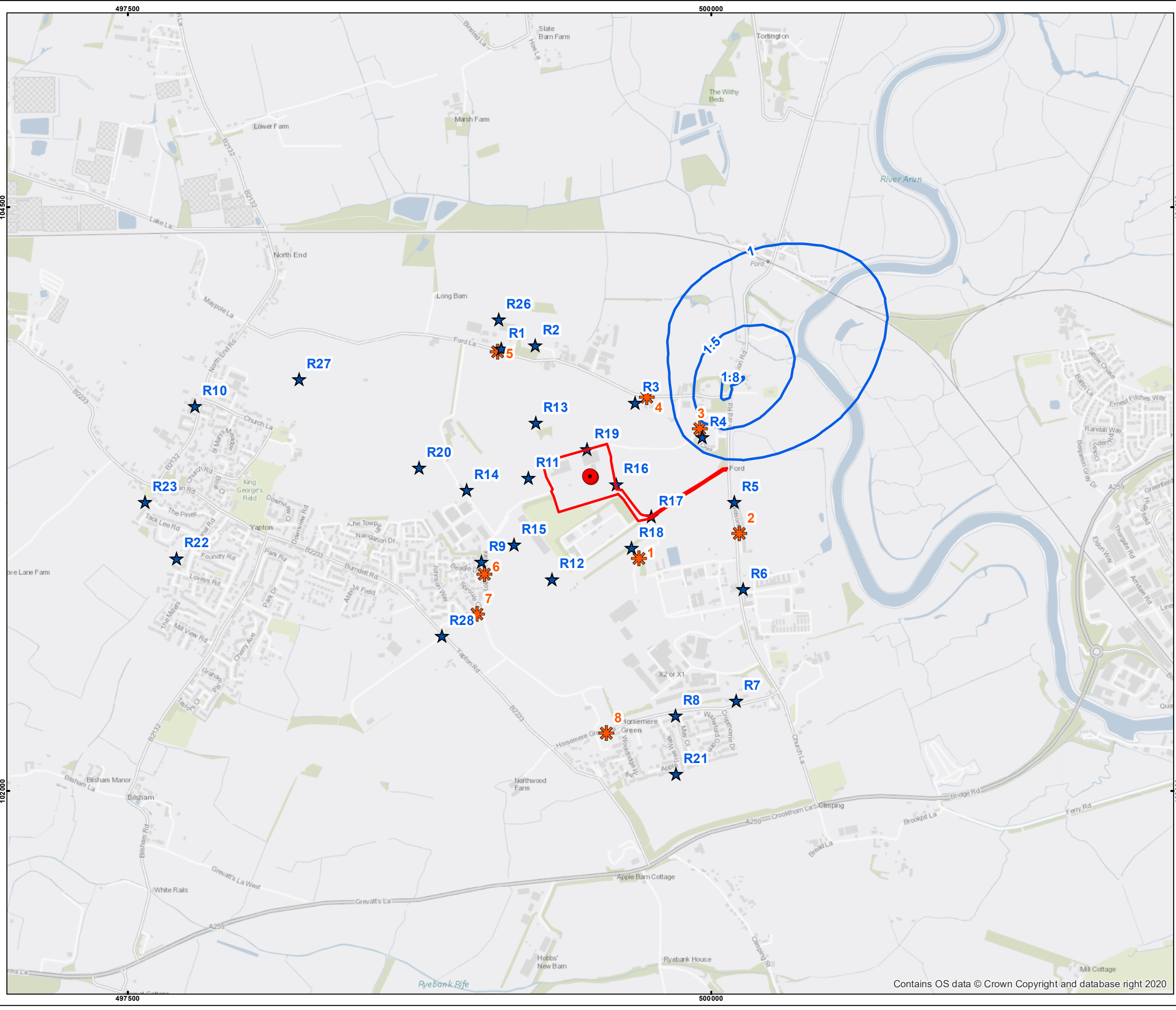
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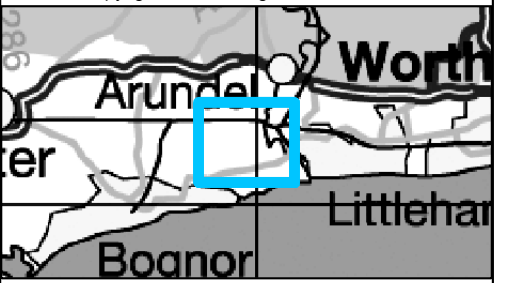
- Legend**
- Annual Mean Cadmium as % of AQAL
 - Stack Locations
 - Site Boundary
 - ★ Human Sensitive Receptors
 - ✱ TRL Diffusion Tube locations

Assumes 70% NO_x to NO₂ Conversion

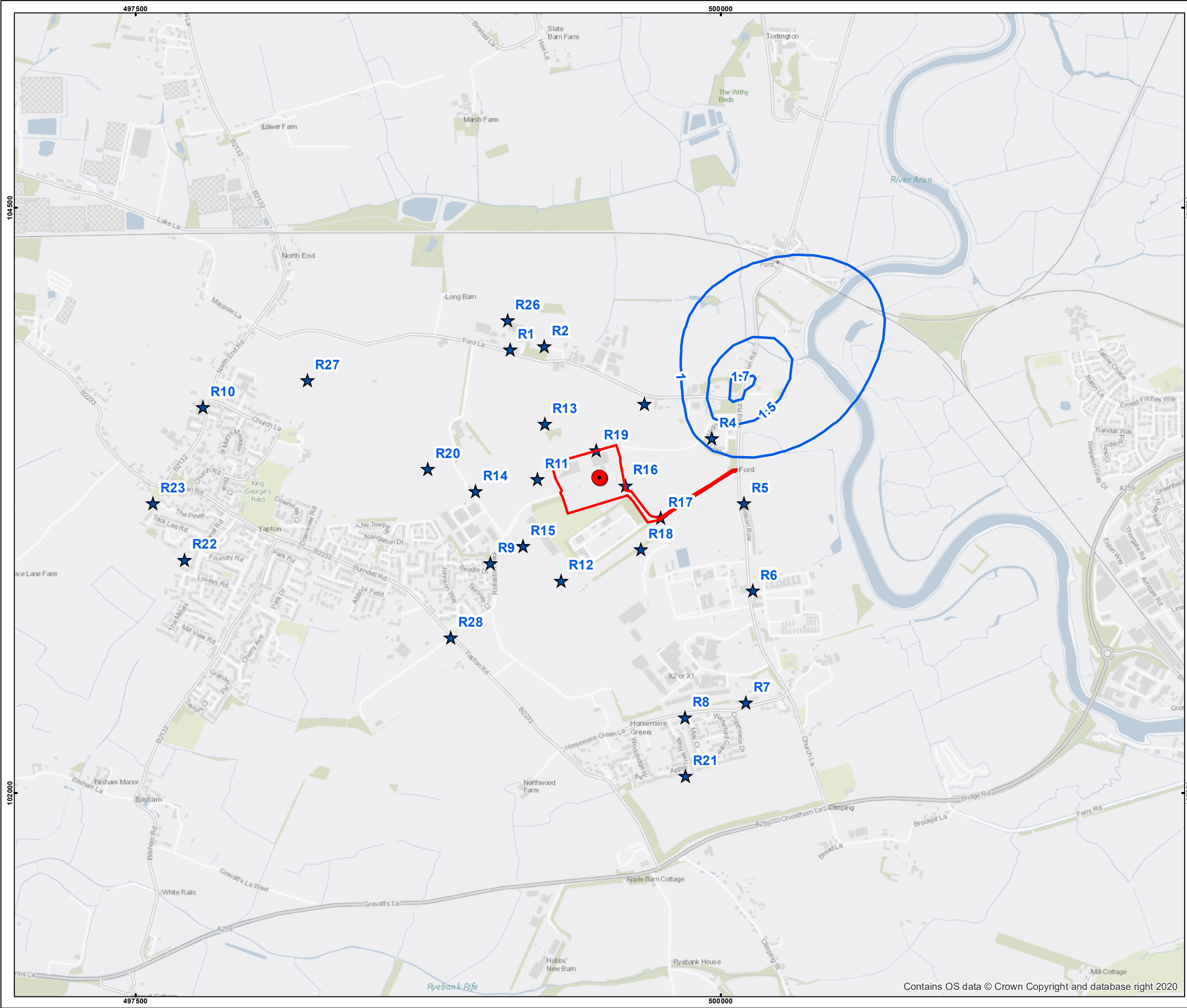
Client:	Viridor, Grondon and Ford EFW
Site:	Ford
Project:	Ford Circular Technology Park
Title:	

Figure 6 - Annual Mean Nitrogen Dioxide Analysis

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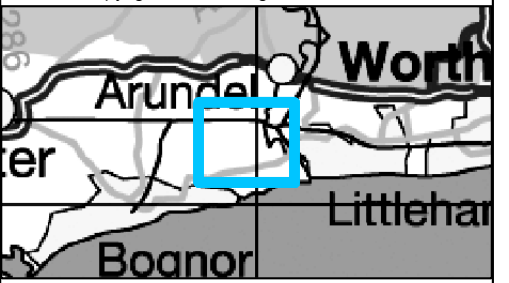
- Legend**
- Stack Locations
 - Site Boundary
 - ★ Human Sensitive Receptors
 - Annual Mean Benzene as % of AQAL

Assumes 100% of VOCs emitted consist of Benzene

Client:	Viridor, Grundon and Ford EFW
Site:	Ford
Project:	Ford Circular Technology Park
Title:	

Figure 7 - Annual Mean Benzene Analysis

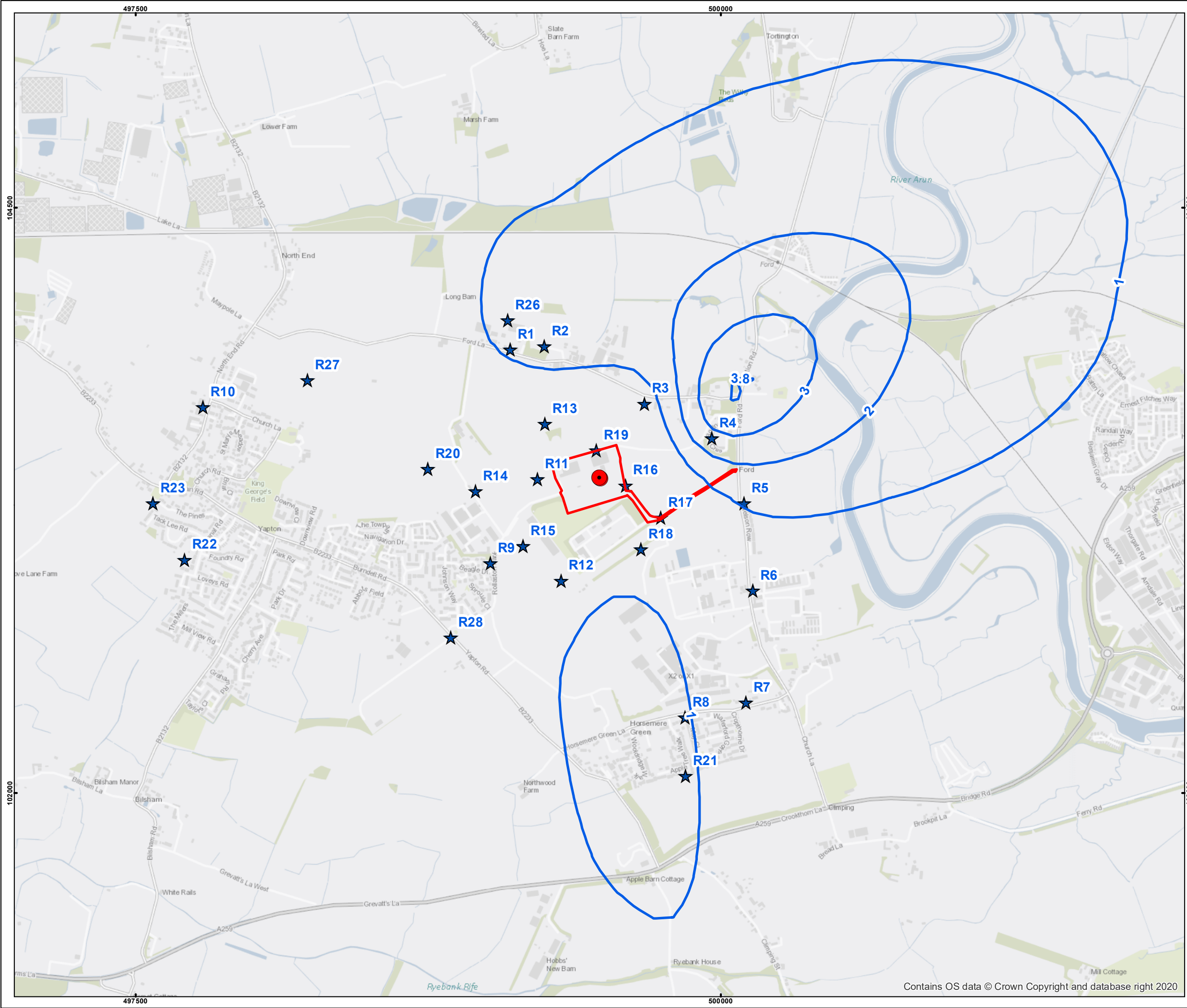
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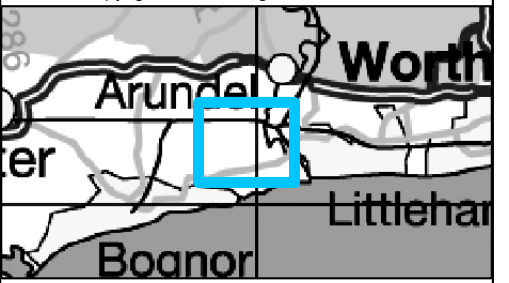
- Legend**
- Stack Locations
 - Site Boundary
 - ★ Human Sensitive Receptors
 - Annual Mean 1,3-Butadiene as % of AQAL

Assumes 100% of VOCs emitted consist of 1,3-Butadiene

Client:	Viridor, Grundon and Ford EFW
Site:	Ford
Project:	Ford Circular Technology Park
Title:	

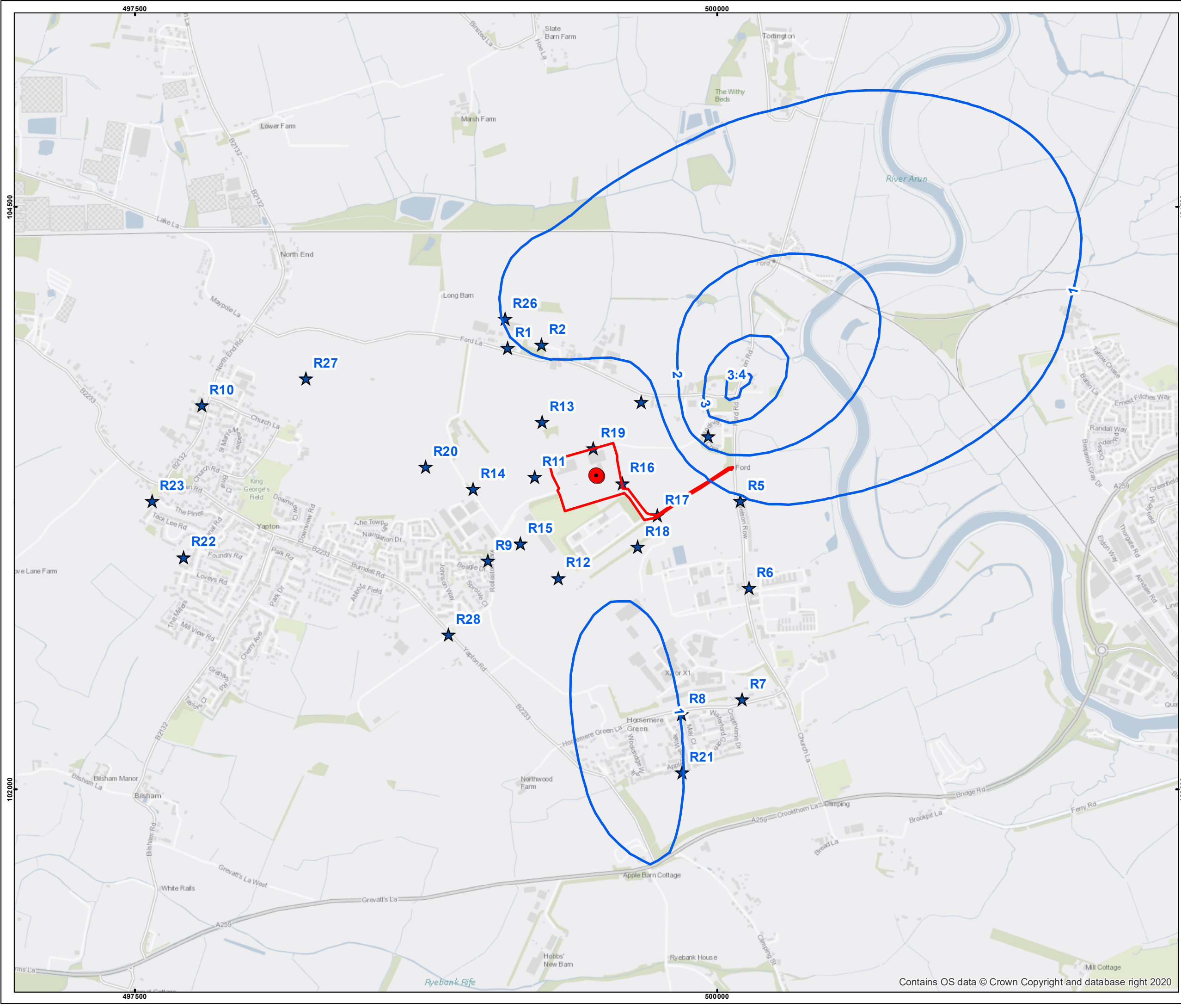
Figure 8 - Annual Mean 1,3-Butadiene Analysis

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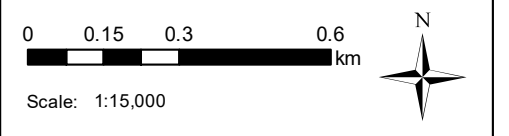
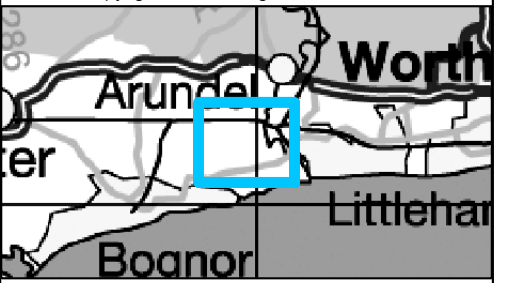


- Legend**
- Stack Locations
 - Site Boundary
 - ★ Human Sensitive Receptors
 - Annual Mean Cadmium as % of AQAL

Client:	Viridor, Grundon and Ford EFW
Site:	Ford
Project:	Ford Circular Technology Park
Title:	

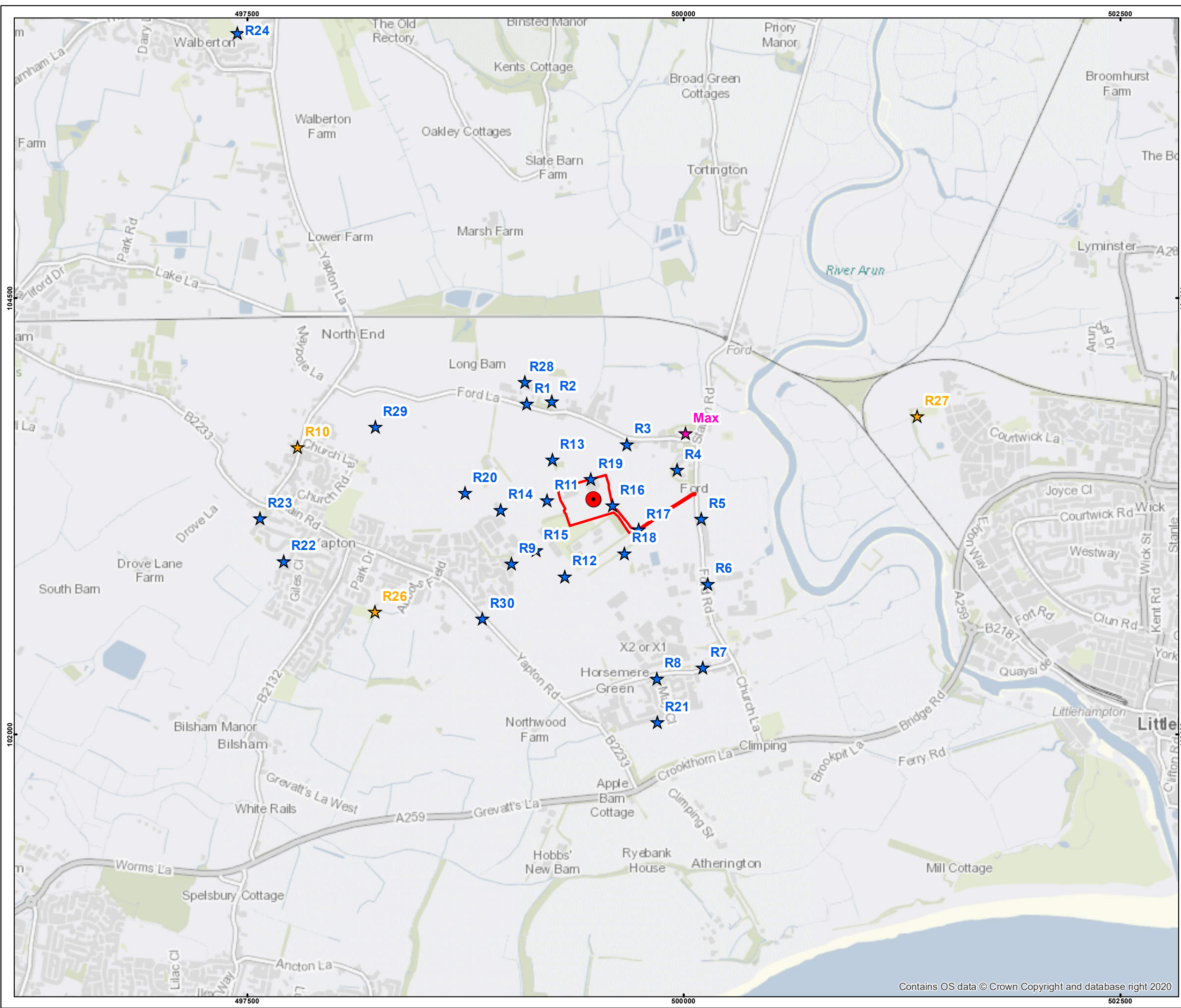
Figure 9 - Annual Mean Cadmium (Screening) Analysis

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- Legend**
- Stack Locations
 - Site Boundary
 - ★ Max Receptor
 - ★ Allotment Receptor Locations
 - ★ Residential Receptor Locations

Client:	Viridor, Grundon and Ford EFW
Site:	Ford
Project:	Ford Circular Technology Park
Title:	

Figure 2 - Human Health Risk Assessment Human Sensitive Receptors

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