SITE CONDITION REPORT FOR - SWEEPTECH ENVIRONMENTAL SERVICES LTD - 5 Ross Road, Rossmore Industrial Estate, Ellesmere Port, Cheshire, CH65 3DB

1.0 SITE DETAILS	
Name of the applicant	SWEEPTECH ENVIRONMENTAL SERVICES LTD
Activity address	5 Ross Road, Rossmore Industrial Estate, Ellesmere Port, Cheshire, CH65 3DB
National grid reference	SJ 39330 76680

Document reference and dates for Site Condition Report at permit application and surrender	V2 25.05.2021

Document references for site plans (including location and boundaries)	Proposed Permitted Area within application documents

Note:

In Part A of the application form you must give us details of the site's location and provide us with a site plan. We need a detailed site plan (or plans) showing:

- *Site location, the area covered by the site condition report, and the location and nature of the activities and/or waste facilities on the site.*
- *Locations of receptors, sources of emissions/releases, and monitoring points.*
- *Site drainage.*
- *Site surfacing.*

If this information is not shown on the site plan required by Part A of the application form then you should submit the additional plan or plans with this site condition report.

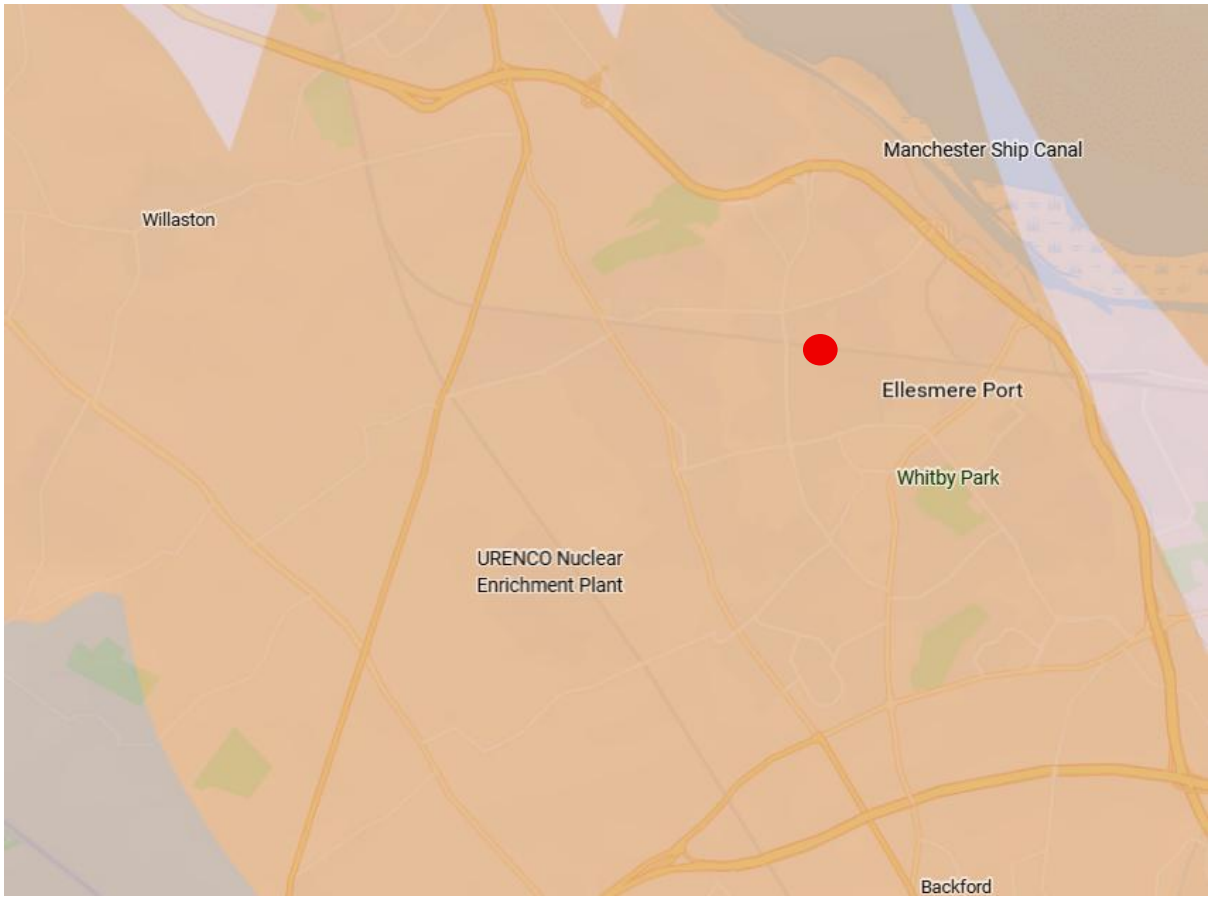
2.0 Condition of the land at permit issue	
Environmental setting including: • geology • hydrogeology • surface waters	The site is located on Rossmore Industrial Estate, Ellesmere Port, Cheshire
Pollution history including: • pollution incidents that may have affected land • historical land-uses and associated contaminants • any visual/olfactory evidence of existing contamination • evidence of damage to pollution prevention measures	Pollution incidents that may have affected land – No known from previous history historical land-uses and associated contaminants – the site has been used as a general industrial site with mixed uses. No visual evidence of pollution on the floor.
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	No evidence has been provided to the client from the landlords of the property
Baseline soil and groundwater reference data	Not available
Supporting information	• Source information identifying environmental setting and pollution incidents • Historical Ordnance Survey plans • Site reconnaissance • Historical investigation / assessment / remediation / verification reports • Baseline soil and groundwater reference data

Environmental setting including:

- **geology**
- **hydrogeology**
- **surface waters**

Geology

The British Geological Survey website shows the site is located on Chester Formation-Pebbly (gravelly) sandstone. These sedimentary rocks are fluvial in origin. They are detrital, ranging from coarse- to fine-grained and form beds and lenses of deposits reflecting the channels, floodplains and levees of a river or estuary (if in a coastal setting).

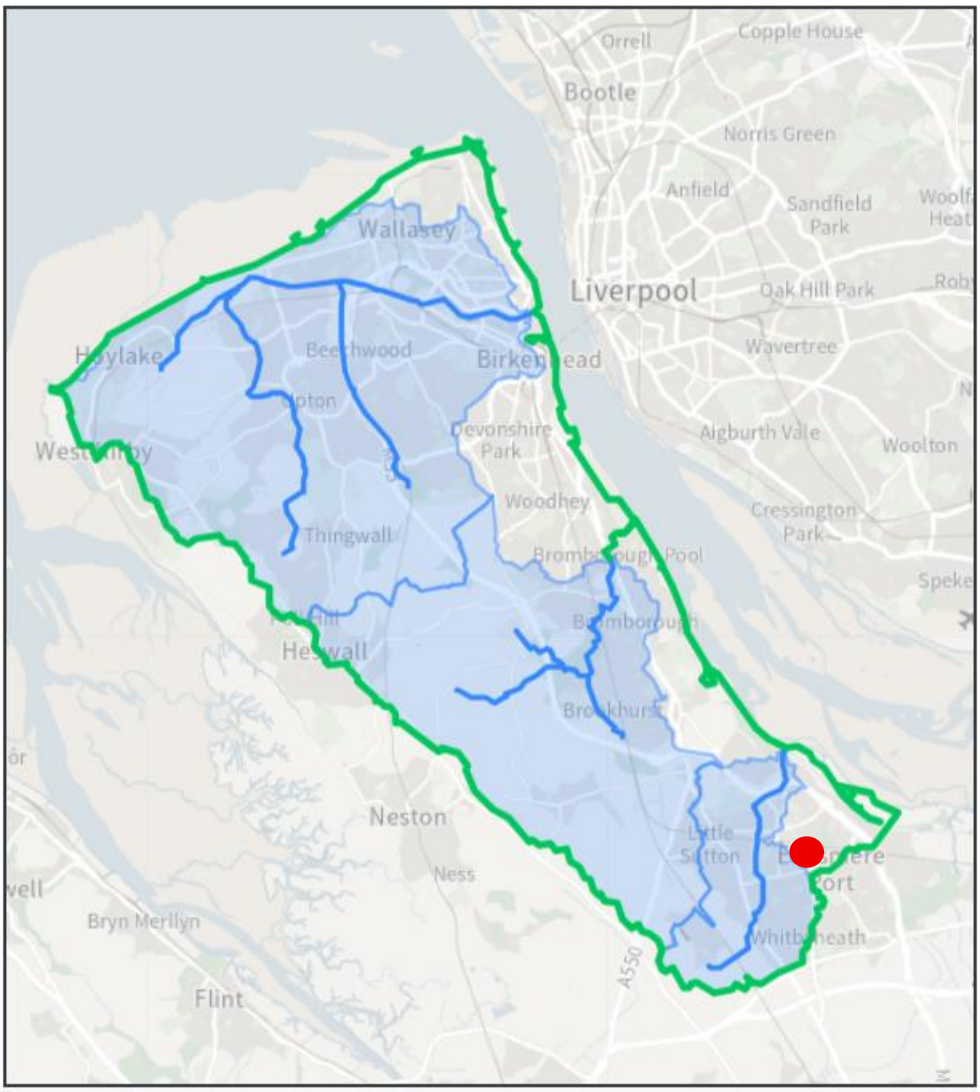


Surface Waters

River catchment taken from Environment Agency catchment Data Explorer Site –

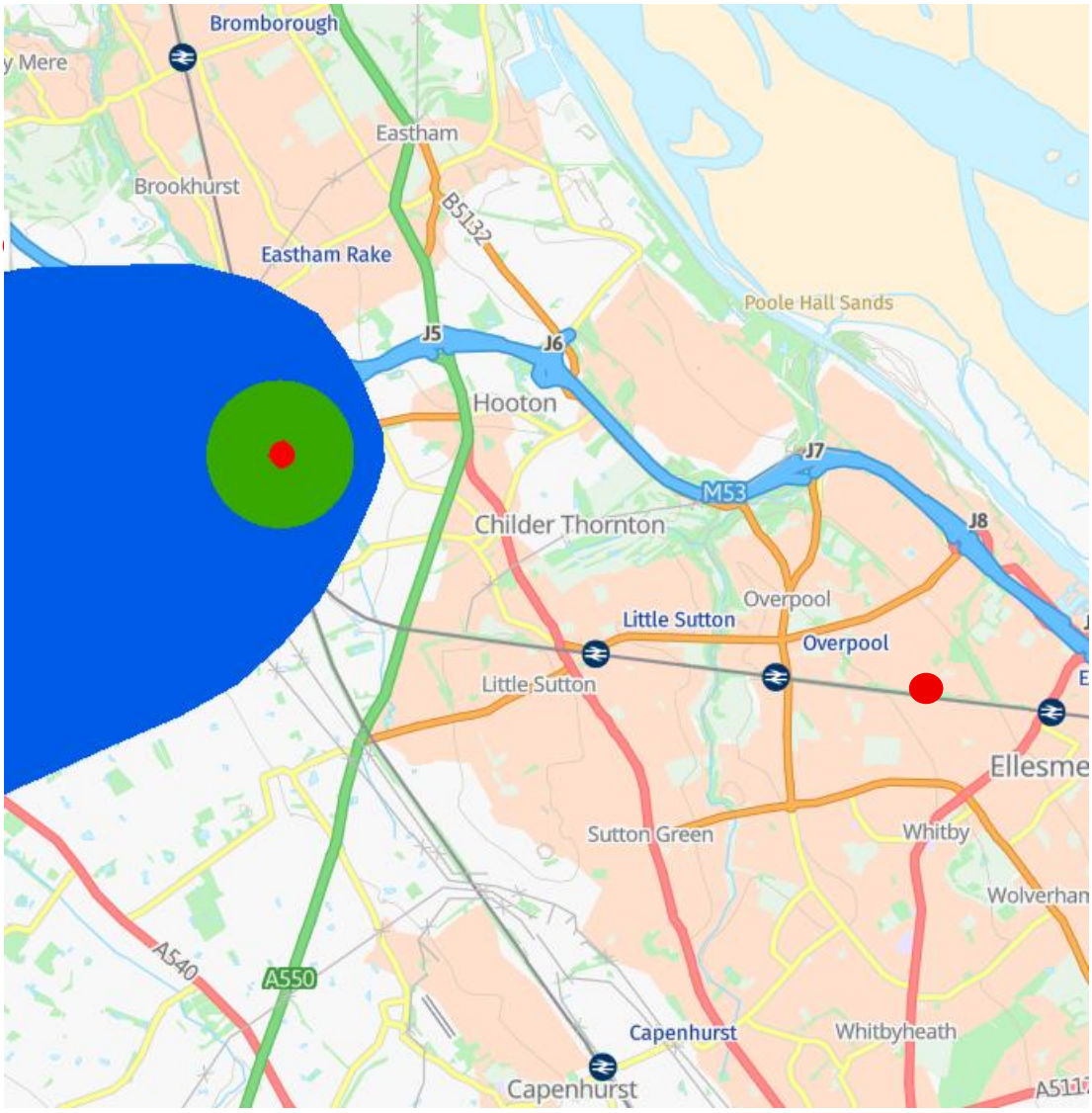
Closest Catchment is the Lower Mersey, but the site sits outside of a recognised catchment.

River Wirral operational catchment

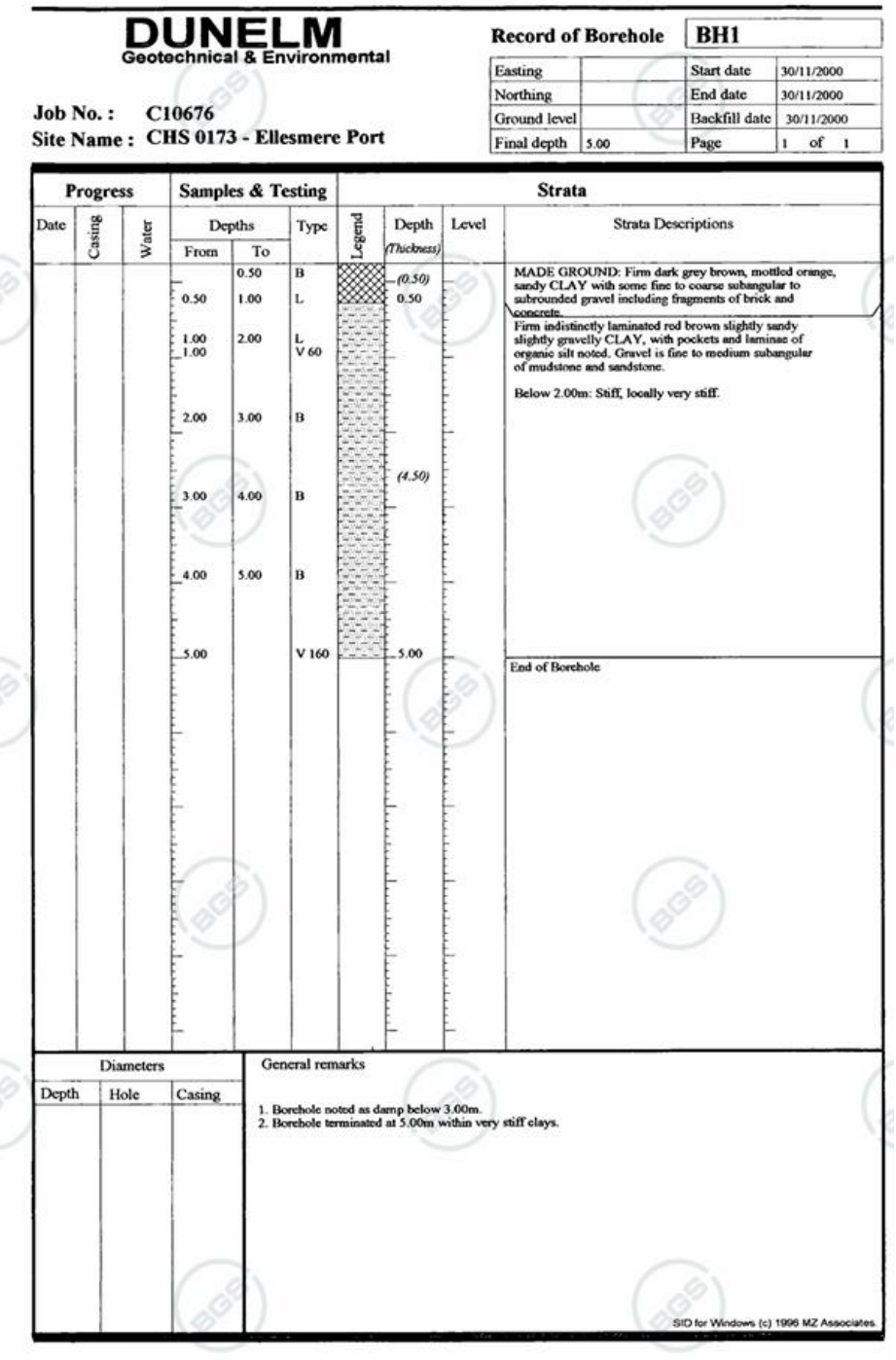


Hydrology

The site is not located within a source protection zone



Records from the British Geological Society's (BGS) provided the following information taken from Ross Road industrial Estate – showing layers of thick clay.



DUNELM
Geotechnical & Environmental

Record of Borehole BH1

Easting		Start date	30/11/2000
Northing		End date	30/11/2000
Ground level		Backfill date	30/11/2000
Final depth	5.00	Page	1 of 1

Job No. : C10676
Site Name : CHS 0173 - Ellesmere Port

Progress			Samples & Testing			Strata			
Date	Casing	Water	Depths From	Depths To	Type	Legend	Depth (Thickness)	Level	Strata Descriptions
				0.50	B		(0.50)		MADE GROUND: Firm dark grey brown, mottled orange, sandy CLAY with some fine to coarse subangular to subrounded gravel including fragments of brick and concrete.
			0.50	1.00	L		0.50		Firm indistinctly laminated red brown slightly sandy slightly gravelly CLAY, with pockets and laminae of organic silt noted. Gravel is fine to medium subangular of mudstone and sandstone.
			1.00	2.00	L				Below 2.00m: Stiff, locally very stiff.
			1.00		V 60				
			2.00	3.00	B		(4.50)		
			3.00	4.00	B				
			4.00	5.00	B				
			5.00		V 160		5.00		End of Borehole

Diameters		
Depth	Hole	Casing

General remarks

1. Borehole noted as damp below 3.00m.
2. Borehole terminated at 5.00m within very stiff clays.

SID for Windows (c) 1996 MZ Associates

Principal aquifer - Source Magic Map

The site is located within a principal aquifer



Pollution history including:

Pollution incidents that may have affected land
Historical land-uses and associated contaminants

Local Permitted Activities

The following information is taken form the Environment Agency Public Register for waste operations

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Name	Address	Site type	Permit Number	Distance (km)
CHESHIRE BIKE BREAKERS LIMITED	Unit D, Rossbank Road, Ellesmere Port, Cheshire, CH65 3AN	SR2015 No 17: End of Life Vehicles <2500 tonne per year	KB3109UL	0.5

Any visual/olfactory evidence of existing contamination

The permitted area is currently set on hard standing with no visual pollution.

Existing drains have all been mapped and assessed and those that will serve the proposed waste operation flow to the foul sewer.

Evidence of damage to pollution prevention measures

The concrete pad is intact and in good condition.

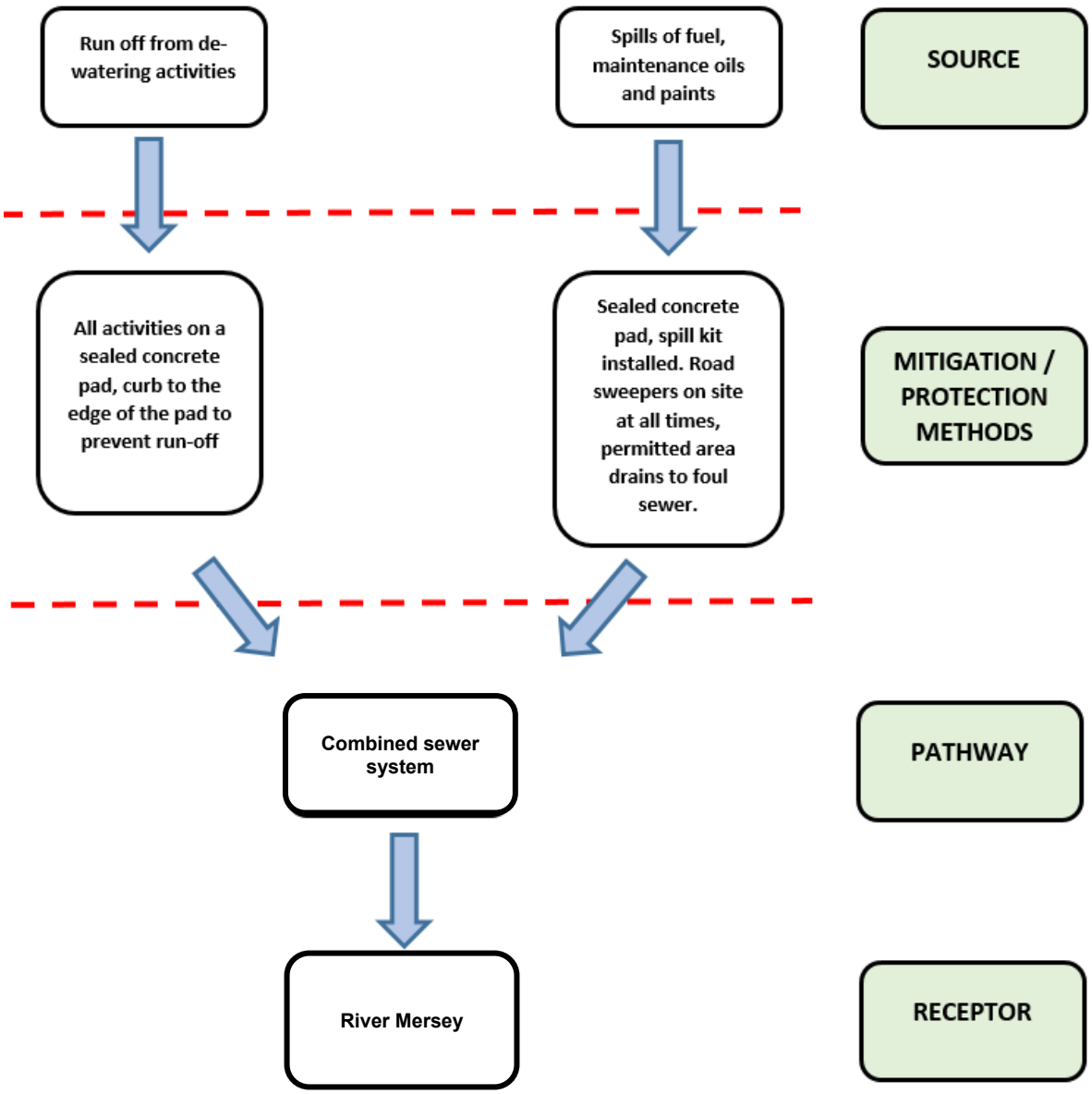
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)

The following is known about sites history.

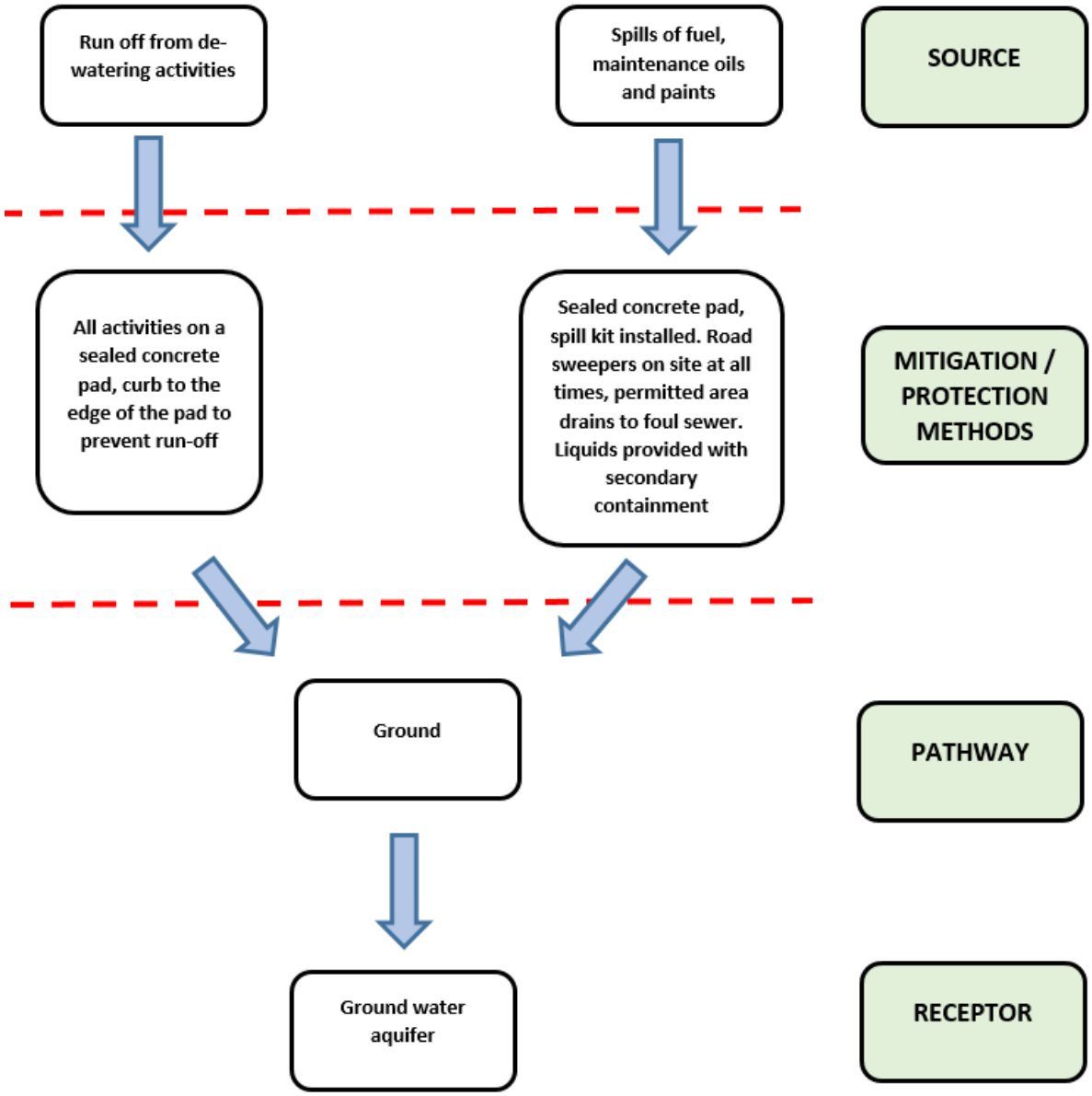
The site has been used for road sweeper maintenance depot for a number of years with Google earth clearly showing continued use to as far back at 2003.

Basic Conceptual Site Model (CSM) showing the source-pathway-receptor linkage and how they are to be broken - Surface Water – Wirral operational catchment

The area the site sits within has combined drainage with no surface water features.



Basic Conceptual Site Model (CSM) showing the source-pathway-receptor linkage and how they are to be broken - Ground Water – Principal Aquifer

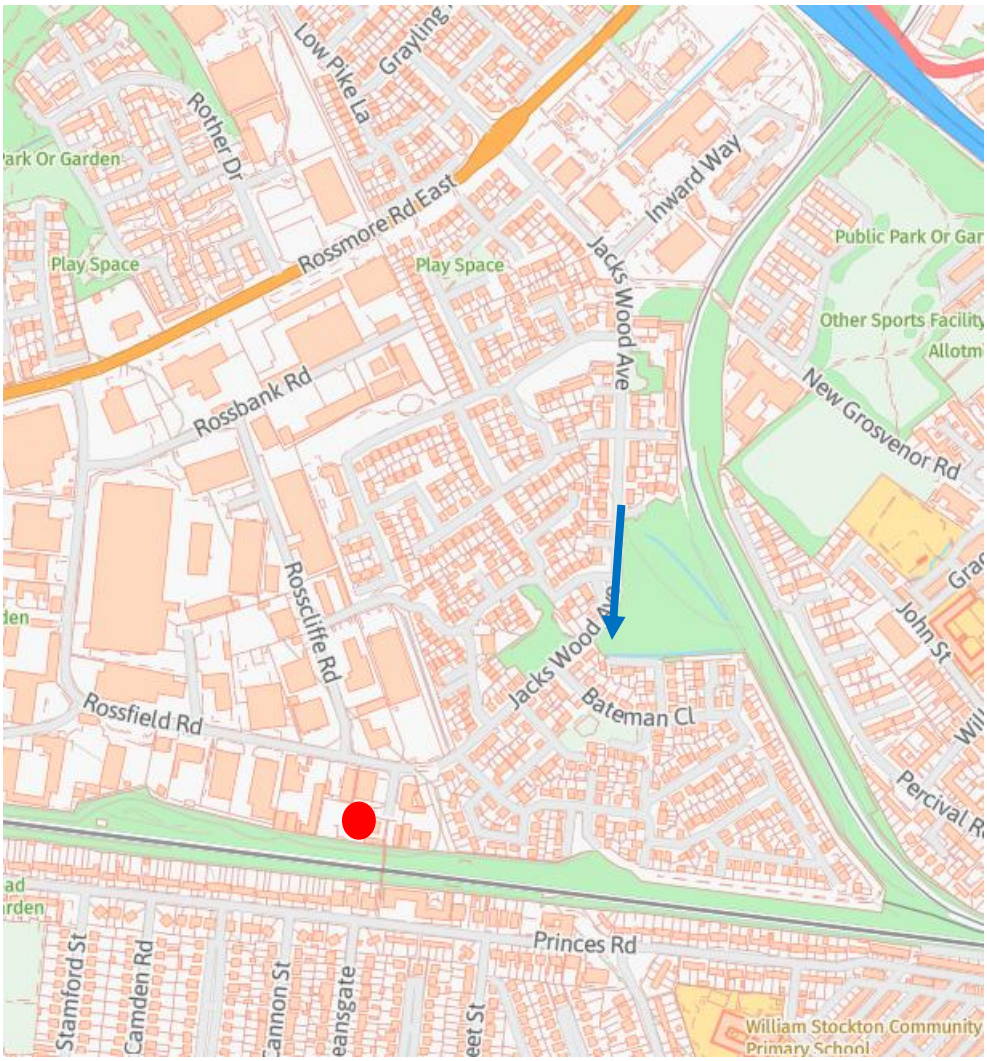


Description of nearby surface water features/watercourses and the potential risks

The site is located within the Wirral Operational Catchment, with the closest water course being open surface water drains, which are part of the Wirral Operational Catchment. The River Dearne is located over 300m from NE the site.

Drains – The whole operation is carried out on a sealed concreate pad that drains to the foul sewer. The pad is edged with a concrete curb. This also protects form spills of plant fuel, grease or any other liquids entering surface water drains.

Site location in proximity to the River Dearne



3.0 Permitted activities	
Permitted activities	De-watering of road sweepings
Non-permitted activities undertaken	Related activities to serve the waste management activity including – - Office - Maintenance of plant and equipment
Document references for: • plan showing activity layout; and • environmental risk assessment.	Site plan

Permitted activities

The permitted activity is the de-watering and storage of road sweepings.

The sweepings are predominantly from construction sector.

Non-permitted activities undertaken

The site has a small office area and plant workshop.

The office is used solely for office activities and is not located within the permitted area.

The workshop area is used for maintaining the company's fleet of road sweepers.

The is storage of hand tools, power tools, welding equipment and COSHH items within a COSHH cabinet.

Fuel is stored within bunded tank.