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Analytical Report Number : 26-008859

Project / Site name:	Knowsley	Samples received on:	20/02/2026
Your job number:	PTW25025	Samples instructed on/ Analysis started on:	20/02/2026
Your order number:	PTW25025	Analysis completed by:	03/03/2026
Report Issue Number:	1	Report issued on:	03/03/2026
Samples Analysed:	1 water sample		



Signed: _____

Eric Crociquia
Customer Service
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 26-008859

Project / Site name: Knowsley

Your Order No: PTW25025

Lab Sample Number	837554			
Sample Reference	Outflow			
Sample Number	None Supplied			
Water Matrix	Other water			
Depth (m)	0.00			
Date Sampled	19/02/2026			
Time Taken	0730			
Analytical Parameter (Water Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Petroleum Hydrocarbons

TPH - Aliphatic >EC5 - EC6 _{HS_ID_AL}	µg/l	1	NONE	< 1.0
TPH - Aliphatic >EC6 - EC8 _{HS_ID_AL}	µg/l	1	NONE	< 1.0
TPH - Aliphatic >EC8 - EC10 _{HS_ID_AL}	µg/l	1	NONE	< 1.0

TPH - Aromatic >EC5 - EC7 _{HS_ID_AR}	µg/l	1	NONE	< 1.0
TPH - Aromatic >EC7 - EC8 _{HS_ID_AR}	µg/l	1	NONE	< 1.0
TPH - Aromatic >EC8 - EC10 _{HS_ID_AR}	µg/l	1	NONE	< 1.0

VOCs

Chloromethane	µg/l	3	NONE	< 3.0
Chloroethane	µg/l	3	NONE	< 3.0
Bromomethane	µg/l	3	NONE	< 3.0
Vinyl Chloride	µg/l	3	NONE	< 3.0
Trichlorofluoromethane	µg/l	3	NONE	< 3.0
1,1-Dichloroethene	µg/l	3	NONE	< 3.0
1,1,2-Trichloro-1,2,2-trifluoroethane	µg/l	3	NONE	< 3.0
Trans 1,2-dichloroethylene	µg/l	3	NONE	< 3.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	3	NONE	< 3.0
1,1-Dichloroethane	µg/l	3	NONE	< 3.0
2,2-Dichloropropane	µg/l	3	NONE	< 3.0
Chloroform	µg/l	3	NONE	< 3.0
1,1,1-Trichloroethane	µg/l	3	NONE	< 3.0
1,2-Dichloroethane	µg/l	3	NONE	< 3.0
1,1-Dichloropropene	µg/l	3	NONE	< 3.0
Cis-1,2-dichloroethene	µg/l	3	NONE	< 3.0
Benzene	µg/l	1	NONE	< 1.0
Carbontetrachloride	µg/l	3	NONE	< 3.0
1,2-Dichloropropane	µg/l	3	NONE	< 3.0
Trichloroethene	µg/l	3	NONE	< 3.0
Dibromomethane	µg/l	3	NONE	< 3.0
Bromodichloromethane	µg/l	3	NONE	< 3.0
Cis-1,3-dichloropropene	µg/l	3	NONE	< 3.0
Trans-1,3-dichloropropene	µg/l	3	NONE	< 3.0
Toluene	µg/l	1	NONE	< 1.0
1,1,2-Trichloroethane	µg/l	3	NONE	< 3.0
1,3-Dichloropropane	µg/l	3	NONE	< 3.0
Dibromochloromethane	µg/l	3	NONE	< 3.0
Tetrachloroethene	µg/l	3	NONE	< 3.0
1,2-Dibromoethane	µg/l	3	NONE	< 3.0
Chlorobenzene	µg/l	3	NONE	< 3.0
1,1,1,2-Tetrachloroethane	µg/l	3	NONE	< 3.0
Ethylbenzene	µg/l	1	NONE	< 1.0
p & m-xylene	µg/l	1	NONE	< 1.0
Styrene	µg/l	3	NONE	< 3.0
Bromoform	µg/l	3	NONE	< 3.0
o-xylene	µg/l	1	NONE	< 1.0
Isopropylbenzene	µg/l	3	NONE	< 3.0
1,1,2,2-Tetrachloroethane	µg/l	3	NONE	< 3.0
Bromobenzene	µg/l	3	NONE	< 3.0

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Lab Sample Number				837554
Sample Reference				Outflow
Sample Number				None Supplied
Water Matrix				Other water
Depth (m)				0.00
Date Sampled				19/02/2026
Time Taken				0730
Analytical Parameter (Water Analysis)	Units	Test Limit of detection	Test Accreditation Status	
n-Propylbenzene	µg/l	3	NONE	< 3.0
2-Chlorotoluene	µg/l	3	NONE	< 3.0
4-Chlorotoluene	µg/l	3	NONE	< 3.0
1,3,5-Trimethylbenzene	µg/l	3	NONE	< 3.0
tert-Butylbenzene	µg/l	3	NONE	< 3.0
1,2,4-Trimethylbenzene	µg/l	3	NONE	< 3.0
sec-Butylbenzene	µg/l	3	NONE	< 3.0
1,3-Dichlorobenzene	µg/l	3	NONE	< 3.0
p-Isopropyltoluene	µg/l	3	NONE	< 3.0
1,4-Dichlorobenzene	µg/l	3	NONE	< 3.0
1,2-Dichlorobenzene	µg/l	3	NONE	< 3.0
Butylbenzene	µg/l	3	NONE	< 3.0
1,2-Dibromo-3-chloropropane	µg/l	3	NONE	< 3.0
1,2,4-Trichlorobenzene	µg/l	3	NONE	< 3.0
Hexachlorobutadiene	µg/l	3	NONE	< 3.0
1,2,3-Trichlorobenzene	µg/l	3	NONE	< 3.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

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Project / Site name: Knowsley

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
BTEX and/or Volatile Organic Compounds in water	Determination of volatile organic compounds in water by headspace GC-MS. Accredited matrices: SW, PW, GW	In-house method based on USEPA 8260	L073B	W	NONE
Total Petroleum Hydrocarbons in water by HS-GC/MS	Determination of total petroleum hydrocarbons in water by headspace HS-GC/MS. Accredited matrices: SW, PW, GW	In-house method	L088-PL	W	NONE

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution