Document: Direction
WwTW: WIDNES
DPID:412000800301

Thirlmere House
Lingley Mere Business Park
Lingley Green Avenue
Great Sankey
Warrington WA5 3LP

ICONICHEM WIDNES LIMITED

Moss Bank Road
Widnes
Cheshire
WA8 0RU

Date: 24 May 2023

FAO The Company Secretary

Dear Sir/Madam

TRADE EFFLUENT – WATER INDUSTRY ACT 1991 - Moss Bank Road Widnes Cheshire WA8 0RU

I enclose your NOTICE OF DIRECTION CONCERNING THE DISCHARGE OF TRADE EFFLUENT.

This document is issued by virtue of Statutory Powers granted by the Water Industry Act 1991 and as such a "true copy" has now been placed on public record. The Notice of Direction relates solely to the trade effluent described in your application and you must notify United Utilities Water Limited of:

a) any proposed changes to the nature and composition of the effluent;

b) any proposed changes to the rate of discharge and/or daily volume;

c) any proposed change of name of your Company (or trading name);

d) permanent termination of the discharge

The conditions laid down in the Notice of Direction are the only conditions under which United Utilities Water Limited will undertake to receive your effluent into the foul sewer. Any failure to comply with such conditions is an offence under the Water Industry Act 1991.

In respect of clause 10a) of the Notice of Direction, I understand that representative samples of the trade effluent may be obtained from Weir Box as marked on the drainage plan. You should note that officers designated in writing by United Utilities Water Limited shall have right of safe access at all reasonable hours without notice for the purpose of obtaining a sample of trade effluent.

United Utilities

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The volume of trade effluent can be determined by direct measurement using the effluent meter.

Domestic allowance of 314 m3/year (56 Employees x 25 litres per person x 224 days) will be used as the volume chargeable for measured sewerage charges.

You must inform us in writing via your retailer of any changes to the volume of trade effluent. Any alteration will take effect from the date on which we are notified of such changes.

Yours faithfully

PP

Wastewater Asset Management

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WATER INDUSTRY ACT 1991

NOTICE OF DIRECTION CONCERNING THE DISCHARGE OF TRADE EFFLUENT

To **ICONICHEM WIDNES LIMITED**

of **Moss Bank Road**
Widnes
Cheshire
WA8 0RU

United Utilities Water Limited (hereinafter called "the Company") hereby give you Notice as **owner/occupier** of the trade premises situate at **Moss Bank Road Widnes Cheshire WA8 0RU**

that the Company in exercise of the powers conferred upon them by Section 124 of the above Act DIRECT that as from **1 July 2023** all conditions attaching the CONSENT dated the **19 August 2016** to the discharge of trade effluent into the public sewer from the said trade premises as requested by a Trade Effluent Notice dated the **3 November 2016** shall be varied and the following conditions be substituted, namely:

Nature of discharge

1a) Subject to the provisions of conditions 6,7,8 and 9 below the nature or composition of the trade effluent to be discharged under this Notice of Direction shall be solely as specified in the said application form and shall consist solely of waste water derived from **Manufacture of Cobalt & Nickel Salts.**

1b) The trader shall give to the Company prior written notice of any change in the process or the process materials or any other circumstances likely to alter the constituents of the trade effluent as set out in condition 1(a). In such circumstances, no substance of which the Company has not had previous notice, may be discharged unless and until the Company has agreed to accept the substance at a limit imposed by the Company which shall then be deemed to be incorporated in this Notice of Direction by agreement and shall not prejudice the right of the Company to serve a Direction earlier than two years from the date of such incorporation.

The Trader shall also give not less than seven days written notice to the Company of any change in the name of the occupier or owner.

Sewer affected

2. The sewer into which the trade effluent may be discharged and the point of discharge is the foul sewer situate at **Moss Bank Road**.

Connections

3. No connections shall be made to the said sewer without the prior approval of the Company and all such connections shall be constructed and maintained to the satisfaction of the Company at the expense of the Trader.

Maximum volume of discharge

4. The maximum amount of the trade effluent discharged in any one day of twenty four hours shall not exceed **216** m^3 without prior written consent of the Company.

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Maximum rate of discharge

5. The highest rate at which the trade effluent may be discharged shall not exceed **2.5** litre/sec.

Matters to be eliminated prior to discharge to sewers

6. The following matters shall be eliminated from the trade effluent before it is discharged into the sewers of the Company:

a) petroleum spirit;

b) calcium carbide;

c) carbon disulphide;

d) except as provided in paragraph 7 hereof, the prescribed substances listed in Schedule 1 to The Trade Effluents (Prescribed Processes and Substances) Regulations 1989, as amended from time to time, insofar as they are in concentration greater than the background concentration (as defined in the said Regulations);

e) where the trade effluent derives from a prescribed process mentioned in Schedule 2 to the said Regulations, and except as provided in paragraph 7 hereof, asbestos (as defined in the said Regulations) and chloroform in concentration greater than the background concentration (as defined in the said Regulations);

f) organo-halogen compounds including pesticide residues and degreasing agents;

g) any substances which either alone or in combination with each other or with any other matter lawfully present in the said sewers would be likely to;

i) cause a nuisance or produce flammable, harmful or toxic vapours either in the sewers or at the sewage works of the Company;

ii) injure the sewers or interfere with the free flow of their contents or affect prejudicially the treatment and disposal of their contents or have injurious effects on the sewage treatment works to which it is conveyed or upon any treatment plant there;

iii) be dangerous to or cause injury to any person working in the sewers or at the sewage treatment works;

iv) affect prejudicially any watercourse, estuary or coastal water into which the treated effluent will eventually be discharged.

Matters to be limited prior to discharge to sewer

7. The trade effluent shall not contain

a) Ammonia and its compounds as N in excess of **250** mg/l

b) Cadmium and its compounds in excess of **75** ug/l

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c) Chemical oxygen demand (COD) load in excess of **200** Kg/d in any one period of 24 hours, such load being determined by multiplying the COD concentration of the supernatant liquor of a composite sample of the trade effluent (after 1 hour's quiescent settlement at pH 7.0) taken during that 24 hour period and the volume of the trade effluent discharge during that 24 hour period.

d) Cyanides and cyanogen compounds which produce hydrogen cyanide on acidification in excess of **1** mg/l

e) Nitrate (as N) in excess of **54,000** mg/l

f) Separable grease and oil in excess of **100**mg/l

g) Sulphates as SO_4 in excess of **1,000** mg/l

h) Sulphides, hydrosulphides, polysulphides and substances producing hydrogen sulphide on acidification in excess of **1** mg/l

i) Toxic metals in excess of **10,000** ug/l either individually or in total ie Antimony, Beryllium, Chromium, Copper, Lead, Nickel, Selenium, Silver, Tin, Vanadium, Zinc;

Temperature

8. No trade effluent shall be discharged which has a temperature higher than 43.3°C (110°F).

pH value

9. No trade effluent shall be discharged having a pH of less than **6** or greater than **10**

Inspection Chamber

10. a) An inspection chamber or manhole shall be provided and maintained by the Trader in a suitable position in connection with each pipe through which the trade effluent is discharged and shall be so constructed and maintained as to enable a person readily to obtain at any time samples of the trade effluent so discharged, to the approval of the Company.

b) Suitable apparatus for measuring and automatically recording the volume and composition of trade effluent discharged shall be provided and maintained in working order by the Trader in connection with every such pipe, unless otherwise exempted in writing by the Company.

c) If the measuring and recording apparatus as aforesaid ceases to function satisfactorily, then the Company shall have the right to make estimates of the volume and composition of the trade effluent until such time as the said apparatus is again operating to the satisfaction of the Company.

d) Records shall be kept by the Trader of the volume, rate of discharge, nature and composition of the trade effluent discharged to the sewer, together with any records required to be kept by the Trader under the provisions of any Notice of Determination issued by the Secretary of State under Sections 120 and 132 of the Water Industry Act 1991. Such records shall be kept available for inspection at all reasonable times by an authorised officer of the Company and copies shall be sent to the Company on demand.

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e) The foregoing provision of this condition shall be deemed to be complied with if other methods of sampling the trade effluent, determining its nature and composition, and measuring and recording the discharge are agreed and confirmed in writing by the Company.

Dated 24 May 2023

Issuing Office
Wastewater Services
Lingley Mere Business Park
Lingley Green Avenue
Great Sankey
Warrington
WA5 3LP

Signed PP

WASTEWATER ASSET MANAGER
for and on behalf of United Utilities Water Limited

1. Your attention is drawn to the following provisions of Section 126 (1) of the Water Industry Act 1991 relating to Appeals to the Director General of Water Services. The owner or occupier of any trade premises may within two months of the giving to him under Subsection (5) of the Notice of a Direction under that Section, or with the written permission of the Director at any later time, appeal to the Director against the Direction.

2. The Notice of Direction must state the date, being a date not less than two months after the giving of the Notice on which the Direction is to take effect. If an appeal is brought under Section 126 (1) before that date the Direction shall not take effect until the appeal is withdrawn or finally disposed of. Provided that so far as a Direction which is the subject of an appeal relates to the making of Charges payable by the occupier of the trade premises, it may take effect on any date after the giving of the Notice.

   On appeal under Section 126 (3) and (4) the Director General of Water Services shall have power to annul the Direction given by the Sewerage Undertaker and to substitute for it any other Direction, whether more or less favourable to the appellant and any Direction given by the Director of Water Services may include provision as to the charges to be made for any period between the giving of the Notice by the Sewerage Undertaker and the determination of the appeal.