

Q	45.0 m3/h
BOD5	5.0 mg/l
COD	10.0 mg/l
Hydrocarbon Oil	<0.2 mg/l
Nitrogen	0.8 mg/l
Phosphorus	0.7 mg/l
Sodium	266.5 mg/l
Chloride	1128.0 mg/l
Sulfur by protein	mg/l
T	21.0 °C
pH	-
TTS	10.0 mg/l

Q	30.0 m3/h
BOD5	5.0 mg/l
COD	10.0 mg/l
Hydrocarbon Oil	<0.2 mg/l
Nitrogen	0.8 mg/l
Phosphorus	0.7 mg/l
Sodium	433.3 mg/l
Chloride	1128.0 mg/l
Sulfur by protein	mg/l
T	21.0 °C
pH	-
TTS	10.0 mg/l

Q	10.0 m3/h
BOD5	5.0 mg/l
COD	10.0 mg/l
Hydrocarbon Oil	<0.2 mg/l
Nitrogen	0.8 mg/l
Phosphorus	0.7 mg/l
Sodium	266.5 mg/l
Chloride	1128.0 mg/l
Sulfur by protein	mg/l
T	21.0 °C
pH	-
TTS	10.0 mg/l

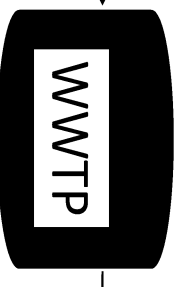
W1 to River	ENV PERMIT LIMIT (V008)	peak value
Q	224.8 m3/h	180 m3/h
BOD5	52.8 mg/l	20 mg/l
COD	173.1 mg/l	100 mg/l
Hydrocarbon Oil	<0.2 mg/l	3 mg/l
Nitrogen	19.4 mg/l	no limit mg/l
Phosphorus	25.8 mg/l	no limit mg/l
Sodium	791.2 mg/l	mg/l
Chloride	1295.0 mg/l	mg/l
Sulfur by protein	5.5 mg/l	mg/l
T	29.7 °C	30 °C
pH	-	-
TTS	21.1 mg/l	30 mg/l

Distillery_1

Q	48.4 m3/h
BOD5	1054.0 mg/l
COD	2108.0 mg/l
Hydrocarbon Oil	<0.2 mg/l
Nitrogen	0.7 mg/l
Phosphorus	1.1 mg/l
Sodium	210.0 mg/l
Chloride	50.0 mg/l
Sulfur by protein	mg/l
T	39.4 °C
pH	6.8 -
TTS	69.5 mg/l

Q	139.8 m3/h
BOD5	1137.4 mg/l
COD	2274.7 mg/l
Hydrocarbon Oil	<0.2 mg/l
Nitrogen	30.5 mg/l
Phosphorus	41.1 mg/l
Sodium	1074.3 mg/l
Chloride	1396.6 mg/l
Sulfur by protein	8.9 mg/l
T	41.1 °C
pH	6.4 -
TTS	69.7 mg/l

Q	139.8 m3/h
BOD5	81.9 mg/l
COD	273.0 mg/l
Hydrocarbon Oil	<0.2 mg/l
Nitrogen	30.5 mg/l
Phosphorus	41.1 mg/l
Sodium	1074.3 mg/l
Chloride	1396.6 mg/l
Sulfur by protein	8.9 mg/l
T	35.0 °C
pH	-
TTS	27.9 mg/l



Distillery_2

Q	48.4 m3/h
BOD5	1054.0 mg/l
COD	2108.0 mg/l
Hydrocarbon Oil	<0.2 mg/l
Nitrogen	0.7 mg/l
Phosphorus	1.1 mg/l
Sodium	210.0 mg/l
Chloride	50.0 mg/l
Sulfur by protein	mg/l
T	39.4 °C
pH	6.8 -
TTS	69.5 mg/l

Glucose Plant

Q	43 m3/h
BOD5	1325.0 mg/l
COD	2650 mg/l
Hydrocarbon Oil	<0.2 mg/l
Nitrogen	98 mg/l
Phosphorus	131 mg/l
Sodium	3020 mg/l
Chloride	4428 mg/l
Sulfur by protein	29 mg/l
T	45.0 °C
pH	5.5 -
TTS	70.0 mg/l



Denison road - SELBY - YO8 8AN
North Yorkshire - UK

Info@sedammyl.com
www.sedammyl.com

Phone +44 01757 244 870
Fax +44 01757 244 879

ENVIRONMENTAL PLANNING VARIATION PERMIT
EPR/KP3030TZ/V010 APPLICATION DOCUMENTATION
PLANS/DRAWINGS

Description:
Emission to Water Point W1 Flow
Balance proposed in
EPK/KP3030TZ/V010 WITHOUT
WWTP UPGRADE

DMG NR: SED C3-3a-19

Drawn: 09/08/22 by: Ceola E. **Scale:** 1:1

Chk'd: 09/08/22 by: Arnaudo F. **Format:** A3

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