

NOTES:

1. ALL DIMENSIONS ARE IN METRES (M) UNLESS NOTED OTHERWISE.
2. DIMENSIONS IN METRES (M) AND RELATE TO THE ORDNANCE SURVEY DATUM MAIN HEAD.
3. LIME DOSING LINES - 40mm HOPE CARRYING CALCIUM HYDROXIDE LIME MILK AT 1% FOR TREATED WATER PH ADJUSTMENT.
4. ACID DOSING LINES - 40mm HOPE CARRYING SULPHURIC ACID @ 5% FOR RAW WATER PH ADJUSTMENT.
5. PROPOSED DEALKALISATION PLANT TO BE HOUSED ENTIRELY WITHIN EXISTING TREATMENT BUILDINGS.

LEGEND:

- SITE BOUNDARY
- OWNERSHIP BOUNDARY
- RIGHT OF WAY
- PROPOSED LIME DOSING LINE
- PROPOSED ACID DOSING LINE (OLD WTP)
- PROPOSED ACID DOSING LINE (NEW WTP)
- ARCHAEOLOGICAL MONUMENT

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REV	DATE	DESCRIPTION	D	C	A
02	26/01/22	Updated following comments	EV	MG	MJ
01	29/09/21	Updated following comments	EV	MG	JB

Planning Drawings

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PROJECT
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WATER TREATMENT PLANT
UPGRADE

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TITLE
PROPOSED
SITE LAYOUT PLAN

SCALE	DRAWN	CHECKED	APPROVED
1:1000	EV	MG	JB
DATE	DATE	DATE	DATE
26/05/2021	26/05/2021	26/05/2021	26/05/2021

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ZONE OF NOTIFICATION AROUND ARCHAEOLOGICAL MONUMENT (SEE DU017-079)

DOSING POINT AT EXISTING UNDERGROUND DOSING BUILDINGS ON 600mm DIA. RAW WATER GRAVITY MAIN

DOSING POINT AT EXISTING UNDERGROUND CHAMBER ON 900mm RAW WATER GRAVITY MAIN

DEALKALISATION PLANT LOCATION

DEALKALISATION PLANT ACCESS DOOR (SEE NOTE 5)

PROPOSED WORKSHOP

PROPOSED ACID DOSING BUILDING

1% LIME - DMG - HDFe

2x5% SULPHURIC ACID - DW40 - HOPE

2x5% SULPHURIC ACID - DW40 - HOPE

2x5% SULPHURIC ACID - DW40 - HOPE

