



- NOTES:**
1. ALL DIMENSIONS ARE IN METRES (m) UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE IN METRES (m) AND RELATE TO THE ORDINANCE SURVEY DATUM MALR HEAD.
 3. LIME DOSING LINES - 40mm HDPE CARRYING CALCIUM HYDROXIDE (LIME MILK) AT 1% FOR TREATED WATER PH ADJUSTMENT.
 4. ACID DOSING LINES - 40mm HDPE CARRYING SULPHURIC ACID @ 5% FOR RAW WATER PH ADJUSTMENT.
 5. PROPOSED DE-ALKALISATION PLANT TO BE HOUSED ENTIRELY WITHIN EXISTING TREATMENT BUILDING.

- LEGEND:**
- SITE BOUNDARY (Blue line)
 - OWNERSHIP BOUNDARY (Red line)
 - RIGHT OF WAY (Yellow line)
 - PROPOSED LIME DOSING LINE (Green dashed line)
 - PROPOSED ACID DOSING LINE (OLD WTP) (Purple dashed line)
 - PROPOSED ACID DOSING LINE (NEW WTP) (Red dashed line)
 - ARCHAEOLOGICAL MONUMENT (Red circle)

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REV	DATE	DESCRIPTION	D	C	A
01	28/09/21	Updated following comments	EV	MG	JB

Planning Drawings

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PROJECT
 LEIXLIP
 WATER TREATMENT PLANT
 UPGRADE

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TITLE
 PROPOSED
 LEIXLIP UPGRADE
 SITE LAYOUT (PART 1)

SCALE	DRAWN	CHECKED	APPROVED
1:500	EV	MG	JB
	DATE	DATE	DATE
	26/05/2021	26/05/2021	26/05/2021
DRAWING No.	STATUS	REVISION	
11118-RHL-LP2-XX-DR-PL-0009	S2	01	

1 SITE LAYOUT (PART 1)
 1 : 500

DOSING POINT AT EXISTING UNDERGROUND DOSING BUILDING ON 1400mm DIA. RAW WATER GRAVITY MAIN