

ODOUR SOURCES
Provided by others

IMPORTED SLUDGE STORAGE
TANK T-58001

RETURNED LIQUORS
STORAGE TANK T-58002

IMPORTED SLUDGE SCREEN
X-58001

SCREENINGS SKIP X-58002

FLOCCULATION TANK
T-58007

DRUM THICKENER T-58008

SLUDGE THICKENER
BUILDING X-58003

INDIGENOUS SLUDGE
STORAGE TANK #2
T-58004

INDIGENOUS SLUDGE
STORAGE TANK #1
T-58003

DIGESTOR FEED STORAGE
TANK T-58005

DISTRIBUTION CHAMBER
T-58006

ODOUR CONTROL SYSTEM
Provided by AWT

LOCAL CONTROL
PANEL
POWER SUPPLY
CONTROL
TELEMETRY
LCP-01

POWER SUPPLY
Provided by others

NOTES:

A1

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- OVERALL LAYOUT SUBJECT TO CHANGE TO SUIT SITE REQUIREMENTS.
- CIVIL WORKS BY OTHERS.
- ALL DUCTWORK PVC / GRP. COLOUR TO BE CONFIRMED BY DCWW.
- INSTRUMENTATION TO BE INSIDE IP65 ENCLOSURES TO PROVIDE UV / SUN PROTECTION AT CLIENTS REQUEST.
- ELECTRICAL SUPPLY BY OTHERS.
- EXTRACT FANS - DUTY/STANDBY DIRECT DRIVE, ATEX 3G ZONE 2 c/w ATEX 3G ZONE 2 IE3 MOTORS. 400V 3PHASE MOTORS FITTED WITH THERMISTORS AND 110V ANTI-CON HEATERS.
- ALL DRAINAGE PIPEWORK TO BE LAGGED.
- ALL MATERIALS SHALL BE SUITABLE FOR COASTAL/CORROSIVE ENVIRONMENT IN ACCORDANCE WITH WELSH WATER & WIMES SPECIFICATIONS.
- ALL INSTRUMENTS AND SAMPLING POINTS ACCESSIBLE FROM GROUND LEVEL EXCEPT STACK SAMPLING POINT.
- EQUIPMENT WEIGHTS:
 - T15000 15000 kg each
 - P6000 PM 6000 kg each
 - EXTRACTION FANS 60 kg each
 - EXHAUST STACK 100 kg

- AIR FLOW (Normal operation)
— BYPASS (Normally closed)
— DRAINS
— ELECTRICAL (POWER / CONTROL SIGNAL)

KEY					
	VOLUME CONTROL DAMPER		ISOLATION VALVE (NORMALLY OPEN)		RAIN POINT
	AIR FLOW DIRECTION (Normal operation)		ISOLATION VALVE (NORMALLY CLOSED)		RAIN U-TRAP c/w FILL CAP
	SAMPLING POINT		NON-RETURN VALVE / DAMPER		FLEXIBLE CONNECTION
	EXTRACT FAN		CONDENSATE DRAIN POINT (ONLY IF LOW POINT PRESENT) LOCATIONS TO BE CONFIRMED		FLANGED CONNECTION