



Chamber ID	Description
ICW Break Chamber	1.8m Dia valve chamber to split flow between ICW
Sump 1	2.1m internal diameter leachate collection chamber
Sump 2	2.1m internal diameter leachate collection chamber
Sump 3	2.1m internal diameter leachate collection chamber
Leachate Distribution Chamber LDC1A	2.7m diameter precast concrete valve chamber
Leachate Distribution Chamber LDC1B	1.8m diameter precast concrete valve chamber
Leachate Distribution Chamber LDC2A	2.7m diameter precast concrete valve chamber
Leachate Distribution Chamber LDC2B	1.8m diameter precast concrete valve chamber
Flowmeter FMA	1.2m diameter precast concrete valve chamber housing flowmeter.
Flowmeter FMB	1.2m diameter precast concrete valve chamber housing flowmeter.
Chamber C1	3.0m diameter precast concrete valve chamber housing flow analyser and motorised valve. Depth n/e 2.5m
Chamber C2	3.0m diameter precast concrete valve chamber housing flow analyser and motorised valve. Depth n/e 3m

- Keys:**
- 50mm Ø MDPE Header (Supply) Pipes
 - 80mm Ø MDPE Header (Supply) Pipes (between 90mm HDPE main and LDC1B/2B)
 - 150mm Ø nb uPVC pipe (between ICW Break chamber and connected to inlets to ICWs)
 - - - 90mm Ø HDPE PE100 Pumping Main
 - - - 50mm Ø MDPE Pumping Main from leachate tower to 90mm HDPE pumping main with 100mm bed and surround
 - - - 150mm Ø HDPE Outfall Pipe [To Drainage Ditch] with 100mm bedding and surround
 - - - Existing 63mm Ø HDPE Outfall Pipe [To Collection Sump]
 - - - Existing Lined French Drain (Runoff Drainage)
 - Existing Leachate Toe Drain - Collecting Leachate from beneath landfill cap and discharging to Collection Sump
- BH1 Ground Water Monitoring Boreholes
 - LG6A Gas Monitoring Boreholes
 - L3A Leachate Monitoring Boreholes
 - SW11 Surface Water Monitoring Points
 - D3 Discharge Monitoring Points from ICW/Willow
 - *PV07 Road Side Passive Wells (PV01 - PV07)
 - △ PV10 Passive Wells (PV08 - PV18)

NOTES

- Verifying Dimensions.
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
- Existing Services.
Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. It shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences.
- Issue of Drawings.
Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dvg, dxf etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors arising from the use of these files, either by human error by the recipient, listing of un-dimensioned measurements, compatibility issues with the recipient's software, and any errors arising when these files are used to aid the recipients drawing production, or setting-out-on-site.
- Datum.

rev	amendments	check	date

RPS A TETRA TECH COMPANY
 Elmwood House
 74 Boucher Road
 Belfast
 BT12 6RZ
 T +44 (0) 28 90 667914
 F +44 (0) 28 90 668286
 W www.rpsgroup.com/ireland
 E ireland@rpsgroup.com

Client

 Comhairle Contae Dhún na nGall
 Donegal County Council

Project
 Churchtown Waste Licence Review

Title
 Churchtown Landfill Site Leachate System

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Drawing Number
IBR1455/103

Drawn By JC	Status Prelim	Revision -
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Checked By AMcG	Approved By DD	Date 25-08-23
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