

SITE SUITABILITY TEST REPORT

Client: Kilkenny county council –

Housing Technical department

Site Location: Scart, Dunbell,

Co.Kilkenny



APPENDIX A: SITE CHARACTERISATION FORM

File Reference:

1.0 GENERAL DETAILS (From planning application)

Prefix: First Name: Surname:

Address: Site Location and Townland:

Number of Bedrooms: Maximum Number of Residents:

Comments on population equivalent

Proposed Water Supply:

Mains Private Well/Borehole Group Well/Borehole

2.0 GENERAL DETAILS (From planning application)

Soil Type, (Specify Type):

Subsoil, (Specify Type):

Bedrock Type:

Aquifer Category: Regionally Important | Locally Important | Poor

Vulnerability: Extreme High Moderate Low

Groundwater Body: Status:

Name of Public/Group Scheme Water Supply within 1 km:

Source Protection Area: ZOC SI SO Groundwater Protection Response:

Presence of Significant Sites (Archaeological, Natural & Historical):

Past experience in the area:

Comments:

(Integrate the information above in order to comment on: the potential suitability of the site, potential targets at risk, and/or any potential site restrictions).

Note: Only information available at the desk study stage should be used in this section.

3.0 ON-SITE ASSESSMENT

3.1 Visual Assessment

Landscape Position:

Slope: Steep (>1:5) Shallow (1:5-1:20) Relatively Flat (<1:20)

Slope Comment

Surface Features within a minimum of 250m (Distance To Features Should Be Noted In Metres)

Houses:

Nearest house approximately:
1) 40m in a southerly direction.
2) 130m in a easterly direction.

Existing Land Use:

Vegetation Indicators:

Groundwater Flow Direction:

Ground Condition:

Site Boundaries:

3.0 ON-SITE ASSESSMENT

3.1 Visual Assessment (contd.)

Roads:

Regional road R712 approximately 8m in a northerly direction.
Local road approximately 35m in a southerly direction.

Outcrops (Bedrock And/Or Subsoil):

None evident.

Surface Water Ponding:

None evident.

Lakes:

None evident.

Beaches/Shellfish Areas:

None evident.

Wetlands:

None evident.

Karst Features:

None evident.

Watercourses/Streams:*

Stream approximately 65m down gradient in a south westerly direction.

*Note and record water level

3.0 ON-SITE ASSESSMENT

3.1 Visual Assessment (contd.)

Drainage Ditches:*

None evident.

Springs:*

None evident.

Wells:*

None evident.

Comments:

(Integrate the information above in order to comment on: the potential suitability of the site, potential targets at risk, the suitability of the site to treat the wastewater and the location of the proposed system within the site).

Vegetation indicators suggest that there could be good potential drainage on this site
There is evidence of water main on adjoining road to the south.
The nearest target at risk is nearby stream. However EPA CoP 2021 Minimum distance requirements can be met.

*Note and record water level

3.2 Trial Hole (should be a minimum of 2.1m deep (3m for regionally important aquifers))

To avoid any accidental damage, a trial hole assessment or percolation tests should not be undertaken in areas which are at or adjacent to significant sites, (e.g. NHAs, SACs, SPAs, and/or Archaeological etc.), without prior advice from National Parks and Wildlife Service or the Heritage Service.

Depth of trial hole (m):

Depth from ground surface to bedrock (m) (if present):

Depth from ground surface to water table (m) (if present):

Depth of water ingress:

Rock type (if present):

Date and time of excavation:

Date and time of examination:

Depth of Surface and Subsurface

Percolation Tests	Soil/Subsoil Texture & Classification**	Plasticity and dilatancy***	Soil Structure	Density/ Compactness	Colour****	Preferential flowpaths
0.1 m <input type="checkbox"/>	Horizon 1 0.0m - 0.200m Clay loam		Crumb	Very soft	Dark Brown	Frequent grass rootlets
0.2 m <input type="checkbox"/>						
0.3 m <input type="checkbox"/>						
0.4 m <input type="checkbox"/>	Horizon 2 0.200m - 0.800m Slightly raspy feel Gravelly SILT CLAY	Threads 5 Ribbons 80mm Dilatancy- uncertain	Structureless subangular	Soft	Orange Brown	Variable grass rootlets Variable /occasional gravels
0.5 m <input type="checkbox"/>						
0.6 m <input type="checkbox"/>						
0.7 m <input type="checkbox"/>						
0.8 m <input type="checkbox"/>	Horizon 3 0.800m - 2.100m Cohesive feel Gravelly CLAY	Threads 8 Ribbons 110 - 130mm Dilatancy - none	Structureless subangular	Soft	Brown	Variable gravels occasional cobbles and boulders
0.9 m <input type="checkbox"/>						
1.0 m <input type="checkbox"/>						
1.1 m <input type="checkbox"/>						
1.2 m <input type="checkbox"/>						
1.3 m <input type="checkbox"/>	Bottom of Trial hole 2.1m	No Bedrock present @ 2.1m	No W.T.L present @ 2.1m on 23/03/2024			No signs of mottling
1.4 m <input type="checkbox"/>						
1.5 m <input type="checkbox"/>						
1.6 m <input type="checkbox"/>						
1.7 m <input type="checkbox"/>						
1.8 m <input type="checkbox"/>						
1.9 m <input type="checkbox"/>						
2.0 m <input type="checkbox"/>						
2.1 m <input type="checkbox"/>						
2.2 m <input type="checkbox"/>						
2.3 m <input type="checkbox"/>						
2.4 m <input type="checkbox"/>						
2.5 m <input type="checkbox"/>						
2.6 m <input type="checkbox"/>						
2.7 m <input type="checkbox"/>						
2.8 m <input type="checkbox"/>						
2.9 m <input type="checkbox"/>						
3.0 m <input type="checkbox"/>						
3.1 m <input type="checkbox"/>						
3.2 m <input type="checkbox"/>						
3.3 m <input type="checkbox"/>						
3.4 m <input type="checkbox"/>						
3.5 m <input type="checkbox"/>						

Likely Subsurface Percolation Value:

Likely Surface Percolation Value:

Note: *Depth of percolation test holes should be indicated on log above. (*Enter Surface or Subsurface at depths as appropriate).

** See Appendix E for BS 5930 classification.

*** 3 samples to be tested for each horizon and results should be entered above for each horizon.

**** All signs of mottling should be recorded.

3.2 Trial Hole (contd.) Evaluation:

Horizon 1 and 2 are free draining soil Horizon 3 has moderate permeability and generally could be suitable for percolation purposes.
 There is no Bedrock present at 2.100m with no water table present. Following the trial hole analysis there seems to be good potential for percolation in this ground.

3.3(a) Subsurface Percolation Test for Subsoil

Step 1: Test Hole Preparation

Percolation Test Hole

	1	2	3
Depth from ground surface to top of hole (mm) (A)	300	300	300
Depth from ground surface to base of hole (mm) (B)	700	700	700
Depth of hole (mm) [B - A]	400	400	400
Dimensions of hole [length x breadth (mm)]	300 x 300	300 x 300	300 x 300

Step 2: Pre-Soaking Test Holes

Pre-soak start	Date	22-Mar-2024	22-Mar-2024	22-Mar-2024
	Time	09:00	09:02	09:03
2nd pre-soak start	Date	22-Mar-2024	22-Mar-2024	22-Mar-2024
	Time	11:00	11:02	11:05

Each hole should be pre-soaked twice before the test is carried out.

Step 3: Measuring T_{100}

Percolation Test Hole No.

	1	2	3
Date of test	23-03-2024	23-03-2024	23-03-2024
Time filled to 400 mm	08:00	08:02	08:04
Time water level at 300 mm	09:12	09:00	09:10
Time (min.) to drop 100 mm (T_{100})	72.00	58.00	66.00
Average T_{100}			65.33

If $T_{100} > 480$ minutes then Subsurface Percolation value >120 – site unsuitable for discharge to ground

If $T_{100} \leq 210$ minutes then go to Step 4;

If $T_{100} > 210$ minutes then go to Step 5;

Step 4: Standard Method (where $T_{100} \leq 210$ minutes)

Percolation Test Hole	1			2			3		
Fill no.	Start Time (at 300 mm)	Finish Time (at 200 mm)	Δt (min)	Start Time (at 300 mm)	Finish Time (at 200 mm)	Δt (min)	Start Time (at 300 mm)	Finish Time (at 200 mm)	Δt (min)
1	09:14	11:02	108.00	09:03	10:26	83.00	09:16	10:02	46.00
2	11:05	13:32	147.00	10:30	12:23	113.00	11:05	12:35	90.00
3	13:34	16:48	194.00	12:25	15:34	189.00	12:40	15:46	186.00
Average Δt Value	149.67			128.33			107.33		
	Average $\Delta t/4 =$ [Hole No.1] <input type="text" value="37.42"/> (t_1)			Average $\Delta t/4 =$ [Hole No.2] <input type="text" value="32.08"/> (t_2)			Average $\Delta t/4 =$ [Hole No.3] <input type="text" value="26.83"/> (t_3)		

Result of Test: Subsurface Percolation Value = (min/25 mm)

Comments:

Horizon 2 & 3 has good potential percolation values in the range of 21- 40

Step 5: Modified Method (where $T_{100} > 210$ minutes)

Percolation Test Hole No.	1					
Fall of water in hole (mm)	Time Factor = T_f	Start Time hh:mm	Finish Time hh:mm	Time of fall (mins) = T_m	$K_{fs} = T_f / T_m$	T - Value = $4.45 / K_{fs}$
300 - 250	8.1			0.00		
250 - 200	9.7			0.00		
200 - 150	11.9			0.00		
150 - 100	14.1			0.00		
Average	T- Value	T- Value Hole 1 = (T_1)		<input type="text" value="0.00"/>		

Percolation Test Hole No.	2					
Fall of water in hole (mm)	Time Factor = T_f	Start Time hh:mm	Finish Time hh:mm	Time of fall (mins) = T_m	$K_{fs} = T_f / T_m$	T - Value = $4.45 / K_{fs}$
300 - 250	8.1			0.00		
250 - 200	9.7			0.00		
200 - 150	11.9			0.00		
150 - 100	14.1			0.00		
Average	T- Value	T- Value Hole 2 = (T_2)		<input type="text" value="0.00"/>		

Result of Test: Subsurface Percolation Value = (min/25 mm)

Percolation Test Hole No.	3					
Fall of water in hole (mm)	Time Factor = T_f	Start Time hh:mm	Finish Time hh:mm	Time of fall (mins) = T_m	$K_{fs} = T_f / T_m$	T - Value = $4.45 / K_{fs}$
300 - 250	8.1			0.00		
250 - 200	9.7			0.00		
200 - 150	11.9			0.00		
150 - 100	14.1			0.00		
Average	T- Value	T- Value Hole 3 = (T_3)		<input type="text" value="0.00"/>		

Comments:

3.3(b) Surface Percolation Test for Soil

Step 1: Test Hole Preparation

Percolation Test Hole	1	2	3
Depth from ground surface to top of hole (mm)	0	0	0
Depth from ground surface to base of hole (mm)	400	400	400
Depth of hole (mm)	400	400	400
Dimensions of hole [length x breadth (mm)]	300 x 300	300 x 300	300 x 300

Step 2: Pre-Soaking Test Holes

Pre-soak start	Date	22-Mar-2024	22-Mar-2024	22-Mar-2024
	Time	09:10	09:12	09:14
2nd pre-soak start	Date	22-Mar-2024	22-Mar-2024	22-Mar-2024
	Time	11:08	11:10	11:12

Each hole should be pre-soaked twice before the test is carried out.

Step 3: Measuring T_{100}

Percolation Test Hole No.	1	2	3
Date of test	23-Mar-24	23-Mar-24	23-Mar-2024
Time filled to 400 mm	08:10	08:12	08:14
Time water level at 300 mm	09:12	09:09	09:12
Time to drop 100 mm (T_{100})	62.00	57.00	58.00
Average T_{100}			59.00

If $T_{100} > 480$ minutes then Surface Percolation value >90 – site unsuitable for discharge to ground

If $T_{100} \leq 210$ minutes then go to Step 4;

If $T_{100} > 210$ minutes then go to Step 5;

Step 4: Standard Method (where $T_{100} \leq 210$ minutes)

Percolation Test Hole	1			2			3		
Fill no.	Start Time (at 300 mm)	Finish Time (at 200 mm)	ΔT (min)	Start Time (at 300 mm)	Finish Time (at 200 mm)	ΔT (min)	Start Time (at 300 mm)	Finish Time (at 200 mm)	ΔT (min)
1	09:15	10:44	89.00	09:10	10:28	78.00	09:15	10:42	87.00
2	10:46	12:53	127.00	10:30	12:26	116.00	10:45	12:40	115.00
3	12:55	15:52	177.00	12:30	15:38	188.00	12:43	15:34	171.00
Average ΔT Value	131.00			127.33			124.33		
	Average $\Delta T/4 =$ [Hole No.1] 32.75 (T_1)			Average $\Delta T/4 =$ [Hole No.2] 31.83 (T_2)			Average $\Delta T/4 =$ [Hole No.3] 31.08 (T_3)		

Result of Test: Surface Percolation Value = **31.89** (min/25 mm)

Comments:

Horizon 1 & 2 has good potential percolation values in the range of 21- 40

Step 5: Modified Method (where $T_{100} > 210$ minutes)

Percolation Test Hole No.	1					
Fall of water in hole (mm)	Time Factor = T_f	Start Time hh:mm	Finish Time hh:mm	Time of fall (mins) = T_m	$K_{fs} = T_f / T_m$	T- Value = $4.45 / K_{fs}$
300 - 250	8.1			0.00		
250 - 200	9.7			0.00		
200 - 150	11.9			0.00		
150 - 100	14.1			0.00		
Average	T- Value	T- Value Hole 1 = (T_1)		0.00		

Percolation Test Hole No.	2					
Fall of water in hole (mm)	Time Factor = T_f	Start Time hh:mm	Finish Time hh:mm	Time of fall (mins) = T_m	$K_{fs} = T_f / T_m$	T- Value = $4.45 / K_{fs}$
300 - 250	8.1			0.00		
250 - 200	9.7			0.00		
200 - 150	11.9			0.00		
150 - 100	14.1			0.00		
Average	T- Value	T- Value Hole 2 = (T_2)		0.00		

Result of Test: Surface Percolation Value =

0.00 (min/25 mm)

Percolation Test Hole No.	3					
Fall of water in hole (mm)	Time Factor = T_f	Start Time hh:mm	Finish Time hh:mm	Time of fall (mins) = T_m	$K_{fs} = T_f / T_m$	T- Value = $4.45 / K_{fs}$
300 - 250	8.1			0.00		
250 - 200	9.7			0.00		
200 - 150	11.9			0.00		
150 - 100	14.1			0.00		
Average	T- Value	T- Value Hole 3 = (T_3)		0.00		

Comments:

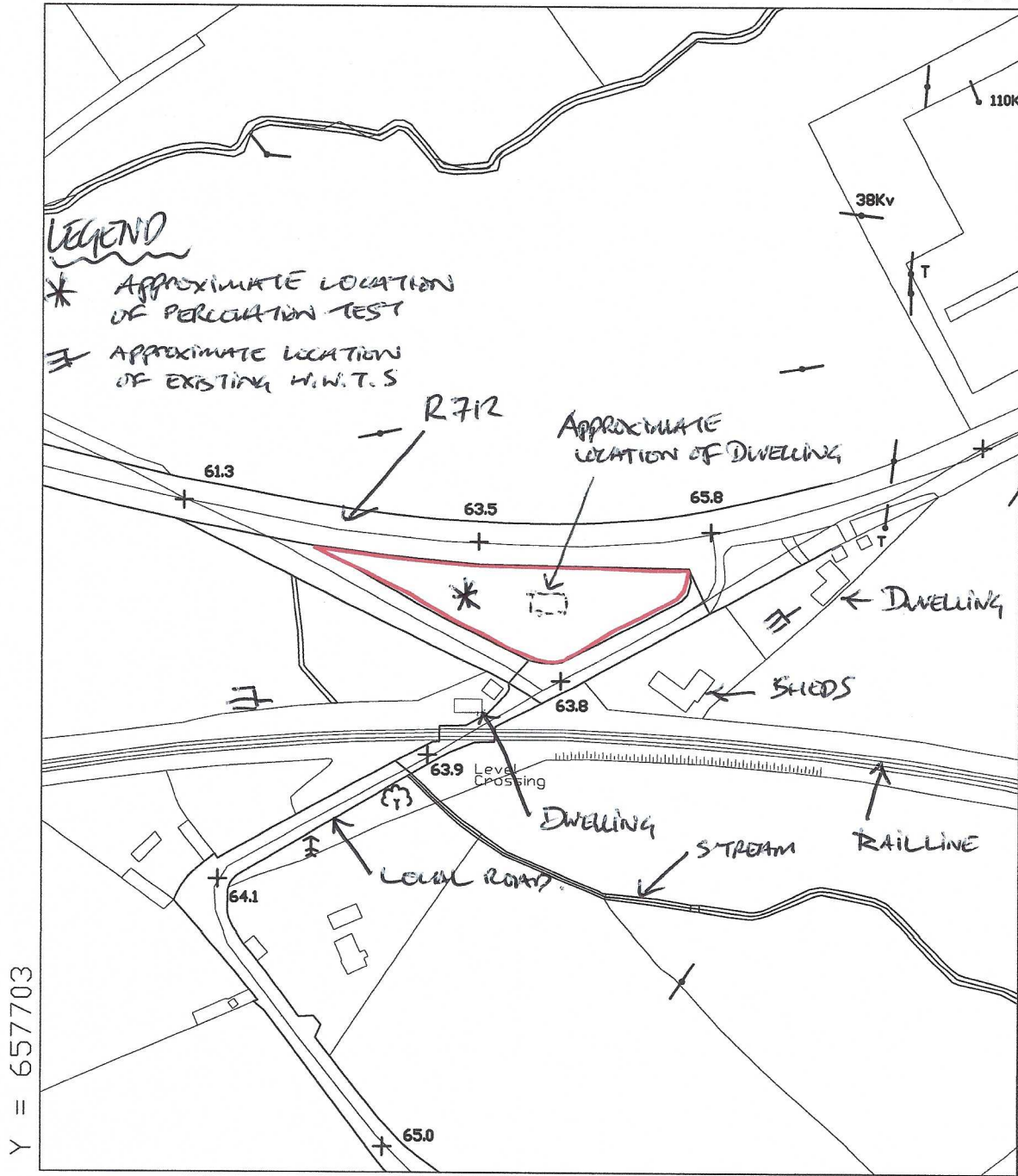
3.4 The following associated Maps, Drawings and Photographs should be appended to this site characterisation form.

1. Discovery Series 1:50,000 Map indicating overall drainage, groundwater flow direction and housing density in the area.
2. Supporting maps for vulnerability, aquifer classification, soil, subsoil, bedrock.
3. North point should always be included.
4. (a) Scaled sketch of site showing measurements to Trial Hole location and
 - (b) Percolation Test Hole locations,
 - (c) wells and
 - (d) direction of groundwater flow (if known),
 - (e) proposed house (incl. distances from boundaries)
 - (f) adjacent houses,
 - (g) watercourses,
 - (h) significant sites
 - (i) and other relevant features.
5. Site specific cross sectional drawing of the site and the proposed layout¹ should be submitted.
6. Photographs of the trial hole, test holes and site including landmarks (date and time referenced).
7. Pumped design must be designed by a suitably qualified person.

¹ The calculated percolation area or polishing filter area should be set out accurately on the site layout drawing in accordance with the code of practice's requirements.

X = 656263

Y = 658153




Y = 657703

X = 655888

Scart, Dunbell, Co. Kilkenny R95 N927

Ref.	Owner	Folio	Area	Townland	Description
2024L05	Kilkenny County Council	KK15778	0.2813Ha	Dunbell	Residential land

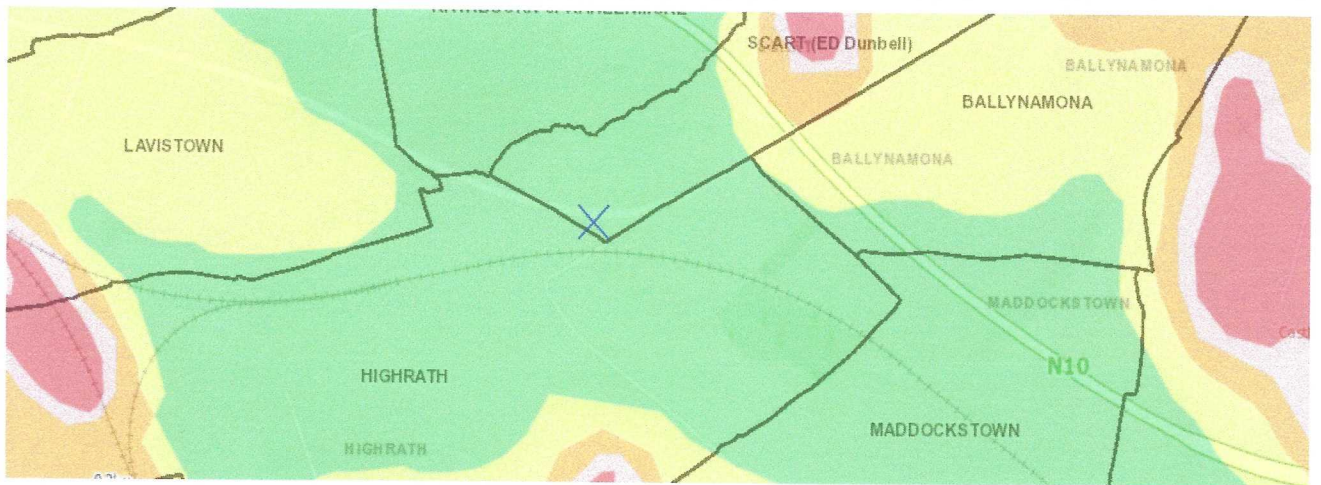
Areas: As shown	Townland: As Shown	Date: 27/03/2024	
Scale: 1:2500	O.S. Map Ref: 4767-D_4768-C	Prepared by: PT	
Kilkenny County Council, County Hall, John St., Kilkenny. Tel: 056/7794000 Comhairle Chontae Chill Chainnigh			

Based on Ordnance Survey map of Ireland , Licence No. Kilkenny County Council2013/27/CCMA.

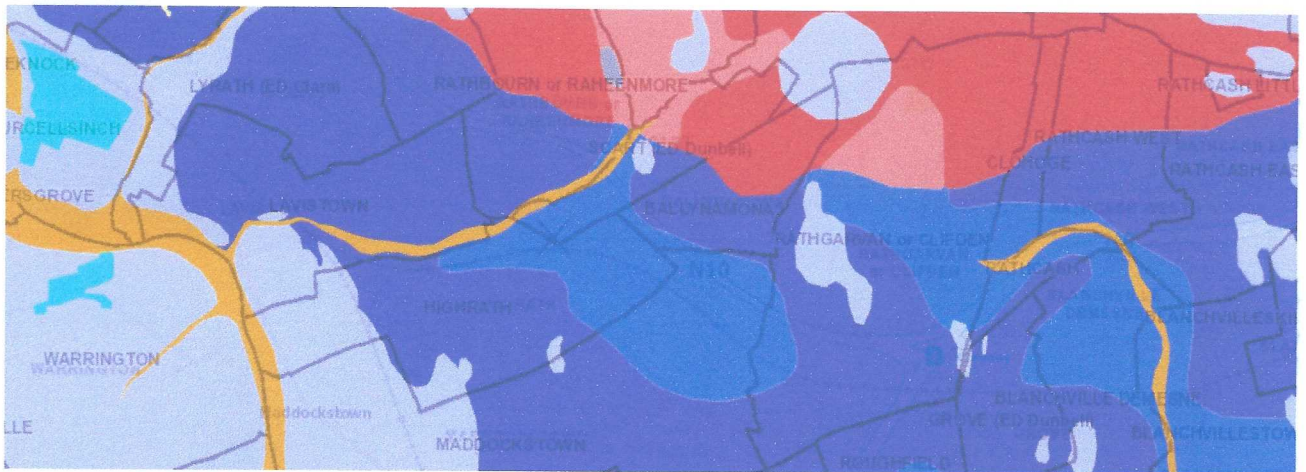
GROUNDWATER AQUIFER MAP



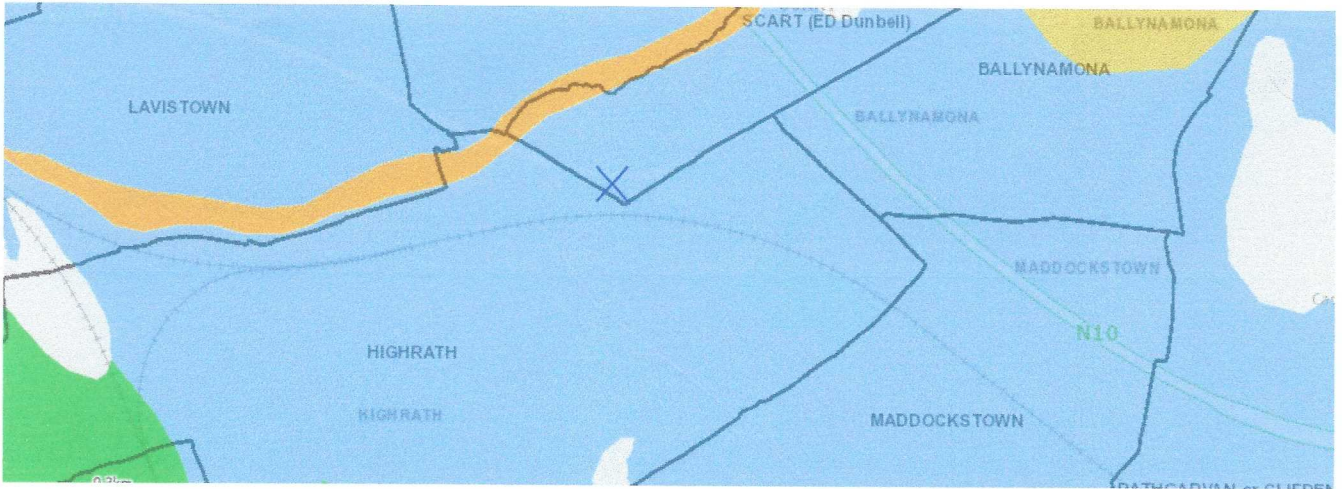
GROUNDWATER VULNERABILITY MAP



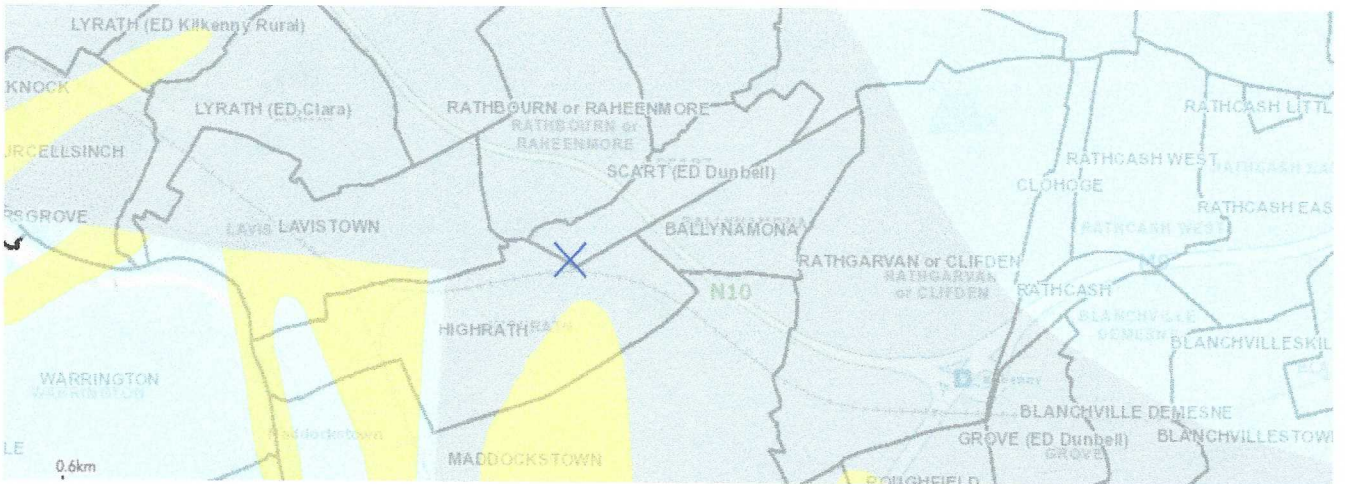
SOILS MAP



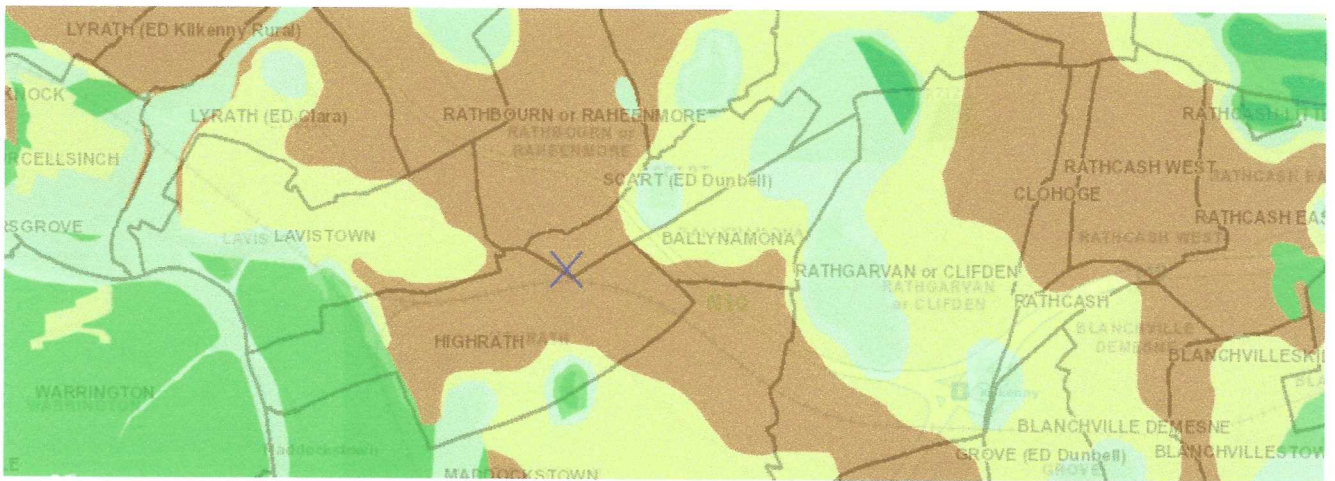
SUBSOILS MAP



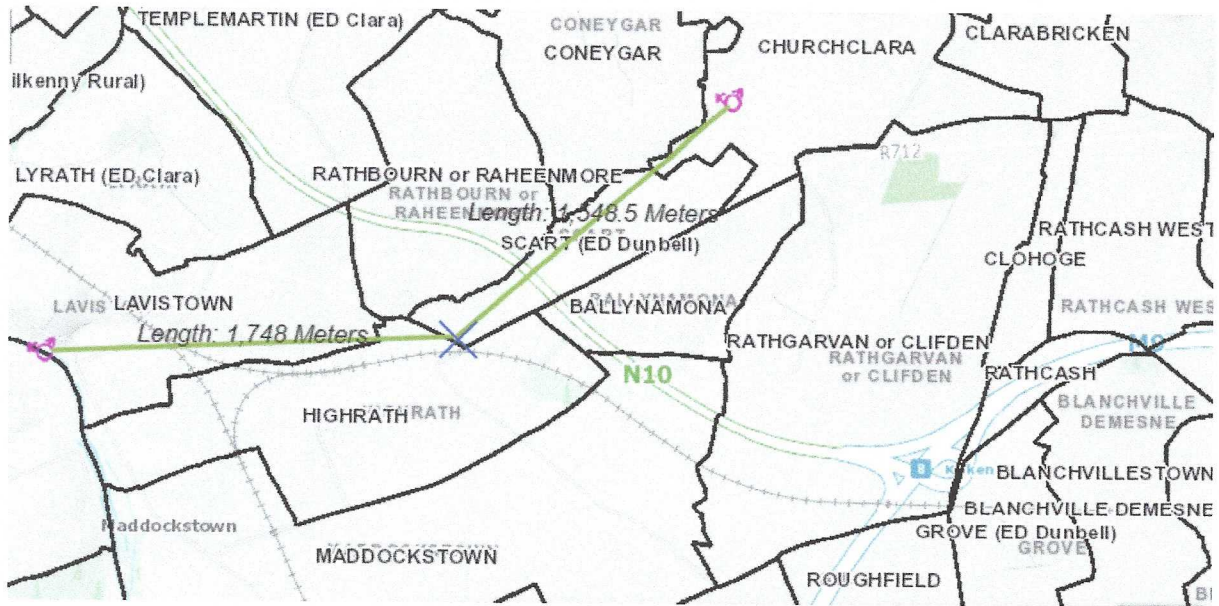
BEDROCK MAP



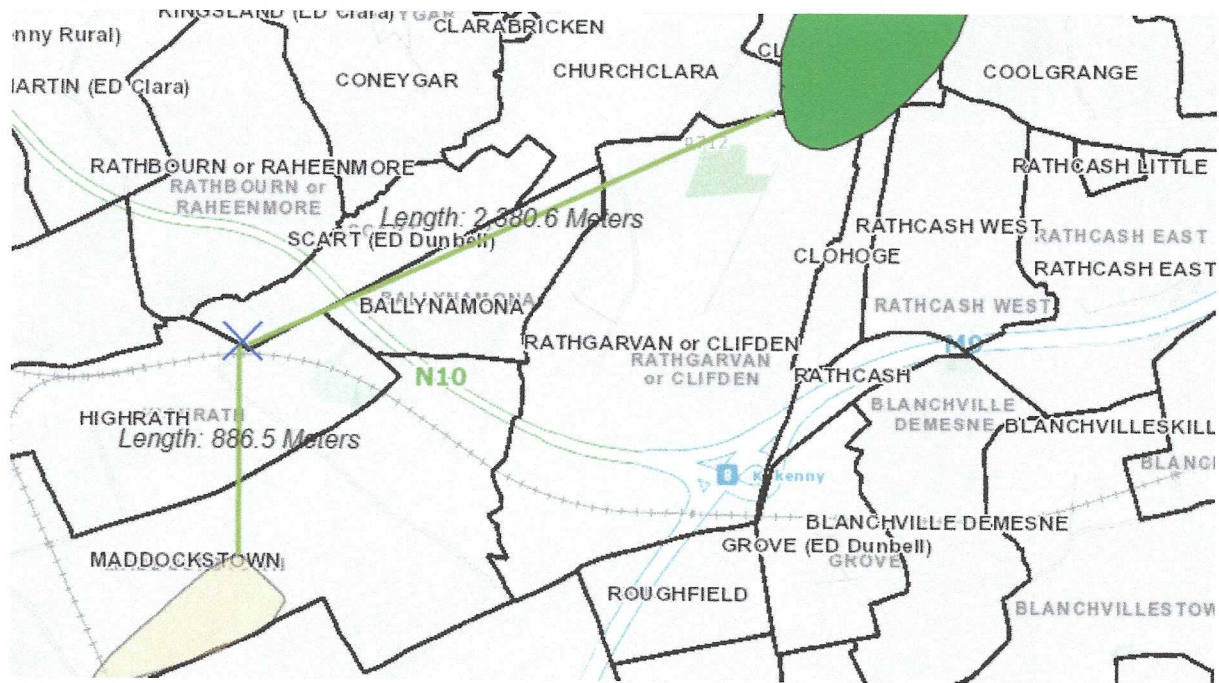
GROUNDWATER RECHARGE DATA MAP



KARST MAP



SOURCE PROTECTION AREA MAP





TRIAL HOLE



SIDE PROFILE OF TRIAL HOLE

HORIZION 1



HORIZION 2

HORIZION 3



SUB-SURFACE T-TEST HOLE 1



SUB-SURFACE T-TEST HOLE 2

SUB-SURFACE T-TEST HOLE 3



SURFACE T-TEST HOLE 1

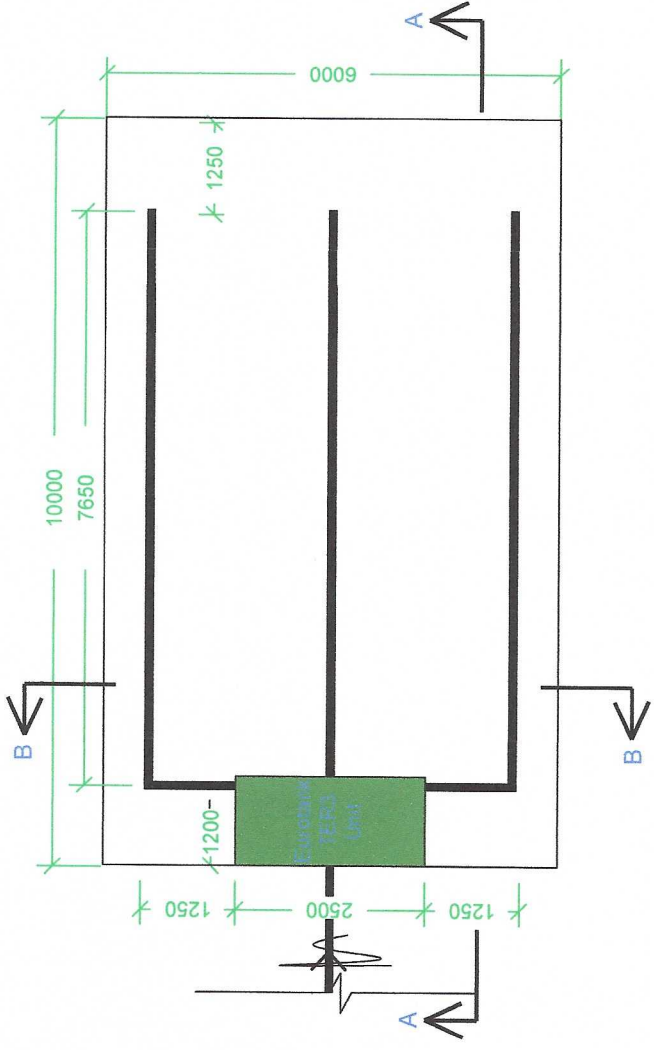
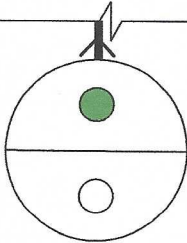


SURFACE T-TEST HOLE 2

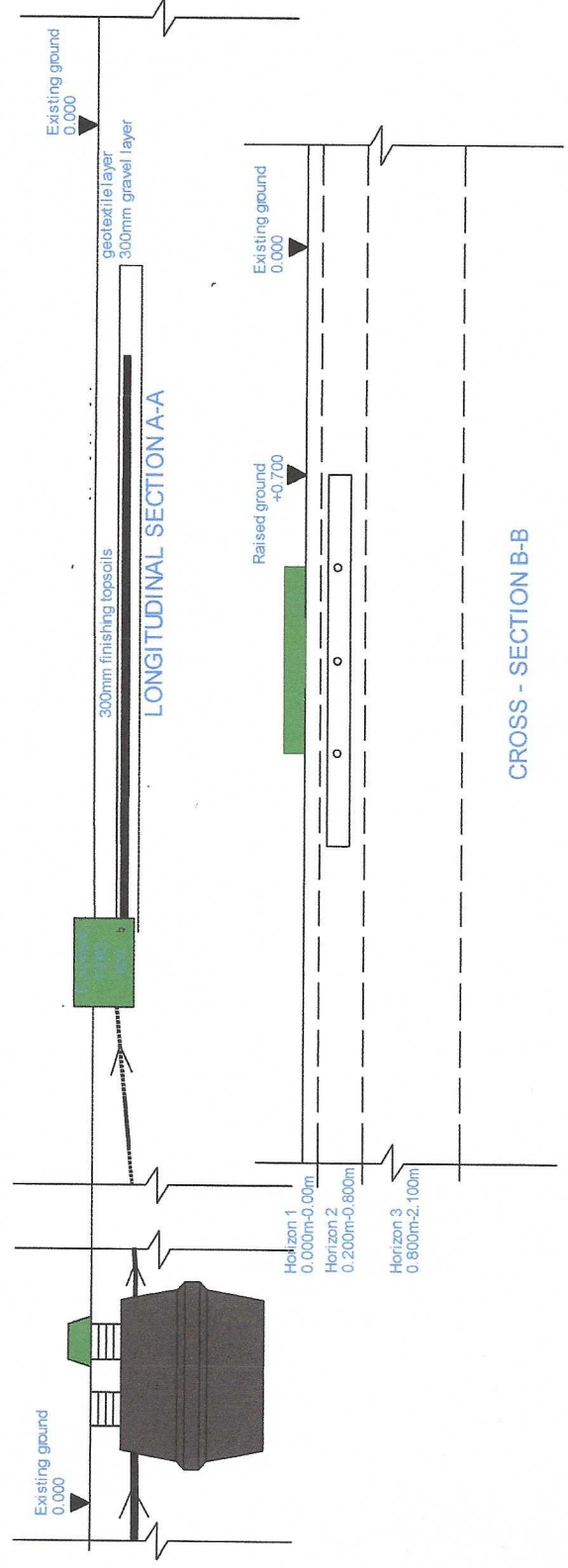
SURFACE T-TEST HOLE 3



Secondary Treatment System
 Min 7m from dwelling house
 Gravity feed from dwelling with
 rising main to
 Tertiary module unit



PLAN OF RAISED PERCOLATION AREA



6m x 10m for 60m² layout
 Optimum construction width 5m
 Max pipe length 10m
 1.25m cover on sides and end
 sized using the formula

As per EPA CoP 2021 table 10.1 page 62

Percolation Area Separation Distances

- 10m min from dwelling
- 3m min from site boundaries
- 4m min from roads
- 30m from bored wells same gradient or uphill
- 100mm from down gradient wells

As per Table 6.2 EPA CoP

Site improvement works:

Spray off grass and remove the organic layer.
 Then loosen up ground to 500mm depth and while
 under construction NEVER travel over
 proposed location of percolation area

Project Name and Address
 KILKENNY COUNTY COUNCIL
 HOUSING - TECHNICAL DEPARTMENT
 JOHN'S GREENHOUSE, JOHN GREEN,
 KILKENNY R95N927

Project Sheet
 Date MAR 2024
 Scale 1:100

Firm Name and Address
 BOLGER-HYNES ARCHITECTURAL DESIGN
 Ballybarra House, The Rower,
 Co. Kilkenny
 Mobile: 087 2800576
 email: williambolgerhynes@gmail.com

4.0 CONCLUSION of SITE CHARACTERISATION

Integrate the information from the desk study and on-site assessment (i.e. visual assessment, trial hole and percolation tests) above and conclude the type of system(s) that is (are) appropriate. This information is also used to choose the optimum final disposal route of the treated wastewater.

Slope of proposed infiltration / treatment area:

1:100

Are all minimum separation distances met?

✓

Depth of unsaturated soil and/or subsoil beneath invert of gravel (or drip tubing in the case of drip dispersal system)

0.90

Percolation test result: Surface: 31.89

Sub-surface: 33.78

Not Suitable for Development

Suitable for Development

Identify all suitable options

1. Septic tank system (septic tank and percolation area) (Chapter 7) No
2. Secondary Treatment System (Chapters 8 and 9) and soil polishing filter (Section 10.1)
3. Tertiary Treatment System and Infiltration / treatment area (Section 10.2) Yes

Discharge Route ¹

Discharge to ground

5.0 SELECTED DWWTs

Propose to install: Tertiary Treatment System and Infiltration /treatment area

and discharge to: Ground Water

Invert level of the trench/bed gravel or drip tubing (m) -0.45

Site Specific Conditions (e.g. special works, site improvement works testing etc.

It is proposed to install a Tertiary Treatment System and Infiltration /treatment area

Design criteria of Packaged wastewater treatment plant

The sizing of the proposed packaged wastewater treatment plant shall be minimum of 7Pe @ 150l/day Eurotank BAF P8 en12566/3 SR66.(Refer to EPA CoP 2021)

Design criteria for soil polishing filter. (Percolation area)

It is proposed to have the invert of percolation pipes -0.450m below the existing ground. This will ensure there is a minimum of 0.9m of soil /subsoil below invert of the percolation pipe.

PV values of 21 - 40 means 7.5m² percolation area per person. Calculation 7.5m² x 7Pe = 52,5m² round up 60m²

(Refer to EPA CoP 2021 table 10.1 page 62)

(See drawings attached.)

¹ A discharge of sewage effluent to "waters" (definition includes any or any part of any river, stream, lake, canal, reservoir, aquifer, pond, watercourse or other inland waters, whether natural or artificial) will require a licence under the Water Pollution Acts 1977-90. Refer to Section 2.4.

6.0 TREATMENT SYSTEM DETAILS

SYSTEM TYPE: Septic Tank Systems (Chapter 7)

Tank Capacity (m ³)	<input type="text"/>	Percolation Area	Mounded Percolation Area
		No. of Trenches	No. of Trenches
		Length of Trenches (m)	Length of Trenches (m)
		Invert Level (m)	Invert Level (m)

SYSTEM TYPE: Secondary Treatment System (Chapters 8 and 9) and polishing filter (Section 10.1)

Secondary Treatment Systems receiving septic tank effluent (Chapter 8)

Media Type	Area (m ²)*	Depth of Filter	Invert Level
Sand/Soil	<input type="text"/>	<input type="text"/>	<input type="text"/>
Soil	<input type="text"/>	<input type="text"/>	<input type="text"/>
Constructed Wetland	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other	<input type="text"/>	<input type="text"/>	<input type="text"/>

Packaged Secondary Treatment Systems receiving raw wastewater (Chapter 9)

Type	<input type="text" value="Biological aerator"/>
Capacity PE	<input type="text" value="8"/>
Sizing of Primary Compartment	<input type="text"/> m ³

Polishing Filter*: (Section 10.1)

Surface Area (m ²)*	<input type="text" value="60.00"/>	Option 3 - Gravity Discharge Trench length (m)	<input type="text"/>
Option 1 - Direct Discharge Surface area (m ²)	<input type="text"/>	Option 4 - Low Pressure Pipe Distribution Trench length (m)	<input type="text"/>
Option 2 - Pumped Discharge Surface area (m ²)	<input type="text" value="60.00"/>	Option 5 - Drip Dispersal Surface area (m ²)	<input type="text"/>

SYSTEM TYPE: Tertiary Treatment System and infiltration / treatment area (Section 10.2)

Identify purpose of tertiary treatment

Provide performance information demonstrating system will provide required treatment levels

Provide design information

Site restrictions

DISCHARGE ROUTE:

Groundwater	<input checked="" type="checkbox"/>	Hydraulic Loading Rate * (l/m ² .d)	<input type="text" value="8.57"/>	Surface area (m ²)	<input type="text"/>
Surface Water **	<input type="checkbox"/>	Discharge Rate (m ³ /hr)	<input type="text"/>		

* Hydraulic loading rate is determined by the percolation rate of subsoil

** Water Pollution Act discharge licence required

6.0 TREATMENT SYSTEM DETAILS

QUALITY ASSURANCE:

Installation & Commissioning

Installation and commissioning shall be carried out by a qualified personal in accordance in accordance with the EPA manual code of practice 2021.

On-going Maintenance

Regular de-sludging and maintenance on an annual basis accordance with the EPA Code of practise 2021.

7.0 SITE ASSESSOR DETAILS

Company: Bolger-Hynes Archectitural Design

Prefix: Mr

First Name: William

Surname: Bolger- Hynes

Address: Ballinabarna House, The Rower, Co.Kilkenny

Qualifications/Experience: Dip in Civil Eng. Fetac Certification in site suitability assessment

Date of Report: 29-Mar-2024

Phone: 087 2800576

E-mail: williambolgerhynes@gmail.com

Indemnity Insurance Number: AP10002006

Signature:

William Bolger-Hynes

Broker Reference: **BOLG05PI01**
Date: **26/04/2023**

TO WHOM IT MAY CONCERN

**Bolger-Hynes Architectural Design and Planning
Ballinabarna House The Rower Co Kilkenny**

We act as insurance broker for the above client and as such can confirm the following cover

Business Description

Engineer

Professional Indemnity Insurance

Limit of Indemnity : € 1,000,000, any one claim
Policy Excess : € 1,000 each and every claim
Period of Cover : 26/04/2023 to 25/04/2024
Both days inclusive local standard time at above address
Insurers : Lloyds -Professional Indemnity
Policy No : API0002006
Note : Policy extends to include PSDP cover

The cover provided contains no unusual terms or conditions and is fully applicable to any work which the Insured Practice may be appointed in connection with his business description.



Conor Brennan
Arachas Corporate Brokers Limited