

APPENDIX NO. 6

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NMP 2010 REPORT & APPROVAL FROM AGENCY

Mr. Tim Cullinan
Owner
Woodville Pig Farms Limited
C/o Michael Sweeney
NRGE Ltd, Mooresfort, Lattin
Co. Tipperary

21/01/10

Our Ref: P0467-01/APNMP10-01ID

Dear Mr. Cullinan

I refer to your Nutrient Management Plan dated 29/12/09 received by the Agency on 05/01/10. The information received has been considered and I am to inform you that your NMP has been approved by the Agency.

This approval has been made on the basis of information submitted in your proposal. Failure to provide supporting information to Agency Inspectors during site inspections may result in the Agency withdrawing its approval of this NMP.

The licensee should be aware that the NMP, and related landspreading activities, are also required to comply with the requirements of the European Communities (Good Agricultural Practice for Protection of Waters) Regulations, 2009 (S. I. No. 101 of 2009).

The annual slurry production on site is 18,822m³, as identified in the submitted NMP. The NMP approved by the Agency for 2009 has a recovery capacity of 29,418m³, which is 156% of the expected annual slurry production at the facility. The NMP should have capacity for recovery of 100% of the organic waste plus a 20% reserve (i.e. 120%). In view of the above, the recovery capacity is adequate.

Failure to comply with the requirements specified in this notification may result in prosecution for breach of Conditions of IPPC Licence Reg. No. P0467-01.

If you have any further queries please contact the undersigned at 056 7796700. Please quote the above reference in any future correspondence in relation to this matter.

Yours sincerely

Irene Doyle
Office of Environmental Enforcement

P0467-01 /APNMP10-01ID

MR TIM CULLINANE
WOODVILLE PIGS LTD
WOODVILLE
BALLYMACKEY
NENAGH
CO TIPPERARY

OFFICE OF ENVIRONMENTAL ENFORCEMENT
SOUTH/SOUTH WEST REGION
ENVIRONMENTAL PROTECTION AGENCY
INNISCARRA
CORK

DATE: 29-12-09

RE: IPC REG P0467-01; CUSTOMER LIST FOR PIG MANURE (NMP 2010)

Dear Sir Madam

Enclosed please find a list of the customers to whom pig manure fertilizer from this site will be supplied in response to requests from them during 2010. All relevant information relating to these customer farms is maintained on site, for inspection during normal working hours, and relevant summary information is attached, in accordance with recent agreement reached between the Agency and the IFA.

Supply of pig manure to any of these customer farmers will be subject to availability and subject to limitation by the amount of phosphorus (P in the case of REPS farms particularly), and 170 Kgs of Org N, identified as needed by the farmer requesting the supply, as governed by S.I. No. 378 of 2006. I have requested all customer farms to provide me with their current Nitrogen & Phosphorus Statement, REPS form where applicable, or fertilizer plan, to prove nutrient requirement, and this documentation is maintained on file for inspection.

The total capacity of customer farmer requirement shown on the list is greater than the amount of Pig manure that can be produced on site during 2010. New customers who may seek a supply will be added to the customer list during the year. Manure may be supplied to a new customer on his statement that he has a requirement, and by provision of any of the documents outlined above, along with a map, and if it is available when requested.

We continuously consult with our customer farmers to ensure we satisfy their requirements for fertilizer supplies, and to provide them with all necessary documentation, to ensure compliance with S.I. No 378 of 2006. I have to accept that my customer' farms information is not mine to give to anyone without the consent of the


owner, and that it would be used only to calculate the fertilizer requirement of their farms and demonstrate to the Agency their status as customers who have a demonstrated need for fertilizer nutrient that can be supplied by manure from this site.

The following documentation is attached for your attention

1. Customer list, in Form 11B(i) format, setting out farm code, town-lands where farms are located, and allocation of pig manure.
2. Summary NMP report including calculation of Pig Manure volumes.
3. Composite Map (Scale 1:50,000), showing location of customer farms
4. Declaration of suitability of these farms for recovery of pig manure

The agreement of the Agency to this will be appreciated.

Yours Sincerely

PP- 
MR TIM CULLINANE

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NRGE
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MANAGEMENT OF PIG MANURE

FERTILISER PLAN

FOR

I.P.C. LICENCE REG No PO 0467-01

AT

**WOODVILLE, BALLYMACKEY, NENAGH
CO TIPPERARY**



JANUARY 2010



1. INTRODUCTION

- 1.1 This pig unit owned by Woodville Pigs Ltd at Woodville, Ballymackey, Nenagh, Co Tipperary, has the benefit of full planning permission and operates under the conditions of I.P.C. Licence Ref No PO 0467-01. This licence permits the operation of a 1000 Sow Breeding unit. A request for Review is currently being processed by the Agency to add a fattening unit to this license. This would then be a fully integrated facility
- 1.2 The estimated level of pig manure production for 2010, will be 18822 m³ approx, in accordance with the calculations set out in Table 1.
- 1.3 Eighty six customer farms comprising of 3647 usable hectares of agricultural land are programmed to use this pig manure fertiliser currently. A fertiliser plan has been provided by each individual customer farmer. This plan has been compiled based upon, the phosphorus level in the soil, the phosphorus and organic nitrogen produced on the farm (Nitrogen & Phosphorus Statements), the phosphorus and organic nitrogen content of the pig manure, and the limit to the amount of nitrogen that can be spread from pig manure. (i.e. 170 Kgs per hectare).
- 1.4 All customer farmers will be advised that application of pig manure must be carried out in accordance with the recommendations of the European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2006 S.I. No. 378 of 2006.
- 1.5 An individual fertiliser plan has been produced by each farm, which qualifies for an allocation of pig manure for 2010. These individual farm fertiliser plans are included as Attachment No 3. These individual fertiliser plans are presented as a farm pack, which includes a map (scale 1:10560), a summary analyses report of the most recent soil P tests, along with the fertiliser plan on the newly drafted 11B(ii) format.
- 1.6 A composite map of the customers farms is included as Attachment No 2. This map was prepared from the O.S. Discovery Series; (Scale 1:50,000). We are currently awaiting plans for a number of other farms, and these will be added to the customer list when available in early 2010. However the current list of customers have a capacity to recover a greater volume of pig manure than will be produced in the coming year.
- 1.7 The individual fertiliser plans included in the farm packs in Attachment No 3, are prepared on the basis of the most recent soil analyses results and "THE DEPARTMENT OF AGRICULTURE & FOOD RECOMMENDATIONS" (S.I. No. 378 of 2006). Many of these farms did not have soil analyses results, and in these cases we utilised the provision of Article 16 2(a), page 12 of S.I. No 378 Of 2006, which provides for the use of an assumed Index 3. In some cases a certificate was received from REPS planners, regarding the volume of pig manure to be imported to their clients farms.
- 1.8 Table 11B(I) of the IPC Licence application has been updated and is included as Attachment No 1.
- 1.9 The abbreviations used in the individual fertiliser plans, included in Attachment No 3 are

PP	Permanent pasture
1CS	1 Cut silage
2CS	2 Cut silage
3CS	3 Cut silage
MZ	Maize
SA	Set Aside
Bar	Barley
Beet	Sugar Beet

2. PIG MANURE USE.

All the pig manure produced at this site, will be applied to maintain soil fertility. Eighty six customer farmers in the locality with a total of 3647 usable hectares are customers for the product, after allowing for "cordon sanitaires" around streams and rivers, dwelling houses, and rock outcrops. On the basis of this data, and the "DEPARTMENT OF AGRICULTURE & FOOD RECOMMENDATIONS (S.I. No. 378 Of 2006)", a plan was produced for each farm.

A value of 0.8 kgs P/m³, and 4.2 kgs N/m³ of pig manure from this unit was used in the calculation of the individual farm fertiliser programmes, in accordance with Table 7, page 37 of S.I. No 378 of 2006.

In relation to the application of pig manure, phosphorus and nitrogen are the two elements of concern in relation to the environment. Phosphorus, if applied in excess, builds up in the surface layers of the soil. In sensitive areas, with direct access to watercourses and streams, the level of phosphorus in the soil must be managed by controlling the application.

Nitrogen, because it is readily leached into the groundwater, if applied out of season, when the grass roots are not actively growing, and there are substantial fluxes of soil water percolating downwards as recharge. However these risks are mitigated, by the fact that pig manure from this unit will only be applied when growing conditions exist, and at rates governed by a fertiliser plan.

Soil P levels in the selected customers lands are generally low, and well below that required for optimum crop production, and could benefit from the application of pig manure. Farmers will receive pig manure, based on their individual fertiliser plans.

The fertiliser in the pig manure will substitute for chemical fertiliser, except where a limited amount (chemical fertiliser), is required for balancing purposes. In all cases the rate of application will be matched to the nutrient requirements of the crop, and the nutrient status of the soil.

The total phosphorus requirement of the eighty six customer farms is 59,731 Kgs, after allowing for the phosphorus supplied from the on farm livestock. Pig manure is allocated to these farms on the basis of their crop nutrient requirement. The projected total P content of the pig manure from this site, for 2010, is 15058 Kgs, which is calculated from projected volumes (see Table 1').

Table 2 attached outlines the usable area, phosphorus requirement, and pig manure allocation of each customer farm.

TABLE 1. CALCULATION OF PIG MANURE PRODUCTION

PIG TYPE	NUMBER OF STOCK	NEAT excreta Pig/week (litres)	Total Litres	Total M3
Farrowing Sows	220	97	21340	21.34
Dry Sows	700	44	30800	30.80
Boars	12	44	528	0.53
Gilts	109	39	4251	4.25
Weaner	3850	12	46200	46.20
Fattener	7250	32	232000	232.00
Total Pig Manure per week			335119	335
Total Pig Manure per annum			17426188	17426
Extreanous water 8%			1394095	1394
Total annual production pig manure			18820283	18820

TOTAL PIG MANURE TO BE LANDSPREAD 18822 M3

TABLE 2: Summary details of Customer Farms for 2008

F.C.	ALLOCATION M3	Kgs P Req	AREA (Ha)
1	0	0.00	0
2	351	512.25	34.15
3	0	0.00	0
4	0	0.00	0
5	401	355.00	14.2
6	0	0.00	0
7	0	0.00	0
8	0	0.00	0
9	0	0.00	0
10	0	0.00	0
11	0	0.00	0
12	800	1192.25	66.91
13	0	0.00	0
15	0	0.00	0
16	275	1193.55	79.57
17	0	0.00	0
18	0	0.00	0
19	1446	2224.05	148.27
20	220	297.30	19.82
21	0	0.00	0
22	2381	6300.00	252
24	631	1183.05	78.87
25	0	0.00	0
26	0	0.00	0
27	0	0.00	0
28	0	0.00	0
29	1883	2431.10	141.32
30	199	718.20	47.88
31	1619	1618.70	91.98
32	440	352.75	14.11
33	360	821.40	54.76
34	100	970.05	64.67
35	340	849.00	56.6
36	656	820.50	54.7
37	0	0.00	0
38	0	0.00	0
39	0	0.00	0
40	250	291.45	19.43
41	449	674.10	44.94
42	198	907.50	57.3
43	364	1091.10	72.74
44	831	2211.2	118.3
46	1033	2103.9	140.26
47	167	1689	122
48	453	1082.9	69.84
49	216	324	21.6
50	820	1366.2	91.08
51	454	668.55	44.57
52	259	778.05	51.87

53	180	438.75	29.25
54	119	404.55	26.97
55	50	235.2	15.68
56	150	921	61.4
57	335	502.5	t
58	0	341.1	22.74
59	828	1242.15	82.81
60	1047	1569.9	104.66
61	500	1473.3	98.22
62	0	1123.65	74.91
63	240	332.55	22.17
64	121	139.65	9.31
65	346	445.7	23.18
66	1136	1360.35	90.69
67	0	281.85	18.79
68	455	843	56.2
69	634	596.75	29.63
70	419	1255.8	83.72
71	272	823.5	54.9
72	300	552.15	36.81
73	0	0	0
74	260	1286.85	85.79
75	499	1047	69.8
76	250	319.95	21.33
77	50	103.5	6.9
78	200	325.2	21.68
79	499	759	50.6
80	25	242.95	49.53
81	350	518.25	34.55
82	250	608.25	40.55
83	385	975.45	65.03
84	104	861.6	57.44
85	591	547.25	21.89
86	227	469.65	22.71
87	500	630.6	42.04
88	300	350.55	23.37
89	200	274.35	18.29
TOTALS	29418	59730.9	3647.28

ATTACHMENT NO. 1

SUMMARY TABLE

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TABLE 11B(i): CUSTOMER LIST & REQUIREMENT OF CUSTOMERS LANDS FOR FERTILISER P, and THE VOLUME OF PIG MANURE TO FILL THAT REQUIREMENT.

Farmers Code	Townlands in which manure may be used	Area ha	No Plots	P kg/yr	Manure m ³ /year
1	Emmel East, Carrick, Clogh Jordan Park	0	1 to 13	0.00	0
2	Snugborough, Ballyknockane	34.15	1 to 9	512.25	351
3	Ballinorouan, Bunacum, Clynoe, Cullenswaine, Rath	0	1 to 12	0.00	0
4	Cullenwaine	0	1 to 7	0.00	0
5	Stoneyacre, Ballyknockane	14.2	1 to 4	355.00	401
6	Park	0	1 to 6	0.00	0
7	Park	0	1 to 7	0.00	0
8	Ballysteena, Barna	0	1 to 9	0.00	0
9	Rathmoyle, Newtown	0	1 to 4	0.00	0
10	Capple	0	1 to 6	0.00	0
11	Kilruane, Ballyrickard	0	1 to 6	0.00	0
12	Coolnamunna	66.91	1 to 8	1192.25	800
13	Coole	0	1,3	0.00	0
15	Cloneen Upper	0	1 to 9	0.00	0
16	Ballydonagh	79.57	1 to 6	1193.55	275
17	Corowle, , Clashaniskera, Coolnamunna	0	1 to 23	0.00	0
18	Graigue Lower	0	1,2	0.00	0
19	Kilcona, Killinafinch, Olderry, Oldcourt, Kilkeary	148.27	1 to 25	2224.05	1446
20	Stoneyacre	19.82	1 to 12	297.30	220
21	Grenanstown	0	1 to 7	0.00	0
22	Kylebeg, Milton, Behernagh, Gortaval	252	1 to 14	6300.00	2381
24	Rathenny	78.87	0	1183.05	631
		0		0.00	0
		0		0.00	0
		0		0.00	0
		0		0.00	0
29	Rathenny	141.32	1 to 14	2431.10	1883
30	Rathenny	47.88	1 to 7	718.20	199
31	Rathenny	91.98	1 to 11	1618.70	1619
32	Knockbrack	14.11	1,2	352.75	440
33	Coolaholliga, Moyroe	54.76	1 to 13	821.40	360
34	Southhill, Carigeen, Rapla South	64.67	1 to 17,	970.05	100
35	Knockanacree, Gortaval	56.6	1 to 8	849.00	340
36	Carrick, Clonalea	54.7	1 to 17,	820.50	656
37	Rathenny	0	1,2	0.00	0
38	Clash	0	1 to 3	0.00	0
39	Woodville	0	1 to 3	0.00	0
40	Stoneyacre	19.43		291.45	250
41	Dolla, Beaclave	44.94	1 to 9	674.10	449
42	Lisgarriff East, Rathnaleen South	57.3	1 to 15	907.50	198
43	Islandwood	72.74	23 to 31b	1091.10	364

44	Skehanagh, Coolroe, aghnagross, Cangor Demense, Druminduff	118.3	1 to 15	2211.20	831
46	Rathmore, Killeen	140.26		2103.90	1033
47	Cangort Park	122	1 to 12	1689.00	167
48	Ballytortan, Rusheen, Kilcomin, Ballytoran	69.84	1 to 11	1082.90	453
49	Falleen	21.6	1 t 3	324.00	216
50	Emmel East, Carrick,CloghJordan Park	91.08	1 t 12	1366.20	820
51	Ballynakill, Foxborough, , Busherstown	44.57	1 to 7	668.55	454
52	Brownstown, Ballymackey	51.87	1 to 6	778.05	259
53	Brownstown, Ballymackey	29.25	1 to 5	438.75	180
54	CloughJordan	26.97	1 to 5	404.55	119
55	Streamstown	15.68	1 to 3	235.20	50
56	Rathenny	61.4	1 to 8	921.00	150
57	Rathenny	t	1 to 4	502.50	335
58	Rathenny	22.74	1 to 3	341.10	0
59	Rathenny	82.81	1 to 11	1242.15	828
60	Coolderry, Rathnaleen Nth. Grennanestown,	104.66	1 to 14	1569.90	1047
61	Graffan	98.22	1 to 8	1473.30	500
62	Templepark	74.91	1 to 8	1123.65	0
63	Lisgan	22.17	1 to 4	332.55	240
64	Moanfin, Lisgarode	9.31	1 2	139.65	121
65	Ballinveny, Rath,	23.18	1 to 3	445.70	346
66	Emmel East, Emmel West, Gorraun,	90.60	1 to 12	1360.35	1136.00
67	Behamore	18.79	1 to 3	281.85	0.00
68	Kildangan	56.20	1 to 8	843.00	455.00
69	Ballinaclough	29.63	1 to 4	596.75	634.00
70	Behamore	83.72	1 to 14	1255.80	419.00
71	Curraghgraique Lower, Millbrook	54.90	1 to 5	823.50	272.00
72	Ballynakill, Moneygall, island	36.81	1 to 6	552.15	300.00
73	Rathkenny	0.00	0.00	0.00	0.00
74	Knocknacree, Garry, Drum	85.79	1 to 8	1286.85	260.00
75	Ballinakill, Rabbitborro,Woodhill	69.80	1 to 8	1047.00	499.00
76	Moneygall, Armyhill	21.33	1 to 5	319.95	250.00
77	Knockane	6.90	1 to 3	103.50	50.00
78	Lissanisky	21.68	1 to 4	325.20	200.00
79	Summerhill	50.60	1 to7	759.00	499.00
80	Garraunanearla	49.53	1 to 5	742.95	25.00
81	Bawn	34.55	1 to 4	518.25	350.00
82	Clonteige, Clonolea	40.55	1 to 8	608.25	250.00
83	Glenaguile	65.03	1 to 10	975.45	385.00
84	Poulakerry	57.44	1 to 6	861.60	104.00
85	Emenis	21.89	1 to 4	547.25	591.00
86	Killurane	22.71	1 to 3	469.65	227.00
87	Ballyhogan, Ballyanny Upper	42.04	1 to 4	630.60	500.00
88	Lisatunny	23.37	1 to 7	350.55	300.00
89	Killowney Little	18.29	1 to 3	274.35	200.00
TOTALS		3647.28		59730.90	29418

**TIM CULLINANE NMP 2010 SUMMARY N
ORGANIC N LEVELS OF CUSTOMER FARMS 2010**

F.C.	ALLOCATION M3	AVG KGS ORG N/Ha (1)	AVG KGS ORG N/Ha (2)	AREA (Ha)
1	0	#DIV/0!	#DIV/0!	0
2	351	168.67	125.51	34.15
3	0	#DIV/0!	#DIV/0!	0
4	0	#DIV/0!	#DIV/0!	0
5	401	36.33	0.00	14.2
6	0	#DIV/0!	#DIV/0!	0
7	0	#DIV/0!	#DIV/0!	0
8	0	#DIV/0!	#DIV/0!	0
9	0	#DIV/0!	#DIV/0!	0
10	0	#DIV/0!	#DIV/0!	0
11	0	#DIV/0!	#DIV/0!	0
12	800	100.13	51.11	66.91
13	0	#DIV/0!	#DIV/0!	0
15	0	#DIV/0!	#DIV/0!	0
16	275	109.81	95.64	79.57
17	0	#DIV/0!	#DIV/0!	0
18	0	#DIV/0!	#DIV/0!	0
19	1446	146.95	106.97	148.27
20	220	127.50	81.99	19.82
21	0	#DIV/0!	#DIV/0!	0
22	2381	39.09	0.35	252
24	631	109.47	76.67	78.87
25	0	#DIV/0!	#DIV/0!	0
26	0	#DIV/0!	#DIV/0!	0
27	0	#DIV/0!	#DIV/0!	0
28	0	#DIV/0!	#DIV/0!	0
29	1883	113.15	58.52	141.32
30	199	105.64	88.60	47.88
31	1619	154.63	82.46	91.98
32	440	127.85	0.00	14.11
33	360	167.80	140.85	54.76
34	100	140.48	134.14	64.67
35	340	104.65	80.02	56.6
36	656	118.35	69.18	54.7
38	0	#DIV/0!	#DIV/0!	0
39	0	#DIV/0!	#DIV/0!	0
40	250	124.09	71.33	19.43
41	449	110.28	69.31	44.94
42	198	169.49	155.32	57.3
43	364	103.19	82.68	72.74
44	831	163.34	134.54	118.3
46	1033	167.36	137.17	140.26
47	167	169.87	164.26	122
48	453	167.52	140.92	69.84
49	216	165.77	124.77	21.6
50	820	149.46	112.55	91.08
51	454	113.18	71.42	44.57
52	259	95.95	75.48	51.87
53	180	123.18	97.95	29.25
54	119	149.16	131.07	26.97
55	50	163.58	150.51	15.68
56	150	75.80	65.78	61.4
57	335	135.39	94.39	33.5
58	0	114.25	114.25	22.74

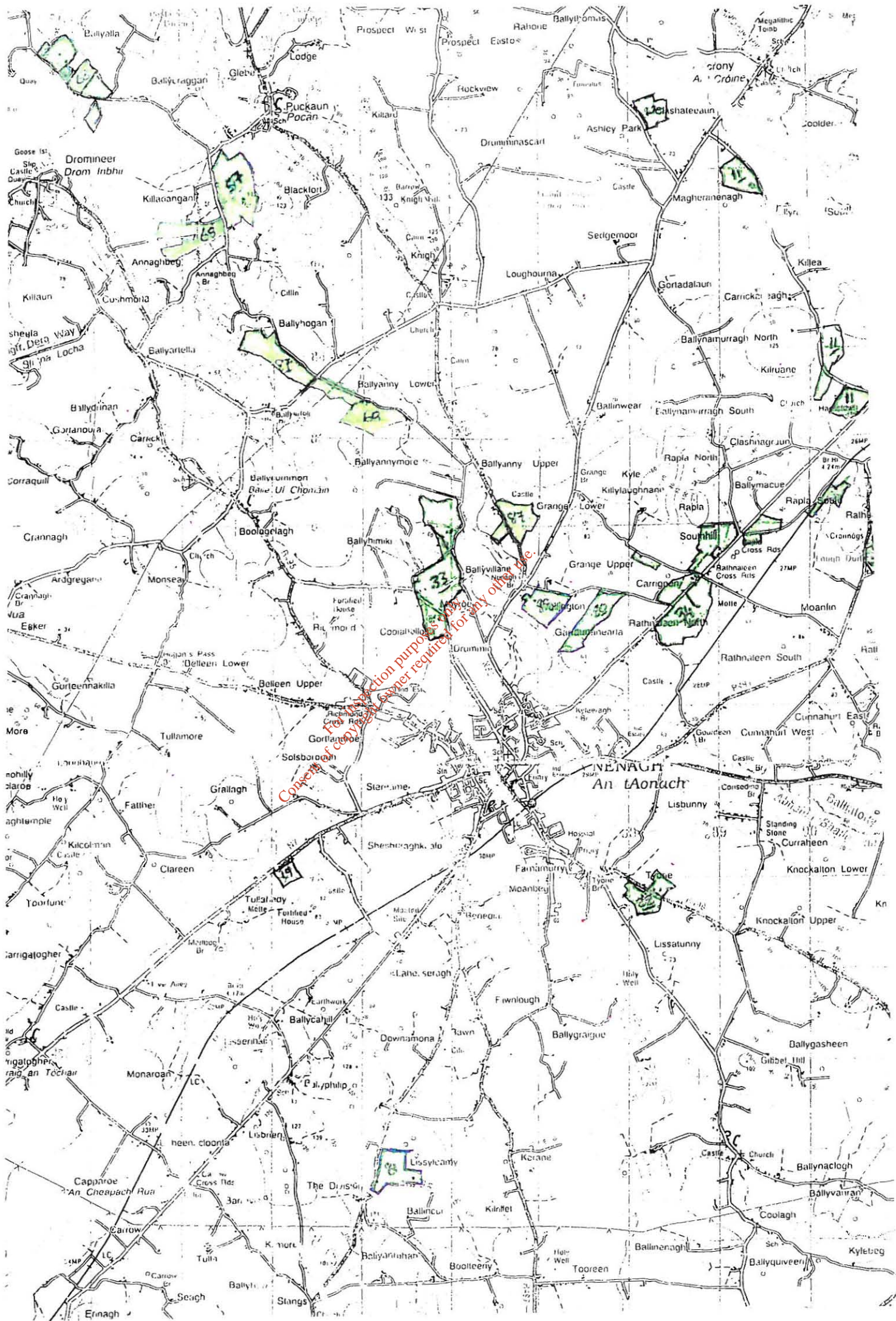
59	828	119.67	78.67	82.81
60	1047	135.04	94.03	104.66
61	500	60.48	39.60	98.22
62	0	51.93	51.93	74.91
63	240	146.77	102.39	22.17
64	121	130.30	77.01	9.31
65	346	124.18	62.99	23.18
66	1136	142.66	91.30	90.69
67	0	152.32	152.32	18.79
68	455	33.19	0.00	56.2
69	634	135.65	47.92	29.63
70	419	154.51	154.51	83.72
71	272	153.28	132.97	54.9
72	300	144.63	111.22	36.81
73	0	#DIV/0!	#DIV/0!	0
74	260	90.23	77.81	85.79
75	499	103.09	73.78	69.8
76	250	129.25	81.20	21.33
77	50	153.62	123.91	6.9
78	200	134.78	96.96	21.68
79	499	124.52	84.09	50.6
80	25	169.24	167.17	49.53
81	350	102.60	61.07	34.55
82	250	94.65	69.37	40.55
83	385	101.47	77.20	65.03
84	104	135.99	128.57	57.44
85	591	110.69	0.00	21.89
86	227	133.89	92.91	22.71
87	500	75.31	26.55	42.04
88	300	125.80	73.17	23.37
89	200	60.42	15.58	18.29
TOTALS	29418			3680.78

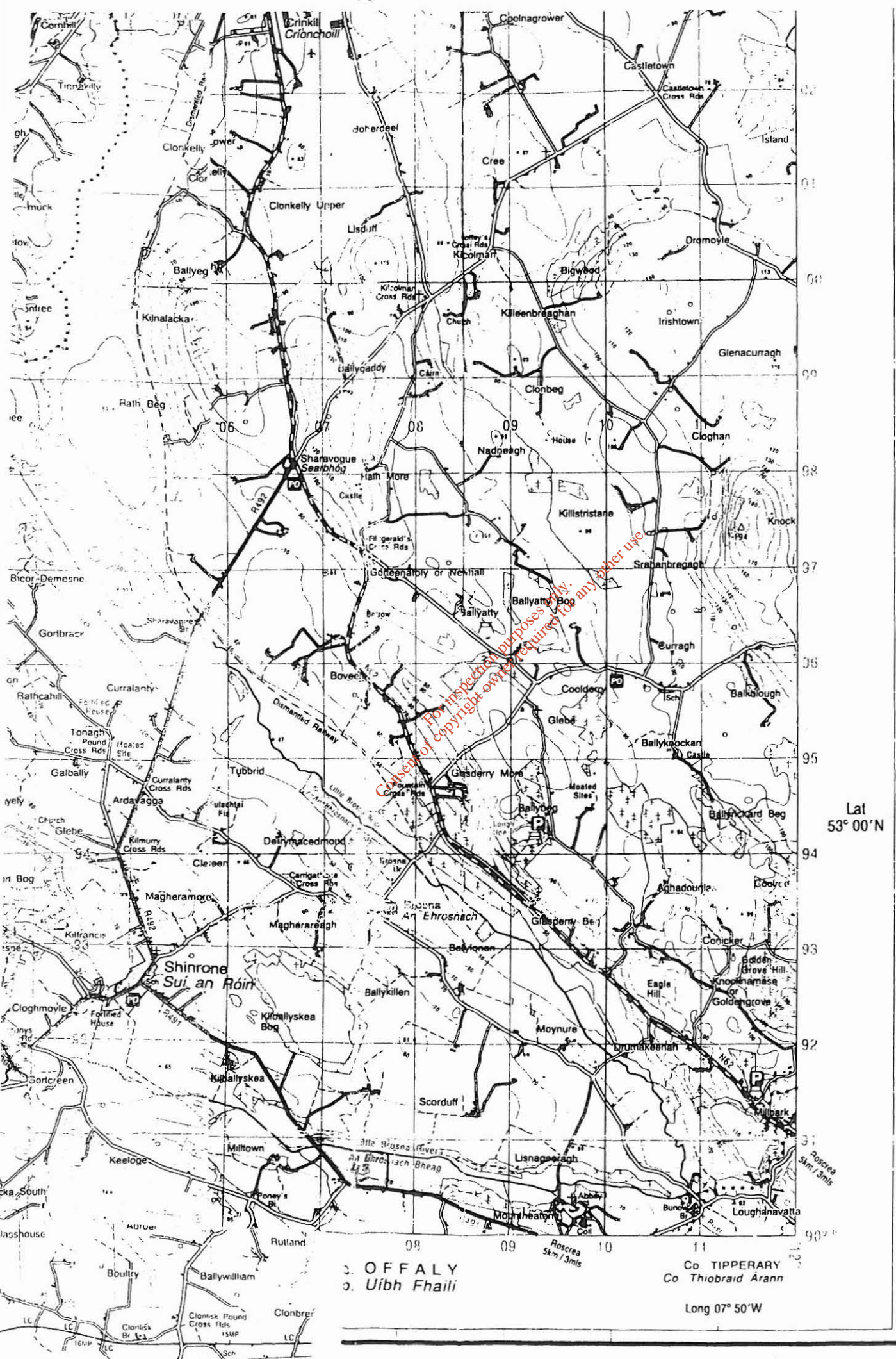
NOTE 1: TOTAL KGS ORG N/Ha INCLUDING IMPORTED PIG MANURE
NOTE 2: KGS ORG N/Ha FROM ON FARM STOCK

ATTACHMENT NO 2

COMPOSITE MAP

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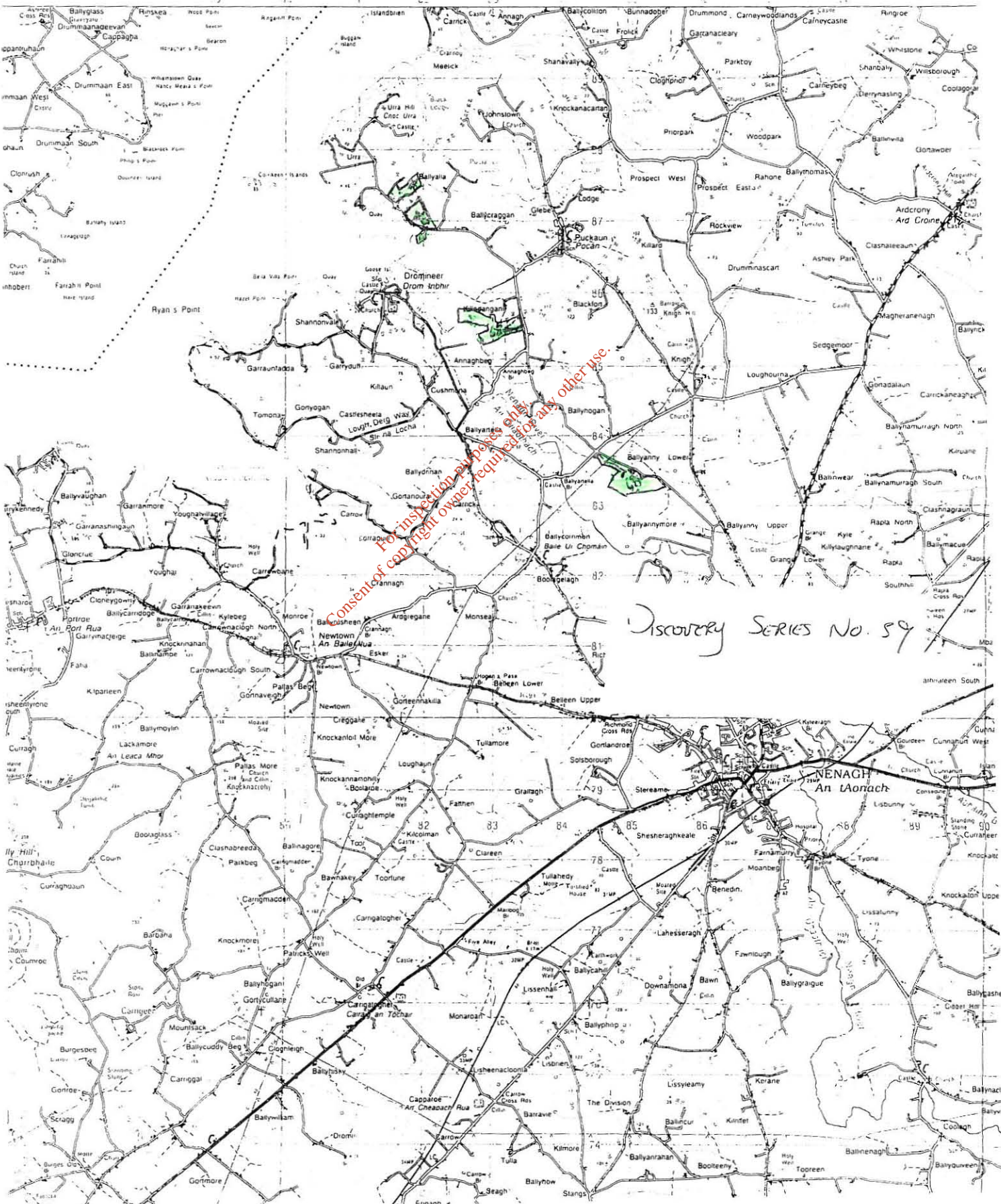
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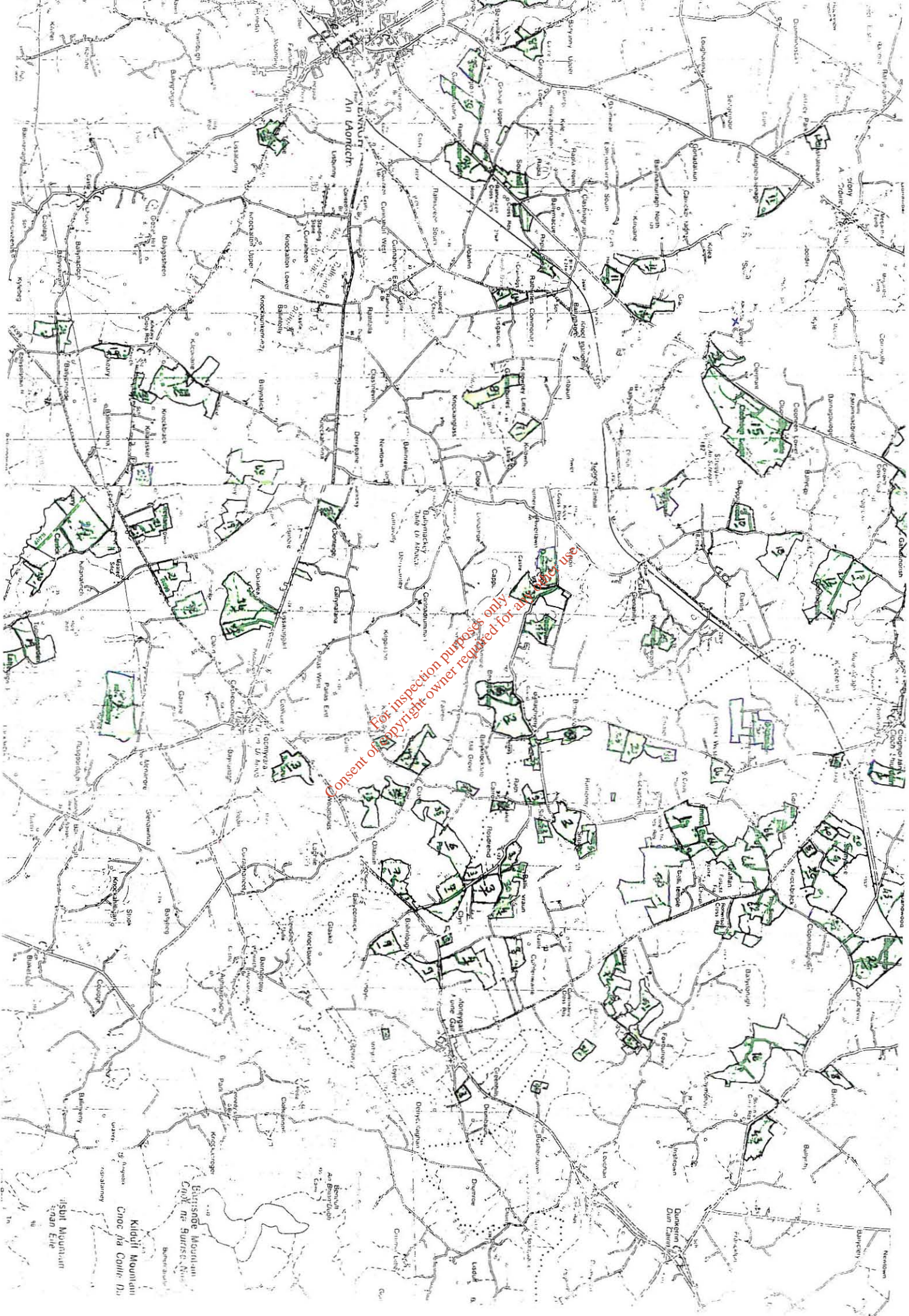
Co TIPPERARY
Co Thiobraid Árann

Long 07° 50'W

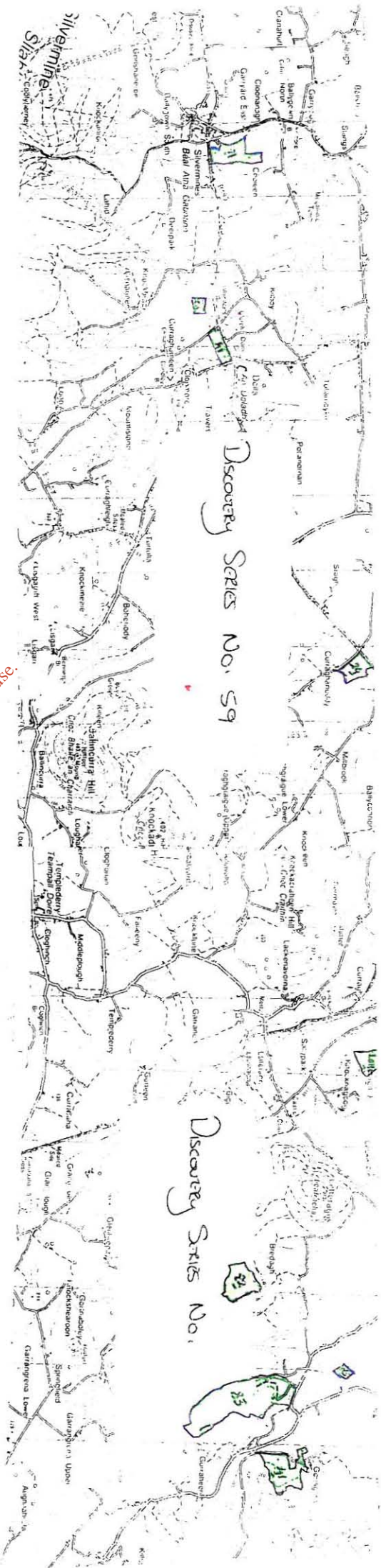
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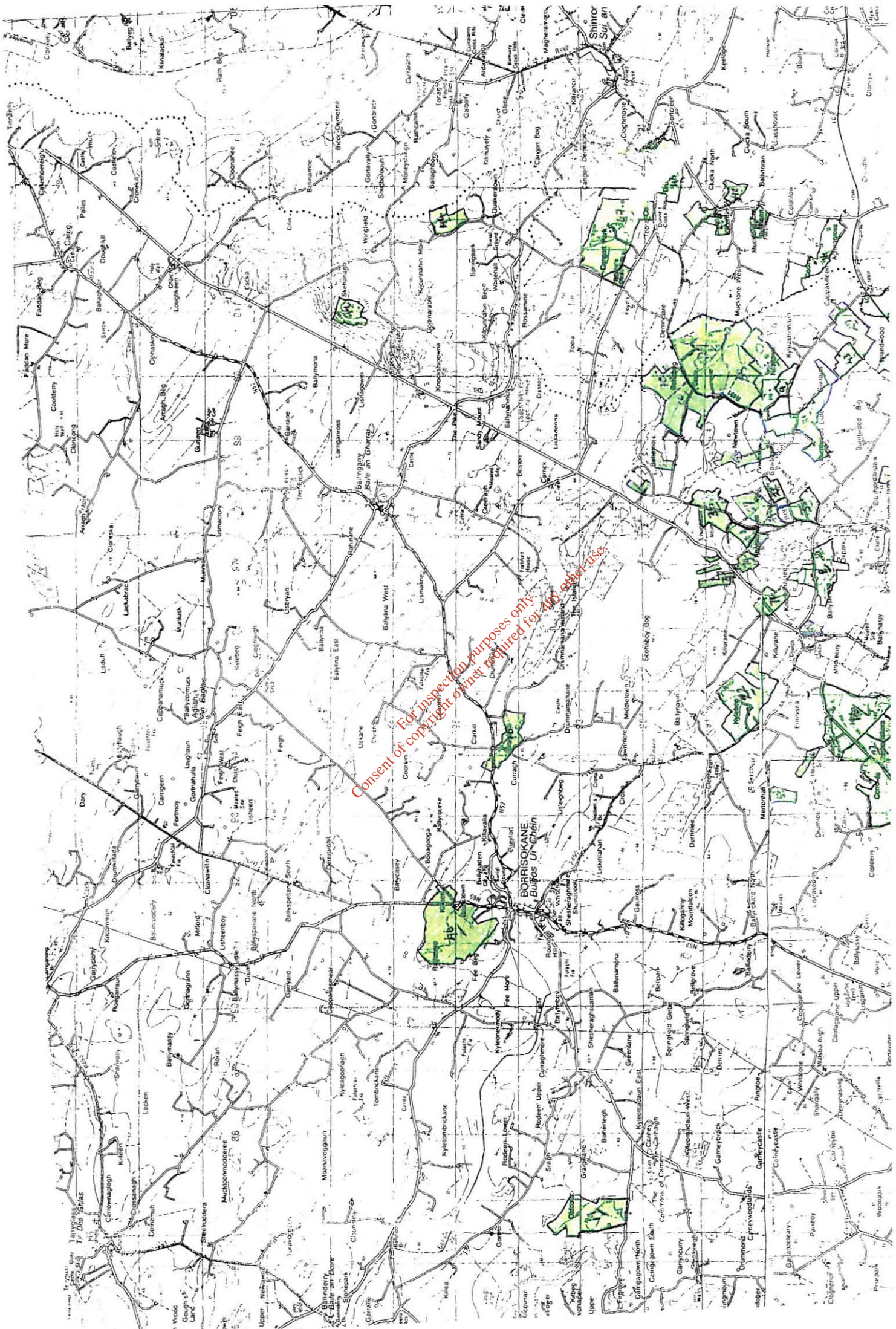




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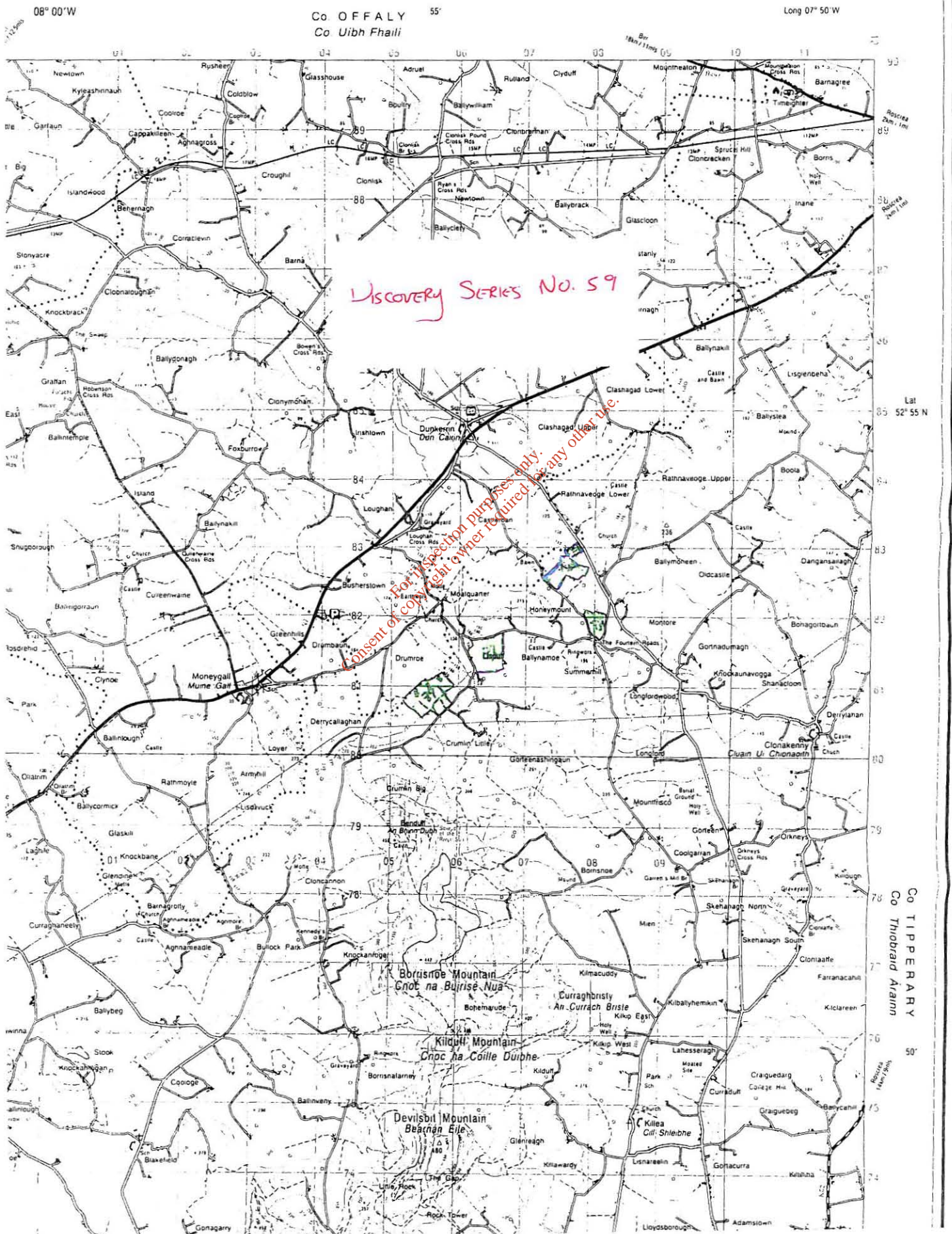


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DISCOVERY SERIES 59



WOODVILLE PIG FARMS LTD
NMP 2010

ATTACHMENT NO 3

INDIVIDUAL FARM FERTILISER PLANS

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NRGE LTD
MOORESFORT
LATTIN
CO TIPPERARY

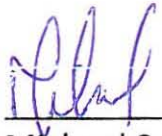
TEL: 062-55385
FAX: 062-55483
EMAIL: m.sweeney@nrge.ie

RE: INDIVIDUAL NMP PLANS FOR CUSTOMER FARMS

TO WHOM IT MAY CONCERN

The individual fertilizer plans (Nutrient Management Plans), are maintained on site for inspection during normal working hours, by any relevant authorities.

Yours Sincerely



Michael Sweeney
NRGE Ltd

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N.R.G.E. Ltd.
Nutrient Recovery to Generate Electricity Ltd.
Moorestfort, Lattin, Co. Tipperary.
Tel: 062 55385
VAT. No: 6412619V



MICHAEL SWEENEY
NUTRIENT RECOVERY TO GENERATE ELECTRICITY LTD
MOORESFORT
LATTIN
CO TIPPERARY


TO WHOM IT MAY CONCERN

I have completed Fertilizer Plans for Farm Codes attached, to recover Pig Manure from Woodville Pig Farm (IPC License Ref P0467-01), during 2010. These Plans comply with the requirements of the European Communities (Good Agricultural Practice for Protection of Waters) Regulations, S.I. No 378 of 2006.

Summary Information of the customer list of farms, whereupon this pig manure is to be recovered, is attached, and a more detailed report is available on site for inspection by any relevant authority.

In my professional opinion, pig manure may be used to fertilize any of the farms included, and the application of pig manure from the above referenced IPPC Licensed facility, in accordance with the allocations set out, and in a manner that complies with the European Communities (Good Agricultural Practice for Protection of Waters) Regulations S.I. No 378 of 2006, will not cause, and is not likely to cause, significant environmental pollution.

Signed


MICHAEL SWEENEY
TEAGASC/FBA/FMR MGR
JANUARY 2010

N.R.G.E. Ltd.
Nutrient Recovery to Generate Electricity Ltd.
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