

**SUBMISSION TO  
WAIKATO REGIONAL COUNCIL**

ON THE PROPOSED WAIKATO REGIONAL PLAN CHANGE 1 –  
WAIKATO AND WAIPA RIVER CATCHMENTS

FROM NEW ZEALAND INSTITUTE OF PRIMARY INDUSTRY  
MANAGEMENT- WAIKATO BRANCH

21<sup>st</sup> FEBRUARY 2016

# NZIPIIM- Waikato Branch Submission on Proposed Waikato Regional Plan Change 1 – Waikato and Waipa River Catchments

Full Name of Submitter	New Zealand Institute of Primary Industry Management (NZIPIIM) - Waikato Branch
Authorised by	Graham Parker Chairperson NZIPIIM- Waikato Branch
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- I confirm that I am authorised on behalf of the Waikato Branch of NZIPIIM to make this submission.
- The Waikato Branch of NZIPIIM wishes to be heard in support of this submission.
- The Waikato Branch of NZIPIIM will not gain a trade competition advantage through this submission.

Signed on behalf of NZIPIIM - Waikato Branch

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Graham Parker  
Chairperson, NZIPIIM - Waikato Branch

# 1. Introduction

- 1.1. The Waikato Branch of the New Zealand Institute of Primary Industry Management (NZIPIM) welcomes the opportunity to submit on the Proposed Waikato Regional Plan Change 1 – Waikato and Waipa River Catchments (the Plan Change). The Waikato Branch of NZIPIM would like to acknowledge the excellent work from the Waikato Regional Council and Waikato and Waipa River iwi in the Plan Change to date.
- 1.2. NZIPIM is the peak industry body for the rural profession. NZIPIM has approximately 1,000 members from a diverse range of occupations, including; farm management advisors, rural bankers, farm accountants, fertiliser consultants, rural valuers, representatives from industry good organisations, CRIs, universities, local government officials, and agribusiness service providers. In addition to this, there is also approximately 300 university student members involved in agricultural related courses.
- 1.3. This submission has been developed on behalf of the members of the Waikato Branch of NZIPIM. The Waikato Branch of NZIPIM is 192 members, as at the end of February 2017.
- 1.4. The core purpose of NZIPIM is to build the capability and capacity of rural professionals within New Zealand's primary industries. One of the strategic platforms to achieve this purpose is professional development, in particular to develop and support professional development programmes that build the capability of members and are aligned with their career aspirations. One of the main initiatives related to this is to provide programmes in areas where competency gaps are identified.
- 1.5. We look forward to maintaining good working relationships with the Council during the First Schedule process and contributing to collaborative solutions to achieve the desired outcomes of the overall Plan Change.

## 2. Submission summary

- 2.1. The Waikato Branch of NZIPIM supports the overall intent of the Plan Change and the overall Vision and Strategy for the Waikato and Waipa River Catchments.
- 2.2. The Waikato Branch of NZIPIM does not wish to comment, refute, or endorse areas of the Plan Change outside of the scope we have identified in this submission.
- 2.3. The Waikato Branch of NZIPIM acknowledges that farm nitrogen reference points and farm environment plans must be carried out by suitable qualified professionals to ensure the best outcomes for farmers and the community in achieving the objectives in the Plan Change.
- 2.4. To meet the objectives in the Plan Change by the required timelines there must be enough suitably qualified certified farm nutrient advisors and certified farm environmental planners. Therefore the Waikato Branch of NZIPIM seeks amendments

to the definitions of certified farm nutrient advisors and certified farm environmental planners.

2.5. The Waikato Branch of NZIPIM would also like to see clarification on how the certified farm environment plans will be audited.

2.6. In our submission we have specified matters that we wish to see retained in the Plan Change and a range of detailed matters that we wish WRC to amend.

### 3. Decision sought

3.1. The Waikato Branch of NZIPIM seeks the following decision on its submission on the Plan Change:

- That the Waikato Regional Council accept the amendments to the Plan Change that are referred to in Appendix 1 of this submission, where suggested deletions to existing text are struck-through and new text is underlined, and;
- The ability to participate in the process should the amendments we provide be adopted, or should the Plan Change be varied.

### 4. Overview of topics covered in the submission

4.1. The definition of a Certified Farm Environment Planner (CFEP). [Page 79]

4.2. The definition of a Certified Farm Nutrient Advisor (CFNA). [Page 80]

4.3. A defined method for the implementation of an audit scheme for Farm Environment Plans (FEP). [Page 36]

# Appendix 1: Plan Change provisions supported or opposed, reasons and decision sought

Section of Plan Change	Provision and page number	Support Or Oppose	Decision Sought
Definitions	Page 79	Support with amendments	<p><b>Definition – Certified Farm Environment Planner</b>  <b>Certified Farm Environment Planner:</b> is a person or entity certified by the Chief Executive Officer of Waikato Regional Council and listed on the Waikato Regional Council website as a Certified Farm Environment Planner and has as a minimum the following qualifications and experience:</p> <ul style="list-style-type: none"> <li>a. five years relevant experience in <u>agricultural and horticultural</u> <del>the management of pastoral, horticulture or arable</del> farm systems; and</li> <li>b. completed advanced training or a tertiary qualification in sustainable nutrient management (nitrogen and phosphorus); and</li> <li>c. <u>has either completed training that demonstrates that they are competent to complete the sediment and microbial risk assessments and mitigation identification in Farm Environment Plans, or has</u> experience in soil conservation and sediment management.</li> </ul>
<b>Reason for submission</b>			
<p>The Waikato Branch of NZIPIM believes that Farm Environment Plans (FEPs) need to be completed by skilled persons as these will have a significant impact on farms into the future. However there needs to be a balance between this and the quantity of people available who can complete FEPs.</p> <p>These FEPs will have a significant impact on farms and how they are able to be managed in the future. The Council requires that the farming activity provides the Council with a FEP (Rule 3.11.5.3 and 3.11.5.4), which details how the farming activity will manage and mitigate the losses of nitrogen, phosphorus, sediment and microbial pathogens. Therefore, FEPs will become a requirement for around 6,000 farms in order for them to gain consent as a controlled activity and will influence how that business operates into the future.</p> <p>Based on the significance of these FEPs, the Waikato Branch of NZIPIM believes they must be carried out by a suitably qualified person. In particular, one that farmers/landowners and WRC can rely on to have a high level of technical competence. Actions detailed in a FEP will have implications on other areas of the farm business, therefore certified Farm Environment Planners must have significant farm systems knowledge, in particular, the interaction of environmental mitigation actions and the wider farm system. Certified Farm Environment Planners must also act with integrity and professionalism. Therefore, the Waikato Branch of NZIPIM supports having a strong criteria for certified Farm Environment Planners.</p>			

However, this needs to be balanced with the availability of suitable people in order to meet the timelines set out in Rule 3.11.5.3 and 3.11.5.4 in the Plan Change. WRC estimates that there will be a requirement to complete approximately 6,000 by 2026. If farmers cannot access certified Farm Environment Planners to meet the timelines specified in Rule 3.11.5.3 and 3.11.5.4, farmers will be unfairly penalised, as they must complete their FEP to a standard suitable for WRC.

### **Survey**

To gain an understanding of the ability of FEPs to be delivered, the Waikato Branch of NZIPIM conducted a survey of members in the Waikato and Bay of Plenty regions to ascertain the quantity of members who are currently able, or would be able to be certified farm environment planners by 2020. The full results are included as Appendix 2. The results of this survey show that:

Of the 93 respondents, 35 (38%) said they planned to write FEPs.

Of these people, the following data levels were recorded:

- 16 (47%) would meet the current requirements as a Certified Farm Environment Planner
- 21 (62%) would meet the current requirements as a Certified Farm Nutrient advisor
- 19 (59%) plan to gain certification as a Certified Farm Environment Planner by June 2020
- 21 (64%) plan to gain certification as a Certified Farm Nutrient Advisor by June 2020
- 21 (64%) have completed advanced training in sustainable nutrient management

Experience in Farm Systems Management is high based on survey responses:

- 85% have 4+ years in Dairy Farm Systems Management
- 73% have 4+ years experience in Sheep & Beef Farm Systems Management
- 52% have 4+ years experience in Arable farm systems
- 42% HAVE 4+ years experience in Horticultural farm systems

Twenty three respondents identified capability gaps they would need to write FEPs. Eleven were specifically around soil conservation experience.

Eighteen respondents identified potential aspects that would hold them back, or limit their ability or interest to prepare FEPs under the proposed requirements. The key themes were:

- Time (six responses): restraints, priority in relation to other work, (time it takes for the) implementation of strategy and/or to gain certification
- Resources (four responses): cost for training, requires changes to employment/establishment of a business, liability insurance restrictions, supply of alternate work, cost for planners, investments to meet plan, cost benefit analysis based on proposed framework is untenable
- Clarity (two responses): path and requirements, clearly defined template that gets the right outcome
- Feasibility (one response): practicalities of implementation

## **Recommendations**

While the Waikato Branch of NZIPIM acknowledges that FEPs could be conducted by those who are not certified but then signed off by a certified person under rule 3.11.5.3 in the Plan Change, there still has to be enough certified farm environment planners to complete the FEPs for farmers who choose to pursue their own certified planners.

In order to balance the requirements for high quality FEPs and having enough people certified to meet the amount required in the Plan Change, the Waikato Branch of NZIPIM recommends the revised definition is adopted.

The Waikato Branch of NZIPIM recommends that 'five years experience in the management of pastoral, horticulture or arable farm systems' is changed to 'five years relevant experience in agricultural and horticultural farm systems'. This change reflects the belief of the Waikato Branch of NZIPIM that the definition of management was too narrow and excluded people such as farm consultants who have experience in farm systems but may not have been managing farms. The change to agricultural and horticultural farm systems reflects the wider range of potential farm system types in the catchment, such as poultry farms. Overall, the Waikato Branch of NZIPIM believes this revised definition is clearer for implementation.

The Waikato Branch of NZIPIM recommends that 'completed advanced training or a tertiary qualification in sustainable nutrient management (nitrogen and phosphorus)' is changed to 'completed advanced training or a tertiary qualification in sustainable nutrient management'. This change reflects the fact that there is not a current course in New Zealand that is focused on just nitrogen and phosphorus management, most nutrient management courses are focused on a wider range of nutrients such as sulphur and potassium, which reflects the integrated nature of farm systems and the need to consider nutrient management in the context of the whole farm system.

The Waikato Branch of NZIPIM recommends that 'experience in soil conservation and sediment management' is changed to 'has either completed training that demonstrates that they are competent to complete the sediment and microbial risk assessments and mitigation identification in Farm Environment Plans, or has experience in soil conservation and sediment management'. This change reflects the current lack of people with soil conservation experience and the need to provide a training opportunity in order to ensure there are enough certified farm environment planners. It was considered important certified farm environment planners have soil conservation knowledge as this is important to help minimise the risk of sediment, microbial pathogens and nutrients entering waterways.

Combined these changes to the definition of a certified environmental planner will help ensure a balance between ensuring quality FEPs are created and that there is enough people certified to do these before the deadlines in the Plan Change.

The Waikato Branch of NZIPIM would like to be continue to work, and offer support to, WRC in order to help ensure there are enough, suitably qualified certified farm environment planners to complete high quality FEPs and therefore, help implement the vision and strategy for the Waikato and Waipa River catchment.

<b>Section of Plan Change</b>	<b>Provision and page number</b>	<b>Support Or Oppose</b>	<b>Decision Sought</b>
Definitions	Page 80	Support with amendments	<p><b>Definition – Certified Farm Nutrient Advisor</b></p> <p><b>Certified Farm Nutrient Advisor:</b> is a person certified by the Chief Executive Officer of Waikato Regional Council and listed on the Waikato Regional Council website as a certified farm nutrient advisor and has the following qualifications and experience:</p> <ul style="list-style-type: none"> <li>a. Has completed nutrient management to at least intermediate level, and</li> <li>b. Has <u>a minimum of two years</u> experience in nutrient management planning.</li> </ul>
<b>Reason for submission</b>			
<p>Nitrogen reference points (NRP) will have a significant impact on farming activities. These numbers will dictate the nitrogen leaching level that a farming activity is allowed to operate under for the duration of the consent for that farming activity. Therefore the Waikato Branch of NZIPIIM considers it important that these are done by people with technical skills to ensure these numbers are robust. The NRPs will also impact on the whole sub-catchment as they will be used to determine the 75th percentile, and therefore high nitrogen leaching farms will have to reduce their nitrogen leaching.</p> <p>Because of these reasons the Waikato Branch of NZIPIIM believes there should be a requirement for a minimum of two years experience for certified nutrient advisors. The Waikato Branch of NZIPIIM does not believe this will increase the risk of not meeting the required timelines for NRPs by significantly reducing the number of possible certified farm nutrient advisors.</p> <p>As previously indicated, NZIPIIM Waikato Branch survey indicated 62% of the 35 respondents would meet the Certified Farm Nutrient Advisor requirements.</p>			

Section of Plan Change	Provision and page number	Support Or Oppose	Decision Sought
Implementation Methods	Method 3.11.4.3 Page 36 “Robust third party audit (independent of the farmer and certified Farm Environment Planner) and monitoring will be required.”	Support with amendments	The Waikato Branch of NZIPIM would like to see a method inserted into the Plan Change which defines the process for auditing of FEPs. As a professional body NZIPIM would be prepared to enter into discussions with the Waikato Regional Council and relevant stakeholders to help formulate a process to implement a clear and robust process to audit FEPs.

**Reason for submission**

Farm Environment Plans are a condition of consent and will have a significant impact on a farming business and how they operate in the future. Therefore, there is a requirement that they are of a high quality. All certified farm environment planners will approach a farm and create a FEP that is slightly different, including the identification and mitigation of risks. Because FEPs will differ across farms it is important that there is an auditing system in place to address variation across certified farm environment planners to help ensure quality and consistency.

Currently there is only brief mention of auditing in Method 3.11.4.3. The Waikato Branch of NZIPIM sees auditing as crucial to the integrity of the FEPs and therefore the overall objectives of the Plan Change. It is imperative that there is more information on this auditing process. As such, the Waikato Branch of NZIPIM recommends that more detail on the auditing process is included in the Plan Change as a separate method or as an additional schedule to Method 3.11.4.3. It is important to include this detail to ensure the auditing process is transparent and provide confidence in the FEP process and the use of FEPs in a regional plan.

NZIPIM has experience in the creation of certified schemes and also has a wealth of experienced rural professionals as registered members and members. Therefore the Waikato Branch of NZIPIM would be prepared to support WRC, and other key stakeholders, in their development of an auditing scheme that will help to ensure the integrity of the FEPs and therefore the objectives of the Plan Change.

## Appendix 2: Survey results

This survey of Waikato and Bay of Plenty members was completed to assist in determining members capacity and capability to complete Farm Environmental Plans (FEPs).

The survey was completed online, via SurveyMonkey, between 16-26 February 2017.

All members of NZIPIM affiliated to Waikato and Bay of Plenty Branches were surveyed.

246 members were surveyed, with 93 responding - a 38% response rate.

Those responding spend an average of 52% of their current work with individual farms (or farm businesses) doing advisory/consultancy work.

Of the 93 respondents, 35 (38%) said they planned to write FEPs.

Of these people, the following data levels were recorded:

- 16 (47%) would meet the current requirements as a Certified Farm Environment Planner
- 21 (62%) would meet the current requirements as a Certified Farm Nutrient Advisor
- 19 (59%) plan to gain certification as a Certified Farm Environment Planner by June 2020
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Experience in Farm Systems Management is high based on survey responses:

- 85% have 4+ years in Dairy Farm Systems Management
- 73% have 4+ years experience in Sheep & Beef Farm Systems Management
- 52% have 4+ years experience in Arable farm systems
- 42% HAVE 4+ years experience in Horticultural farm systems

Twenty three (23) respondents identified capability gaps they would need to meet to write FEPs. Eleven (11) Specifically around soil conservation experience.

### **Capacity**

Of those planning to complete FEPs available time and other work priorities are identified as the key constraints.

- Time (six responses): restraints, priority in relation to other work, (time it takes for the) implementation of strategy and/or to gain certification
- Resources (four responses): cost for training, requires changes to employment/establishment of a business, liability insurance restrictions, supply of

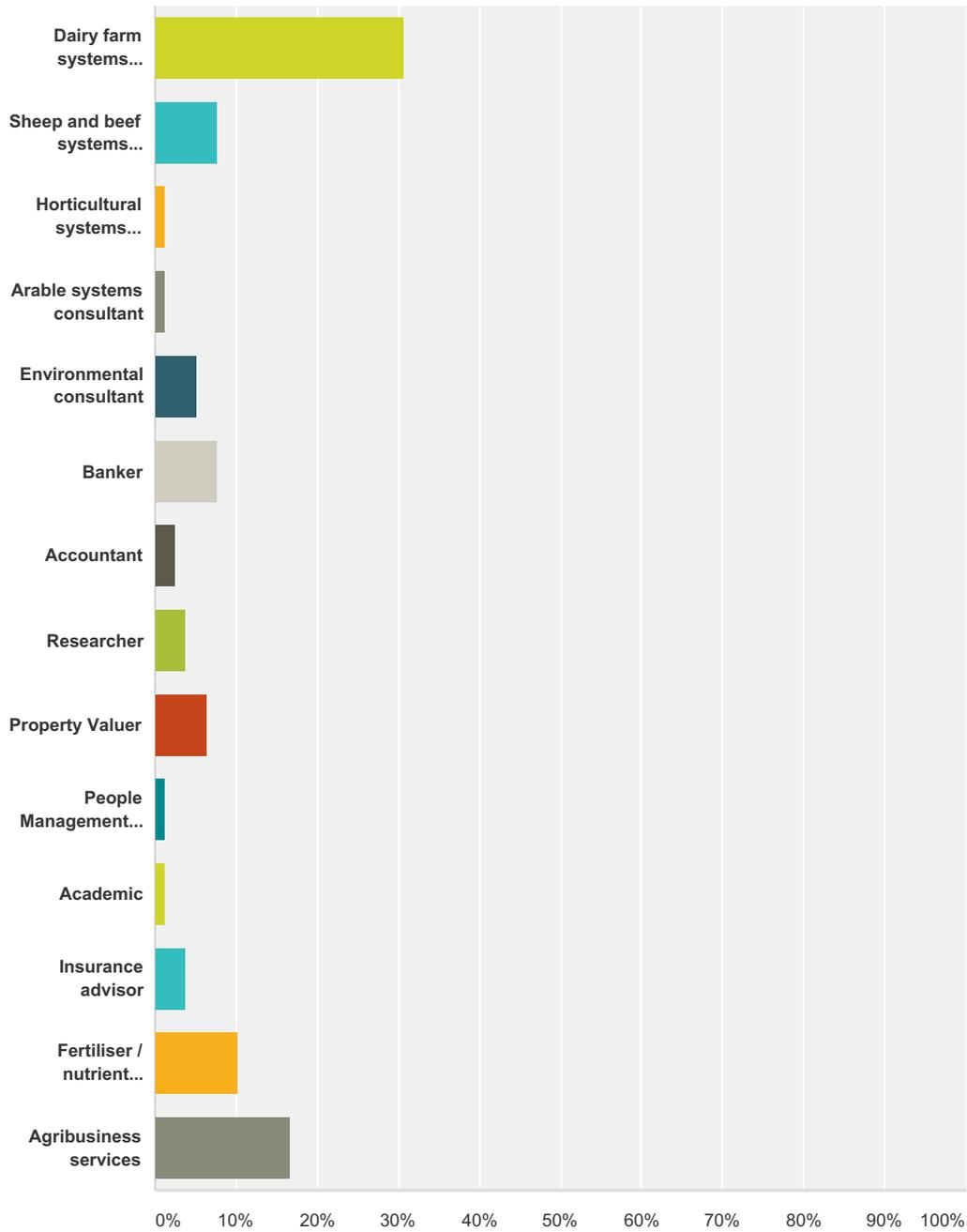
alternate work, cost for planners, investments to meet plan, cost benefit analysis based on proposed framework is untenable

- Clarity (two responses): path and requirements, clearly defined template that gets the right outcome
- Feasibility (one response): practicalities of implementation

The raw responses data is provided in the following pages. An optional question, requesting contact information of participants, has been omitted from the appendix to ensure confidentiality.

### Q1 What is your current occupation?

Answered: 78 Skipped: 15



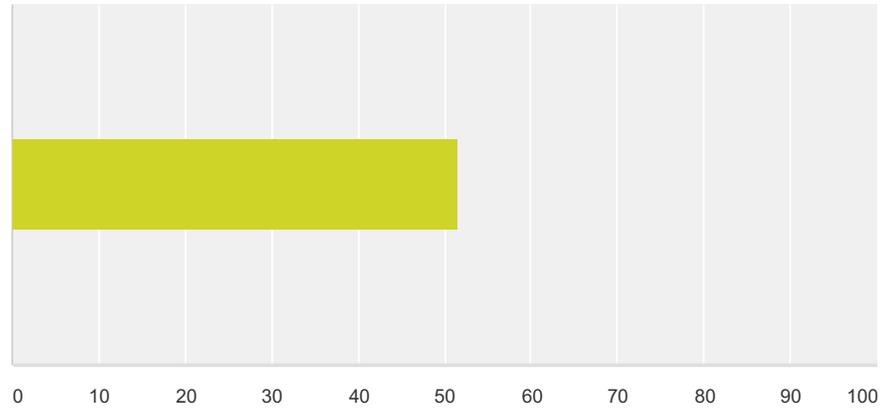
Answer Choices	Responses
Dairy farm systems consultant	30.77% 24
Sheep and beef systems consultant	7.69% 6
Horticultural systems consultant	1.28% 1
Arable systems consultant	1.28% 1
Environmental consultant	5.13% 4

Banker	7.69%	6
Accountant	2.56%	2
Researcher	3.85%	3
Property Valuer	6.41%	5
People Management Consultant	1.28%	1
Academic	1.28%	1
Insurance advisor	3.85%	3
Fertiliser / nutrient management advisor	10.26%	8
Agribusiness services	16.67%	13
<b>Total</b>		<b>78</b>

#	Other (please specify)	Date
1	Project Manager, dairy industry	2/23/2017 12:20 PM
2	Managing Director of a large consultancy company	2/23/2017 10:12 AM
3	DairyBase consultant	2/22/2017 3:38 PM
4	I don't charge for services provided as I work for DairyNZ	2/22/2017 10:45 AM
5	AgriBusiness Extension Manager	2/22/2017 10:10 AM
6	Herd Improvement Consultant	2/22/2017 8:58 AM
7	Genetic consultant	2/21/2017 3:51 PM
8	Farm Operations Manager	2/21/2017 2:45 PM
9	GM / CEO of Corporate Farm	2/21/2017 11:40 AM
10	Regional Council	2/20/2017 2:53 PM
11	farmer	2/18/2017 4:12 PM
12	And dairy work too	2/18/2017 12:50 PM
13	General agricultural consultant	2/17/2017 9:53 AM
14	Training to be able to do Environmental Farm Plans & Sustainable Milk Plans	2/17/2017 8:38 AM
15	applied researcher and environmental consultant	2/17/2017 8:25 AM
16	farm operations manager	2/17/2017 7:57 AM
17	Cropping (Arable and Horticultural production)also	2/17/2017 7:08 AM
18	DairyNZ	2/16/2017 7:07 PM
19	Environmental Economist	2/16/2017 6:33 PM
20	Seed	2/16/2017 5:41 PM

## Q2 What percentage of your current work is with individual farms (or farm businesses) doing advisory/consultancy services?

Answered: 91 Skipped: 2



Answer Choices	Average Number	Total Number	Responses
	52	4,689	91
<b>Total Respondents: 91</b>			

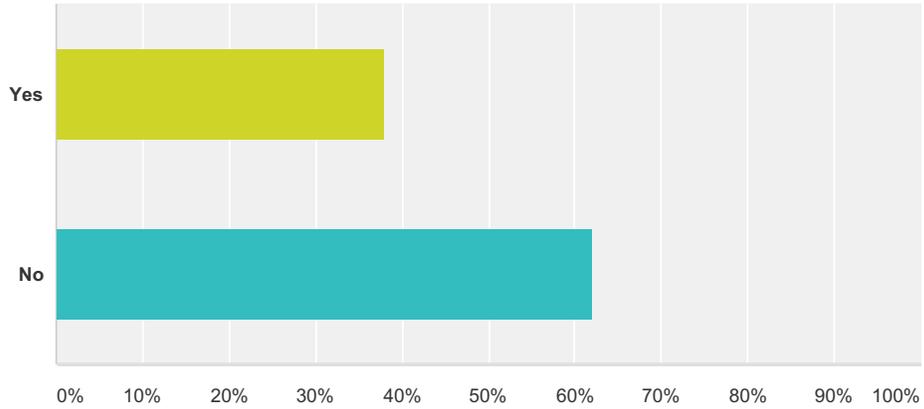
#		Date
1	54	2/24/2017 1:32 PM
2	3	2/23/2017 12:20 PM
3	5	2/23/2017 10:12 AM
4	91	2/23/2017 9:58 AM
5	100	2/23/2017 8:02 AM
6	25	2/22/2017 7:39 PM
7	60	2/22/2017 5:25 PM
8	0	2/22/2017 3:38 PM
9	100	2/22/2017 1:44 PM
10	74	2/22/2017 12:33 PM
11	75	2/22/2017 11:03 AM
12	60	2/22/2017 10:55 AM
13	90	2/22/2017 10:49 AM
14	15	2/22/2017 10:45 AM
15	5	2/22/2017 10:10 AM
16	100	2/22/2017 9:51 AM
17	86	2/22/2017 9:45 AM
18	75	2/22/2017 9:06 AM
19	100	2/22/2017 8:59 AM
20	25	2/22/2017 8:58 AM

21	70	2/22/2017 5:33 AM
22	10	2/21/2017 3:51 PM
23	4	2/21/2017 2:45 PM
24	90	2/21/2017 11:40 AM
25	100	2/21/2017 11:15 AM
26	50	2/21/2017 9:11 AM
27	50	2/20/2017 2:53 PM
28	91	2/20/2017 1:52 PM
29	100	2/20/2017 11:09 AM
30	12	2/20/2017 10:38 AM
31	20	2/20/2017 10:05 AM
32	50	2/20/2017 9:15 AM
33	50	2/20/2017 7:51 AM
34	31	2/20/2017 7:43 AM
35	20	2/20/2017 7:25 AM
36	20	2/19/2017 3:15 PM
37	75	2/19/2017 9:38 AM
38	20	2/19/2017 9:15 AM
39	0	2/18/2017 4:12 PM
40	89	2/18/2017 12:50 PM
41	50	2/18/2017 4:20 AM
42	0	2/17/2017 4:20 PM
43	40	2/17/2017 3:44 PM
44	10	2/17/2017 3:11 PM
45	10	2/17/2017 11:42 AM
46	50	2/17/2017 9:53 AM
47	100	2/17/2017 9:36 AM
48	10	2/17/2017 9:08 AM
49	5	2/17/2017 8:45 AM
50	53	2/17/2017 8:44 AM
51	78	2/17/2017 8:38 AM
52	79	2/17/2017 8:27 AM
53	98	2/17/2017 8:26 AM
54	94	2/17/2017 8:25 AM
55	20	2/17/2017 8:24 AM
56	50	2/17/2017 8:22 AM
57	100	2/17/2017 8:19 AM
58	0	2/17/2017 8:13 AM
59	10	2/17/2017 8:09 AM
60	0	2/17/2017 7:57 AM
61	97	2/17/2017 7:39 AM

62	72	2/17/2017 7:30 AM
63	10	2/17/2017 7:15 AM
64	11	2/17/2017 7:11 AM
65	40	2/17/2017 7:08 AM
66	98	2/17/2017 6:58 AM
67	100	2/17/2017 6:44 AM
68	0	2/17/2017 6:32 AM
69	15	2/16/2017 8:56 PM
70	50	2/16/2017 8:31 PM
71	100	2/16/2017 8:23 PM
72	100	2/16/2017 7:55 PM
73	27	2/16/2017 7:46 PM
74	8	2/16/2017 7:34 PM
75	100	2/16/2017 7:33 PM
76	99	2/16/2017 7:13 PM
77	20	2/16/2017 6:57 PM
78	98	2/16/2017 6:44 PM
79	90	2/16/2017 6:42 PM
80	0	2/16/2017 6:33 PM
81	45	2/16/2017 6:31 PM
82	0	2/16/2017 6:27 PM
83	100	2/16/2017 6:24 PM
84	100	2/16/2017 6:24 PM
85	99	2/16/2017 6:14 PM
86	37	2/16/2017 6:07 PM
87	10	2/16/2017 5:49 PM
88	35	2/16/2017 5:41 PM
89	99	2/16/2017 5:35 PM
90	20	2/16/2017 5:34 PM
91	57	2/16/2017 2:40 PM

### Q3 Do you plan to write Farm Environmental Plans (FEP) in Waikato (and/or Waipa) River catchments? (The areas affected by the Healthy Rivers proposed Plan Change)

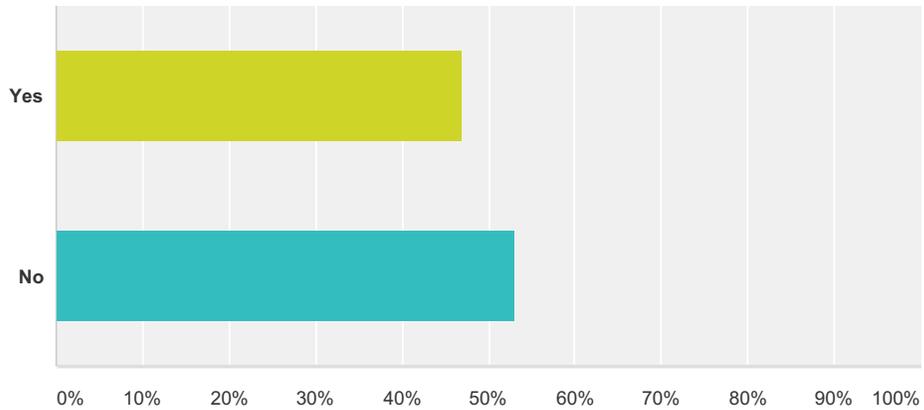
Answered: 92 Skipped: 1



Answer Choices	Responses	
Yes	38.04%	35
No	61.96%	57
<b>Total</b>		<b>92</b>

**Q4 Would you meet the current requirements (a, b, and c, below) for certification as a Certified Farm Environment Planner? a. five years experience in the management of pastoral, horticulture or arable farm systems; b. completed advanced training or a tertiary qualification in sustainable nutrient management (nitrogen and phosphorus) c. experience in soil conservation and sediment management**

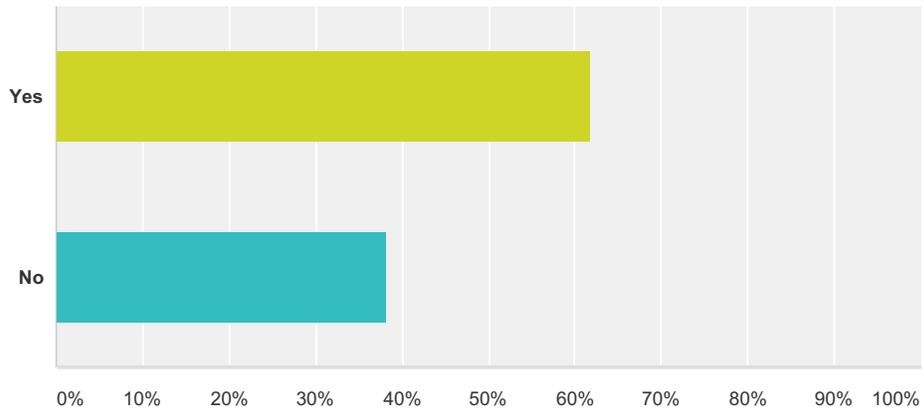
Answered: 34 Skipped: 59



Answer Choices	Responses
Yes	47.06% 16
No	52.94% 18
<b>Total</b>	<b>34</b>

**Q5 Would you meet the current requirements (a and b, below) for certification as a Certified Farm Nutrient Advisor? a. five years experience in the management of pastoral, horticulture or arable farm systems b. completed advanced training or a tertiary qualification in sustainable nutrient management (nitrogen and phosphorus)**

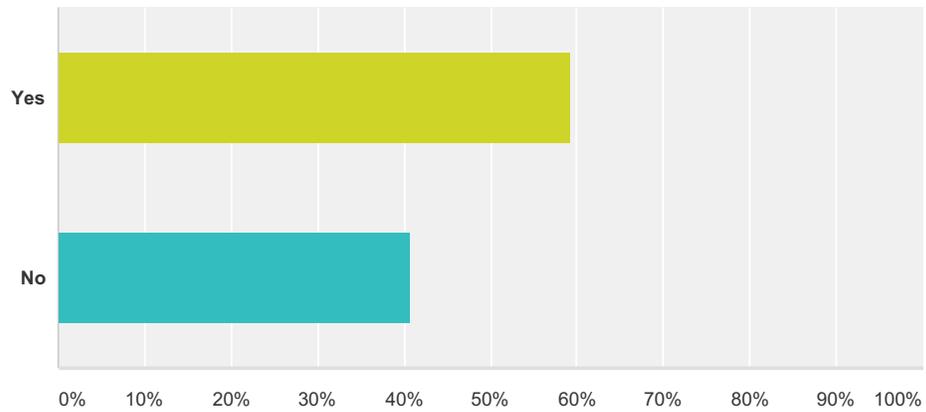
Answered: 34 Skipped: 59



Answer Choices	Responses
Yes	61.76% 21
No	38.24% 13
<b>Total</b>	<b>34</b>

### Q6 Do you intend to gain certification as a Certified Farm Environment Planner by June 2020?

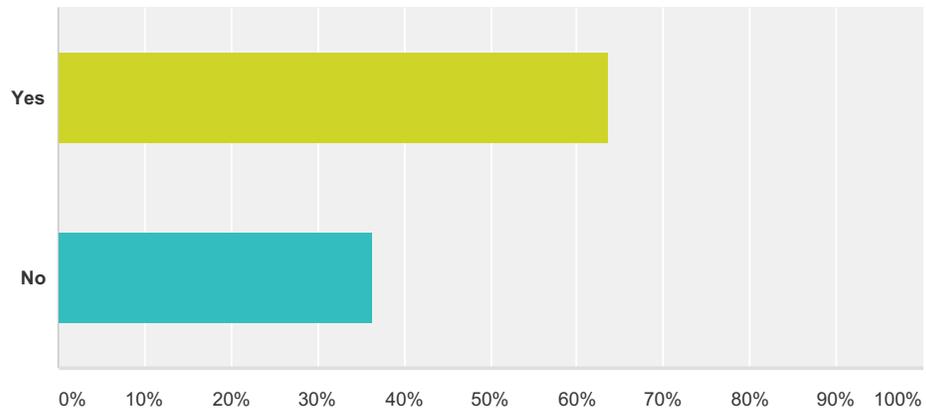
Answered: 32 Skipped: 61



Answer Choices	Responses	
Yes	59.38%	19
No	40.63%	13
<b>Total</b>		<b>32</b>

### Q7 Do you intend to gain certification as a Certified Farm Nutrient Advisor by June 2020?

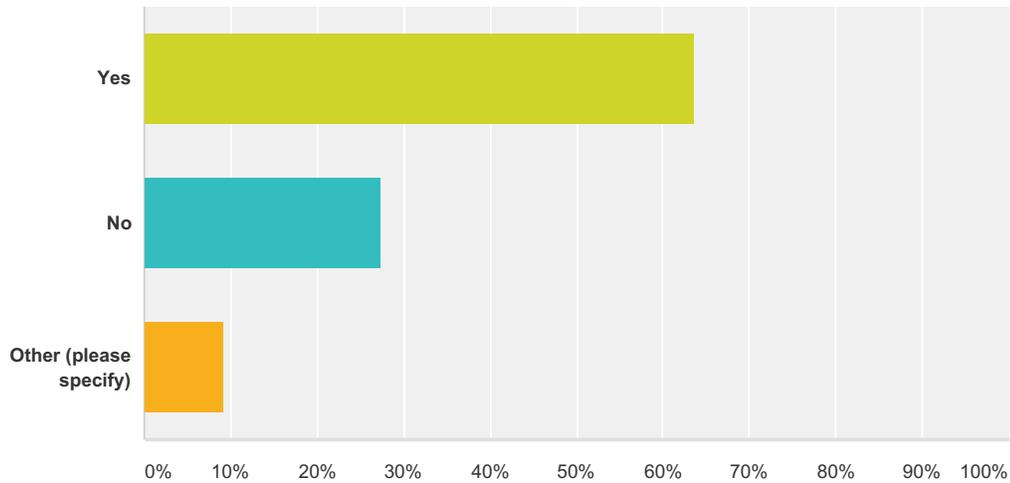
Answered: 33 Skipped: 60



Answer Choices	Responses	
Yes	63.64%	21
No	36.36%	12
<b>Total</b>		<b>33</b>

**Q8 Have you completed the following courses:a. Massey University Intermediate Sustainable Nutrient Management Courseb. Massey University Advanced Sustainable Nutrient Management Coursec. Alternative advanced training or a tertiary qualification in sustainable nutrient management (please specify)**

Answered: 33 Skipped: 60



Answer Choices	Responses
Yes	63.64% 21
No	27.27% 9
Other (please specify)	9.09% 3
<b>Total</b>	<b>33</b>

#	Other (please specify)	Date
1	Done both nutrient management courses, PhD in plant nutrient uptake	2/17/2017 8:35 AM
2	Year Four B AGr Sc Soil Science papers plus Massey Uni Sustainable Nutrient Management Course	2/17/2017 7:45 AM
3	Completed (a) or at least an earlier version of it	2/16/2017 6:52 PM

**Q9 What would you need to do to upskill to meet the requirements of a Certified Farm Environmental Planner? (e.g. on-farm training, attend courses, complete intermediate nutrient management training, complete advanced nutrient management training, other - please list).**

Answered: 25 Skipped: 68

#	Responses	Date
1	Get formal soil conservation training	2/24/2017 1:33 PM
2	complete advanced nutrient management training	2/23/2017 10:16 AM
3	on farm training	2/23/2017 8:06 AM
4	Complete the Advanced Nutrient Management course Some basic training on soil conservation	2/22/2017 11:00 AM
5	Nutrient Management Training, soil and sediment specific training.	2/21/2017 3:12 PM
6	Completed the advanced nutrient management program...already booked for this year	2/20/2017 7:46 AM
7	training in soil conservation, complete on fferm certification component of training, even them unsure if qualify as wording does not make this clear	2/19/2017 9:20 AM
8	meet the approved rating and certification for the local council	2/18/2017 4:18 PM
9	Soil conservation and sediment accreditation	2/18/2017 12:53 PM
10	complete an advanced nutrient management training	2/17/2017 3:48 PM
11	intermediate and advanced nutrient management training in soil conservation	2/17/2017 9:56 AM
12	ASNMC	2/17/2017 9:39 AM
13	None	2/17/2017 9:11 AM
14	Have enrolled for advanced Nutrient Mgt (Overseer) course at Massey in Sept 2017.	2/17/2017 8:48 AM
15	would have most but not sure what soil conservation "qual" would look like. Have done soils as part of undergraduate degree, and work in soils at MAF for 8 years.	2/17/2017 8:35 AM
16	Possibly	2/17/2017 7:45 AM
17	LOCAL KNOWLEDGE OF HEALTHY RIVERS RULES	2/17/2017 7:32 AM
18	I am doing my advanced sustainable nutrient management course this year	2/17/2017 7:15 AM
19	Understand what is required in the FEP - if this contains electronic mapping then maybe upskilling in this - as yet we do not know exactly what is included in the FEP's	2/16/2017 8:26 PM
20	I don't know what is required to become a Certified Enviro Planner.	2/16/2017 7:57 PM
21	More soil and land management experience. Farmax training	2/16/2017 7:49 PM
22	I do not know	2/16/2017 6:52 PM
23	No	2/16/2017 6:48 PM
24	Nutrient mgmt courses	2/16/2017 6:27 PM
25	Complete Massey Intermediate course	2/16/2017 2:40 PM

**Q10 If you intend to write FEPs - how many years experience do you currently have? (please include number of years against each area)**

Answered: 33 Skipped: 60

Answer Choices	Responses
Dairy farm systems management	84.85% 28
Sheep and beef farm systems management	72.73% 24
Arable farm systems management	51.52% 17
Horticulture farm systems management	42.42% 14
Deer or other farm systems management	57.58% 19
Soil conservation and sediment management (any discipline)	57.58% 19
Nutrient management planning (any discipline)	78.79% 26

#	Dairy farm systems management	Date
1	10	2/24/2017 1:33 PM
2	25 years	2/23/2017 10:16 AM
3	34	2/23/2017 8:06 AM
4	4 now, but 5 in 2018 so will be fine	2/22/2017 5:34 PM
5	15	2/22/2017 11:00 AM
6	7 years	2/22/2017 5:35 AM
7	10	2/21/2017 3:12 PM
8	20	2/20/2017 7:46 AM
9	30	2/19/2017 9:20 AM
10	16	2/18/2017 12:53 PM
11	15 years	2/17/2017 3:48 PM
12	28	2/17/2017 9:56 AM
13	22	2/17/2017 9:11 AM
14	15	2/17/2017 8:48 AM
15	10	2/17/2017 8:35 AM
16	35	2/17/2017 8:27 AM
17	30+ Years	2/17/2017 7:45 AM
18	4	2/17/2017 7:32 AM
19	35	2/17/2017 6:59 AM
20	hi	2/17/2017 6:32 AM
21	10	2/16/2017 8:26 PM
22	9	2/16/2017 7:57 PM
23	4	2/16/2017 7:49 PM

24	45 years	2/16/2017 6:52 PM
25	31 years	2/16/2017 6:48 PM
26	12years practical, 10 years consulting	2/16/2017 6:27 PM
27	10	2/16/2017 6:16 PM
28	30	2/16/2017 2:40 PM
<b>#</b>	<b>Sheep and beef farm systems management</b>	<b>Date</b>
1	10	2/24/2017 1:33 PM
2	34	2/23/2017 8:06 AM
3	10	2/22/2017 11:00 AM
4	25 Years	2/22/2017 5:35 AM
5	30	2/21/2017 3:12 PM
6	0	2/20/2017 7:46 AM
7	nil	2/19/2017 9:20 AM
8	22	2/18/2017 4:18 PM
9	16	2/18/2017 12:53 PM
10	10	2/17/2017 9:56 AM
11	22	2/17/2017 9:11 AM
12	3	2/17/2017 8:48 AM
13	Five years	2/17/2017 8:47 AM
14	25	2/17/2017 8:35 AM
15	20	2/17/2017 8:27 AM
16	30+ Years	2/17/2017 7:45 AM
17	5	2/17/2017 7:32 AM
18	1 as a consultant	2/17/2017 7:15 AM
19	35	2/17/2017 6:59 AM
20	10	2/16/2017 8:26 PM
21	0	2/16/2017 7:57 PM
22	10	2/16/2017 6:16 PM
23	20+ YRS	2/16/2017 5:40 PM
24	30	2/16/2017 2:40 PM
<b>#</b>	<b>Arable farm systems management</b>	<b>Date</b>
1	0	2/23/2017 8:06 AM
2	0	2/22/2017 11:00 AM
3	17	2/20/2017 7:46 AM
4	nil	2/19/2017 9:20 AM
5	16	2/18/2017 12:53 PM
6	17	2/17/2017 9:56 AM
7	22	2/17/2017 9:11 AM
8	0	2/17/2017 8:48 AM
9	0	2/17/2017 8:35 AM
10	5	2/17/2017 7:32 AM

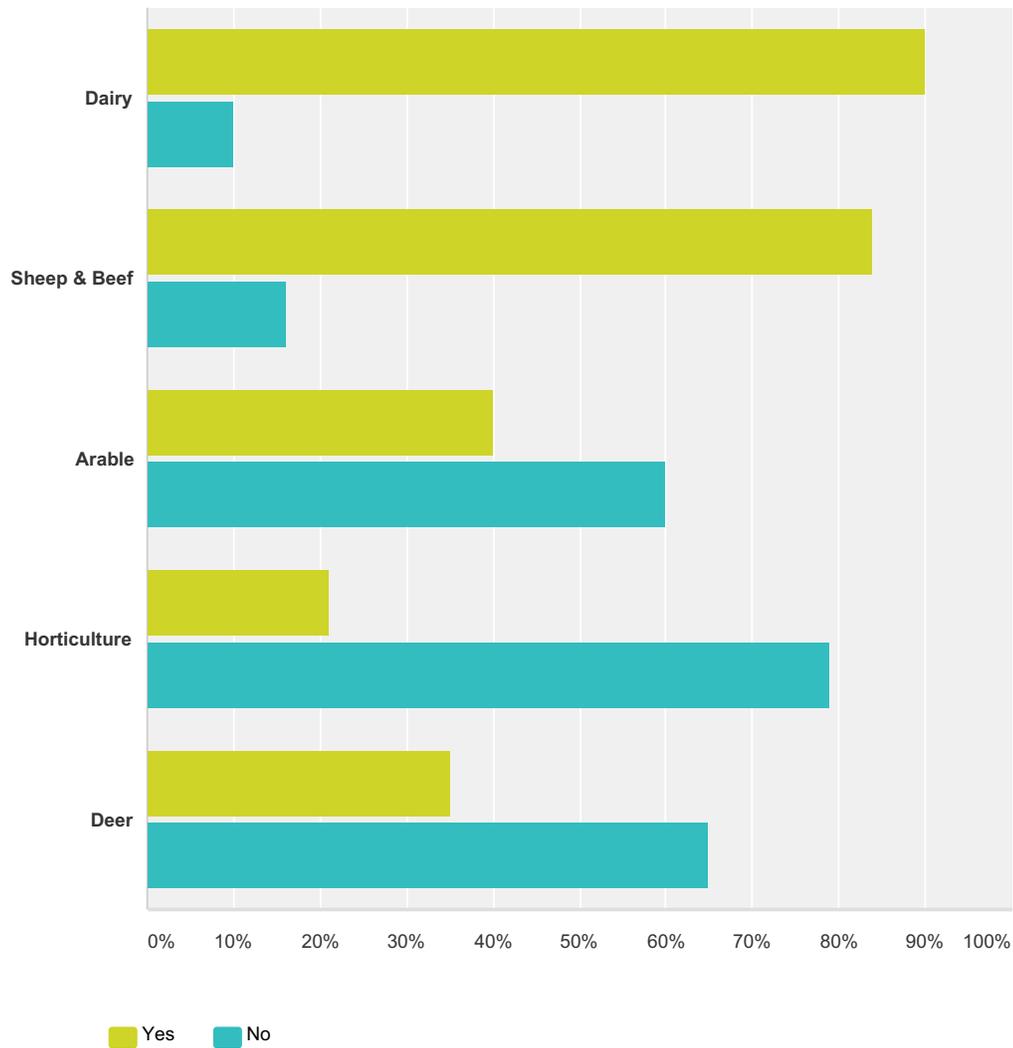
11	35	2/17/2017 6:59 AM
12	10	2/16/2017 8:26 PM
13	0	2/16/2017 7:57 PM
14	4	2/16/2017 7:49 PM
15	5	2/16/2017 6:16 PM
16	20YRS	2/16/2017 5:40 PM
17	30	2/16/2017 2:40 PM
<b>#</b>	<b>Horticulture farm systems management</b>	<b>Date</b>
1	0	2/23/2017 8:06 AM
2	0	2/22/2017 11:00 AM
3	0	2/20/2017 7:46 AM
4	nil	2/19/2017 9:20 AM
5	0	2/18/2017 12:53 PM
6	0	2/17/2017 9:56 AM
7	5+	2/17/2017 9:39 AM
8	5	2/17/2017 9:11 AM
9	3	2/17/2017 8:48 AM
10	0	2/17/2017 8:35 AM
11	2	2/17/2017 7:32 AM
12	0	2/16/2017 8:26 PM
13	0	2/16/2017 7:57 PM
14	0	2/16/2017 2:40 PM
<b>#</b>	<b>Deer or other farm systems management</b>	<b>Date</b>
1	10	2/24/2017 1:33 PM
2	10	2/23/2017 8:06 AM
3	0	2/22/2017 11:00 AM
4	7 years	2/22/2017 5:35 AM
5	0	2/20/2017 7:46 AM
6	nil	2/19/2017 9:20 AM
7	10	2/18/2017 12:53 PM
8	0	2/17/2017 9:56 AM
9	5	2/17/2017 9:11 AM
10	0	2/17/2017 8:48 AM
11	0	2/17/2017 8:35 AM
12	30+ years	2/17/2017 7:45 AM
13	0	2/17/2017 7:32 AM
14	1 as a consultant	2/17/2017 7:15 AM
15	0	2/16/2017 8:26 PM
16	0	2/16/2017 7:57 PM
17	5	2/16/2017 6:16 PM
18	20+ YRS	2/16/2017 5:40 PM

19	0	2/16/2017 2:40 PM
<b>#</b>	<b>Soil conservation and sediment management (any discipline)</b>	<b>Date</b>
1	1	2/24/2017 1:33 PM
2	0	2/23/2017 8:06 AM
3	0	2/22/2017 11:00 AM
4	25 years	2/22/2017 5:35 AM
5	17	2/20/2017 7:46 AM
6	nil	2/19/2017 9:20 AM
7	0	2/18/2017 12:53 PM
8	0	2/17/2017 9:56 AM
9	5+	2/17/2017 9:39 AM
10	22	2/17/2017 9:11 AM
11	3	2/17/2017 8:48 AM
12	5-6	2/17/2017 8:35 AM
13	30+years	2/17/2017 7:45 AM
14	3	2/17/2017 7:32 AM
15	10	2/16/2017 8:26 PM
16	9	2/16/2017 7:57 PM
17	45 years	2/16/2017 6:52 PM
18	20+YRS	2/16/2017 5:40 PM
19	0	2/16/2017 2:40 PM
<b>#</b>	<b>Nutrient management planning (any discipline)</b>	<b>Date</b>
1	9	2/24/2017 1:33 PM
2	7	2/23/2017 8:06 AM
3	5	2/22/2017 11:00 AM
4	25 years	2/22/2017 5:35 AM
5	17	2/20/2017 7:46 AM
6	10	2/19/2017 9:20 AM
7	1	2/18/2017 4:18 PM
8	10	2/18/2017 12:53 PM
9	28	2/17/2017 9:56 AM
10	2	2/17/2017 9:39 AM
11	22	2/17/2017 9:11 AM
12	3	2/17/2017 8:48 AM
13	8	2/17/2017 8:35 AM
14	35	2/17/2017 8:27 AM
15	25+years	2/17/2017 7:45 AM
16	3	2/17/2017 7:32 AM
17	1 as a consultant	2/17/2017 7:15 AM
18	35	2/17/2017 6:59 AM
19	10	2/16/2017 8:26 PM

20	9	2/16/2017 7:57 PM
21	8	2/16/2017 7:49 PM
22	45 years	2/16/2017 6:52 PM
23	31 years	2/16/2017 6:48 PM
24	SMP's	2/16/2017 6:27 PM
25	15YRS	2/16/2017 5:40 PM
26	0	2/16/2017 2:40 PM

### Q11 Which farm systems do you intend to write FEPs in?

Answered: 32 Skipped: 61



	Yes	No	Total
Dairy	90.00% 27	10.00% 3	30
Sheep & Beef	84.00% 21	16.00% 4	25
Arable	40.00% 8	60.00% 12	20
Horticulture	21.05% 4	78.95% 15	19
Deer	35.00% 7	65.00% 13	20

#	Other (please specify)	Date
1	Dairy Support	2/19/2017 9:20 AM

2	Dairy goat	2/17/2017 8:48 AM
3	Equine	2/17/2017 8:35 AM
4	one life style sheep unit	2/16/2017 6:52 PM
5	Horse studs	2/16/2017 6:48 PM

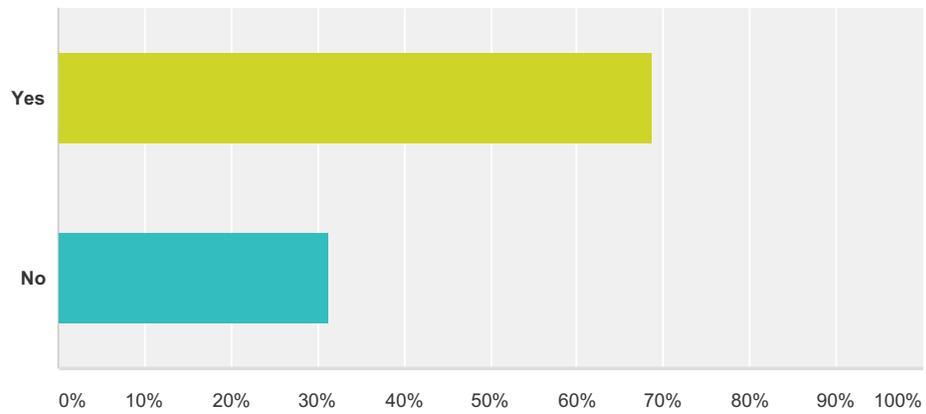
## Q12 Is there anything else that would hold you back, or limit your ability or interest to prepare FEPs under the proposed requirements?

Answered: 18 Skipped: 75

#	Responses	Date
1	time restraints	2/23/2017 10:16 AM
2	Priority in relation to other work	2/23/2017 8:06 AM
3	Time. I have goals in other areas of consultancy as well so might only have 30% of my time available for FEPs. Will depend on the situation at the time.	2/22/2017 5:34 PM
4	I have filled this survey out as if I am going to do FEP's. This is by no means definite but it is something that is a possibility.	2/22/2017 11:00 AM
5	The amount of time required. Will probably do my existing clientbase	2/22/2017 5:35 AM
6	The supply of alternative work that maybe more convenient and easier to undertake	2/19/2017 9:20 AM
7	not clear on the path and requirements. I answered no above but I may look at getting more qualifications in the area of sediment etc management	2/18/2017 4:18 PM
8	Clarity around a clearly defined template which gets the right outcome.	2/18/2017 12:53 PM
9	Concern around the practicalities of implementation and provding meaningful actions	2/17/2017 9:11 AM
10	I might have retired and died by the time any of these plans are implemented by WRC! The price various farmers and DairyNZ have been prepared to pay for a SMP - will not result in a successful consulting practice - nor the investments required to achieve the hurdle set by WRC.	2/17/2017 8:48 AM
11	Having to put time into getting a certification when I have those needed - hard being a sole independent having to pay time and money for training for all the different certifications	2/17/2017 8:35 AM
12	Liability Insurance restrictions following post submission of FEP	2/17/2017 7:45 AM
13	N.A	2/17/2017 7:32 AM
14	No.	2/16/2017 7:57 PM
15	Will need to change employment or set up business	2/16/2017 7:49 PM
16	Yes - the "System" especially the attitude of Environment Waikato staff and their culture; Dairy NZ staff and their culture; and the tendency of organisations and individuals to look to commercialise the situation for short term personal gain.	2/16/2017 6:52 PM
17	No	2/16/2017 6:48 PM
18	No	2/16/2017 6:27 PM

### Q13 Do you intend to write a submission or contribute to another submission?

Answered: 32 Skipped: 61



Answer Choices	Responses
Yes	68.75% 22
No	31.25% 10
<b>Total</b>	<b>32</b>