

## B. INDICATORS ON RISKS TO FARM

For each indicator, select the single score that best represents the situation.

**Principal: Higher level of risk gives a higher score**

**Absence of knowledge is assumed to be high risk**



### Indicators B1 to B9

Indicator	B1	Water sources: water levels or flow	
Description		Declining water levels or flows in the farm's water sources indicate a risk to continued water supply. Causes could be natural (eg. a drying climate) or manmade (eg. over abstraction by farm or other water users). Could also be due to poor condition of water source (as Indicator B2).	
Relevance		A key measure of whether water supply is at risk	
Scoring			<b>Score</b>
	a	No monitoring or assessment of trends	3
	b	Water levels/flows are declining in all water sources	3
	c	Water levels/flows are declining in one or more water sources	2
	d	Water levels/flows sometimes drop to levels of concern (eg. during dry periods)	1
	e	Water levels/flows are stable and present no concerns	0
Circle one score that applies and enter value here			<input type="text"/>

Indicator	B2	Water sources condition	
Description		To know whether any water sources are in a poor condition that could threaten water supply. (eg. clogging or corroding boreholes)	
Relevance		Poorly maintained or poorly protected water sources are a risk likely to get worse. Problems indicate investments must be made.	
Scoring			<b>Score</b>
	a	Not assessed	3
	b	All water sources are poorly maintained and in poor condition	3
	c	Some water sources are in a poor condition	2
	d	Water source condition is assessed and found to be satisfactory	1
	e	Water sources are regularly assessed and maintained	0
	f	There are no private water sources (all from municipal supply)	0
Circle one score that applies and enter value here			<input type="text"/>

Indicator	B3	Water sources capacity	
Description		To know whether water sources comfortably meet water supply requirements. A good water source should have buffer capacity above normal use as protection against unusual peak demand, or water scarcity pressures.	
Relevance		May limit supply, often or sometimes, or could limit business growth.	
Scoring			<b>Score</b>
	a	Not assessed	3
	b	Water source capacity is regularly below requirements	3
	c	Water source capacity is sometimes below requirements	2
	d	Water source capacity sufficient now, but insufficient for planned expansion	1
	e	Water source capacity is sufficient for all current and planned requirements	0
Circle one score that applies and enter value here			<input type="text"/>

**Risks TO farm Indicators - continued**

<b>Indicator</b>	B4	<b>Water scarcity / drought</b>	
<b>Description</b>		Temporary or long term water scarcity will limit supply	
<b>Relevance</b>		To be able to mitigate or adapt to worsening water availability	
<b>Scoring</b>			<b>Score</b>
	a	No assessment	4
	b	Water scarcity/drought regularly impact on water supply	4
	c	Water scarcity/drought sometimes impact on water supply	3
	d	Water scarcity/drought expected to impact on water supply in future	2
	e	Actions have been taken to mitigate water scarcity/drought (eg. reduce water use, develop alternative sources)	1
	f	Studies show water scarcity/drought is not a risk	0
<b>Circle one score that applies and enter value here</b>			<input type="text"/>

<b>Indicator</b>	B5	<b>Polluting activities</b>	
<b>Description</b>		Activities in the surrounding catchment that could pollute the water supply, such as poorly managed farms, industry and urbanisation	
<b>Relevance</b>		Being aware of the potential risks, and protecting against them.	
<b>Scoring</b>			<b>Score</b>
	a	No assessment made	4
	b	Water supplies are contaminated and water quality parameters are breached	4
	c	Polluting activities located close to water sources present a risk	3
	d	Polluting activities within the defined catchment present a lower but real risk to water supplies	2
	e	Actions have been taken to protect water supplies from polluting activities	1
	f	There are no polluting activities of concern	0
<b>Circle one score that applies and enter value here</b>			<input type="text"/>

<b>Indicator</b>	B6	<b>Water quality trends</b>	
<b>Description</b>		Quality of water sources (and ideally the water bodies from which they abstract) should be monitored, to look for trends of concern.	
<b>Relevance</b>		Being aware of the potential risks, and protecting against them.	
<b>Scoring</b>			<b>Score</b>
	a	No assessment made	3
	b	One or more water sources exceed quality standards for intended use (sometimes or permanently)	3
	d	One or more water sources show a trend that will likely cause a quality breach.	2
	e	Actions have been taken to protect against trends of concern	1
	f	Water quality is monitored, but shows no trends of concern	0
<b>Circle one score that applies and enter value here</b>			<input type="text"/>

**Risks TO farm Indicators - continued**

<b>Indicator</b>	B7 <b>Flood risk</b>	
<b>Description</b>	Is the farm at risk of being flooded (all or part) and what damage could occur?	
<b>Relevance</b>	Being aware of the potential risks, and protecting against them.	
<b>Scoring</b>		<b>Score</b>
a	No assessment	3
b	All or part of farm is in a flood risk zone (eg. flood plain) and sometimes experiences damaging floods	3
c	Part of the farm sometimes experiences floods, but not causing significant damage	2
d	All or part of the farm is in a flood risk zone (eg. flood plain) potentially at future risk of floods	1
e	An assessment shows no flood risk	0
<b>Circle one score that applies and enter value here</b>		<input type="text"/>

<b>Indicator</b>	B8 <b>Regulatory compliance</b>	
<b>Description</b>	Any actual or near non-compliance should be recorded (eg. exceeding permit conditions on volumes or quality)	
<b>Relevance</b>	Non-compliance presents a risk of prosecution and damage to reputation. Being aware of occasional or near breaches allows you to take preventative actions.	
<b>Scoring</b>		<b>Score</b>
a	The farm experiences regulatory compliance issues (eg. breaching permit conditions), and no preventative action is taken	3
b	The farm is at risk of compliance issues	2
c	Regulatory changes are foreseen which may present compliance risk or have an impact on the farm business	1
d	Low risk of non-compliance	0
<b>Circle one score that applies and enter value here</b>		<input type="text"/>

<b>Indicator</b>	B9 <b>Stakeholders</b>	
<b>Description</b>	Stakeholders could impact the farm (eg. competition for water or permits, impact on water supply) or publicise concerns that can damage the farm's reputation (eg. real or perceived impacts on their interests from the farm).	
<b>Relevance</b>	Stakeholder engagement will promote transparency to the benefit of both the farm and stakeholders, and help alleviate their concerns.	
<b>Scoring</b>		<b>Score</b>
a	There are significant impacts from stakeholders: actual and/or reputational	3
b	There are problems or concerns linked to stakeholders which could become significant if not addressed	2
c	Some impacts or concerns that are being adequately managed, requiring ongoing monitoring and engagement	1
d	A stakeholder assessment shows no concerns	0
<b>Circle one score that applies and enter value here</b>		<input type="text"/>