



<p>Fill in this form if you are applying for a transitional water resources licence to continue a previously exempt abstraction.</p> <p>This form is available in both English and Welsh. Please check that this is the latest version of the form available from our website before submitting your application.</p> <p>Please ensure you use Guidance Note WRH to help you.</p> <p>All relevant guidance documents can be found on our website.</p> <p>Contents</p> <p>1 Application type and fee</p>	<p>2 Applicant and agent details</p> <p>3 Site name</p> <p>4 Entitlement to apply</p> <p>5 Existing licence number(s)</p> <p>6 Cross border applications</p> <p>7 Abstraction details</p> <p>8 Abstraction history and evidence</p> <p>9 Discharge details</p> <p>10 Eel considerations</p> <p>11 Trickle irrigation</p> <p>12 Planned abstractions</p> <p>13 Other abstractions</p> <p>14 Planning permissions</p> <p>15 Environmental Impact Assessment</p> <p>16 Licence duration</p> <p>17 Application checklist</p>
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1. Application type and fee

1.1 Please select your application type from the list below.

- A new transitional water resources full abstraction licence for a previously exempt abstraction ☒
- A new transitional water resources transfer licence for a previously exempt abstraction ☐
- A variation to an existing full abstraction licence to add a previously exempt abstraction ☐
- A variation to an existing transfer licence to add a previously exempt abstraction ☐

1.2 Please indicate the amount and how you wish to pay your application

Amount paid	<input type="text" value="£135"/>	
Cheque	<input type="checkbox"/>	
Credit or debit card	<input type="checkbox"/>	
BACS transfer	<input checked="" type="checkbox"/>	BACS reference number <input type="text" value="PRCSOUTHCAFE123"/>

2 Applicant and agent details

This is the individual or organisation any resulting licence will be issued to, and must be a legal entity. If you are an agent acting on behalf of an applicant, provide their details here and yours in section 2.2.

2.1 Applicant details

Individual	<input type="checkbox"/>	Public body	<input type="checkbox"/>
Registered company	<input type="checkbox"/>	Organisation or group of individuals	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>	If 'Other', please specify	<input type="text"/>
Title	<input type="text"/>		<input type="text"/>

First name	<input type="text"/>
Last name	<input type="text"/>
Company, charity, body, or trading name (if relevant)	<input type="text" value="South Caernarfon Creameries Ltd"/>
Registered company or charity number (if relevant)	<input type="text" value="Farmer Owned Cooperative Registered with the Financial Conduct Authority 12227R"/>
Address	<input type="text" value="Rhydygwystl"/>
	<input type="text" value="Chwillog"/>
	<input type="text" value="Pwllheli"/>
	<input type="text" value="Gwynedd"/>
Postcode	<input type="text" value="LL53 6SB"/>
Telephone - mobile	<input type="text"/>
Telephone - office	<input type="text" value="01766 810251"/>
Email address	<input type="text" value="ejones@sccwales.co.uk"/>

We will contact you by email unless you tick here. ☐

2.2 Agent details

This is who we will correspond with unless otherwise informed. If you are an agent applying on behalf of an applicant, please include a letter of authorisation from the applicant allowing you to act as signatory, and provide a reference for this document in the box below.

Document reference	<input type="text"/>
Title	<input type="text"/>
First name	<input type="text"/>
Last name	<input type="text"/>
Company or trading name	<input type="text"/>
Position in company	<input type="text"/>
Address	<input type="text"/>

Postcode

Telephone - mobile

Telephone - office

Email address

We will contact you by email unless you tick here. ☐

2.3 Site operation contact

Please specify who we should contact with regard to your site operation.

Applicant ☐

Agent ☐

Other ☒ Please provide contact details for the operational contact on a separate referenced document, and tell us this reference below.

Document reference Appendix 1.0

2.4 Abstraction invoices and records contact

Please specify who we should contact for invoices and abstraction records (returns). Please note that these may not be not required for transfer licences.

Invoice address

Applicant ☐

Agent ☐

Other ☒ Please provide contact details for the operational contact on a separate referenced document, and tell us this reference below.

Document reference Appendix 1.0

Abstraction records

Applicant ☐

Agent ☐

Other ☒ Please provide contact details for the operational contact on a separate referenced document, and tell us this reference below.

Document reference Appendix 1.0

3. Site name

3.1 Please provide the site name below:

Site name South Caernarfon Creameries Ltd

4. Entitlement to apply

4.1 Have you abstracted water between 01 January 2011 and 31 December 2017 for the activity which you are applying to be licensed?

Yes ☒

No ☐ Please see our water abstraction and impounding webpage for further information on the correct application forms.

4.2 What is your connection to the land where the abstraction takes place?

Please provide a map outlining your land ownership/occupation and include all abstractions and discharges where relevant.

Owner ☒

Occupier ☐

Document reference

4.3 Do you have a legal right of access to the land where the abstraction takes place?

No ☐

Yes ☐ Please provide further detail in the box below. If necessary continue on a separate referenced document, and tell us this reference.

Document reference

5. Existing licence number(s)

If you are applying to change an existing licence please provide the licence number below.

Licence number(s)

6. Cross border applications

As part of your site operation do you also abstract for a previously exempt activity in England?

No ☒

Yes ☐ Please provide detail of this cross border application in the box below. If possible, provide a reference or application number, or name of an Environment Agency contact with whom the application has been discussed.

Continue on a separate referenced sheet if necessary and tell us the reference for this document.

Document reference

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7. Abstraction details

7.1 Site map

Please provide a map with details of the location(s) you abstract water from (points reaches, or areas). Tell us the reference for this map, below.

Site map reference

Appendix 2.0, 2.1, 2.2

7.2 Please tell us details about the location(s) you abstract water from (points reaches, or areas) in the tables below.

The abstraction location, name, or reference must be the same as those used on the site map, in question 7.1. If you need more space, please continue on a separate referenced sheet if necessary and tell us the reference for this document

Document reference

Appendix 2.0

Table 8.1 Year	Abstraction location name or reference (as labelled on map)	Purpose(s) water used for	Period of abstraction All year, or months, or days (provide specific dates)	Maximum quantities abstracted						Means of measurement, or assessment of abstracted quantities	Are these the maximum quantities of water you wish to have licensed? (Yes or No)
				Year (cubic metres)	Day (cubic metres)	Hour (cubic metres)	Peak instantaneous flow rate (litres per second)	Maximum number of hours of abstraction per day	Please indicate whether volume is actual (A) or estimated (E)		
01 January 2011 to 31 December 2011	Borehole No.1	Production processes cleaning	All year	29952	Av 82.06	n/a	n/a	24	A	Meter	Yes
	Borehole No.2		All year	28561	Av 78.25	n/a	n/a	24	A	Meter	Yes
01 January 2012 to 31 December 2012	Borehole No.1	Production processes cleaning	All year	21756	Av 59.61	n/a	n/a	24	A	Meter	Yes
	Borehole No.2		All year	18469	Av 50.6	n/a	n/a	24	A	Meter	Yes
01 January 2013 to 31 December 2013	Borehole No.1	Production processes cleaning	All year	21385	Av 58.59	n/a	n/a	24	A	Meter	Yes
	Borehole No.2		All year	21229	Av 58.16	n/a	n/a	24	A	Meter	Yes
01 January 2014 to 31 December 2014	Borehole No.1	Production processes cleaning	All year	30864	Av 84.83	n/a	n/a	24	A	Meter	Yes
	Borehole No.2		All year	28708	Av 78.65	n/a	n/a	24	A	Meter	Yes
01 January 2015 to 31 December 2015	Borehole No.1	Production processes cleaning	All year	37908	Av 103.8	n/a	n/a	24	A	Meter	Yes
	Borehole No.2		All year	32928	Av 90.21	n/a	n/a	24	A	Meter	Yes
01 January 2016 to 31 December 2016	Borehole No.1	Production processes cleaning	All year	29499	Av 80.82		n/a		A	Meter	Yes
	Borehole No.2		All year	31619	Av 86.63		n/a		A	Meter	Yes
01 January 2017 to 31 December 2017	Borehole No.1	Production processes cleaning	All year	29659	Av 81.26		n/a		A	Meter	Yes
	Borehole No.2		All year	21318	Av 58.41		n/a		A	Meter	Yes

8.2 Please complete the table below if you wish a lesser quantity of water to be licensed than that detailed in table 8.1.

If necessary, continue on a separate sheet and provide a reference for this document.

Document reference

Table 8.2

Abstraction location name or reference (as labelled on map)	Purpose water is used for	Abstraction period	Maximum annual abstraction volume (cubic metres)	Maximum daily abstraction volume (cubic metres)	Maximum hourly abstraction volume (cubic metres)	Maximum number of hours of abstraction per day	Peak abstraction rate (litres per second)

8.3 Do you wish your abstracted quantities to be aggregated?

You can aggregate:

- i) across some or all of the abstraction points, or reaches, or areas listed above.
- ii) with other abstractions you wish to have licensed through the transitional process.
- iii) abstractions you need to have licensed through the standard licensing process.
- iv) with existing licences you hold.

No ☒

Yes ☐ Provide details of any proposed aggregation in the box below. If necessary, continue on a separate sheet and provide a reference for this document.

Document reference

8.4 Please provide a detailed description of how the abstraction(s) has/have taken place

Use the box below to tell us about your abstraction(s). The description should include the following:

- A diagram or schematic of how the activity has been undertaken, using your abstraction point references and including any discharge points
- Details of the structure and equipment involved in the abstraction. This should include dimensions.
- Details of your means of measurement or assessment of abstraction quantities method

If necessary, continue on a separate sheet and tell us the reference for this document.

Document reference

Appendix 2.0, 2.2 and 3.0

Appendix 2.0 details the locations to include map references of the current Boreholes included within this application and the location of the other current water abstraction source (spring water) licence number 23/65/9/0005. Also detailed is the location with map reference of our current river discharge point associated with our PPC Permit EPR/BL9941IC

Appendix 2.2 details a schematic diagram of all site water resources to include Boreholes, Spring and Welsh Water. The diagram shows the location of our water storage tanks and water treatment plant and treated water flow lines to each department.

Appendix 3.0 are photograph of the Borehole meters currently in use which has recorded the usage data as detailed.

8.5 Please list the evidence you are providing to support your application

Use the box below. The evidence should demonstrate the following:

- That abstraction has taken place at some time during the seven year qualifying period.
- The quantities of water you have abstracted during the qualifying period. For example, records of meter readings, or cropping plans.

If necessary, continue on a separate sheet and provide a reference for this document.

Document reference

The attached appendixes are extracts from our Utility Usage data base. Included as examples are the month of March for each year 2011 to 2017 which details the Borehole meter reading each day of the month. Not included, but available if required, is all the boreholes meter reading data for all months for the same years.

9. Discharge details

9.1 Please provide details on any discharge of abstracted water in table 9.1 below and on the map used to show abstraction locations.

If necessary, continue a separate sheet and provide a reference for this document.

Document reference

Table 9.1 - Details of any discharge of abstracted water

Discharge location name or reference (as labelled on map)	National Grid Reference of discharge point (12 digit)	Total volume discharged (cubic metres)	Environmental Permit number for Water Discharge Activity number (if applicable)
Flume and river discharge point	SH 40613 38968	Daily Average 650m3	EPR/BL9941IC

9.2 Please provide a description of discharge structures and equipment

The site dairy effluent waste is treated on site. This waste effluent will contain an element of abstracted water used for production and cleaning processes which once treated is then discharged directly into the River Erch. The maximum discharge volume allowed under the permit is 700m3 per day. It is estimated that approximately 250m3 of abstracted water is discharged to the river on a daily basis.

If necessary, continue a separate sheet and provide a reference for this document.

Document reference

10. Eel considerations

Does your abstraction include measures to safeguard eels?

No ☒

Yes ☐ Provide details below

11. Trickle Irrigation

If you are applying to licence a trickle irrigation abstraction, do you wish to apply for a Two-Part Tariff agreement with your application?

No ☒

Yes ☐ We will contact you during determination of your application to arrange this agreement.

12. Planned abstractions

12.1 Do you expect to increase the current rate of abstraction for the activity you are applying to have licensed from 01 January 2018 onwards or to carry out further new abstractions (both termed 'planned' abstractions) at this site in the future?

No ☒

Yes ☐

12.2 Have you submitted a licence application (s) for any planned abstraction(s) as a result of the Water Act 2003 changes?

No ☒

Yes ☐ Provide a reference number if you have already submitted an application(s) to cover any planned abstractions.

Document reference

13. Other abstractions

Please provide details of any other abstraction(s) (licensed or exempt) that are associated with this application in table 13.1 below.

Table 13.1 - Details of any other abstraction(s) (licensed or exempt) that are associated with this application					
National Grid Reference (12 digit) of where you abstract water	Source name and type	Purpose of abstraction	Where do you use the water?	When do you abstract the water?	Is this a pending application, or already licensed? Please provide the application or licence number as appropriate
SH 3999 40245	Spring Water	Production and cleaning processes	Site production departments	Daily	23/65/9/0005

Not Currently Used	River Water	Not Currently Used	n/a	n/a	23/65/9/0001

14. Planning permission

Complete table 14.1 below and provide details of any planning permissions or advice associated with the abstraction you are applying to have licensed where relevant. Provide a copy of any permissions or advice, providing a reference for this document below.

Document reference

Table 14.1 – Planning permission			
Abstraction location name or reference (as labelled on map)	Is planning permission needed, Yes or No?	Planning permission status (if required)	Have you received any planning advice for the abstraction?

15. Environmental impact assessment(EIA)

Does your application require an EIA under The Water Resources (Environmental Impact Assessment) (England and Wales) Regulations 2003 (as amended)

No ☒

Yes ☐ Please provide a copy of your environmental impact assessment; provide a reference for this assessment below.

Document reference

16. Licence duration

Tell us when you wish your abstraction licence to end

Normally abstraction licences are granted for between 6 and 18 years in line with the catchment licence common end date. If you require a shorter or longer duration licence, please provide details and your justification in the box below.

If necessary, continue a separate sheet and provide a reference for this document.

Document reference

Our existing boreholes have been in place and in use for 15 years or more. We depend on our abstracted water to fulfil our total site water needs without having to use expensive mains Welsh Water. We therefore wish to be granted a long-term licence for these boreholes.

The Company has plans as part of our future sustainability targets to invest in new plant that will allow us to re-cycle a large part of our current discharge to river water. This will substantially reduce our total site water usage requirement going forwards. We estimate that new plant to enable us to re-cycle water for site use will be installed within the next 24 months.

17 Declaration and data protection and commercial confidentiality

Data protection:

Please read the guidance carefully for details on who can sign this section and note the information relating to the Data Protection Act 1998, our Public Register and exclusions.

Commercial confidentiality:

Do you think your application should be confidential, and that information should not be placed on the public register?

No ☒

Yes ☐ You must send us supporting information to tell us why. Use the box below or a separate sheet, and tell us the reference you have given this document.

Document reference

Declaration:

By signing below, you are declaring that as far as you know and believe the information given in this form, on any map and in any supporting or additional information is true.

A printed name in the 'signature' response box will be treated as the equivalent of an electronic signature.

Title

Mr

Elwyn
Jones

First name

Elwyn

Last name

Jones

Position

Compliance Manager / Company Secretary

Today's date

05/06/2019

Appendix 1.0

Details of site operation contact:

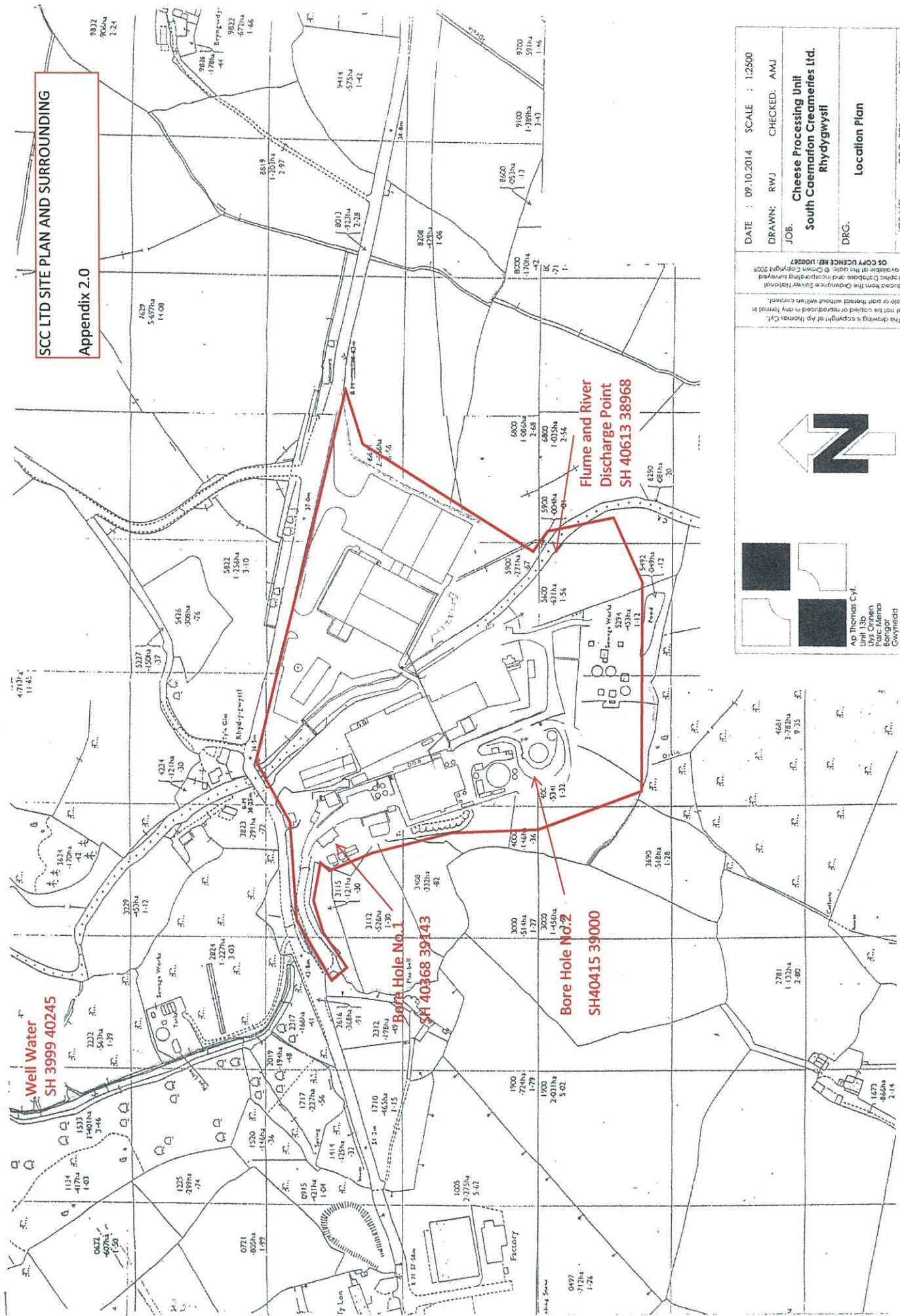
Job Title – Compliance Manager / Company Secretary

Name: Elwyn Jones

Address – South Caernarfon Creameries Ltd, Rhydygwystl, Chwillog, Pwllheli, Gwynedd. LL53 6SB

Telephone Number – 01766 810251

Email address – ejones@sccwales.co.uk



SCC LTD SITE PLAN AND SURROUNDING

Appendix 2.0

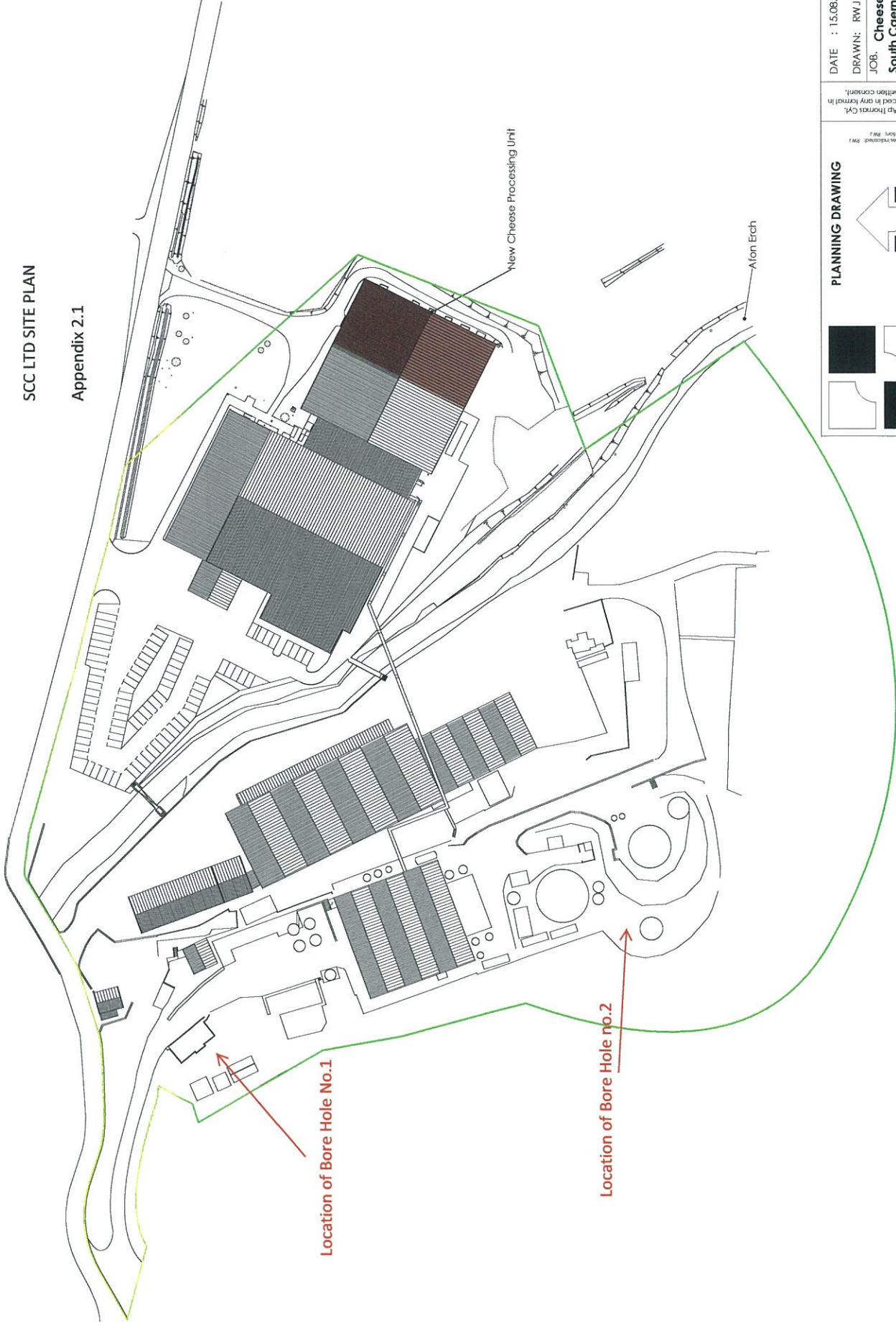
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<p>JOB: Cheese Processing Unit South Caernarfon Creameries Ltd. Rhydgywylfi</p>		<p>DRG. Location Plan</p>
<p>JOB NO. 5091</p>	<p>DRG. REF. (9-) 1000</p>	<p>REV. *</p>

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SCC LTD SITE PLAN

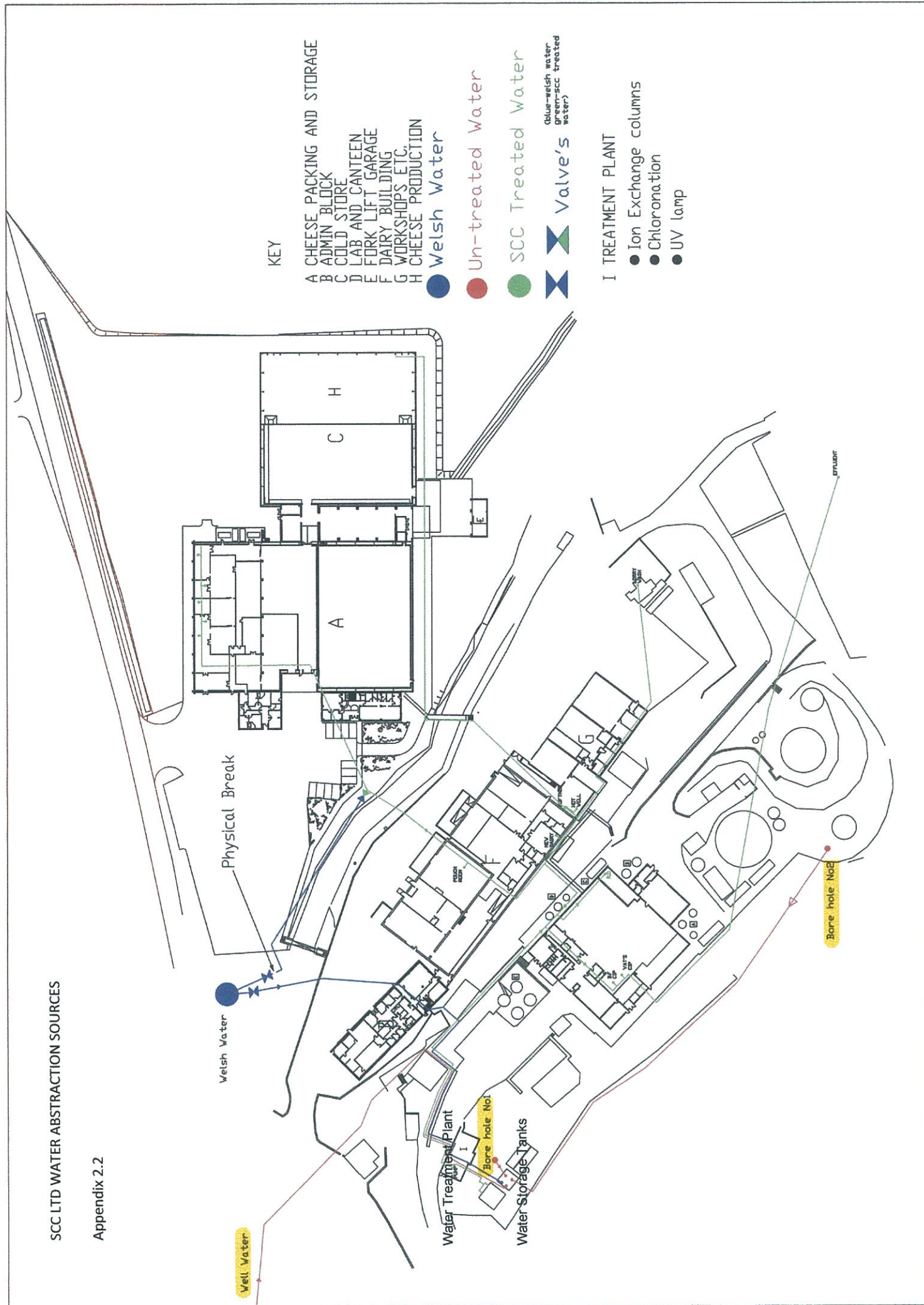
Appendix 2.1



<p>PLANNING DRAWING</p>		<p>DATE : 15.08.2014 SCALE : 1:1250</p>
<p> </p>		<p>DRAWN: RW J CHECKED: AMJ</p>
<p> </p>		<p>JOB: Cheese Processing Unit South Caernarfon Creameries Ltd. Rhydygwyl</p>
<p> </p>		<p>DRG.</p>
<p> </p>		<p>Existing Site Plan</p>
<p> </p>		<p>JOB NO. 509 1 (90) 01 C</p>
<p> </p>		<p>REV.</p>
<p> </p>		<p>DRG. REF.</p>
<p> </p>		<p>509 1 (90) 01 C</p>

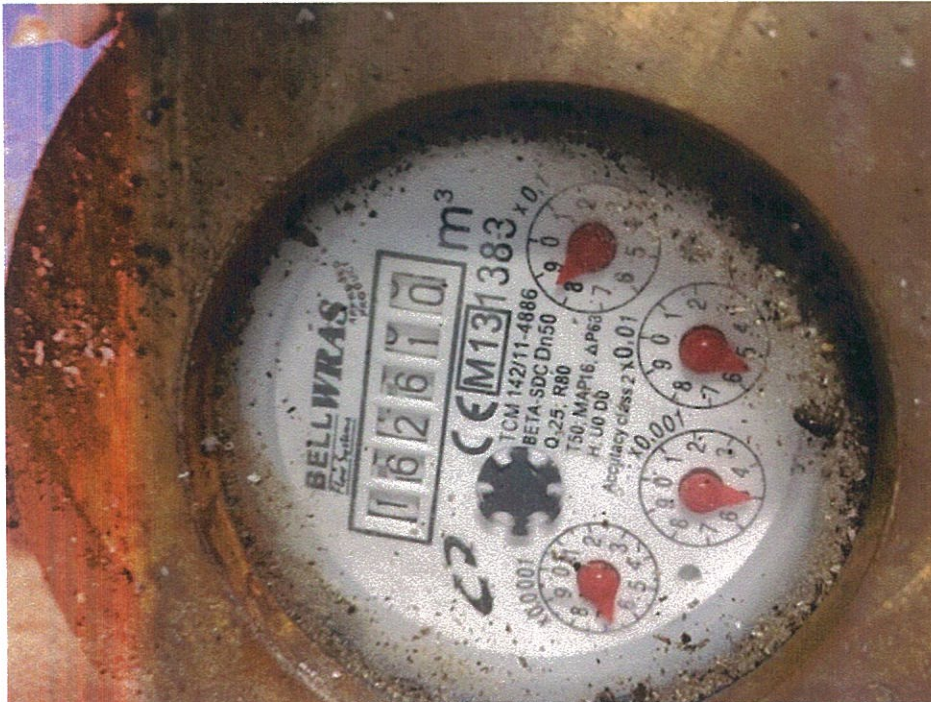
SCC LTD WATER ABSTRACTION SOURCES

Appendix 2.2

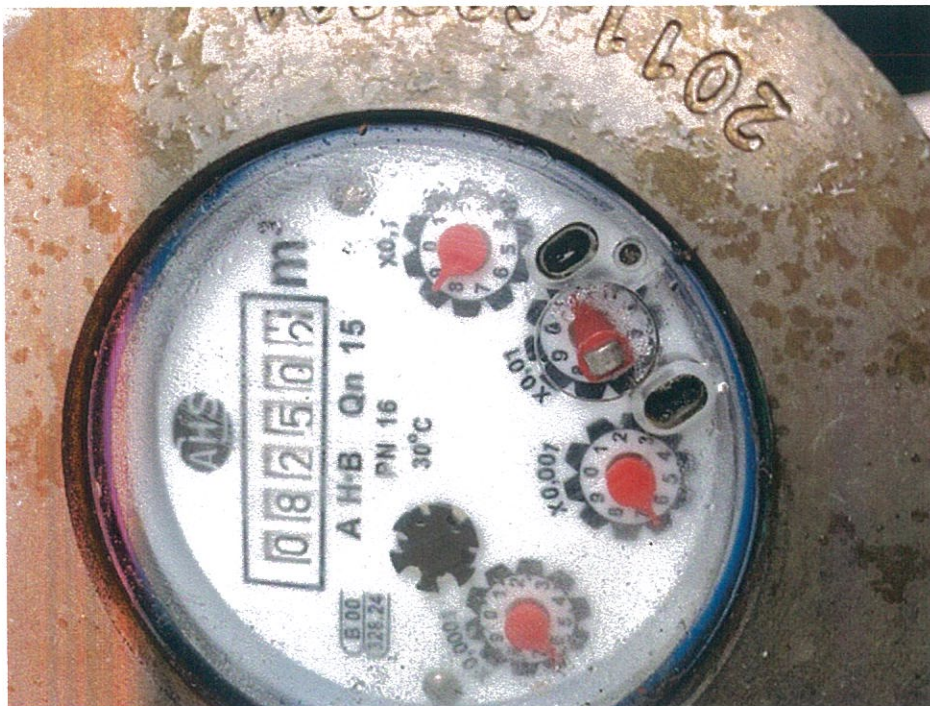


Appendix 3.0

Borehole No. 1 meter



Borehole No. 2 meter



PROD'N DEPT'S				Water									
Che Dairy PPK				Welsh Water Meter	Welsh Water to Tanks	Well	Well Mains	Bore No 1	Bore No 2	Dairy	PrePack	Bulk Recp't	
Open Read:	02-Mar			-	81,754	36,143	-	39,356	47,370	-	16,841	180,589	
1	Sun				82,233	38,139		39,889	47,961		16,925	180,803	
2	Mon				82,233	38,139		39,889	47,961		16,925	180,803	
3	Tue				82,237	38,244		39,950	47,989		16,933	180,821	
4	Wed				82,371	38,324		39,997	48,052		16,940	180,842	
5	Thu				82,510	38,443		40,064	48,135		16,947	180,872	
6	Fri				82,510	38,591		40,115	48,162		16,956	180,194	
7	Sat				82,510	38,591		40,115	48,162		16,965	180,194	
8	Sun				82,632	39,141		40,280	48,373		16,983	180,955	
9	Mon				82,632	39,141		40,280	48,373		16,983	180,955	
10	Tue				82,632	39,225		40,330	48,438		16,991	180,974	
11	Wed				82,810	39,342		40,394	48,521		17,001	181,005	
12	Thu				82,881	39,538		40,447	48,562		17,011	181,003	
13	Fri				82,881	39,660		40,502	48,587		17,021	181,057	
14	Sat				82,881	39,660		40,502	48,587		17,021	181,057	
15	Sun				82,881	40,659		40,367	48,764		17,039	181,208	
16	Mon				82,881	40,659		40,367	48,764		17,053	181,208	
17	Tue				82,881	40,714		40,521	48,781		17,065	181,234	
18	Wed				82,881	40,767		40,804	48,852		17,078	181,264	
19	Thu				82,881	40,821		41,025	48,902		17,090	181,296	
20	Fri				82,881	40,890		41,203	48,917		17,095	181,321	
21	Sat				82,881	40,890		41,203	48,917		17,095	181,321	
22	Sun				82,893	41,056		42,241	49,082		17,101	181,420	
23	Mon				82,893	41,056		42,241	49,082		17,101	181,420	
24	Tue				82,893	41,097		42,287	49,082		17,115	181,449	
25	Wed				82,894	41,152		42,627	49,082		17,129	181,481	
26	Thu				82,910	41,204		42,863	49,082		17,140	181,512	
27	Fri				82,917	42,991		41,255	49,097		17,152	181,534	
28	Sat				82,917	42,991		41,255	49,097		17,152	181,534	
29	Sun				82,926	41,398		43,482	49,203		17,141	181,542	
30	Mon				82,926	41,398		43,482	49,203		17,153	181,542	
31	Tue				82,935	41,477		43,831	49,278		17,165	181,657	
32	Wed				83,120	41,530		43,937	49,348		17,177	181,693	

APPENDIX 4.1

APPENDIX 4.2

CHEESE PROD'N			
Tonnes	Op Days	Down Days	

-	-	1	
33.8	1	-	
34.6	1	-	
-	-	1	
34.8	1	-	
33.5	1	-	
29.2	1	-	
165.9	5	2	
-	-	1	
33.5	1	-	
34.4	1	-	
-	-	1	
33.5	1	-	
33.4	1	-	
29.3	1	-	
164.1	5	2	
-	-	1	
33.6	1	-	
34.1	1	-	
19.2	1	-	
34.8	1	-	
26.4	1	-	
31.7	1	-	
179.7	6	1	
-	-	1	
33.9	1	-	
39.0	1	-	
-	-	1	
38.2	1	-	
31.4	1	-	
29.3	1	-	
171.9	5	2	
33.8	1	-	
28.0	1	-	
33.5	1	-	
34.1	1	-	

Open Read:	01-Mar	
1	Sun	02-Mar
2	Mon	03-Mar
3	Tue	04-Mar
4	Wed	05-Mar
5	Thu	06-Mar
6	Fri	07-Mar
7	Sat	08-Mar
8	Sun	09-Mar
9	Mon	10-Mar
10	Tue	11-Mar
11	Wed	12-Mar
12	Thu	13-Mar
13	Fri	14-Mar
14	Sat	15-Mar
15	Sun	16-Mar
16	Mon	17-Mar
17	Tue	18-Mar
18	Wed	19-Mar
19	Thu	20-Mar
20	Fri	21-Mar
21	Sat	22-Mar
22	Sun	23-Mar
23	Mon	24-Mar
24	Tue	25-Mar
25	Wed	26-Mar
26	Thu	27-Mar
27	Fri	28-Mar
28	Sat	29-Mar
29	Sun	30-Mar
30	Mon	31-Mar
31	Tue	01-Apr
32	Wed	02-Apr

Water									
Welsh Water Meter	Welsh Water to Tanks	Well Mains	Bore No 1	Bore No 2	Dairy	PrePack	Bulk Recpt		
-	119,125	80,379	-	64,302	66,978	-	21,861	189,206	
	119,125	80,793		64,726	66,998		22,110	189,265	
	119,125	80,793		64,726	66,998		22,110	189,265	
	119,125	80,946		64,982	67,149		22,119	189,304	
	119,125	81,164		65,049	67,222		22,126	189,321	
	119,125	81,164		65,049	67,222		22,126	189,321	
	119,125	81,626		65,338	67,222		22,146	189,370	
	119,125	81,626		65,338	67,222		22,146	189,370	
	119,125	82,224		65,750	67,222		22,459	189,431	
	119,125	82,224		65,750	67,222		22,459	189,431	
	119,125	82,546		65,897	67,222		22,470	189,459	
	119,125	82,751		66,042	67,222		22,482	189,484	
	119,125	82,882		66,125	67,222		22,491	189,504	
	119,125	82,940		66,234	67,222		22,502	189,529	
	119,125	82,940		66,234	67,222		22,502	189,529	
	119,125	84,168		66,333	67,223		22,812	189,596	
	119,125	84,168		66,333	67,223		22,812	189,596	
	119,125	84,466		66,333	67,388		22,818	189,625	
	119,125	84,759		66,333	67,480		22,825	189,652	
	119,125	84,981		66,333	67,528		22,831	189,683	
	119,125	85,294		66,333	67,640		22,840	189,703	
	119,125	85,294		66,333	67,640		22,840	189,703	
	119,125	86,097		66,333	67,829		22,943	189,756	
	119,125	86,097		66,333	67,829		22,943	189,756	
	119,125	86,238		66,333	68,040		22,956	189,803	
	119,125	86,491		66,333	68,098		22,965	189,827	
	119,125	86,643		66,333	68,154		22,977	186,840	
	119,125	86,961		66,333	68,259		22,992	186,868	
	119,125	86,961		66,333	68,259		22,992	186,868	
	119,343	87,546		66,333	68,494		23,182	189,910	
	119,343	87,546		66,333	68,494		23,182	189,910	
	119,343	88,002		66,333	68,676		23,191	189,976	
	119,343	88,369		66,333	68,720		23,203	189,991	

DPD 0001 x 4.4

CHEESE PROD'N			
Tonnes	Op Days	Down Days	

-	-	1	
28.0	1	-	
30.8	1	-	
35.4	1	-	
29.9	1	-	
34.0	1	-	
25.1	1	-	
183.2	6	1	
-	-	1	
30.5	1	-	
31.1	1	-	
34.8	1	-	
31.6	1	-	
33.8	1	-	
28.7	1	-	
190.7	6	1	
-	-	1	
28.9	1	-	
30.6	1	-	
33.8	1	-	
32.9	1	-	
36.0	1	-	
30.0	1	-	
192.2	6	1	
-	-	1	
30.2	1	-	
32.5	1	-	
36.8	1	-	
36.5	1	-	
34.6	1	-	
29.4	1	-	
200.0	6	1	
-	-	1	
29.8	1	-	
29.3	1	-	
35.8	1	-	

Open Read:	27-Feb	
1	Sun	28-Feb
2	Mon	29-Feb
3	Tue	01-Mar
4	Wed	02-Mar
5	Thu	03-Mar
6	Fri	04-Mar
7	Sat	05-Mar
8	Sun	06-Mar
9	Mon	07-Mar
10	Tue	08-Mar
11	Wed	09-Mar
12	Thu	10-Mar
13	Fri	11-Mar
14	Sat	12-Mar
15	Sun	13-Mar
16	Mon	14-Mar
17	Tue	15-Mar
18	Wed	16-Mar
19	Thu	17-Mar
20	Fri	18-Mar
21	Sat	19-Mar
22	Sun	20-Mar
23	Mon	21-Mar
24	Tue	22-Mar
25	Wed	23-Mar
26	Thu	24-Mar
27	Fri	25-Mar
28	Sat	26-Mar
29	Sun	27-Mar
30	Mon	28-Mar
31	Tue	29-Mar
32	Wed	30-Mar

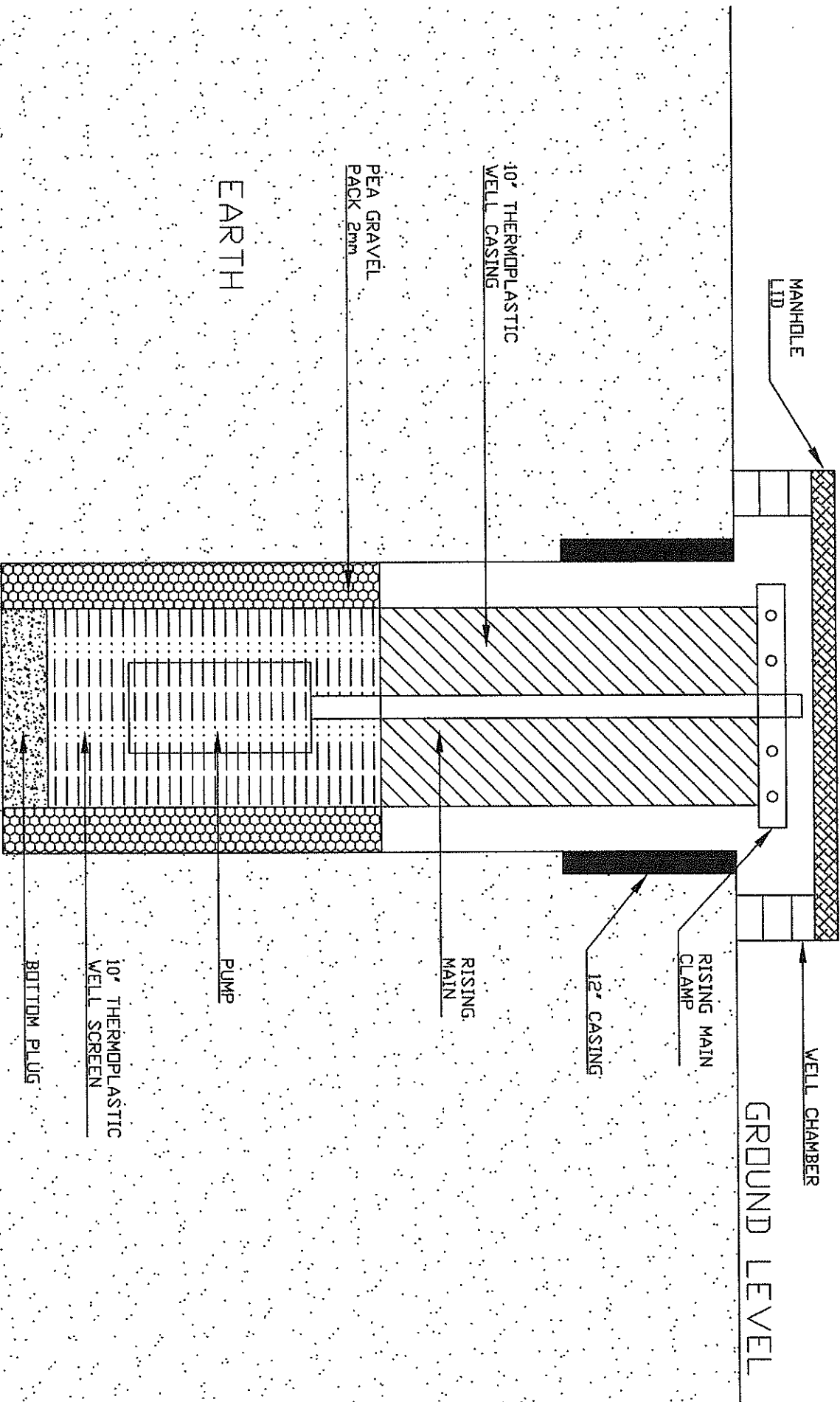
Water									
Welsh Water Meter	Welsh Water to Tanks	Well	Mains	Bore No 1	Bore No 2	Dairy	PrePack	Bulk Recp't	
33.61	123,151	30,269	-	66,489	58,722	-	36,954	215,052	
10.93	123,151	30,932		66,667	58,935		36,957	215,136	
38.32	123,151	30,932		66,667	58,935		36,957	215,136	
41.00	123,151	31,246		66,787	58,981		36,964	215,164	
40.00	123,151	31,454		99,805	59,004		36,971	215,198	
39.76	123,151	31,682		66,948	59,183		36,977	215,237	
39.86	123,151	31,998		67,028	59,271		36,984	215,262	
36.26	123,151	31,998		67,028	59,271		36,990	215,262	
11.86	123,151	32,688		67,227	59,455		36,993	215,350	
40.19	123,151	32,688		67,227	59,455		36,995	215,350	
40.71	123,151	32,945		67,348	59,521		37,002	215,386	
40.39	123,151	33,147		37,479	59,648		37,008	215,412	
40.88	123,151	33,523		67,518	59,715		37,014	215,458	
38.04	123,151	33,738		67,597	59,781		37,022	215,484	
38.17	123,151	33,738		67,597	59,781		37,029	215,484	
20.01	123,158	34,015		67,785	59,921		37,031	215,548	
41.08	123,158	34,015		67,785	59,921		37,031	215,548	
42.69	123,158	34,246		67,905	60,048		37,038	215,588	
41.05	123,158	34,805		68,011	60,149		37,045	215,613	
126.95	123,158	35,249		68,086	60,283		37,052	215,657	
41.75	123,158	35,653		68,122	60,398		37,058	215,714	
39.05	123,158	35,653		68,122	60,398		37,066	215,714	
16.21	123,158	35,789		68,122	60,572		37,068	215,745	
41.07	123,158	35,789		68,122	60,572		37,068	215,745	
40.95	123,158	36,574		68,122	60,621		37,076	215,207	
41.30	123,158	36,914		68,122	60,852		37,085	215,844	
41.67	123,158	37,140		68,122	60,013		37,092	215,897	
40.50	123,158	37,456		68,122	61,124		37,099	215,919	
38.10	123,158	37,456		68,122	61,124		37,105	215,919	
13.44	123,158	38,151		68,122	61,429		37,107	216,001	
39.83	123,158	38,151		68,122	61,429		37,107	216,001	
38.70	123,158	38,436		68,122	61,589		37,115	216,025	
35.68	123,158	38,721		68,122	61,759		37,123	216,087	

APPENDIX 4.6

CHEESE PROD'N				
Tonnes	Op Days	Down Days		
-	-	1		
38.3	1	-		
39.8	1	-		
38.7	1	-		
28.2	1	-		
39.1	1	-		
34.8	1	-		
218.9	6	1		
40.9	1	-		
38.0	1	-		
38.4	1	-		
38.6	1	-		
35.2	1	-		
39.2	1	-		
38.3	1	-		
268.6	7	-		
38.1	1	-		
36.7	1	-		
37.8	1	-		
38.0	1	-		
38.0	1	-		
38.6	1	-		
39.5	1	-		
266.7	7	-		
38.3	1	-		
38.1	1	-		
39.9	1	-		
39.3	1	-		
38.4	1	-		
38.5	1	-		
38.3	1	-		
270.7	7	-		
39.6	1	-		
37.5	1	-		
38.9	1	-		
38.7	1	-		

Open Read:	24-Feb
1	Sun
2	Mon
3	Tue
4	Wed
5	Thu
6	Fri
7	Sat
8	Sun
9	Mon
10	Tue
11	Wed
12	Thu
13	Fri
14	Sat
15	Sun
16	Mon
17	Tue
18	Wed
19	Thu
20	Fri
21	Sat
22	Sun
23	Mon
24	Tue
25	Wed
26	Thu
27	Fri
28	Sat
29	Sun
30	Mon
31	Tue
32	Wed

Water									
Welsh Water Meter	Welsh Water to Tanks	Well	Mains	Bore No 1	Bore No 2	Dairy	PrePack	Bulk Recp't	
270	124,271	186,238	-	125,927	37,390	-	40,280	243,969	
52.21	124,271	186,238		125,927	38,090		40,286	243,969	
287.48	124,271	186,288		126,114	38,090		40,296	244,051	
270.56	124,271	186,588		126,197	38,090		40,302	244,112	
343.27	124,271	186,704		126,277	38,090		40,308	244,176	
145.40	124,271	186,947		126,315	38,090		40,314	224,206	
39.22	124,271	187,224		126,396	38,090		40,320	224,288	
48.04	124,271	187,224		126,396	38,090		40,326	224,288	
150.56	125,528	187,829		126,488	38,440		40,330	244,366	
158.53	125,528	187,829		126,488	38,440		40,332	244,366	
41.87	125,529	188,105		126,597	38,440		40,340	244,406	
37.22	125,529	188,205		126,698	38,592		40,348	244,451	
32.57	125,529	188,387		126,793	38,718		40,356	244,491	
32.28	125,529	188,387		126,793	38,718		40,363	244,491	
31.11	125,529	188,387		126,793	38,718		40,370	244,491	
31.33	125,529	189,126		127,165	39,105		40,372	244,665	
32.17	125,529	189,126		127,165	39,105		40,374	244,665	
31.94	125,529	189,312		127,260	39,200		40,381	244,709	
32.73	125,529	189,489		127,351	39,291		40,388	244,757	
33.74	125,529	189,681		127,451	39,392		40,395	244,803	
31.27	125,529	189,796		127,547	39,485		40,402	244,842	
31.24	125,529	189,796		127,547	39,485		40,409	244,842	
30.27	125,529	190,423		127,816	39,785		40,413	244,997	
31.58	125,529	190,423		127,816	39,785		40,415	244,997	
31.72	125,529	190,559		127,917	39,834		40,422	245,016	
31.75	125,529	190,782		127,994	39,966		40,429	245,079	
31.54	125,529	190,968		128,905	40,062		40,436	245,131	
31.11	125,529	191,153		128,192	40,157		40,441	245,181	
31.64	125,529	191,153		128,192	40,157		40,448	245,181	
30.41	125,529	191,489		128,304	40,297		40,451	245,235	
31.24	125,529	191,489		128,304	40,297		40,452	245,235	
30.37	125,529	191,705		128,511	40,465		40,452	245,388	
31.65	125,529	192,071		128,660	40,633		40,452	245,419	



SB-TEK LTD Electrical Services 25 Hill Top Crescent, Wheatley Hill, Doncaster South Yorkshire DN2 5SX		CLIENT SOUTH CAENARFON CREAMERIES LTD		PROJECT BOREHOLE WATER EXTRACTION	
TITLE 10" BOREHOLE CONSTRUCTION DIAGRAM		DRAWN VAB		CHECKED DATE 29/08/05	
10" BOREHOLE CONSTRUCTION DIAGRAM		10" BOREHOLE CONSTRUCTION DIAGRAM		10" BOREHOLE CONSTRUCTION DIAGRAM	