Bioquell UK Limited

(Registered Number 02520270)

ANNUAL REPORT AND FINANCIAL STATEMENTS

YEAR ENDED 31 DECEMBER 2011

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BIOQUELL UK LTD ANNUAL REPORT YEAR ENDED 31 DECEMBER 2011

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BIOQUELL UK LTD DIRECTORS' REPORT

The directors submit their annual report, together with the audited financial statements for the year ended 31 December 2011

PRINCIPAL ACTIVITY

The principal activity of the company is the design, manufacture and service of bio-decontamination and filtration equipment

BUSINESS REVIEW

The company reports turnover for the year ended 31 December 2011 of £19,573,181 (2010 £20,002,974)

The company continues to develop new products Expenditure on product development is written off as incurred and in 2011 this amounted to £2,234,842 (2010 £1,257,057). In 2011 the company continued the development of the new wound healing technology.

In addition to the development of the business in 2011, the company entered the year with order momentum and new products. The company continues to see further opportunities and applications for its technology both at home and overseas. The directors expect defence-related turnover to continue to form a significant proportion of turnover in the future.

The company reports a pre-tax profit for the year of £1,510,025 (2010 £941,224)

FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES

Cash flow risk

As sales from overseas customers continue to form a greater proportion of the company's turnover the level of risk associated with foreign exchange also grows. The company uses foreign exchange forward contracts to hedge these exposures

Credit risk

Trade receivables form the main credit risk to the company. The debtor balance for trade receivables reported in the balance sheet is shown net of allowances for doubtful debts. Allowances for doubtful debts are made as a risk of non-payment is recognised. The company has no concentration of credit risk, with exposure spread over a number of counterparties and customers.

BIOQUELL UK LTD DIRECTORS' REPORT (CONTINUED)

FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES (CONTINUED)

Liquidity risk

The company operates a bank overdraft within the parent company's Group banking arrangement. This facility enables the company to maintain liquidity to ensure that sufficient funds are available for ongoing operations and future developments

The Bioquell plc financial statements include further details on business risks and key performance indicators

DIVIDEND

The directors do not recommend payment of a dividend (2010 £nil), and the profit (2010 profit) for the year has been transferred to reserves

GOING CONCERN

The current economic conditions create uncertainty over the level of demand for the company's products and services. The company is supported by group borrowings and as such has no present requirement for external finance. As a consequence of this, the directors believe that the company is well-placed to manage its business risks successfully despite the current uncertain economic outlook. The directors have a reasonable expectation that the company has adequate resources to continue in operational existence for the foreseeable future. Thus, we continue to adopt the going concern basis in preparing the annual report and accounts.

DIRECTORS

The directors listed below held office throughout the year and to the date of the signing of the accounts with the exception of Mr Snare who left the company on 4 November 2011

Mr N M T Adams Mr B M Bodeker Mr M Parks Mr G R Snare

AUDITORS

Each of the persons who is a director at the date of approval of this report confirms that

- so far as the director is aware, there is no relevant audit information of which the company's auditors are unaware, and
- the director has taken all the steps that he/she ought to have taken as a director in order to make himself aware of any relevant audit information and to establish that the company's auditors are aware of that information

This confirmation is given and should be interpreted in accordance with the provisions of s418 of the Companies Act 2006

BIOQUELL UK LTD DIRECTORS' REPORT (CONTINUED)

AUDITORS (CONTINUED)

Deloitte LLP have expressed their willingness to continue in office as auditors and a resolution to reappoint them will be proposed at the forthcoming Annual General Meeting

By Order of the Board

Mark Bodeker

Secretary

5 April 2012

BIOQUELL UK LTD STATEMENT OF DIRECTORS' RESPONSIBILITIES

The directors are responsible for preparing the Annual Report and the financial statements in accordance with applicable law and regulations

Company law requires the directors to prepare financial statements for each financial year. Under that law the directors have elected to prepare the financial statements in accordance with United Kingdom Generally Accepted Accounting Practice (United Kingdom Accounting Standards and applicable law). Under company law the directors must not approve the financial statements unless they are satisfied that they give a true and fair view of the state of affairs of the company and of the profit or loss of the company for that period. In preparing these financial statements, the directors are required to

- select suitable accounting policies and then apply them consistently,
- state whether applicable UK Accounting Standards have been followed, subject to any material departures disclosed and explained in the financial statements,
- · make judgements and accounting estimates that are reasonable and prudent, and
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the company will continue in business

The directors are responsible for keeping adequate accounting records that are sufficient to show and explain the company's transactions and disclose with reasonable accuracy at any time the financial position of the company and enable them to ensure that the financial statements comply with the Companies Act 2006. They are also responsible for safeguarding the assets of the company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

BIOQUELL UK LTD INDEPENDENT AUDITOR'S REPORT

To the Members of BIOQUELL UK Limited

We have audited the financial statements of BIOQUELL UK Ltd for the year ended 31 December 2011 which comprise the Profit and Loss Account, the Balance Sheet, the Statement of Accounting Policies and the related notes 1 to 19. The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice)

This report is made solely to the company's members, as a body, in accordance with Chapter 3 of Part 16 of the Companies Act 2006. Our audit work has been undertaken so that we might state to the company's members those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the company and the company's members as a body, for our audit work, for this report, or for the opinions we have formed

Respective responsibilities of directors and auditor

As explained more fully in the Directors' Responsibilities Statement, the directors are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view. Our responsibility is to audit and express an opinion on the financial statements in accordance with applicable law and International Standards on Auditing (UK and Ireland). Those standards require us to comply with the Auditing Practices Board's (APB's) Ethical Standards for Auditors

Scope of the audit of the financial statements

An audit involves obtaining evidence about the amounts and disclosures in the financial statements sufficient to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or error. This includes an assessment of whether the accounting policies are appropriate to the company's circumstances and have been consistently applied and adequately disclosed, the reasonableness of significant accounting estimates made by the directors, and the overall presentation of the financial statements. In addition, we read all the financial and non financial information in the annual report to identify material inconsistencies with the audited financial statements. If we become aware of any apparent material misstatements or inconsistencies we consider the implications for our report.

Opinion on financial statements

In our opinion the financial statements

- give a true and fair view of the state of the company's affairs as at 31 December 2011 and of its profit for the year then ended,
- have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice, and
- have been prepared in accordance with the requirements of the Companies Act 2006

Opinion on other matter prescribed by the Companies Act 2006

In our opinion the information given in the Directors' Report for the financial year for which the financial statements are prepared is consistent with the financial statements

BIOQUELL UK LTD INDEPENDENT AUDITOR'S REPORT (CONTINUED)

Matters on which we are required to report by exception

We have nothing to report in respect of the following matters where the Companies Act 2006 requires us to report to you if, in our opinion

- adequate accounting records have not been kept, or returns adequate for our audit have not been received from branches not visited by us, or
- the financial statements are not in agreement with the accounting records and returns, or
- certain disclosures of directors' remuneration specified by law are not made, or
- we have not received all the information and explanations we require for our audit

John Clemett (Senior Statutory A)

John Clennett (Senior Statutory Auditor) for and on behalf of Deloitte LLP

Chartered Accountants and Statutory Auditors

Reading, United Kingdom

S April 2012

BIOQUELL UK LTD PROFIT AND LOSS ACCOUNT YEAR ENDED 31 DECEMBER 2011

	Notes	2011	2010
		£	£
Turnover	1	19,573,181	20,002,974
Cost of sales		(12,273,474)	(13,033,192)
Gross profit		7,299,707	6,969,782
Net operating expenses	2	(5,781,312)	(5,991,707)
Operating profit		1,518,395	978,075
Interest payable and similar charges (net)	4	(8,370)	(36,851)
Profit on ordinary activities before tax		1,510,025	941,224
Tax on profit on ordinary activities	5	(174,619)	(227,747)
Profit on ordinary activities after tax	14	1,335,406	713,477

The turnover and operating profit in both the current and preceding year relate wholly to continuing activities

The company had no recognised gains or losses, other than those in the profit and loss account in either the current or preceding financial year. Accordingly, no statement of total recognised gains or losses has been presented

Movements in reserves are set out in Note 14

BIOQUELL UK LTD BALANCE SHEET AT 31 DECEMBER 2011

		2011		2010	
	Notes	£	£	£	£
FIXED ASSETS					
Tangible assets	6		5,856,898		6,007,453
Investments	7_		259,855		259,855
			6,116,753		6,267,308
CURRENT ASSETS					
Stocks	8	896,583		896,088	
Debtors					
– due within one year	9	4,684,311		4,166,830	
– due in more than one year	9	1,488,994		1,488,994	
Cash		1,618,300		234,910	
		8,688,188		6,786,822	
CREDITORS					
Amounts falling due within one year	10	(3,894,214)		(4,207,551)	
NET CURRENT ASSETS			4,793,974		2,579,271
TOTAL ASSETS LESS CURRENT					
LIABILITIES			10,910,727		8,846,579
CREDITORS					<u> </u>
Amounts falling due after more than					
one year	11		(5,409,427)		(4,854,603)
Provisions for liabilities and charges	12_		(314,786)		(233,112)
NET ASSETS		-	5,186,514		3,758,864
CAPITAL AND RESERVES					
Called up share capital	13		2		2
Equity reserve	14		653,864		561,620
Profit and loss account	14		4,532,648		3,197,242
SHAREHOLDER'S FUNDS	15		5,186,514		3,758,864

The Financial Statements of BIOQUELL UK Limited, registered number 02520270, were approved by the Board of directors and signed on its behalf by

Nicholas Adams Mark Bodeker

5 April 2012

Directors holden

BIOQUELL UK LTD STATEMENT OF ACCOUNTING POLICIES

The principal accounting policies are summarised below. They have all been applied consistently throughout the year and the preceding year.

BASIS OF ACCOUNTING

The financial statements have been prepared under the historical cost convention and in accordance with applicable United Kingdom accounting standards. The company has taken advantage of the exemption from the requirement to produce consolidated financial statements in accordance with s400 Companies Act 2006, since the company is a wholly owned subsidiary undertaking of a UK company which itself prepares consolidated finance statements. The financial statements therefore present information about the company as an individual undertaking and not as a Group

GOING CONCERN

The directors' report on pages 3 to 5 describes the financial position of the company. The company is supported by group borrowings and as such has no present need of external borrowings. The directors have a reasonable expectation that the company and the group have adequate resources to continue in operational existence for the foreseeable future. Thus, they continue to adopt the going concern basis in preparing the annual report and accounts.

RESEARCH AND DEVELOPMENT

Research and development expenditure is written off in the year in which it is incurred

TANGIBLE FIXED ASSETS

Tangible fixed assets are stated at cost, net of depreciation and any provision for impairment Depreciation is provided on all tangible fixed assets at rates calculated to write off the cost or valuation, less estimated residual value, of each asset on a straight-line basis over its expected useful life, as follows

Leasehold land and buildings

10 to 25 years

Plant and machinery

3 to 10 years

Residual value is calculated on prices prevailing at the date of acquisition or revaluation

STOCKS

Stocks and work in progress are valued at the lower of cost, including factory overheads, and estimated net realisable value. Provision is made for obsolete, slow-moving or defective items where appropriate

TAXATION

Current tax, including UK corporation tax and foreign tax, is provided at amounts expected to be paid (or recovered) using the tax rates and laws that have been enacted or substantively enacted by the balance sheet date

Deferred tax is provided in full on material timing differences at the rate of tax anticipated to apply when these differences crystallise. Timing differences arise from the inclusion of items of income and expenditure in tax computations in periods different from those in which they are included in the financial statements. A deferred tax asset is only recognised where it is more likely than not that it will be recoverable in the future. Deferred tax assets and liabilities recognised, have not been discounted

BIOQUELL UK LTD STATEMENT OF ACCOUNTING POLICIES (CONTINUED)

TURNOVER

Turnover represents amounts receivable for goods and services provided in the normal course of business, net of trade discounts, VAT and other sales related taxes. In relation to the sale of goods, turnover is recognised on shipment of the goods. In relation to the provision of services, turnover is recognised as the service is performed.

PENSION COSTS

The company contributes to a group defined contribution pension scheme covering the majority of employees. The assets of the scheme are held separately from those of the group in independently administered funds. The amounts charged to the profit and loss account in respect of pension costs and other post-retirement benefits is the contributions payable in the year. Differences between contributions payable in the year and contributions actually paid are shown as either accruals or prepayments in the balance sheet.

FOREIGN CURRENCY

Amounts receivable and payable in foreign currencies are generally translated into sterling at the rates of exchange ruling at the end of the period, or at the date of settlement. In cases where amounts receivable are covered by the forward sale of foreign currency, the rate at which the forward sale has been negotiated is used. Resulting exchange gains and losses are dealt with in the profit and loss account.

LEASES

Operating leases and their costs are charged to the profit and loss account as incurred, even if payments are not made on such a basis.

CASH FLOW STATEMENT

Under Financial Reporting Standard 1 (revised) the company is exempt from the requirement to prepare a cash flow statement on the grounds that the ultimate parent company includes the Group in its own published consolidated financial statements

SHARE-BASED PAYMENTS

The company has applied the requirements of FRS20 Share Based Payments Bioquell plc, the ultimate parent company, is able to issue equity-settled and cash-settled share-based payments to certain employees Equity-settled share-based payments are measured at fair value at the date of grant. The fair value determined at the grant date of the equity-settled share-based payments is expensed on a straight line basis over the vesting period, based on the company's estimate of shares that will eventually vest. Fair value is measured by use of the Black Scholes model. The expected life used in the model has been adjusted, based on management's best estimate, for the effects of non-transferability, exercise restrictions and behavioural considerations.

1. TURNOVER

Turnover represents amounts derived from the provision of goods and services which fall within the company's ordinary activities after deduction of trade discounts and Value Added Tax. The turnover and pre-tax profit, the majority of which arises in the United Kingdom, is attributable to the company's principal activity being the sale of bio-decontamination and filtration equipment and services.

	2011	2010
	£	£
United Kingdom	6,174,939	6,237,464
Rest of Europe	4,776,245	4,471,482
Rest of World	8,621,997	9,294,028
	19,573,181	20,002,974
2. NET OPERATING EXPENSES		
	2011	2010
	£.	t

	2011	2010
	£	£
Net operating expenses	5,781,312	5,991,707
Operating profit has been stated after charge	ing	
R&D expenditure	2,234,842	1,257,057
Depreciation of tangible fixed assets Own	ned 1,183,531	1,190,134
Auditor's remuneration Aud	ıt 36,000	30,800
Loss on disposal of fixed assets		5,049
Operating lease rentals	287,055	351,740
Operating profit has been stated after crediti	ing	
Foreign exchange gain	279,120	22,992
Rents receivable	1,300	5,200
Profit on disposal of fixed assets	16 344	_

3. STAFF COSTS The average monthly number of employees (including directors) was

The average monthly number of employees (melaung anectors) was		
	2011	2010
	Number	Numbe <u>r</u>
Production shop-floor	28	32
Engineering directs	73	7 <u>6</u>
	101	108
Sales & marketing	37	39
Administration	10	13
Other	24	20
	71	72
	172	180
Their aggregate remuneration comprised	2011 £	2010 £
Wages and salaries	5,641,932	6,245,111
Social security costs	606,615	596,304
Other pension costs	205,659	210,189
	6,454,206	7,051,604
Included above, in respect of directors, are the following amounts		
Aggregate emoluments	235,741	207,328
Pension costs to a defined contribution scheme	9,075	9,615
	244,816	216,943

The highest paid director received aggregate emoluments of £129,232 (2010 £113,982) and pension contributions of £4,725 (2010 £5,190) Retirement benefits are accruing to one (2010 two) director under a defined contribution scheme During the year none of the directors (2010 none) exercised share options

The information concerning directors above excludes Mr N.M T Adams and Mr B M. Bodeker They are executives of the holding company, BIOQUELL PLC, and are also directors of TRaC Global (Testing, Regulatory and Compliance) They received total emoluments of £759,000 (2010 £649,000) from BIOQUELL PLC during the year, but it is not practicable to allocate this between their services as executives of BIOQUELL PLC and the aforementioned Group subsidiaries. In addition, both directors are accruing benefits under money purchase schemes in respect of their services to BIOQUELL PLC and the aforementioned Group subsidiaries.

4. INTEREST PAYABLE AND SIMILAR CHARGES (NET)

	2011 £	2010 £
Payable		
Bank loans and overdrafts	61	851
Working capital charges from parent undertaking	9,758	36,000
	9,819	36,851
Receivable		
Bank interest	(1,449)	
	8,370	36,851

5. TAX ON PROFIT ON ORDINARY ACTIVITIES

Analysis of tax charge on ordinary activities

	2011	2010
	£	£
Current tax		
UK corporation tax	(118,439)	(3,352)
Adjustment in respect of prior periods	3,352	179,879
	(115,087)	176,527
Deferred tax		
Origination and reversal of timing differences	(21,833)	(154,201)
Adjustment in respect of previous periods	(37,699)	(250,073)
	(59,532)	(404,274)
	(174,619)	(227,747)

5. TAX ON PROFIT ON ORDINARY ACTIVITIES (CONTINUED)

Factors affecting tax charge for period

The tax assessed for the period differs from that resulting from applying the standard rate of corporation tax in the UK (26.5%) The differences are explained below

	2011	2010
	£	£
Profit on ordinary activities before taxation	1,510,025	941,224
Tax at 26 5% (2010 28%) thereon	(400,157)	(263,543)
Effects of		
Expenses not deductible for tax purposes	(49,470)	(59,939)
Capital allowances in excess of depreciation	(38,403)	28,059
Movement in short term timing differences	2,689	(2,343)
Utilisation of losses	19,778	1,456
R&D tax relief	347,124	382,862
Share based payments	-	2,716
Adjustment in respect of prior year	3,352	179,879
Group relief surrendered		(92,620)
	(115,087)	176,527

The company estimated to have an overall deferred tax liability of £221,787 at 31 December 2011 (2010 tax liability £162,255), which has been recognised in the financial statements. It is made up as follows

	2011	2010
	£	£
Depreciation in excess of capital allowances	(252,600)	(226,789)
Short term timing differences	12,154	34,188
Trading losses carried forward	18,659	30,346
Total	(221,787)	(162,255)

Movement in deferred tax during the year

	<u> </u>
At 1 January 2011	(162,255)
Charge to profit and loss account	(59,532)
At 31 December 2011	(221,787)

The company has tax losses of £74,636 (2010 £108,379) available for carry forward and offset against future taxable profits. The Finance Act 2011, which provides for a reduction in the main rate of corporation tax from 26% to 25%, effective from 1 April 2012, was substantively enacted on 5 July 2011. The impact of the rate reduction has been reflected in the calculation of the UK deferred tax liability provided at 31 December 2011.

5. TAX ON PROFIT ON ORDINARY ACTIVITIES (CONTINUED)

The government has also indicated that it intends to enact future reductions in the main tax rate of 1% each year down to 23% by 1 April 2014. The impact of any further reduction will be taken into account at subsequent reporting dates, once the change has been substantively enacted.

6. TANGIBLE FIXED ASSETS

	Leasehold	Plant	
	land	and	
	and buildings	machinery	Total
	£	£	£
Cost			
As at 1 January 2011	4,393,643	5,618,993	10,012,636
Additions	121,179	934,635	1,055,814
Disposals		(45,442)	(45,442)
As at 31 December 2011	4,514,822	6,508,186	11,023,008
Accumulated depreciation			
As at 1 January 2011	579,679	3,425,505	4,005,184
Charge for the year	307,923	875,608	1,183,531
Disposals		(22,605)	(22,605)
As at 31 December 2011	887,602	4,278,508	5,166,110
Net book value			
As at 31 December 2011	3,627,220	2,229,678	5,856,898
As at 31 December 2010	3,813,964	2,193,488	6,007,452

7. INVESTMENTS

	Total
	£
Cost and net book value	
As at 31 December 2010 and 2011	259,855

The investment relates to BIOQUELL SAS, a wholly owned trading subsidiary of BIOQUELL UK Limited, incorporated in France

8. STOCK

	2011	2010
	£	£
Raw materials, spare parts and consumables	674,836	597,548
Work in progress	178,857	222,145
Finished goods and goods for resale	42,890	76,395
	896,583	896,088
9. DEBTORS		
	2011	2010
	£	£
Amounts falling due within one year	2 21 2 1 2 7	
Trade debtors	2,218,187	1,884,062
Amounts due from group undertakings	1,885,072	1,550,943
Other debtors	9,318	9,266
VAT receivable	225,558	_
Corporation tax paid	_	429,875
Prepayments and accrued income	346,176	292,684
	4,684,311	4,166,830
Amounts falling due after more than one year		
Amounts due from group undertakings	1,488,994	1,488,994
	6,173,305	<u>5,655,824</u>
10. CREDITORS - AMOUNTS FALLING DUE WITHIN ONE YEAR		
	2011	2010
	£	<u>£</u>
Trade creditors	2,040,076	2,442,855
Amounts due to group undertakings	241,977	253,434
Corporation tax	118,481	-
Other taxation and social security	203,32 9	51,892
Accruals and deferred income	1,290,351	1,459,370

The Group had undrawn committed bank overdraft facilities of £2,600,000 (2010 £2,600,000) available at 31 December 2011, as well as a loan bearing a variable interest rate of 1 25% p a over base rate. The total amount outstanding for the Group at the year-end was £1,177,000 (2010 £1,282,000). The bank loan is secured on the long lease property in Andover, UK which was purchased during the prior year.

3,894,214

4,207,551

BIOQUELL UK LTD NOTES TO THE FINANCIAL STATEMENTS

YEAR ENDED 31 DECEMBER 2011

11. CREDITORS - AMOUNTS FALLING DUE AFTER MORE THAN ONE YEAR

	2011	2010
	£	£_
Amounts owed to the parent undertaking	5,409,427	4,854,603

The amount owed to the parent undertaking is interest free and has no fixed repayment term, although the parent has advised the directors that it will not demand repayment before twelve months from the date of approval of these financial statements

12. PROVISIONS FOR LIABILITIES AND CHARGES

	Deferred Tax	Product Warranties	Total	
	£	£	£	
As at 1 January 2011	162,255	70,857	233,112	
Charge for the year	59,532	76,386	135,918	
Utilised during the year		(54,244)	(54,244)	
As at 31 December 2011	221,787	92,999	314,786	

Warranties

The provision for warranties relates to expected warranty claims on products sold in the last two years It is expected that the majority of this expenditure will be incurred in the next financial year

Deferred tax

The deferred tax relates to the excess of taxation allowances over depreciation on fixed assets

13 CALLED UP SHARE CAPITAL

	2011		2010	
	Number	£	Number	£
Authorised				
Ordinary shares of £1 each	100	100	100	100
Called up, allotted and fully paid				
Ordinary shares of £1 each	2	2	22	2

14 PROFIT AND LOSS ACCOUNT

	Equity reserve	Profit & loss
		reserve
	£	£
As at 1 January 2011	561,620	3,197,242
Profit for the financial year	-	1,335,406
Share options charge	92,244	_
As at 31 December 2011	653,864	4,532,648

15. RECONCILIATION OF MOVEMENT IN SHAREHOLDER'S FUNDS

	<u>£</u>
Shareholder's funds at 1 January 2010	2,880,588
Equity reserve - share based payments	164,799
Profit for the financial year	713,477
Shareholder's funds at 1 January 2011	3,758,864
Equity reserve - share based payments	92,244
Profit for the financial year	1,335,406
Shareholder's funds at 31 December 2011	5,186,514

16. EQUITY-SETTLED SHARE OPTION SCHEMES

BIOQUELL PLC (the ultimate parent undertaking) has a share option scheme for all employees of the Group Options are exercisable at a price equal to the average quoted market price of the company's shares on the date of grant. The vesting period is 3 years. If the options remain unexercised after a period of 10 years from the date of grant, the options expire. Options are forfeited if the employee leaves the Group before the options vest except in certain circumstances in accordance with the Scheme Rules.

Special options, with market-based conditions, have also been granted to certain directors and senior members of staff

Details of the share options outstanding during the year are as follows

	2011		2010	
	Number of	Weighted	Number of	Weighted
	share	average	share	average
	options	exercise price	options	exercise price
		(pence)		(pence)
Outstanding at beginning of period	2,180,000	115 5	1,771,000	127.4
Transferred from other Group company	_	-	-	-
Granted during the year	340,000	104 0	439,000	155 0
Lapsed during the year	(399,000)	132 2	(17,000)	148 9
Exercised during the year		-	(13,000)	87 4
Outstanding at the end of the year	2,121,000	128 5	2,180,000	133.0
Exercisable at the end of the year	740,100	133 9	654,000	115 5

There were no options exercised during the year. The options outstanding at 31 December 2011 had a weighted average exercise price of 128 5p, and a weighted average remaining contractual life of 4.5 years. In 2011, 340,000 options were granted on 23 March. The aggregate of the estimated fair values of the options granted on that date was £118,902. In 2010, 439,000 options were granted on 18 March. The aggregate of the estimated fair values of the options granted on those dates was £146,516.

The Black-Scholes model has been adopted as the directors believe is provides a reasonable approximation to the fair values of the options concerned. The inputs into the Black-Scholes model are as follows

	2011	2010
Weighted average share price	104 0p	155 Op
Expected volatility	32%	32 %
Expected life	4 Syrs	4 5 yrs
Risk free rate	1 34%	1.34 %
Expected dividends	1 5%	1 5%

Each tranche of share options was valued separately using the actual exercise price

16. EQUITY-SETTLED SHARE OPTION SCHEMES (Continued)

Expected volatility was determined by calculating the historical volatility of the Group's share price over the previous 5 years. The expected life used in the model has been adjusted, based on management's best estimate, for the effects of non-transferability, exercise restrictions, and behavioural considerations.

Tranches of special options were issued in September 2006 (275,000 options) at an exercise price of 109 0p, in March 2007 (90,000 options) at an exercise price of 128 0p and in May 2008 (167,200 options) at an exercise price of 174 5p to certain senior members of staff, again conditional upon the market-based condition. The inputs into the Black-Scholes model are as set out in the table above, adjusted by a factor based on the probability of meeting the market-based conditions.

The company recognised total expenses of £92,244 and £164,799 related to equity-settled share-based payment transactions in 2011 and 2010 respectively

17. FINANCIAL COMMITMENTS

Annual commitments under non-cancellable operating leases are as follows

	Land & buildings		Other				
	2011	2011	2011	2011	2010	2010 2011	2010
	£	£	£	£			
Expiry date							
Within one year	-	1,948	52,106	29,935			
Between two and five years		-	186,198	224,796			
	_	1.948	238.304	254.731			

18. RELATED PARTY TRANSACTIONS

The revised FRS8, effective for years beginning on or after 6 April 2008 provides exemption for disclosure of transactions between two or more members of a group, provided that all subsidiaries which are party to the transaction are wholly-owned by the group. Under the 1985 Act this exemption was available for 90 per cent subsidiaries.

19. PARENT UNDERTAKING AND CONTROLLING PARTY

The ultimate parent company, for whom financial statements are prepared, is BIOQUELL PLC. This is both the smallest and the largest group into which the company's results are consolidated. BIOQUELL PLC is incorporated in Great Britain and is also regarded as the ultimate controlling party. A copy of the financial statements of BIOQUELL PLC may be obtained from the company's registered office at 52 Royce Close, West Portway, Andover, Hampshire SP10 3TS.