

## Half-yearly Report

for the six months ended 31 December 2012





ESR's purpose is to deliver enhanced scientific and research services to the public health, food safety, security and justice systems, and the environmental sector to improve the safety and contribute to the economic, environmental and social wellbeing of people and communities in New Zealand.







### Chairperson's report

The half year to the end of December 2012 sees ESR on target in implementing the 2012–2017 Strategic Plan. The strategy is repositioning the organisation for increased science-based innovation directly applicable to business, industry and Government health and justice targets.

In the last half year, the focus on accelerating revenue growth delivered \$3 million (7.5 percent) above the same period last year. Progress is also being made to commercialise ESR science activities. One example is our association with the Meat Industry Association to further develop our phage technologies to help safeguard New Zealand's \$2 billion meat exports to the United States (US).

This report highlights just three of the major initiatives that are delivering benefits to New Zealand's health and wellbeing. We continue to expand our significant contributions to Government's economic, health and social targets by helping reduce the costs of ill health, crime and threats to export and local markets.

Dr Susan Macken (Chair)

### Highlights



#### New Zealand's future crime scene

ESR's new Crime Scene Investigation (CSI) research could revolutionise forensic work at crime scenes in New Zealand. The Future Crime Scene Project, launched to the public in December, is developing and trialling new technologies to help solve crimes faster and provide juries with detailed 3D virtual tours of crime scenes in the court room.

The research has identified three technology areas that have potential to advance ESR's crime scene services: recording and showing the crime scene in the courtroom using new scanning technologies; transmitting information from the crime scene in real time; and using new devices for field testing at the crime scene.

These developments will further enhance ESR's ability to help investigators solve crimes, eliminate the innocent from suspicion and to present forensic evidence in the court environment in a way that will best assist the criminal justice outcomes.

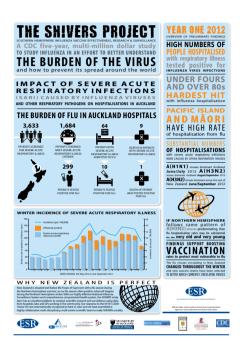
ESR is working with law enforcement and technology collaborators in US, UK, the Netherlands and Canada to develop the technologies for operational forensic use.

#### Recognition for the SHIVERS research collaboration

The Southern Hemisphere Influenza Vaccine Effectiveness Research and Surveillance (SHIVERS) influenza research project, led by ESR working with a team of New Zealand and international agencies, released the preliminary findings from its first year. The findings revealed some important new information about the burden of the flu on New Zealand as well as generating useful information for vaccine strain selection. Findings could also influence case definitions of influenza and influenza-like illness drafted by the World Health Organization (WHO) for international public health purposes.

Very positive feedback on this collaborative and world-leading work was received from the WHO and the US funders. the US Centers for Disease Control and Prevention (CDC). This has secured an additional US \$500,000 in funding for the second year of the fiveyear project (US \$1.5 million for year two).

The first year of the study focused on patients hospitalised in Auckland with severe acute respiratory infections (SARI), including intensive care admissions and deaths caused by influenza and other respiratory pathogens. With the additional funding the study will now extend existing influenza surveillance systems by establishing a community-based system as well as a hospital-based one.



# Development of phage biocontrol strategies for industry benefit

ESR is working with regulators and the meat industry to ensure access for New Zealand meat exports to the US. Since 1993, testing of meat exports to the US for the pathogenic microorganism Shiga toxin-producing Escherichia coli O157 (STEC O157) has been mandatory. Control of this organism is a major technical challenge for the meat industry as it is prolific in cattle. The recent addition of six other STEC types as 'adulterants' prohibited from US imports presents a huge, complex and technical challenge to an industry generating \$6 billion in exports each year, \$2 billion of which stems from US exports.

For a decade, ESR has been New Zealand's leader in developing phage technologies to control pathogens. Phages are naturally occurring microorganisms that specifically kill bacteria with no deleterious effect on human, plant or animal cells. ESR has now secured funding from the Meat Industry Association of New Zealand, KiwiNet, and Industrial Research Limited in addition to investment of ESR's own core funding, to conduct major industry trials during the next bobby calf season.

Funding has also been secured for a project on the use of phages to control antibiotic-resistant bacteria. If successful,

this would expand utility of the phage work into human and veterinary clinical areas of interest.

### Non-financial performance measures

## Research collaboration measures

Number of joint scientific peer-reviewed publications and intellectual property outputs with other New Zealand and international research institutions:

Total publications 40
Joint publications 31

## Technology transfer and initiatives

ESR staff were involved in 36 knowledge transfer seminars and training events with sector stakeholder organisations involving over 600 people. They also delivered 38 science-related talks with 1,866 attendees.

We are building on our business collaborations with private sector businesses to commercialise ESR-developed technology, particularly in the food sector.

We continue to work with other stakeholders to promote research collaboration with China and have signed consultancy contracts to lead and participate in regional Pacific workshops on water and public health.

We have established the ESR Pioneer Fund to fund new ideas that benefit ESR commercially and result in the transfer of technology or knowledge to industry or government sectors.

#### **End-user collaboration**

We continue to work closely with all major customers and end-users to ensure we understand and deliver their needs for the short, medium and long term. One example is the prototype drug intelligence portal we completed for trial by a Customs test user group this half year.

#### Science excellence

Our new Strategic Science Team (SST) has been established. The team of science leaders is working with the Strategic Science Advisory Panel to develop an overall science strategy for ESR, as well as advising on the allocation of research and funding bids.

## Workforce measures of organisational health

ESR's measures of the organisational health of our workforce are based on the '7 key elements' of being a good employer published by the Human Rights Commission.

### Workforce measures of organisational health

ESR's measures of organisational health around our workforce are based on the '7 key elements' of being a good employer published by the Human Rights Commission.

Good employer indicator	Output	Metric	6 months ended 31 December 2012
Leadership, accountability and	ESR culture is adaptive, client	Positive trend for overall staff engagement	Next assessment FY 2014
culture	focused and performance oriented	Positive behaviours defined within competency framework	Revised performance appraisal system; designed and trialled – implementation will be completed Q3 FY 2013
		Customer satisfaction levels are high (as measured by the State Services Commission common measurement tool)	Not measured this half year
Recruitment, selection and	d retain staff using stage) within 4 weeks of close		70%
induction	fair and effective processes	Turnover of staff with less than 6 months' service is <5%	1.23%
Employee development, promotion and exit promotion with voluntary turnover		Promotion rate of 20% or better	Promotion completed Dec 2012; promotion rate 29.41%
	at moderate levels	L&D spend as a % of total personnel costs is 3% or more	<1%
		95%+ of staff have objectives and development plans	Will be an outcome for performance measurement system implementation
		Staff turnover at 10% or less	8.49%
Flexibility and work	ESR's working conditions and	% staff working part-time	19%
design	pay are fair and	% of parental leave returnees	81%
competitive		% staff with teleworking arrangements	Approx 20%

Good employer indicator	Output	Metric	6 months ended 31 December 2012
Remuneration, recognition and conditions	ESR's working conditions and pay are fair and competitive	ESR progress towards pay at the appropriate median market line	Salary movements reflect economic environment and organisation's ability to pay
		ESR Excellence Awards made	Awards made
		Staff satisfaction levels with their conditions of employment	No claims relating to terms and conditions – staff satisfied
Harassment and bullying prevention / Equal Employment Opportunities (EEO)	ESR offers a positive working environment for all staff	Number of harassment and bullying complaints	1 – managed in accordance with established policy
		Demographic trends for age, gender, race, etc.	See charts for demographic information below (annual)
Safe and healthy environment	The working environment at ESR is safe and healthy	Number of work-related ACC claims over \$500	1 new claim over \$500 in the last 6 months
		Working days lost due to sickness	3% (1,520 days)
		Zero serious harm accidents	Zero

Gender	20 – 30 years	31 – 40 years	41 – 50 years	51 – 60 years	61 – 65 years	Over 65 years
Female	6%	21%	18%	14%	4%	2%
Male	4%	8%	12%	7%	3%	1%
TOTAL	10%	29%	30%	21%	7%	3%



## Key financial performance measures

	6 months ended 31 Dec 2012 Actual	Year ended 30 June 2013 Plan	Year ended 30 June 2012 Actual	Year ended 30 June 2011 Actual
Revenue, \$m	29.9	62.0	58.6	54.1
Operating margin, %	9.7	12.5	13.0	15.9
Return (NPAT**) on equity, %	0.2	2.8	6.5	9.5
Return (EBIT*) on assets, %	0.1	3.0	4.6	6.8
Acid test, ratio	1.2	1.0	1.5	1.7
Equity ratio, %	68.7	71.1	65.2	64.0
Gearing, %	1.5	_	1.2	0.8
Interest cover	_	_	_	_
Annualised operating margin per FTE	7,252	19,737	20,557	24,942

<sup>\*</sup> Earnings (annualised surplus) before taxation and interest

<sup>\*\*</sup> Net profit (annualised surplus) after taxation

### Statement of comprehensive income

for the six months ended 31 December 2012

Note	Group unaudited 6 months ended 31 Dec 2012 \$'000s	Group audited 12 months ended 30 June 2012 \$'000s	Group unaudited 6 months ended 31 Dec 2011 \$'000s
Operating revenue			
Revenue from rendering of services	27,265	53,016	25,049
Core funding	2,591	5,534	1,902
	29,856	58,550	26,951
Operating expenses			
Scientific materials and consumables used	(5,848)	(11,411)	(4,995)
Employee benefit expense	(15,691)	(28,104)	(13,770)
Depreciation and amortisation expense	(2,745)	(4,993)	(2,315)
Other expenses	(5,514)	(11,429)	(4,901)
	(29,798)	(55,937)	(25,981)
Operating profit	58	2,613	972
Finance income – interest income	119	271	147
Finance expense	(10)	(11)	(8)
Net finance income / (expense)	110	260	139
Profit before income tax expense	168	2,873	1,111
Income tax expense 2	(84)	(1,077)	(311)
Income tax expense due to change in tax legislation 2	-	580	-
Profit for the period attributable to the institute's shareholder	84	2,376	800
Other comprehensive income			
Total comprehensive income for the period attributable to the institute's shareholder	84	2,376	800

The accompanying notes form an integral part of these financial statements.

Dr Susan Macken (Chair)

Ross Peat (Deputy Chair)

## Statement of changes in equity

for the six months ended 31 December 2012

	Share capital \$'000s	Retained earnings \$'000s	Total \$'000s
Balance at 1 July 2011	8,494	26,986	35,480
Profit for the period		800	800
Other comprehensive income	_	_	_
Total comprehensive income	_	800	800
Balance at 31 December 2011	8,494	27,786	36,280
Balance at 1 July 2012	8,494	29,362	37,856
Profit for the period		84	84
Other comprehensive income	_	_	_
Total comprehensive income	_	84	84
Balance at 31 December 2012	8,494	29,446	37,940

## Statement of financial position

as at 31 December 2012

Non-current assets         Reporty, plant and equipment         33,181         31,070         30,609           Intangible assets         4         7,535         6,500         6,083           40,716         37,570         36,692           Current assets           Cash and cash equivalents         1,586         7,232         3,794           Trade and other receivables         11,423         12,956         11,468           Derivative financial instruments         3         84         -           Income tax receivable / (payable)         60         -         402           Inventories         1,452         1,238         1,502           Inventories         1,452         1,238         1,502           Income tax receivable / (payable)         60         -         402           Inventories         1,452         1,334         9,528           Income tax receivables         9,552         13,347         9,528           Income tax payable         -         325         -           Employee benefits         2,926         2,739         2,715           Finance lease liabilities         295         217         119           Met current liabilities         1,144		Note	Group unaudited 6 months ended 31 Dec 2012 \$'000s	Group audited 12 months ended 30 June 2012 \$'000s	Group unaudited 6 months ended 31 Dec 2011 \$'000s
Intangible assets	Non-current assets				
40,716     37,570     36,692       Current assets       Cash and cash equivalents     1,586     7,232     3,794       Trade and other receivables     11,423     12,956     11,468       Derivative financial instruments     3     84     -       Income tax receivable / (payable)     60     -     402       Inventories     1,452     1,238     1,502       Current liabilities       Trade and other payables     9,552     13,347     9,528       Income tax payable     -     325     -       Employee benefits     2,926     2,739     2,715       Finance lease liabilities     295     217     119       Net current assets / (liabilities)     1,751     4,882     4,804       Non-current liabilities     297     243     80       Deferred taxation     2     3,086     3,255     4,096       Net assets     37,940     37,856     36,280       Equity       Share capital     8,494     8,494     8,494       Retained earnings     29,446     29,362     27,786	Property, plant and equipment		33,181	31,070	30,609
Current assets         Cash and cash equivalents       1,586       7,232       3,794         Trade and other receivables       11,423       12,956       11,468         Derivative financial instruments       3       84       -         Income tax receivable / (payable)       60       -       402         Inventories       1,452       1,238       1,502         Current liabilities       2       1,452       12,38       1,502         Current liabilities       3       84       -       -       402         Inventories       1,452       1,238       1,502       17,166       -       402         Current liabilities       9,552       13,347       9,528       -       -       -       325       -       -       -       -       325       -       -       -       -       325       -       -       -       -       325       -       -       -       -       325       -       -       -       11,149       1,149       1,149       1,149       1,040       -       1,144       1,098       1,040       -       -       1,144       1,098       1,040       -       -       3,086       3,25	Intangible assets	4	7,535	6,500	6,083
Cash and cash equivalents       1,586       7,232       3,794         Trade and other receivables       11,423       12,956       11,468         Derivative financial instruments       3       84       -         Income tax receivable / (payable)       60       -       402         Inventories       1,452       1,238       1,502         Current liabilities       Trade and other payables         Income tax payable       -       325       -         Employee benefits       2,926       2,739       2,715         Finance lease liabilities       295       217       119         Net current assets / (liabilities)       1,751       4,882       4,804         Non-current liabilities       Employee benefits       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       36,280         Equity         Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786			40,716	37,570	36,692
Trade and other receivables       11,423       12,956       11,468         Derivative financial instruments       3       84       -         Income tax receivable / (payable)       60       -       402         Inventories       1,452       1,238       1,502         Current liabilities       Trade and other payables         Income tax payable       -       325       -         Employee benefits       2,926       2,739       2,715         Finance lease liabilities       295       217       119         Net current assets / (liabilities)       1,751       4,882       4,804         Non-current liabilities       Employee benefits       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       36,280         Equity         Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786	Current assets				
Derivative financial instruments         3         84         —           Income tax receivable / (payable)         60         —         402           Inventories         1,452         1,238         1,502           14,524         21,510         17,166           Current liabilities           Trade and other payables         9,552         13,347         9,528           Income tax payable         —         325         —           Employee benefits         2,926         2,739         2,715           Finance lease liabilities         295         217         119           Net current assets / (liabilities)         1,751         4,882         4,804           Non-current liabilities         2         1,144         1,098         1,040           Finance lease liabilities         297         243         80           Deferred taxation         2         3,086         3,255         4,096           Net assets         37,940         37,856         36,280           Equity         Share capital         8,494         8,494         8,494           Retained earnings         29,446         29,362         27,786	Cash and cash equivalents		1,586	7,232	3,794
Income tax receivable / (payable)   60   -   402   1,452   1,238   1,502   14,524   21,510   17,166   14,524   21,510   17,166   14,524   21,510   17,166   14,524   21,510   17,166   14,524   21,510   17,166   14,524   21,510   17,166   14,524   21,510   17,166   12,773   13,347   9,528   12,766   13,247   9,528   12,766   12,779   12,775   16,628   12,775   16,628   12,775   16,628   12,362   12,773   16,628   12,362   12,773   16,628   12,362   12,773   16,628   12,362   12,773   16,628   12,362   12,773   16,628   12,362   12,773   16,628   12,362	Trade and other receivables		11,423	12,956	11,468
Inventories	Derivative financial instruments		3	84	_
14,524       21,510       17,166         Current liabilities         Trade and other payables       9,552       13,347       9,528         Income tax payable       -       325       -         Employee benefits       2,926       2,739       2,715         Finance lease liabilities       295       217       119         Net current assets / (liabilities)       1,751       4,882       4,804         Non-current liabilities       297       243       80         Employee benefits       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       36,280         Equity         Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786	Income tax receivable / (payable)		60	_	402
Current liabilities         Trade and other payables       9,552       13,347       9,528         Income tax payable       -       325       -         Employee benefits       2,926       2,739       2,715         Finance lease liabilities       295       217       119         Net current assets / (liabilities)       1,751       4,882       4,804         Non-current liabilities       297       243       80         Employee benefits       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       36,280         Equity         Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786	Inventories		1,452	1,238	1,502
Trade and other payables       9,552       13,347       9,528         Income tax payable       -       325       -         Employee benefits       2,926       2,739       2,715         Finance lease liabilities       295       217       119         12,773       16,628       12,362         Net current assets / (liabilities)       1,751       4,882       4,804         Non-current liabilities       2       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       36,280         Equity         Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786			14,524	21,510	17,166
Income tax payable	Current liabilities				
Employee benefits       2,926       2,739       2,715         Finance lease liabilities       295       217       119         12,773       16,628       12,362         Net current assets / (liabilities)       1,751       4,882       4,804         Non-current liabilities         Employee benefits       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       36,280         Equity         Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786	Trade and other payables		9,552	13,347	9,528
Finance lease liabilities         295         217         119           Net current assets / (liabilities)         12,773         16,628         12,362           Net current assets / (liabilities)         1,751         4,882         4,804           Non-current liabilities         2         1,144         1,098         1,040           Finance lease liabilities         297         243         80           Deferred taxation         2         3,086         3,255         4,096           Net assets         37,940         37,856         5,216           Net assets         37,940         37,856         36,280           Equity         Share capital         8,494         8,494         8,494           Retained earnings         29,446         29,362         27,786	Income tax payable		_	325	_
12,773       16,628       12,362         Net current assets / (liabilities)       1,751       4,882       4,804         Non-current liabilities       Use of the colspan="3">Use of the current liabilities         Employee benefits       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       5,216         Net assets       37,940       37,856       36,280         Equity       Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786	Employee benefits		2,926	2,739	2,715
Net current assets / (liabilities)       1,751       4,882       4,804         Non-current liabilities       1,144       1,098       1,040         Employee benefits       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       5,216         Net assets       37,940       37,856       36,280         Equity         Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786	Finance lease liabilities		295	217	119
Non-current liabilities         Employee benefits       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       5,216         Net assets       37,940       37,856       36,280         Equity       Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786			12,773	16,628	12,362
Employee benefits       1,144       1,098       1,040         Finance lease liabilities       297       243       80         Deferred taxation       2       3,086       3,255       4,096         Net assets       37,940       37,856       36,280         Equity         Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786	Net current assets / (liabilities)		1,751	4,882	4,804
Finance lease liabilities         297         243         80           Deferred taxation         2         3,086         3,255         4,096           4,527         4,596         5,216           Net assets         37,940         37,856         36,280           Equity         Share capital           Retained earnings         8,494         8,494         8,494           Retained earnings         29,446         29,362         27,786	Non-current liabilities				
Deferred taxation         2         3,086         3,255         4,096           4,527         4,596         5,216           Net assets         37,940         37,856         36,280           Equity         Share capital         8,494         8,494         8,494           Retained earnings         29,446         29,362         27,786	Employee benefits		1,144	1,098	1,040
4,5274,5965,216Net assets37,94037,85636,280EquityShare capital8,4948,4948,494Retained earnings29,44629,36227,786	Finance lease liabilities		297	243	80
Net assets       37,940       37,856       36,280         Equity       Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786	Deferred taxation	2	3,086	3,255	4,096
Equity       8,494       8,494       8,494         Share capital       8,494       8,494       8,494         Retained earnings       29,446       29,362       27,786			4,527	4,596	5,216
Share capital         8,494         8,494         8,494           Retained earnings         29,446         29,362         27,786	Net assets		37,940	37,856	36,280
Retained earnings         29,446         29,362         27,786	Equity				
Retained earnings         29,446         29,362         27,786			8,494	8,494	8,494
Total equity 37,940 37,856 36,280	Retained earnings		29,446	29,362	27,786
	Total equity		37,940	37,856	36,280

### Statement of cash flows

for the six months ended 31 December 2012

Note	Group unaudited 6 months ended 31 Dec 2012 \$'000s	Group audited 12 months ended 30 June 2012 \$'000s	Group unaudited 6 months ended 31 Dec 2011 \$'000s
Cash flows from / (used in) operating activities			
Cash was provided from:			
Customers	29,167	57,599	25,774
Interest received	136	280	154
	29,303	57,879	25,928
Cash was applied to:			
Suppliers and employees	(28,579)	(49,453)	(24,750)
Interest paid	(3)	(11)	(3)
Income tax paid	(637)	(708)	(408)
	(29,219)	(50,172)	(25,161)
Net cash inflow from operating activities 3	84	7,707	767
Cash flows from investing activities			
Cash was provided from:			
Proceeds from sale of property, plant and equipment	_	19	5
	_	19	5
Cash was applied to:			
Purchase of property, plant and equipment	(4,241)	(4,118)	(1,714)
Purchase of intangible assets	(1,176)	(1,701)	(660)
Acquisition of business	(204)	(2,000)	(2,000)
	(5,621)	(7,819)	(4,374)
Net cash outflow from investing activities	(5,621)	(7,800)	(4,369)
Cash flows used in financing activities			
Cash was provided applied to:			
Dividends paid	_	_	_
Repayment of finance lease liabilities	(109)	(176)	(105)
Net cash outflow from financing activities	(109)	(176)	(105)
Net decrease in cash held	(5,646)	(269)	(3,707)
Cash and cash equivalents at the beginning of the period	7,232	7,501	7,501
Cash and cash equivalents at the end of the period	1,586	7,232	3,794

### Notes to the financial statements

#### 1. STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES

#### Reporting entity

These financial statements of the Institute of Environmental Science and Research Limited and its subsidiaries ("ESR" and the "Group") are for the six months ended 31 December 2012.

ESR is a Crown entity incorporated and domiciled in New Zealand. The address of its registered office is 34 Kenepuru Drive. Porirua.

ESR is a Crown research institute that provides specialist scientific services and research, particularly to the health and justice sectors. Its purpose is to deliver enhanced scientific and research services to the public health, food safety, security and justice systems, and the environmental sector to improve the safety and contribute to the economic, environmental and social wellbeing of people and communities in New Zealand.

#### Basis of preparation

The interim financial statements are Parent (ESR) and Group financial statements. The two subsidiaries of ESR are dormant non-trading entities; consequently there is no difference between the financial statements of the Group and those of the Parent.

These interim financial statements are prepared on the basis of historical cost as modified by the revaluation of derivative financial instruments.

These interim financial statements should be read in conjunction with the financial statements and related notes included in ESR's annual report for the year ended 30 June 2012 (2012 Annual Report).

The interim financial statements are presented in New Zealand dollars and all values are rounded to the nearest thousand dollars (\$000).

The accounting policies set out in the 2012 Annual Report have been applied consistently to all the periods in these interim financial statements. There have been no changes in accounting policies from those applied in ESR's 2012 Annual Report. Where necessary, comparative figures have been reclassified for consistency with current year disclosures.

#### Statement of compliance

These interim financial statements for the six months ended 31 December 2012 have been prepared in accordance with International Accounting Standard 34 Interim Financial Reporting, the New Zealand equivalent to International Accounting Standard 34 Interim Financial Reporting issued by the New Zealand Institute of Chartered Accountants, and other applicable financial reporting standards, as appropriate for profit-oriented entities.

The financial statements have also been prepared in accordance with the requirements of the Crown Entities Act 2004, the Crown Research Institutes Act 1992, the Companies Act 1993 and the Financial Reporting Act 1993.

#### 2. TAXATION

As a result of the change in tax legislation that was enacted on 31 May 2010, effective for the 2012 income year, the tax depreciation rate on buildings with an estimated useful life of 50 years or more was reduced to 0%.

ESR conducted a review in the 2011/12 year to assess the division of its buildings between depreciable and non-depreciable components for tax purposes. As a result of this review, a credit of \$580,000 has been recognised in tax expense in the year 30 June 2012.

## 3. RECONCILIATION OF PROFIT AFTER TAXATION TO CASH FLOWS FROM OPERATING ACTIVITIES

	Group unaudited 6 months ended 31 Dec 2012 \$'000s	Group audited 12 months ended 30 June 2012 \$'000s	Group unaudited 6 months ended 31 Dec 2011 \$'000s
Profit for the period	84	2,376	800
Non-cash items:			
Depreciation and amortisation	2,745	4,993	2,315
Finance charge on leases	-	_	98
Impairment of investment	-	88	-
Bad debts written off	-	9	-
(Decrease) / increase in deferred taxation liability	(169)	(785)	56
Foreign exchange (gain) / loss	(31)	34	1
Fair value gain on derivatives	(3)	(84)	
	2,542	4,255	2,470
Impact of changes in investing activities:			
Loss on sale of assets	_	20	_
	-	20	
Financing			
Finance charge on leases	3	11	
	3	11	
Changes in working capital:			
Decrease / (increase) in trade and other receivables	1,614	(2,575)	(1,087)
(Increase) / decrease in income tax receivable	(385)	574	(153)
(Increase) in inventories	(212)	(237)	(129)
Increase in employment benefits	233	694	410
(Decrease) in financial liabilities	-	_	(94)
(Decrease) / increase in trade and other payables	(3,795)	2,589	(1,450)
	(2,545)	1,045	(2,503)
Net cash inflow from operating activities	84	7,707	767

#### 4. BUSINESS COMBINATIONS

On 1 December 2011, ESR acquired the business and net assets of National Radiation Laboratory (NRL). NRL performs radiation monitoring services for local and international customers. The acquisition is expected to increase ESR's commercially generated revenue, provide additional profits to ESR's business and reduce cost through economies of scale. The excess consideration paid over tangible assets acquired of \$1,338,000 is attributable to the acquired customer base and the expectation of future profits.

	Group unaudited 6 months ended 31 Dec 2012 \$'000s	Group audited 12 months ended 30 June 2012 \$'000s	Group unaudited 6 months ended 31 Dec 2011 \$'000s
Total purchase consideration			
– cash paid	204	2,000	2,000
<ul> <li>additional consideration payable</li> </ul>	(204)	204	220
	_	2,204	2,220
Recognised amounts of identifiable net assets acquired and liabilities assumed			
Property, plant and equipment	-	811	811
Accounts receivable	-	181	197
Revenue in advance	-	(295)	(197)
Inventories	-	371	371
Employment benefit liabilities	-	(202)	(202)
Deferred tax	-	-	56
Net identifiable net assets	-	866	1,036
Goodwill and other identifiable intangible assets	-	1,338	1,184
Total	-	2,204	2,220

#### Acquisition-related costs

Acquisition-related costs of \$nil (2011: \$237,000) have been charged to administration expenses and are included in the statement of comprehensive income.

#### Revenue and profit contribution

The acquired business has contributed revenues of \$2,723,000 (2011: \$416,000, since 1 December 2011). The business made a direct contribution of \$721,000 (2011: \$35,000). If the acquisition had occurred on 1 July 2011, consolidated revenue and consolidated profit for the half year ended 31 December 2011 would have been \$27,884,000 and \$1,015,000 respectively.

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#### 5. CAPITAL COMMITMENTS

The following amounts have been committed to by ESR, but have not been recognised in the financial statements:

	Group unaudited 6 months ended 31 Dec 2012 \$'000s	Group audited 12 months ended 30 June 2012 \$'000s	Group unaudited 6 months ended 31 Dec 2011 \$'000s
Property, plant and equipment	1,337	212	100
Intangibles – software	209	-	-
Total capital commitments	1,546	212	100

#### 6. CONTINGENT LIABILITIES

There are no known material contingent liabilities at 31 December 2012 (2011: nil).

#### 7. EVENTS SUBSEQUENT TO BALANCE DATE

There were no events subsequent to reporting date that require disclosure in the financial statements.

### **Directory**

#### **Directors**

Dr Susan Macken (Chair) Ross Peat (Deputy Chair) Marion Cowden Dr Judith Johnston Tahu Leslie Potiki Patricia Schnauer Professor Bill Denny

#### Chief Executive

Graham Smith

#### Senior managers

Dr Keith Bedford General Manager Forensic

Esther Livingston General Manager Human Resources

Steven Pyne Chief Information Officer

Dr Fiona Thomson-Carter General Manager Environmental Health Nigel Thomson General Manager Business Services

#### Registered office

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#### **Auditor**

Chris Barber of PricewaterhouseCoopers on behalf of the Auditor-General

#### Banker

The ANZ Bank of New Zealand Limited

#### Solicitor

**Buddle Findlay** 

