

ELECTRO SENSORS INC  
Form 10-Q  
August 10, 2017

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

Form 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2017

Or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number 000-09587

ELECTRO-SENSORS, INC.

(Exact name of registrant as specified in its charter)

Minnesota  
(State or other jurisdiction of incorporation or organization)

41-0943459  
(IRS Employer Identification No.)

6111 Blue Circle Drive  
Minnetonka, Minnesota 55343-9108

(Address of principal executive offices)

(952) 930-0100

(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

|                         |   |
|-------------------------|---|
| Large accelerated filer | Accelerated filer   |
| Non-accelerated filer   | (Do not check if a smaller reporting company) Smaller reporting company |
|                         | Emerging growth company   |

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).  
Yes No

The number of shares outstanding of the registrant's common stock, \$0.10 par value, on August 09, 2017 was 3,395,521.

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ELECTRO-SENSORS, INC.

Form 10-Q

For the Periods Ended June 30, 2017

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PART I. FINANCIAL INFORMATIONItem 1. Financial Statements

## ELECTRO-SENSORS, INC.

BALANCE SHEETS

(in thousands except share and per share amounts)

|   | June 30,<br>2017 | December<br>31,<br>2016 |
|---|------------------|-------------------------|
|   | (unaudited)      |                         |
| <b>ASSETS</b>   |                  |                         |
| Current assets  |                  |                         |
| Cash and cash equivalents   | \$ 895           | \$ 840                  |
| Treasury bills  | 7,418            | 7,427                   |
| Trade receivables, less allowance for doubtful accounts of \$10 and \$8, respectively | 1,330            | 770                     |
| Inventories   | 1,478            | 1,515                   |
| Other current assets  | 120              | 174                     |
| Income tax receivable   | 0                | 66                      |
| Total current assets  | 11,241           | 10,792                  |
| Deferred income tax asset   | 258              | 198                     |
| Intangible assets, net  | 917              | 1,035                   |
| Property and equipment, net   | 1,007            | 1,033                   |
| Total assets  | \$ 13,423        | \$ 13,058               |
| <b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>   |                  |                         |
| Current liabilities   |                  |                         |
| Current maturities of contingent earn-out   | \$ 142           | \$ 0                    |
| Accounts payable  | 214              | 239                     |
| Accrued expenses  | 452              | 304                     |
| Accrued income tax  | 117              | 0                       |
| Total current liabilities   | 925              | 543                     |
| Long-term liabilities   |                  |                         |
| Contingent earn-out, net of current maturities  | 0                | 195                     |
| Total long-term liabilities   | 0                | 195                     |
| Commitments and contingencies   |                  |                         |

Stockholders' equity

|  |           |           |
|--|-----------|-----------|
| Common stock par value \$0.10 per share; authorized 10,000,000 shares; 3,395,521 shares issued and outstanding     | 339       | 339       |
| Additional paid-in capital   | 1,988     | 1,953     |
| Retained earnings  | 10,196    | 10,057    |
| Accumulated other comprehensive loss (unrealized loss on available-for-sale securities, net of income tax benefit) | (25 )     | (29 )     |
| Total stockholders' equity   | 12,498    | 12,320    |
| Total liabilities and stockholders' equity   | \$ 13,423 | \$ 13,058 |
| See accompanying notes to unaudited financial statements   |           |           |

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ELECTRO-SENSORS, INC.

STATEMENTS OF COMPREHENSIVE INCOME

(in thousands except share and per share amounts)

(unaudited)

|  | Three Months Ended<br>June 30, |         | Six Months Ended<br>June 30, |         |
|--|--------------------------------|---------|------------------------------|---------|
|  | 2017                           | 2016    | 2017                         | 2016    |
| Net sales  | \$2,301                        | \$2,009 | \$3,951                      | \$3,725 |
| Cost of goods sold   | 977                            | 835     | 1,728                        | 1,617   |
| Gross profit   | 1,324                          | 1,174   | 2,223                        | 2,108   |
| Operating expenses   |                                |         |                              |         |
| Selling and marketing  | 408                            | 448     | 785                          | 875     |
| General and administrative   | 379                            | 331     | 823                          | 813     |
| Research and development   | 201                            | 188     | 422                          | 361     |
| Total operating expenses   | 988                            | 967     | 2,030                        | 2,049   |
| Operating income   | 336                            | 207     | 193                          | 59      |
| Non-operating income (expense)   |                                |         |                              |         |
| Interest expense   | 0                              | 0       | 0                            | (1 )    |
| Interest income  | 5                              | 4       | 13                           | 15      |
| Other income   | 2                              | 6       | 5                            | 9       |
| Total non-operating income, net  | 7                              | 10      | 18                           | 23      |
| Income before income taxes   | 343                            | 217     | 211                          | 82      |
| Provision for income taxes   | 120                            | 77      | 72                           | 31      |
| Net income   | \$223                          | \$140   | \$139                        | \$51    |
| Other comprehensive income   |                                |         |                              |         |
| Change in unrealized value of available-for-sale securities, net of income tax | \$4                            | \$4     | \$4                          | \$4     |
| Other comprehensive income   | 4                              | 4       | 4                            | 4       |
| Net comprehensive income   | \$227                          | \$144   | \$143                        | \$55    |

Net income per share data:

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|                         |           |           |           |           |
|-------------------------|-----------|-----------|-----------|-----------|
| Basic                   |           |           |           |           |
| Net income per share    | \$0.06    | \$0.04    | \$0.04    | \$0.01    |
| Weighted average shares | 3,395,521 | 3,395,521 | 3,395,521 | 3,395,521 |
| Diluted                 |           |           |           |           |
| Net income per share    | \$0.06    | \$0.04    | \$0.04    | \$0.01    |
| Weighted average shares | 3,402,527 | 3,395,521 | 3,402,731 | 3,395,521 |

See accompanying notes to unaudited financial statements

ELECTRO-SENSORS, INC.

STATEMENTS OF CASH FLOWS

(in thousands)

(unaudited)

|  | Six Months Ended<br>June 30, |          |
|--|------------------------------|----------|
|  | 2017                         | 2016     |
| Cash flows from (used in) operating activities                                       |                              |          |
| Net income   | \$ 139                       | \$ 51    |
| Adjustments to reconcile net income to net cash from (used in) operating activities: |                              |          |
| Depreciation and amortization  | 156                          | 157      |
| Deferred income taxes  | (66 )                        | (21 )    |
| Stock-based compensation expense   | 35                           | 48       |
| Change in contingent earn-out fair value   | (53 )                        | (72 )    |
| Other  | (7 )                         | (15 )    |
| Change in:   |                              |          |
| Trade receivables  | (562 )                       | (346 )   |
| Inventories  | 37                           | 47       |
| Other current assets   | 54                           | 40       |
| Accounts payable   | (25 )                        | 42       |
| Accrued expenses   | 148                          | 2        |
| Income tax receivable/accrued income taxes   | 183                          | 47       |
| Net cash from (used in) operating activities   | 39                           | (20 )    |
| Cash flows from (used in) investing activities                                       |                              |          |
| Purchases of treasury bills  | (3,972)                      | (3,440 ) |
| Proceeds from the maturity of treasury bills   | 4,000                        | 3,843    |
| Purchase of property and equipment   | (12 )                        | (2 )     |
| Net cash from investing activities   | 16                           | 401      |
| Cash flows used in financing activities  |                              |          |
| Payments on long-term debt   | 0                            | (390 )   |
| Net cash used in financing activities  | 0                            | (390 )   |
| Net increase (decrease) in cash and cash equivalents                                 | 55                           | (9 )     |

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|                                      |        |        |
|--------------------------------------|--------|--------|
| Cash and cash equivalents, beginning | 840    | 569    |
| Cash and cash equivalents, ending    | \$ 895 | \$ 560 |
| Supplemental cash flow information   |        |        |
| Cash paid for income taxes           | \$ 0   | \$ 5   |
| Cash paid for interest               | \$ 0   | \$ 10  |

See accompanying notes to unaudited financial statements

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ELECTRO-SENSORS, INC.

NOTES TO FINANCIAL STATEMENTS  
FOR THE PERIOD ENDED JUNE 30, 2017

(in thousands except share and per share amounts)

(unaudited)

Note 1. Basis of Presentation

The accompanying unaudited financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America for interim financial information and with the instructions and regulations of the Securities and Exchange Commission to Form 10-Q. Accordingly, they do not include all of the information and footnotes required by accounting principles generally accepted in the United States of America for complete financial statements.

This report should be read together with the Company's Annual Report on Form 10-K for the year ended December 31, 2016, including the audited financial statements and footnotes therein.

Management believes that the unaudited financial statements include all adjustments, consisting of normal recurring accruals, necessary to fairly state the financial position and results of operations as of June 30, 2017 and for the three and six-month periods then ended in accordance with accounting principles generally accepted in the United States of America. The results of interim periods may not be indicative of results to be expected for the year.

Nature of Business

Electro-Sensors, Inc. manufactures and markets a complete line of monitoring and control systems for a variety of industrial machinery. The Company uses leading-edge technology to continuously improve its products and make them easier to use, with the ultimate goal of manufacturing the industry-preferred product for every market served. The Company sells these products through an internal sales staff, manufacturers' representatives, and distributors to a wide variety of industries that use the products in a variety of applications to monitor process machinery operations. The Company markets its products to customers located throughout the United States, Canada, Latin America, Europe, and Asia.

## Fair Value Measurements

The carrying value of trade receivables, accounts payable, and other financial working capital items approximates fair value at June 30, 2017 and December 31, 2016, due to the short maturity nature of these instruments.

## Stock-Based Compensation

The Company records compensation expense for stock options based on the estimated fair value of the options on the date of grant using the Black-Scholes-Merton (“BSM”) option pricing model. The Company uses historical data, among other factors, to estimate the expected price volatility, the expected option life, and the expected forfeiture rate. The risk-free interest rate is based on the U.S. Treasury yield curve in effect at the time of grant for the estimated life of the option.

## Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates. Significant estimates, including the underlying assumptions, consist of economic lives of long-lived assets, realizability of trade receivables, valuation of deferred tax assets/liabilities, inventory, investments, contingent earn-out, and stock compensation expense. It is at least reasonably possible that these estimates may change in the near term.

ELECTRO-SENSORS, INC.

NOTES TO FINANCIAL STATEMENTS

FOR THE PERIOD ENDED JUNE 30, 2017

(in thousands except share and per share amounts)

(unaudited)

## Note 2. Investments

The cost and estimated fair value of the Company's investments are as follows:

|                                      | Cost     | Gross<br>unrealized<br>gain | Gross<br>unrealized<br>loss | Fair<br>value |
|--------------------------------------|----------|-----------------------------|-----------------------------|---------------|
| June 30, 2017                        |          |                             |                             |               |
| Commercial Paper                     | \$ 376   | \$ 0                        | \$ 0                        | \$ 376        |
| Treasury Bills                       | 7,404    | 14                          | 0                           | 7,418         |
| Equity Securities                    | 54       | 0                           | (54 )                       | 0             |
|                                      | 7,834    | 14                          | (54 )                       | 7,794         |
| Less Cash Equivalents                | 376      | 0                           | 0                           | 376           |
| Total Investments, June 30, 2017     | \$ 7,458 | \$ 14                       | \$ (54 )                    | \$ 7,418      |
| December 31, 2016                    |          |                             |                             |               |
| Commercial Paper                     | \$ 348   | \$ 0                        | \$ 0                        | \$ 348        |
| Treasury Bills                       | 7,419    | 8                           | 0                           | 7,427         |
| Equity Securities                    | 54       | 0                           | (54 )                       | 0             |
|                                      | 7,821    | 8                           | (54 )                       | 7,775         |
| Less Cash Equivalents                | 348      | 0                           | 0                           | 348           |
| Total Investments, December 31, 2016 | \$ 7,473 | \$ 8                        | \$ (54 )                    | \$ 7,427      |

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**ELECTRO-SENSORS, INC.**

## NOTES TO FINANCIAL STATEMENTS

FOR THE PERIOD ENDED JUNE 30, 2017

(in thousands except share and per share amounts)

(unaudited)

## Note 3. Fair Value Measurements

The following table provides information on those assets and liabilities measured at fair value on a recurring basis.

June 30, 2017

|                     | Carrying amount<br>in balance sheet | Fair Value | Fair Value Measurement Using |         |         |
|---------------------|-------------------------------------|------------|------------------------------|---------|---------|
|                     |                                     |            | Level 1                      | Level 2 | Level 3 |
| Assets:             |                                     |            |                              |         |         |
| Cash equivalents    |                                     |            |                              |         |         |
| Commercial paper    | \$ 376                              | \$ 376     | \$ 376                       | \$ 0    | \$ 0    |
| Treasury bills      | 7,418                               | 7,418      | 7,418                        | 0       | 0       |
| Equity Securities   | 0                                   | 0          | 0                            | 0       | 0       |
| Liabilities:        |                                     |            |                              |         |         |
| Contingent earn-out | 142                                 | 142        | 0                            | 0       | 142     |

December 31, 2016

|                     | Carrying amount<br>in balance sheet | Fair Value | Fair Value Measurement Using |         |         |
|---------------------|-------------------------------------|------------|------------------------------|---------|---------|
|                     |                                     |            | Level 1                      | Level 2 | Level 3 |
| Assets:             |                                     |            |                              |         |         |
| Cash equivalents    |                                     |            |                              |         |         |
| Commercial paper    | \$ 348                              | \$ 348     | \$ 348                       | \$ 0    | \$ 0    |
| Treasury bills      | 7,427                               | 7,427      | 7,427                        | 0       | 0       |
| Equity Securities   | 0                                   | 0          | 0                            | 0       | 0       |
| Liabilities:        |                                     |            |                              |         |         |
| Contingent earn-out | 195                                 | 195        | 0                            | 0       | 195     |

The fair value of the commercial paper and treasury bills is based on quoted market prices in an active market. The available-for-sale equity security is a limited-marketable company. There is an insignificant market for the equity securities held. The Company has determined the value for this equity security based on financial and other factors, which are considered level 3 inputs in the fair value hierarchy.

The contingent earn-out relates to the 2014 acquisition of the HazardPRO product line. Management estimated the probability of meeting the revenue targets over the measurement period to determine the fair value of the contingent earn-out, which is considered a level 3 input in the fair value hierarchy.

The change in level 3 liabilities at fair value on a recurring basis is summarized as follows:

|                      | Three Months  |        | Six Months    |        |
|----------------------|---------------|--------|---------------|--------|
|                      | Ended June 30 |        | Ended June 30 |        |
|                      | 2017          | 2016   | 2017          | 2016   |
| Beginning Balance    | \$ 195        | \$ 455 | \$ 195        | \$ 455 |
| Change in Fair Value | (53 )         | (72 )  | (53 )         | (72 )  |
| Ending Balance       | \$ 142        | \$ 383 | \$ 142        | \$ 383 |

The 2017 decrease in the contingent liability reflects the Company's expectation of lower future contingent payments due to the limited time remaining in the earn-out period. The 2016 decrease also reflected the Company's expectation of moderately lower future contingent payments over the time remaining in the earn-out period.

ELECTRO-SENSORS, INC.

NOTES TO FINANCIAL STATEMENTS

FOR THE PERIOD ENDED JUNE 30, 2017

(in thousands except share and per share amounts)

(unaudited)

#### Note 4. Stock-Based Compensation

During the first quarter of 2016, the Company granted its Chief Executive Officer options to purchase 50,000 shares of common stock. The options were priced at fair market value and vested 20% on the grant date, with an additional 20% vesting on the first four anniversaries of the grant date. The options expire ten years from the date of grant.

The assumptions made in estimating the fair value of the options on the grant date based upon the BSM option-pricing model for the six months ended June 30, 2016 are as follows:

|                         |       |       |
|-------------------------|-------|-------|
| Dividend Yield          | 0.00  | %     |
| Expected Volatility     | 36.17 | %     |
| Risk Free Interest Rate | 1.31  | %     |
| Expected Life           | 6     | Years |

As of June 30, 2017, there was approximately \$33 of unrecognized compensation expense related to unvested director options. The Company expects to recognize this expense over the next three years.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

FORWARD-LOOKING STATEMENTS

This Form 10-Q contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, including statements regarding our expectations, beliefs, intentions or strategies regarding the future. Forward-looking statements include, but are not limited to, statements relating to our marketing efforts or our efforts to accelerate growth; our business development activities; our efforts to maintain or reduce production costs; our expected use of cash on hand; our cash requirements; and the sufficiency of our cash flows. Any statement that is not based solely upon historical facts, including our strategies for the future and the outcome of events that have not yet occurred, is a forward-looking statement.

All forward-looking statements in this document are based on information available to us as of the date of this Form 10-Q, and we assume no obligation to update any of these forward-looking statements, other than as required by law. Our actual results could differ materially from those projected or indicated in these forward-looking statements. These forward-looking statements are subject to certain risks and uncertainties that could cause future results to differ materially from our recent results or those projected in the forward-looking statements, including the accuracy of management's assumptions with respect to industry trends, fluctuations in industry conditions, the accuracy of management's assumptions regarding expenses and our cash needs and those listed under the heading "Cautionary Statements" under "Item 1—Business," in our Annual Report on Form 10-K for the year ended December 31, 2016.

CRITICAL ACCOUNTING ESTIMATES

The preparation of our financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make decisions based upon estimates, assumptions, and factors it considers relevant to the circumstances. These decisions include the selection of applicable accounting principles and the use of judgment in their application, and affect reported amounts and disclosures. Changes in economic conditions or other business circumstances may affect the outcomes of management's estimates and assumptions. An in-depth description of our accounting estimates can be found in the interim financial statements included in this report and in our Annual Report on Form 10-K for the fiscal year ended December 31, 2016. We have not developed new estimates subsequent to those discussed in our Annual Report.

The following table contains selected financial information, for the periods indicated, from our statements of comprehensive income expressed as a percentage of net sales.

| Three Months Ended<br>June 30, | Six Months Ended<br>June 30, |
|--------------------------------|------------------------------|
|--------------------------------|------------------------------|

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|                                 | 2017    | 2016    | 2017    | 2016    |
|---------------------------------|---------|---------|---------|---------|
| Net sales                       | 100.0 % | 100.0 % | 100.0 % | 100.0 % |
| Cost of goods sold              | 42.5    | 41.6    | 43.7    | 43.4    |
| Gross profit                    | 57.5    | 58.4    | 56.3    | 56.6    |
| Operating expenses              |         |         |         |         |
| Selling and marketing           | 17.7    | 22.3    | 19.9    | 23.5    |
| General and administrative      | 16.5    | 16.5    | 20.8    | 21.8    |
| Research and development        | 8.7     | 9.3     | 10.7    | 9.7     |
| Total operating expenses        | 42.9    | 48.1    | 51.4    | 55.0    |
| Operating income                | 14.6    | 10.3    | 4.9     | 1.6     |
| Non-operating income (expense)  |         |         |         |         |
| Interest income                 | 0.2     | 0.2     | 0.3     | 0.4     |
| Other income                    | 0.1     | 0.3     | 0.1     | 0.2     |
| Total non-operating income, net | 0.3     | 0.5     | 0.4     | 0.6     |
| Income before income taxes      | 14.9    | 10.8    | 5.3     | 2.2     |
| Provision for income taxes      | 5.2     | 3.8     | 1.8     | 0.8     |
| Net income                      | 9.7 %   | 7.0 %   | 3.5 %   | 1.4 %   |

The following paragraphs discuss the Company's performance for the three and six months ended June 30, 2017 and 2016.

## RESULTS OF OPERATIONS (in thousands)

### Net Sales

Net sales for the three-month period ended June 30, 2017 were \$2,301, an increase of \$292 or 14.5% over the same period in 2016. Net sales for the six-month period ended June 30, 2017 were \$3,951, an increase of \$226 or 6.1% over the same period in 2016.

The second quarter increase was primarily due to strong sales of our HazardPRO wireless hazard monitoring systems as well as improved large order performance, which we define as orders over five thousand dollars. We believe customers who deferred capital expenditures late in 2016 began to place those orders in the quarter. Additionally, the Company experienced significant growth in our international markets led predominately by sales in Canada, which increased \$93, or 88%, as compared to the same three-month period in 2016 and \$126, or 71%, as compared to the same six-month period in 2016.

### Gross Profit

Gross profit for the three months ended June 30, 2017 increased \$150, or 12.8%, over the same period in 2016. Gross profit for the six months ended June 30, 2017 increased \$115, or 5.5%, over the same period in 2016. Gross margin, as a percentage of net sales, decreased to 57.5% in the 2017 three-month period from 58.4% in the prior year, and decreased to 56.3% in the 2017 six-month period compared to 56.6% in the prior year. The slight decrease in gross margin percentage was due to a change in product mix during the three and six month periods.

### Operating Expenses

Total operating expenses increased \$21, or 2.2%, for the three months ended June 30, 2017 when compared to the same period in 2016 and decreased as a percentage of sales to 42.9% from 48.1%. Total operating expenses decreased \$19, or 0.9%, for the six months ended June 30, 2017 when compared to the same period in 2016 and decreased as a percentage of sales to 51.4% from 55.0%. The decreases in operating expenses as a percentage of sales were due primarily to increased revenues.

Selling and marketing expenses decreased \$40, or 8.9%, in the 2017 three-month period over the prior year, and decreased as a percentage of net sales to 17.7% from 22.3%. Selling and marketing expenses decreased \$90, or 10.3%, in the 2017 six-month period over the prior year period, and decreased as a percentage of net sales to 19.9% from 23.5%. The decrease for both the three-month period and the six-month period resulted from the Company using fewer outside sales representatives in 2017. The decrease in the six-month period also reflected lower travel expenses, and the fact that the Company provided fewer system demonstrations to potential customers in 2017.

General and administrative expenses increased \$48, or 14.5%, for the 2017 three-month period compared to the same period in 2016 but remained constant as a percentage of net sales. For the 2017 six-month period, general and administrative expenses increased \$10, or 1.2%, compared to the 2016 period and decreased slightly as a percentage of net sales to 20.8% from 21.8%. The increase for the three-month period was due to a smaller reversal of the HazardPRO contingent earn-out liability in 2017 and the timing of expenses for the Company's annual meeting, which were incurred in the second quarter of 2017 compared to the first quarter of 2016. The increase for the six-month period was due to the smaller reversal of the contingent earn-out liability, partially offset by a decrease in legal and professional fees. The Company decreased the accrual for the HazardPRO contingent payment by \$53 in the 2017 six-month period and by \$72 in the 2016 six-month period.

Research and development expenses increased \$13, or 6.9%, in the 2017 three-month period from the same period in 2016, and decreased as a percentage of net sales to 8.7% from 9.3%. For the 2017 six-month period, research and development expenses increased \$61, or 16.9%, over the 2016 period, and increased as a percentage of net sales to 10.7% from 9.7%. The increase for both periods in research and development costs was the result of increased contract engineering fees related to product enhancements.

#### Non-Operating Income (Expense)

Non-operating income decreased by \$3, or 30.0%, for the 2017 three-month period compared to the same 2016 period. Non-operating income decreased \$5, or 21.7%, in the six months ended June 30, 2017, when compared to the same period in 2016. This decrease was due to a decrease in other income.

#### Income Before Income Taxes

Income before income taxes was \$343 for the three months ended June 30, 2017, representing an increase of \$126, or 58.1%, when compared to the same period in 2016. Income before income taxes was \$211 for the six months ended June 30, 2017, representing an increase of \$129, or 157.3%, when compared to the same period in 2016. The increase for the three months was the result of higher 2017 gross profit, resulting primarily from greater sales, partially offset by a slight increase in operating expenses. The increase for the six months was the result of higher 2017 gross profit, primarily from greater sales, and a slight decrease in operating expenses.



## LIQUIDITY AND CAPITAL RESOURCES

Cash and cash equivalents were \$895 at June 30, 2017 and \$840 at December 31, 2016. The increase was mainly the result of an increase in cash from operating activities.

Cash from operating activities was \$39 for the six months ended June 30, 2017 compared to cash used in operating activities of \$20 for the six months ended June 30, 2016. The \$59 increase in cash generated by operating activities in the 2017 period was due to the increase in accounts payable and accrued expenses; partially offset by an increase in trade receivables. The increase in accounts payable and accrued expenses is due to increased inventory and payroll related expenses. The increase in accounts receivable is due to increased sales in the 2017 second quarter.

Cash generated from investing activities was \$16 and \$401 for the six months ended June 30, 2017 and 2016, respectively. During the six months ended June 30, 2017 and 2016, the Company had net proceeds of Treasury Bills with a maturity date of more than three months of \$28 and \$403, respectively. In addition, we purchased \$12 and \$2 of property and equipment during the six-month periods of 2017 and 2016, respectively.

We had no cash used or provided by financing activities in the six months ended June 30, 2017. We used \$390 of cash in financing activities in the six months ended June 30, 2016 as we made the final payment on the long-term debt owed to Harvest Engineering, Inc. for the technology we purchased in February 2014.

Our ongoing cash requirements will be primarily for capital expenditures, contingent earn-out, research and development, and working capital. Management believes that our cash on hand and any cash generated from operations will be sufficient to meet our cash requirements through at least the next 12 months.

### Off-balance Sheet Arrangements

As of June 30, 2017, the Company had no off-balance sheet arrangements or transactions.

### Future Business Development Activities

The Company continues to seek growth opportunities, both internally through the Company's existing portfolio of products, technologies and markets, as well as externally through technology partnerships or related-product acquisitions. Although the Company is continuing to explore these external opportunities, it currently has no agreements or understandings with any third parties.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

Not Applicable.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

Based on an evaluation under the supervision and with the participation of the Company's management, the Company's principal executive officer and principal financial officer has concluded that the Company's disclosure controls and procedures as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended ("Exchange Act") were effective as of June 30, 2017 to ensure that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is (i) recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission rules and forms and (ii) accumulated and communicated to the Company's management, including its principal executive officer and principal financial officer, as appropriate to allow timely decisions regarding required disclosure.

Changes in Internal Control Over Financial Reporting

There were no changes in the Company's internal control over financial reporting during the second quarter of 2017, which were identified in connection with management's evaluation required by paragraph (d) of Rules 13a-15 and 15d-15 under the Exchange Act, that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II – OTHER INFORMATION

Item 1. Legal Proceedings – None

Item 1A. Risk Factors – Not Applicable

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds – None

Item 3. Defaults Upon Senior Securities – None

Item 4. Mine Safety Disclosures – Not Applicable

Item 5. Other Information – None

Item 6. Exhibits

(a) Exhibits - See Exhibit Index following signature page.



SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Electro-Sensors, Inc.

August 10, 2017 /s/ David L. Klenk  
David L. Klenk  
Chief Executive Officer and Chief Financial Officer

August 10, 2017 /s/ Gloria M. Grundhoefer  
Gloria M. Grundhoefer  
Controller

EXHIBIT INDEX

ELECTRO-SENSORS, INC.

FORM 10-Q FOR QUARTER ENDED JUNE 30, 2017

Exhibit Description

31.1 Certification of CEO and CFO Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.

32.1 Certification of CEO and CFO Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

101 The following financial information from Electro-Sensors, Inc.'s Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2017, formatted in eXtensible Business Reporting Language XBRL: (i) Balance Sheets as of June 30, 2017 and December 31, 2016, (ii) Statements of Comprehensive Income for the three and six months ended June 30, 2017 and June 30, 2016, (iii) Statements of Cash Flows for the six months ended June 30, 2017 and June 30, 2016, and (iv) Notes to Financial Statements.