U.S. Securities and Exchange Commission

Washington, D.C. 20549

Form 10-QSB

For the quarterly period ended June 30, 2005

OR

| X | QUARTERLY REPORT UNDER SECTION 13 OR 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934 |
|---|--|
| | |
| | |

TRANSITION REPORT UNDER SECTION 13 OR 15 (d) OF THE EXCHANGE ACT

For the transition period from ______to _____

Commission File Number 0-11740

MESA LABORATORIES, INC.

(Exact Name of Small Business Issuer as Specified in its Charter)

COLORADO (State or other Jurisdiction of

84-0872291 (I.R.S. Employer

Incorporation or Organization)

Identification No.)

12100 WEST SIXTH AVENUE, LAKEWOOD, COLORADO (Address of Principal Executive Offices)

80228 (Zip Code)

Issuer s telephone number, including area code: (303) 987-8000

Check whether the Issuer (1) filed all reports required to be filed by Section 13 or 15 (d) of the Exchange Act, during the past 12 months and (2) has been subject to the filing requirements for the past 90 days. Yes x No ".

State the number of shares outstanding of each of the Issuer s classes of common stock, as of the latest practicable date:

There were 3,034,595 shares of the Issuer s common stock, no par value, outstanding as of June 30, 2005.

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ITEM 1. FINANCIAL STATEMENTS

MESA LABORATORIES, INC.

BALANCE SHEETS

(UNAUDITED)

| | JUNE 30, 2005 | | MARCH 31, 2005 | | |
|---|---------------|------------|----------------|------------|--|
| ASSETS | | | | | |
| CURRENT ASSETS | | | | | |
| Cash and Cash Equivalents | \$ | 5,695,000 | \$ | 4,978,000 | |
| Short-term Investments | | 1,878,000 | | 1,904,000 | |
| Accounts Receivable, Net | | 1,540,000 | | 1,992,000 | |
| Inventories | | 2,065,000 | | 1,941,000 | |
| Prepaid Expenses and Other | | 170,000 | | 308,000 | |
| TOTAL CURRENT ASSETS | | 11,348,000 | | 11,123,000 | |
| PROPERTY, PLANT & EQUIPMENT, NET | | 1,279,000 | | 1,265,000 | |
| OTHER ASSETS | | | | | |
| Goodwill and Other | _ | 4,208,000 | | 4,208,000 | |
| TOTAL ASSETS | \$ | 16,835,000 | \$ | 16,596,000 | |
| LIABILITIES AND STOCKHOLDERS EQUITY CURRENT LIABILITIES | | | | | |
| Accounts Payable | \$ | 262,000 | \$ | 262,000 | |
| Accrued Salaries & Payroll Taxes | Ф | 388,000 | ф | 558,000 | |
| Other Accrued Expenses | | 100.000 | | 90,000 | |
| Taxes Payable | | 191,000 | | 72,000 | |
| TOTAL CURRENT LIABILITIES | | 941,000 | | 982,000 | |
| LONG TERM LIABILITIES | | | | | |
| Deferred Income Taxes Payable | | 235,000 | | 235,000 | |
| STOCKHOLDERS EQUITY | | | | | |
| Preferred Stock, No Par Value | | | | | |
| Common Stock, No Par Value; authorized 8,000,000 shares; issued and outstanding, 3,034,595 shares | | | | | |
| (6/30/05) and 3,038,822 shares (3/31/05) | | 1,329,000 | | 1,335,000 | |
| Retained Earnings | | 14,330,000 | | 14,044,000 | |
| TOTAL STOCKHOLDERS EQUITY | | 15,659,000 | | 15,379,000 | |
| TOTAL LIABILITIES AND STOCKHOLDERS EQUITY | \$ | 16,835,000 | \$ | 16,596,000 | |

STATEMENTS OF OPERATIONS

(UNAUDITED)

| | Three Months Ended June 30, 2005 | Three Months Ended June 30, 2004 |
|---|--|--|
| Sales | \$ 2,440,000 | \$ 2,539,000 |
| | | |
| Cost of Goods Sold | 902,000 | 936,000 |
| Selling, General & Administrative | 660,000 | 563,000 |
| Research and Development | 89,000 | 94,000 |
| Other (Income) and Expenses | (39,000) | (15,000) |
| | 1,612,000 | 1,578,000 |
| | | |
| Earnings Before Income Taxes | 828,000 | 961,000 |
| Income Taxes | 288,000 | 336,000 |
| Net Income | \$ 540,000 | \$ 625,000 |
| M.I. D. Cl. (D.:) | ф. 10 | Ф 20 |
| Net Income Per Share (Basic) | \$.18 | \$.20 |
| Net Income Per Share (Diluted) | \$.17 | \$.20 |
| | | |
| Average Common Shares Outstanding (Basic) | 3,038,000 | 3,071,000 |
| Average Common Shares Outstanding (Diluted) | 3,131,000 | 3,171,000 |
| | | |

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STATEMENTS OF CASH FLOWS

(UNAUDITED)

| | Three Months Ended June 30, 2005 | Three Months Ended June 30, 2004 | | |
|--|--|--|--|--|
| Cash Flows From Operating Activities: | | | | |
| Net Income | \$ 540,000 | \$ 625,000 | | |
| Depreciation and Amortization | 23,000 | 23,000 | | |
| Change in Assets and Liabilities- | | | | |
| (Increase) Decrease in Accounts Receivable | 452,000 | (312,000) | | |
| (Increase) Decrease in Inventories | (124,000) | 9,000 | | |
| (Increase) Decrease in Prepaid Expenses | 138,000 | 119,000 | | |
| Increase (Decrease) in Accounts Payable | | 23,000 | | |
| Increase (Decrease) in Accrued Liabilities | (41,000) | 108,000 | | |
| | | | | |
| Net Cash (Used) Provided by Operating Activities | 988.000 | 595,000 | | |
| Net Cash (Osca) Hovided by Operating Activities | | 393,000 | | |
| | | | | |
| Cash Flows From Investing Activities: | | | | |
| Short-term Investments Redeemed | 26,000 | 39,000 | | |
| Capital Expenditures, Net of Retirements | (37,000) | | | |
| | | | | |
| Net Cash (Used) Provided by Investing Activities | (11,000) | 39,000 | | |
| | | | | |
| Cash Flows From Financing Activities: | | | | |
| Dividends Paid | (182,000) | (154,000) | | |
| Treasury Stock Purchases | (80,000) | (94,000) | | |
| Proceeds From Stock Options Exercised | 2,000 | 12,000 | | |
| Troceds From Stock Options Exercised | | 12,000 | | |
| Not Cook (Hood) Described by Discouring Asticities | (260,000) | (226,000) | | |
| Net Cash (Used) Provided by Financing Activities | (260,000) | (236,000) | | |
| | | | | |
| Net Increase (Decrease) In Cash and Cash Equivalents | 717,000 | 398,000 | | |
| | <u> </u> | | | |
| Cash and Cash Equivalents at Beginning of Period | 4,978,000 | 4,670,000 | | |
| | | | | |
| Cash and Cash Equivalents at End of Period | \$ 5.695.000 | \$ 5,068,000 | | |
| Cash and Cash Equivalents at End of Portod | | Ψ 5,000,000 | | |
| | | | | |

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2005 AND 2004

NOTE A. SUMMARY OF ACCOUNTING POLICIES

The summary of the Issuer s significant accounting policies are incorporated by reference to the Company s annual report on Form 10KSB, at March 31, 2005.

The accompanying unaudited condensed financial statements reflect all adjustments which, in the opinion of management, are necessary for a fair presentation of the results of operations, financial position and cash flows. The results of the interim period are not necessarily indicative of the results for the full year.

NOTE B. STOCK BASED COMPENSATION

The Company has stock based compensation plans, which are described more fully in Note 7 of the Company s annual report on Form 10KSB, at March 31, 2005. The Company has adopted the disclosure-only provisions of Statement of Financial Accounting Standards No. 123, Accounting for Stock-Based Compensation. Accordingly, no compensation cost has been recognized for the stock option plans. Had compensation cost for the Company s stock option plans been determined based on the fair value at the grant date for awards in fiscal 2006 and 2005 consistent with the provisions of SFAS No. 123, the Company s net earnings and earnings per share for the fiscal first quarter would have been reduced to the proforma amount indicated below:

| | June 30, | | | |
|---|----------|---------|-------|-------|
| | 20 | 005 | 20 | 004 |
| Net income - as reported | \$ 54 | 10,000 | \$ 62 | 5,000 |
| Add: Stock based employee compensation expense included in net income, net of related tax effects | | | | |
| Less: Total stock based compensation expense determined under fair value based method for | | | | |
| all awards net of related tax effects | (10 | 07,000) | | |
| | | | | |
| Net income - pro forma | \$ 43 | 33,000 | \$ 62 | 5,000 |
| Income per basic share - as reported | \$ | .18 | \$ | .20 |
| Income per basic share - pro forma | \$ | .14 | \$ | .20 |
| Income per diluted share - as reported | \$ | .17 | \$ | .20 |
| Income per diluted share - pro forma | \$ | .14 | \$ | .20 |

The fair value of each option grant is estimated on the date of grant using the Black-Scholes option-pricing. During the first quarter of fiscal 2005, no options were issued. For fiscal 2006, the fair value of each option grant is estimated on the date of grant using the Black-Scholes option-pricing model with the following assumptions used for grants: dividend yield of approximately 3.55%, expected volatility of approximately 36%, discount rate of 3.73%-4.13% and expected lives of 5 to 10 years.

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ITEM 2. MANAGEMENT S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Overview

Mesa Laboratories, Inc. manufactures and distributes electronic measurement systems for various niche applications, including renal treatment, food processing, medical sterilization, pharmaceutical processing and other industrial applications. Our Company follows a philosophy of manufacturing a high quality product and providing a high level of on-going service for those products. In order to optimize the performance of our Company and to build the value of the Company for its shareholders, we continually follow the trend of various key financial indicators. A sample of some of the most important of these indicators is presented in the following table.

Key Financial Indicators

For The Quarters Ended June 30,

| | | 2005 | 2004 | _ | 2003 | | 2002 |
|---------------------------------|------|------------|------------------|------|-----------|------|-----------|
| Cash and Investments | \$ | 7,573,000 | \$ 7,127,000 | \$: | 5,580,000 | | 1,163,000 |
| Trade Receivables | \$ | 1,594,000 | \$ 1,933,000 | \$ | 1,793,000 | \$ 1 | ,819,000 |
| Days Sales Outstanding | | 50 | 63 | | 68 | | 73 |
| Inventory | \$ | 2,065,000 | \$ 2,090,000 | \$ 2 | 2,277,000 | \$ 2 | 2,421,000 |
| Inventory Turns | | 1.8 | 1.8 | | 1.4 | | 1.3 |
| Working Capital | \$ 1 | 10,407,000 | \$ 10,492,000 | \$ 9 | 9,245,000 | \$ 8 | 3,420,000 |
| Current Ratio | | 12:1 | 14:1 | | 15:1 | | 19:1 |
| Average Return On: | | | | | | | |
| Stockholder Investment(1) | | 13.9% | 16.0% | | 14.3% | | 12.0% |
| Assets | | 12.9% | 15.2% | | 13.7% | | 11.5% |
| Invested Capital (2) | | 25.3% | 28.3% | | 22.0% | | 16.4% |
| Net Sales | \$ | 2,440,000 | \$ 2,539,000 | \$ 2 | 2,253,000 | \$ 2 | 2,052,000 |
| Gross Profit | \$ | 1,538,000 | \$ 1,603,000 | \$ | 1,447,000 | \$ 1 | ,241,000 |
| Gross Margin | | 63% | 63% | | 64% | | 60% |
| Operating Income | \$ | 789,000 | \$ 946,000 | \$ | 794,000 | \$ | 610,000 |
| Operating Margin | | 32% | 37% | | 35% | | 30% |
| Net Profit | \$ | 540,000 | \$ 625,000 | \$ | 523,000 | \$ | 420,000 |
| Net Profit Margin | | 22% | 25% | | 23% | | 20% |
| Earnings Per Diluted Share | \$ | .17 | \$.20 | \$ | .17 | \$ | .12 |
| Capital Expenditures(Net) | \$ | 37,000 | \$ | \$ | 2,000 | \$ | 23,000 |
| Head Count | | 50.5 | 48.5 | | 47.5 | | 49.5 |
| Sales Per Employee (Annualized) | \$ | 193,000 | \$ 209,000 | \$ | 190,000 | \$ | 166,000 |

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- (1) Average return on stockholder investment is calculated by dividing total net income by the average of end of period and beginning of year total stockholder s equity.
- (2) Average return on invested capital (invested capital = total assets current liabilities cash and short-term investments) is calculated by dividing total net income by the average of end of period and beginning of year invested capital.

While we continually try to optimize the overall performance and trends, the table above does highlight various exceptions. These exceptions are usually influenced by a more important need. The Current Ratio, while very healthy, has been decreasing. This change is due to a number of factors including the impact on cash of stock buybacks and the special dividend; lower inventory and increased accounts payable due to higher sales levels; and higher bonus accruals due to the higher sales level.

Results of Operations

Net Sales

Net sales for the first quarter of fiscal 2006 decreased four percent from fiscal 2005. In real dollars, net sales of \$2,440,000 in fiscal 2006 decreased \$99,000 from \$2,539,000 in 2005.

Our revenues come from two main sources, which include product revenues and parts and service revenues. Parts and service revenues are derived from on-going repair and recalibration or certification of our products. The certification or recalibration of product is usually a key component of the customer s own quality system and many of our customers operate in regulated industries, such as food processing or medical and pharmaceutical processing. For this reason, these revenues tend to be fairly stable and grow slowly over time. During the first quarter of fiscal years 2006 and 2005 our Company had parts and service revenue of \$663,000 and \$726,000. As a percentage of total revenue, parts and service revenues were 27% in 2006 and 29% in 2005.

The performance of new product sales is dependent on several factors, including general economic conditions in the United States and abroad, capital spending trends and the introduction of new products. Over the past three fiscal years, general economic conditions have been improving, and capital spending has also been increasing. New products released to the market over the past three fiscal years include the Datatrace Micropack III temperature loggers during the middle of fiscal 2003 and the Datatrace Micropack III humidity and pressure loggers at the end of fiscal 2004. All three loggers, temperature, humidity and pressure, utilize a common PC Interface system and operating software. For this reason, we believe that some customer purchasing decisions were probably delayed from fiscal 2004 into fiscal 2005, as those customers awaited introduction of the humidity and pressure loggers. For fiscal first quarter 2006 and 2005, product sales for our company were \$1,777,000 and \$1.813,000.

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Over the fiscal first quarter, our medical revenues increased three percent compared to the prior period. This increase was due to higher sales of meter products and parts and service. Currently, research and development efforts are in process to further enhance this line of products. Currently, the Company s latest development effort is completing customer trials and introduction is expected late in the fiscal second quarter.

During the fiscal first quarter, sales of the Datatrace brand of products decreased 10 percent from the prior year. At the end of fiscal 2004, we released our latest version of user software and shipped initial units of the Micropack III humidity and pressure loggers to customers. Regular shipments of these products began in the first quarter of fiscal 2005 adding some backlogged customer demand to the year ago quarterly sales. During the first quarter of fiscal 2006, new order volume and parts and service demand remained strong for Datatrace products, but heavier than usual personnel turn over slowed actual shipments during the quarter. This problem should be rectified during the second fiscal quarter of this year.

During the fiscal first quarter, sales of the Nusonics line of ultrasonic fluid measurement systems decreased by 10 percent. At this time Nusonics products still contribute less than 10 percent of our total sales.

Cost of Sales

Cost of sales as a percent of net sales during the first fiscal quarter increased 0.1 percent from fiscal 2005 to 37.0 percent. Most of our products enjoy gross margins in excess of 55%. Due to the fact that the dialysis products have sales concentrations to several companies that maintain large chains of treatment centers, the products that are sold to the renal market tend to be slightly more price sensitive than the data logging products. Therefore, shifts in product mix toward higher sales of Datatrace logging products will tend to produce lower cost of good sold expense and higher gross margins while shifts toward higher sales of medical products will normally produce the opposite effect on cost of goods sold expense and gross margins.

Over the current fiscal quarter, our Company experienced a higher growth rate in its medical sales, which led to a slight increase in cost of goods sold expense as a percent of sales compared to the prior year period. In addition we saw a decrease in Datatrace export sales as a percent of sales. Export products are sold at a discount to the Company s international distributors and produce a lower gross margin, thus a decrease in export sales would be expected to increase gross margins.

Selling, General and Administrative

General and administrative expenses tend to be fairly fixed and stable from year-to-year. To the greatest extent possible, we work at containing and minimizing these costs. Total administrative costs were \$244,000 for the fiscal first quarter and were unchanged from the prior year quarter.

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Our selling and marketing costs tend to be far more variable in relation to sales, although there are various exceptions. Some of these exceptions include the introduction of new products and the mix of international sales to domestic sales. For a product line experiencing introduction of a new product, costs will tend to be higher as a percent of sales due to higher advertising costs and sales training programs. Our Company s international sales are usually discounted and recorded at the net discounted price, so that a change in mix between international and domestic sales may influence sales and marketing costs. One other major influence on sales and marketing costs is the mix of domestic medical sales to all other domestic sales. Domestic medical sales are made by direct telemarketing representatives, which gives us a lower cost structure, when compared to the independent representative sales channels utilized by our other products.

During the first quarter of fiscal 2006 the company began the process of converting the domestic distribution of its Datatrace products from independent manufacturers representatives to our own direct sales force. This change is expected to give us increased sales effort and better control of the selling effort. To execute this strategy, we added two new direct sales representatives to our staff and converted a sales management position to a field sales representative position. These new hires, along with initial training was executed during June. For this reason, sales and marketing costs for the first quarter of fiscal 2006 increased significantly. As the year progresses, we expect to see a decrease in outside commissions which will partially off-set the costs of our new sales personnel. We would also expect to benefit from higher sales later in the year due to the increased sales effort provided by our new sales staff.

In dollars, selling costs were \$416,000 in the first fiscal quarter and \$319,000 in the same prior year quarter. As a percent of sales, selling cost was 17.0% in the current quarter and 12.6% in the prior year quarter. During the current fiscal quarter, most of the increase in selling expense was due to an increase in costs associated with the changes to domestic distribution of Datatrace logging products as described previously.

Research and Development

Company sponsored research and development cost was \$89,000 during the first fiscal quarter and \$94,000 during the previous year period. We are currently trying to execute a strategy of increasing the flow of internally developed products. This strategy has led to the introduction of two new Datatrace logging products in fiscal 2004 and a third Datatrace logging product early in fiscal 2005. Introduction of a new meter product to the dialysis market is expected late in the second fiscal quarter of this year.

Net Income

Net income decreased 14 percent to \$540,000 or \$.17 per share on a diluted basis during the quarter from \$625,000 or \$.20 per share on a diluted basis in the previous year period. Net income declined due primarily to the decrease in revenues and the increase in sales and marketing costs as highlighted previously.

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Liquidity and Capital Resources

On June 30, 2005, we had cash and short term investments of \$7,573,000. In addition, we had other current assets totaling \$3,775,000 and total current assets of \$11,348,000. Current liabilities of our Company were \$941,000 which resulted in a current ratio of 12:1.

Our Company has made capital acquisitions during the first fiscal quarter of \$37,000. We have instituted a program to repurchase up to 300,000 shares of our outstanding common stock. Under the plan, the shares may be purchased from time to time in the open market at prevailing prices or in negotiated transactions off the market. Shares purchased will be canceled and repurchases will be made with existing cash reserves. We do not maintain a set policy or schedule for our buyback program. Most of our stock buybacks have occurred during periods when the price to earnings multiple has been near historical low points, or during times when selling activity in the stock is out of balance with buying demand.

On November 12, 2003 our Board of Directors instituted a policy of paying regular quarterly dividends. On June 15, 2005, a quarterly dividend of \$.06 per common share was paid to shareholders of record on June 1, 2005.

Our Company invests its surplus capital in various interest bearing instruments, including money market funds, short-term treasuries and municipal bonds. All investments are fixed dollar investments with variable rates in order to minimize the risk of principal loss. In some cases, additional guarantees of the investment principal are provided in the form of bank letters of credit.

The Company does not currently maintain a line of credit or any other form of debt. Nor does the Company guarantee the debt of any other entity. The Company has maintained a long history of surplus cash flow from operations. This surplus cash flow has been used in the past to fund acquisitions and stock buybacks and is currently being partially utilized to fund our on-going dividend. If interesting candidates come to our attention, we may chose to pursue new acquisitions.

Contractual Obligations

At June 30, 2005 our only contractual obligations were open purchase orders for routine purchases of supplies and inventory, which would be payable in less than one year.

Forward Looking Statements

All statements other than statements of historical fact included in this annual report regarding our Company s financial position and operating and strategic initiatives and addressing industry developments are forward-looking statements. Where, in any forward-looking statement, the Company, or its management, expresses an expectation or belief as to future results, such expectation or belief is expressed in good faith and believed to have a reasonable basis, but there can be no assurance that the statement of expectation or belief will result or be achieved or accomplished. Factors which

| could cause actual results to differ materially from those anticipated, include but are not limited to general economic, financial and business |
|---|
| conditions; competition in the data logging market; competition in the kidney dialysis market; competition in the fluid measurement market; the |
| discontinuance of the practice of dialyzer reuse; the business abilities and judgment of personnel; the impacts of unusual items resulting from |
| ongoing evaluations of business strategies; and changes in business strategy. We do not intend to update these forward looking statements. You |
| are advised to review the Additional Cautionary Statements provided in our Company s most recent Form 10-KSB filing with the SEC for more |
| information about risks that could affect the financial results of Mesa Laboratories, Inc. |
| |

Critical Accounting Policies and Estimates

The preparation of our 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 our financial statements and accompanying notes. Actual results could differ materially from those estimates.

We believe that there are several accounting policies that are critical to understanding the Company s historical and future performance, as these policies affect the reported amounts of revenue and the more significant areas involving management s judgments and estimates. These significant accounting policies relate to revenue recognition, research and development costs, valuation of inventory, and valuation of long-lived assets. These policies, and the Company s procedures related to these policies, are described in detail below.

Revenue Recognition

We sell our products directly through our sales force and through distributors. Revenue from direct sales of our product is recognized upon shipment to the customer. Revenue from ongoing product service and repair is fully recognized upon completion and shipment of serviced product.

Research & Development Costs

Research and development activities consist primarily of new product development and continuing engineering on existing products. Costs related to research and development efforts on existing or potential products are expensed as incurred.

Valuation of Inventories

Inventories are stated at the lower of cost or market, using the first-in, first-out method (FIFO) to determine cost. The Company s policy is to periodically evaluate the market value of the inventory and the stage of product life cycle, and record a reserve for any inventory considered slow moving or obsolete.

Valuation of Long-Lived Assets and Goodwill

The Company assesses the realizable value of long-lived assets and goodwill for potential impairment at least annually or when events and circumstances warrant such a review. The carrying value of a long-lived asset is considered impaired when the anticipated fair value is less than its carrying value. In assessing the recoverability of our long-lived assets and goodwill, we must make assumptions regarding estimated future cash flows and other factors to determine the fair value of the respective assets. In addition, we must make assumptions regarding the useful lives of these assets.

The above listing is not intended to be a comprehensive list of all of our accounting policies. In many cases, the accounting treatment of a particular transaction is specifically dictated by accounting principles, generally accepted in the United States of America, with no need for management s judgment in their application. There are also areas in which management s judgment in selecting any viable alternative would not produce a materially different result. See our audited financial statements and notes thereto which begin at Item 7. Financial Statements of the Annual Report on Form 10-KSB which contain accounting policies and other disclosures required by accounting principles, generally accepted in the United States of America.

ITEM 4. Controls and Procedures

We maintain disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) that are designed to ensure that information required to be disclosed by us in the reports we file or submit under the Securities Exchange Act of 1934, as amended, is recorded, processed, summarized, and reported, within the time periods specified in the Securities and Exchange Commission s rules and forms and that such information is accumulated and communicated to our management, including our principal executive and principal financial officers, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure. Our Chief Executive Officer and Chief Financial Officer evaluated the effectiveness of the design and operation of our disclosure controls and procedures as of the end of the period covered in this Quarterly Report on Form 10-QSB. Based on that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective as of the end of such period.

There have been no changes in the Company s internal controls over financial reporting during the quarter ended June 30, 2005 identified in connection with the Company s evaluation that has materially affected, or is reasonably likely to materially affect, the Company s internal controls over financial reporting.

Management currently believes that once it has completed its review of internal controls, as mandated by Section 404 of the Sarbanes Oxley Act of 2002, that certain control weaknesses will be identified, including the inability of management to properly segment accounting duties due to the limited size of its accounting staff. Due to the constraints of the Company size, management may discover other similar areas of potential control weaknesses as its review and documentation of internal controls proceeds.

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PART II-OTHER INFORMATION

ITEM 2. Changes in securities, use of proceeds and issuer purchases of equity Securities

We made the following repurchases of our common stock, by month, within the first quarter of the fiscal year covered by this report:

| | Shares Purchased | Avg. Price Paid | Total Share Purchased as Part of Publicly Announced Plan | Remaining Shares to Purchase Under Plan |
|---------------------|---------------------|-----------------|--|---|
| April 1-30, 2005 | 1,146 | \$ 12.22 | 153,982 | 146,018 |
| May 1 31, 2005 | 790 | \$ 12.47 | 154,772 | 145,228 |
| June 1 30, 2005 | 4,437 | \$ 12.51 | 159,209 | 140,791 |
| | | | | |
| Total First Quarter | 6,373 | \$ 12.45 | | |

On June 19, 2003, the Board of Directors of Mesa Laboratories, Inc. adopted a share repurchase plan which allows for the repurchase of up 300,000 of the company s common shares. This plan will continue until the maximum is reached or the plan is terminated by further action of the Board.

ITEM 6. **Exhibits and reports on Form 8-K**

Exhibits:

- Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 31.1
- Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 31.2
- 32.1 Certification of Chief Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
- 32.2 Certification of Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

Reports on Form 8-K:

On May 17, 2005, the Registrant filed a Report on Form 8-K, under Item 2.02, reporting the issuance of a press release reporting revenues and earnings for the quarter and twelve months ended March 31, 2005.

JUNE 30, 2005

SIGNATURES

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

MESA LABORATORIES, INC. (Issuer)

DATED: August 12, 2005 BY: /s/ Luke R. Schmieder

Luke R. Schmieder

President, Chief Executive Officer,

Treasurer and Director

DATED: August 12, 2005 BY: /s/ Steven W. Peterson

Steven W. Peterson

Vice President-Finance, Chief Financial and Accounting Officer and

Secretary

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