**1. Name and Address of Reporting Person**
OBRIEN WILLIAM K
50 MINUTEMAN ROAD
ANDOVER MA 01810

**2. Issuer Name and Ticker or Trading Symbol**
MERCURY SYSTEMS INC [MRCY]

**3. Date of Earliest Transaction (Month/Day/Year)**
10/23/2019

**4. If Amendment, Date of Original Filed (Month/Day/Year)**

**5. Relationship of Reporting Person(s) to Issuer**
X Director 10% Owner
10% Owner
Officer (give title below)
Other (specify below)

**6. Individual or Joint/Group Filing (Check Applicable Line)**
X Form filed by One Reporting Person
Form filed by More than One Reporting Person

### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>Title of Security (Instr. 3)</th>
<th>Transaction Date (Month/Day/Year)</th>
<th>Deemed Execution Date, if any (Month/Day/Year)</th>
<th>Transaction Code (Instr. 8)</th>
<th>Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>Amount or Number of Shares (A) or (D)</th>
<th>Price</th>
<th>Amount or Number of Shares Following Reported Transaction(s) (Instr. 3 and 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>10/23/2019</td>
<td></td>
<td>A</td>
<td>1,961^(1)</td>
<td>6,322</td>
<td>$0.00</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td>A</td>
<td>53,991</td>
<td>I</td>
<td></td>
<td>Power of Attorney</td>
</tr>
</tbody>
</table>

### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th>Title of Derivative Security (Instr. 3)</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Transaction Date (Month/Day/Year)</th>
<th>Deemed Execution Date, if any (Month/Day/Year)</th>
<th>Number of Derivative Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price</th>
<th>Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

**Explanation of Responses:**
1. These shares of restricted stock vest at 100% on the first anniversary of the grant date.

**Remarks:**
/s/ Michelle McCarthy,
Attorney-in-Fact for OBRIEN WILLIAM K 10/25/2019

**Signature of Reporting Person**
Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).


Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.