California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program No. R1-2017-0020  
(Rescinds and Replaces Monitoring and Reporting Program No. R1-2011-0097)

for

Viavi Solutions  
(formerly JDS Uniphase Corporation/Optical Coating Laboratory Inc.)

2789 Northpoint Parkway  
Santa Rosa, California  
Case No. 1NSR095  
WDID No. 1B88067NSON

Sonoma County

This Monitoring and Reporting Program is issued pursuant to California Water Code  
Section 13267(b) and requires monitoring of the groundwater treatment system and  
submission of technical reports. The objective of monitoring conducted under this  
monitoring program is to provide the Discharger and the Regional Water Board with  
information concerning groundwater quality and the groundwater treatment system,  
neccessitated by the historic discharge of waste to the subsurface, and to demonstrate compliance with General Waste Discharge Requirements Order No. R1-2016-0034, General National Pollution Discharge Elimination System No. CAG911001, for “Discharges of Highly Treated Groundwater to Surface Waters Following Extraction and Treatment of Groundwater Polluted with Petroleum Hydrocarbons and Volatile Organic Compounds.” The burden, including costs, of these reports bears a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.

This Monitoring and Reporting Program rescinds and replaces Monitoring and Reporting Program No. R1-2011-0097.

The failure to furnish any of the required reports, or the submittal of substantially incomplete reports or false information, is a misdemeanor, and may result in additional enforcement actions being taken against the City, including issuance of an Administrative Civil Liability (ACL) Complaint pursuant to Water Code section 13268. Liability may be imposed pursuant to Water Code section 13268 in an amount not to exceed one thousand dollars ($1,000) for each day in which the violation occurs.

Under the authority of California Water Code section 13267, the Discharger named above is required to comply with the following:
**TREATMENT SYSTEM MONITORING**

**Monitoring Locations**

1. Treatment System Influent: “M-INF” - Untreated groundwater at a point in the groundwater collection system immediately prior to treatment.

2. Discharge Point 001: “M-001” - Treated effluent after treatment and before contact with the receiving water and/or dilution by any other water.

3. Receiving Water 001: “R-001” - Receiving water at an appropriate monitoring location upstream of the point of discharge that adequately represents upstream water quality (as shown in Attachment 1).

4. Receiving Water 002: “R-002” - Receiving water at an appropriate monitoring location downstream of the point of discharge that adequately represents downstream water quality (Attachment 1).

**Influent Monitoring (M-INF)**

5. The Discharger shall monitor untreated groundwater/influent to the treatment facility at monitoring location M-INF in accordance with the following schedule:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow</td>
<td>Continuous</td>
</tr>
<tr>
<td>Temperature</td>
<td>Monthly</td>
</tr>
<tr>
<td>pH</td>
<td>Monthly</td>
</tr>
<tr>
<td>Dissolved Oxygen</td>
<td>Semi-Annually</td>
</tr>
<tr>
<td>Volatile Organic Compounds by 8260</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

**Effluent-M-001**

6. The Discharger shall monitor treated effluent at monitoring location M-001 in accordance to the following schedule:
### Receiving Water-R-001 and R-002

7. Receiving water sampling shall be performed when water is present with a flow rate of at least 0.1 cubic feet per second. Monthly inspections of the receiving water shall be conducted to verify the presence or absence of water.

8. When receiving water is determined to have an appropriate flow rate for the collection of representative samples, the Discharger shall monitor receiving water at R-001 and R-002 according to the following schedule:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow</td>
<td>Continuous</td>
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</tr>
<tr>
<td>Dissolved Oxygen</td>
<td>Semi-Annually</td>
</tr>
<tr>
<td>Volatile Organic Compounds by 8260</td>
<td>Monthly</td>
</tr>
<tr>
<td>Acute Toxicity</td>
<td>Annually</td>
</tr>
<tr>
<td>Chronic Toxicity</td>
<td>Annually</td>
</tr>
</tbody>
</table>

### REPORTING

1. Semiannual monitoring reports shall be submitted to the Regional Water Board in accordance with the following schedule:
2. Monitoring data and reports shall be submitted to the Regional Water Board via the State Water Resources Control Board’s Geographic Environmental Information Management System database (GeoTracker) as specified in Title 23, Division 3, Chapter 30, Article 2, Sections 3890-3895 of the California Code of Regulations.

3. Monitoring reports shall be prepared by or under the supervision of a California Professional Civil Engineer or Geologist.

4. Each semiannual monitoring report shall include the following elements:
   a. A narrative description of the work conducted
   b. A narrative of remediation system operation, maintenance, performance, estimates of contaminant mass removed, and an evaluation of system performance
   c. Analytical data tables summarizing the current and historical analytical results for all treatment system influent, effluent, and receiving water samples.
   d. Laboratory reports, including QA/QC data
   e. Chain-of-custody documentation
   f. Field notes and/or sampling logs

Ordered by ________________________________________
Matthias St. John
Executive Officer
March 8, 2017