



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10

1200 Sixth Avenue, Suite 900
Seattle, WA 98101-3140

OFFICE OF
WATER AND
WATERSHEDS

Reply to Attn of: OWW-191

NOV 3 2017

Jeff Morissette
Photronics, Inc. nanoFab
10136 South Federal Way
Boise, ID 83716

Re: Additional Monitoring Requirements for Photronics, Inc. under the National Pollutant Discharge Elimination System Multi-Sector General Permit, Permit Reference No. IDR053137

Dear Mr. Morissette:

The purpose of this letter is to notify you of two additional monitoring requirements that must be implemented at your facility to maintain permit coverage under the U.S. Environmental Protection Agency's (EPA) 2015 Multi-Sector General Permit for Storm water Discharges Associated with Industrial Activity (MSGP). Based on the information provided in your Notice of Intent (NOI), storm water from the Photronics facility at 10136 South Federal Way in Boise, Idaho (Facility) discharges into Fivemile Creek. The State of Idaho Department of Environmental Quality established Total Daily Maximum Loads (TMDLs) for the Lower Boise River watershed for total phosphorus, sediment, and bacteria as *Escherichia coli* (*E.coli*), which includes this part of Five Mile Creek. I apologize that our first communication inadvertently left out sediment and bacteria.

Specific Requirements

Pursuant to Parts 2.2.2.1 and 6.2.4.1 of the MSGP, the Facility is required to conduct storm water monitoring for total phosphorus, TSS, and *E.coli* following the standard benchmark monitoring procedures outlined in the MSGP at Part 6.2.1. We will be updating your Discharge Monitoring Report form to reflect the addition of TSS and *E.coli*.


| Parameter | Benchmark Values | Source of Value |
|------------------|---|---|
| Total Phosphorus | 0.1 mg/L May 1-Sept 30 0.35 mg/L Oct 1- April 30 | Lower Boise River TMDL 2015 Total Phosphorus Addendum |
| TSS | 33 mg/L | Lower Boise River TMDL, 2015 Sediment and Bacteria Addendum, Table 27 |
| <i>E.coli</i> | 126 cfu/100 mL | Lower Boise River TMDL, 2015 Sediment and Bacteria Addendum, Part 5.4.4 |

Basis for EPA to Add Additional Requirements

Part 2.2.2.1 of the MSGP, Existing Discharge to an Impaired Water with an EPA Approved or Established TMDL, states, "If you discharge to an impaired water with an EPA-approved or established TMDL, EPA will inform you whether any additional measures are necessary for your discharge to be consistent with the assumptions and requirements of the applicable TMDL and its wasteload allocation, or if coverage under an individual permit is necessary per Part 1.2.3." See also Part 6.2.5 of the MSGP (allowing EPA to notify a facility of additional monitoring requirements).

If you have any questions, please contact Margaret McCauley of my staff at mccauley.margaret@epa.gov or (206) 553-1772.

Sincerely,


for Karen Burgess, Acting Manager
NPDES Permits Unit

cc: Lance Holloway, Idaho Department of Environmental Quality