

# 1200-A NPDES Permit Training

## Schedules A & B A Brief Summary

February 21, 2018  
Salem, Oregon

The permit contains two main sections that outline expectations for permit compliance.

These sections are known as

# Schedule A

and

# Schedule B

# Schedule A - TBELs

(Narrative Technology Based Effluent Limits)

What's a TBEL?

*TBELs are methods facilities implement to prevent pollution by using demonstrated technologies for reducing discharges of pollutants into waters of the state.*

# For Example:

## Implement Erosion and Sediment Control (*Schedule A.1.a*)

- Keep settling ponds clean to maintain proper functionality
- Prevent vehicle track-out with graveled access/egress points, an exit wheel wash, or reducing truck traffic in the mining area during wet weather
- Stabilize stockpiles or overburden to reduce erosion
- Divert stormwater and mine dewatering water away from exposed areas and industrial process areas

*This is not a conclusive list*

## Minimize Exposure (Schedule A.1.b)

- Cover manufacturing and other processing areas to prevent contact with stormwater that will discharge to surface water
- Store all hazardous substances in secondary containment
- Store uncured concrete in bermed areas to prevent commingled stormwater from discharging to surface water
- Divert stormwater and mine dewatering water away from industrial process areas
- Conduct cleaning operations indoors or within bermed areas to prevent runoff from discharging

*This is not a conclusive list*

## Oil and Grease Control (Schedule A.1.c)

- Install oil/water separators where possible
- Use booms or skimmers in conveyance structures or settling ponds

*This is not a conclusive list*

## Waste Chemical and Material Disposal (Schedule A.1.d)

- Cover waste bins
- Avoid accumulation of scrap metal, tires, wrecked vehicles, garbage, trash, etc
- Store usable metal materials under cover, away from areas where stormwater can pond or flow

*This is not a conclusive list*

## Housekeeping (Schedule A. 1.f)

- Keep the site clean and orderly
- Implement a sweeping schedule, including and adjacent public roads
- Keep up maintenance of vehicles to reduce leaking
- THIS INCLUDES INSIDE MAINTENACE SHOPS

*This is not a conclusive list*



## Preventative Maintenance (Schedule A.1.h)

- Regularly inspect, clean, repair, and maintain ALL industrial equipment and process that are exposed to stormwater
- Clean, maintain, and repair all control measures on a regular basis

PREVENTATIVE MAINTENANCE HELPS ENSURE COMPLIANCE

*This is not a conclusive list*

## Employee Education (Schedule A.1.j)

- For all employees that work in areas of stormwater exposure or are responsible for implementing the Stormwater Pollution Control Plan
- All new employees within 30 days of hire
- All employees annually
- Cover specific details to help keep the site in compliance
- Make sure employees understand the function of BMPs and how to respond when they fail

IF YOUR EMPLOYEES ARE HELPING YOU, IT HELPS TAKE THE PRESSURE OFF

*This is not a conclusive list*

# Water Quality Standards

*(Schedule A.4)*

- No more than a 10% increase in background turbidity in the receiving water body
- pH varies depending on water body and drainage basin
- Samples can be under the benchmark parameters and still violate water quality standards
- Inspect discharge point frequently for visual turbidity (and other things), if you notice a difference in the turbidity of the stream and the discharge, cease discharge and do something.
  - Notify DEQ or DOGAMI
  - Find out why
  - Do something different
  - Revise the SWPCP

# Schedule B

## Monitoring and Inspections

- All facilities must monitoring for the established statewide benchmarks
  - pH between 5.5 and 9.0 SU (with a meter, NO pH PAPER)
  - TSS or Total Suspended Solids, 100 mg/L or less
  - Settleable Solids, 0.20 ml/L or less
  - Total Oil & Grease, 10 mg/L
- Some facilities have impairment pollutants, these are based off of the receiving water body. Check your assignment letter.
- Samples must be representative of the site discharge. No samples are to be collected after dilution from another drainage basin on the site or another water source.

# Schedule B

## Monitoring and Inspections

- Sampling points must match those described in the SWPCP
- All discharge points must be sampled unless proved to be substantially similar to other discharge points using supporting DATA AND ANALYSIS
  - Use past monitoring data
  - Perform analysis of industrial activities and site characteristics
- All facilities must sample 4 times during each monitoring year, no less than 14 days apart
  - Two samples between July 1<sup>st</sup> through December 31<sup>st</sup>
  - Two samples between January 1<sup>st</sup> through June 30<sup>th</sup>
- Monitoring variances must be requested every year with supporting data and analysis
  - Must demonstrate that onsite retention was enough to prevent discharge
  - Provide rain gauge data
  - Provide photos
  - Additional requirements on a per site basis

**All waivers are terminated  
for all facilities.\***

\*For facilities administratively extended under the 2012-2017 1200-A NPDES permit

# Inspections

Facilities covered under the 1200-A permit have intensive inspection requirements. These inspections are intended to help you catch potential compliance issues or water quality issues early to prevent violations.

## So How Often?

- If your site has a stormwater or wastewater containment system, dikes for containment, or ponds having freeboard limits: Daily when operating
- Areas of mine clearing, grading, and excavation: daily when raining or monthly if entire site is stabilized
- All streams within 300 ft of an active seepage pond: weekly when operating
- Industrial activities, BMPs, stockpiles, material storage, and other areas exposed to stormwater: monthly
- Monitoring points: monthly when discharging
- Stormwater Control facilities: annually before wet season

Now Lisa will show us a video about how to sample stormwater, provide a demonstration using a turbidometer, and talk about inspection reports.



# Contact Information:

Michael Kennedy  
DEQ – Northwest Region  
700 NE Multnomah Street, Suite 600  
Portland, Oregon 97232  
503-229-6843  
[kennedy.michael@deq.state.or.us](mailto:kennedy.michael@deq.state.or.us)