US ERA ARCHIVE DOCUMENT

Nonpoint Source, Point Source, and the NPDES permit

Tiffany Eastman
EPA Region 9 Tribal NPS Program Coordinator

What is the difference between Point Source and Nonpoint Source Pollution?

What is Point Source (PS)?

 Distinct conveyances such as pipes or man-made ditches



What is Nonpoint Source (NPS)?

 Occurs when rainfall, snowmelt, or irrigation runs over land or through the ground, picks up pollutants, and transports them into surface waters or ground water.

If the project site is:

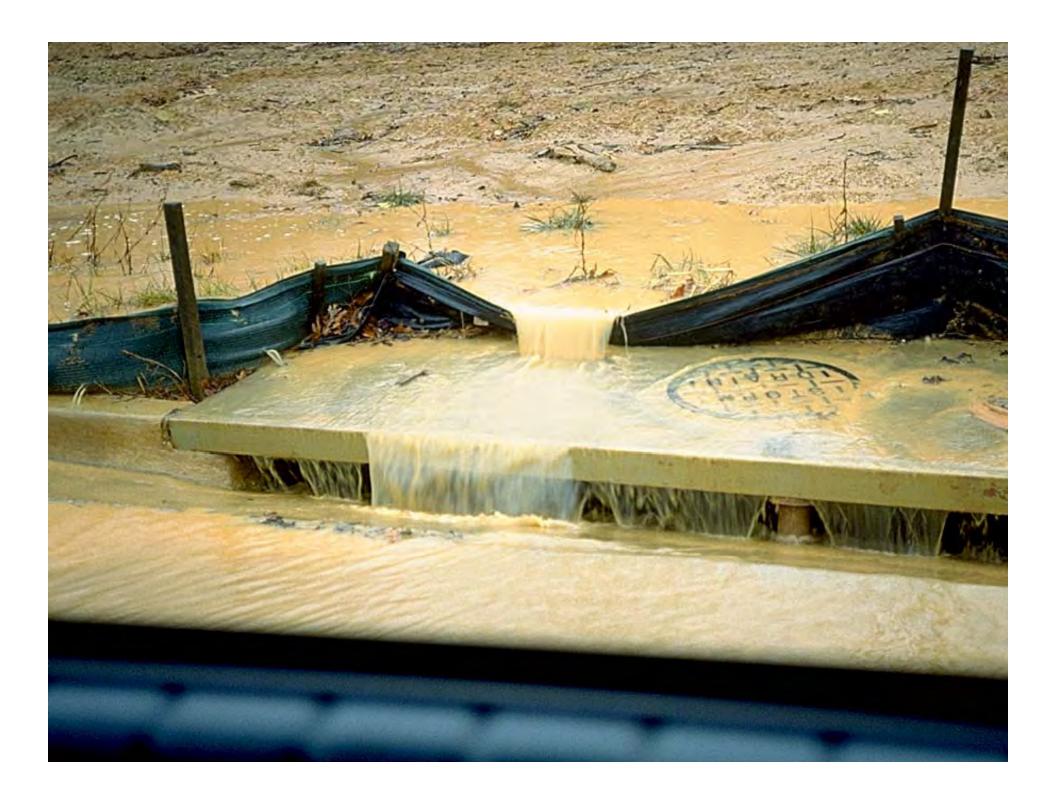
 More than 1 acre, polluted runoff is called Point Source (PS)

 <u>Less</u> than 1 acre, polluted runoff is called **Nonpoint** Source (NPS)









Point Source & NPDES Permit

- If the construction site is **more** than one acre, an NPDES permit is required
- The Best Management Practices (BMPs) to be implemented to address polluted runoff are identified within the NPDES permit or the Stormwater Pollution Prevention Plan (SWPPP)

Compliance Assistance

 Available to help the regulated community understand and meet its obligations pursuant to environmental regulations (such as NPDES permit)

EPA Region 9 Compliance Assistance Coordinator

Hillary Hecht

415-947-4266

hecht.hillary@epa.gov

NPS & NPDES Permit

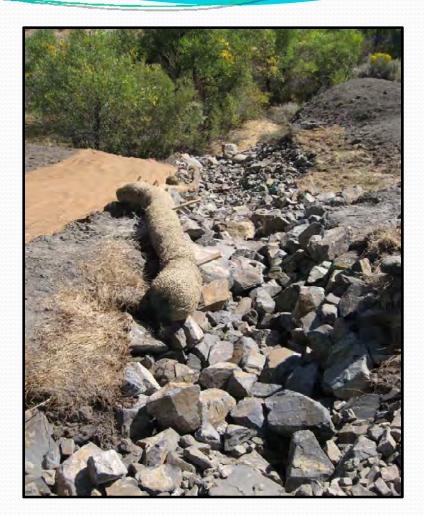
- If the construction site is <u>less</u> than one acre, an NPDES permit is <u>not</u> required
- Water quality impacts by polluted runoff are similar to point sources of pollution and project sites more than 1 acre
- Best Management Practices (BMPs) to be implemented are the same as for PS

NPS Grant Program for Tribes

- Clean Water Act Section 319 Provides funds for eligible tribes to develop and implement polluted runoff control programs
 - Eligible activities included implementing BMPs that address stormwater runoff
- Funding is available on an annual basis at the national level through EPA to all eligible tribes



Hopland Band of Pomo Indians to decrease sedimentation to nearby creek



Washoe Tribe of NV & CA to decrease runoff and sedimentation

Watershed-Based Plan

- EPA encourages tribes to address polluted runoff at a watershed level thinking outside of the box approach
- CWA Section 319 funds can be used for the development and implementation of a Watershed-Based Plan
 - Addresses both PS and NPS

Any Questions?

Tiffany Eastman
EPA Region 9 Tribal NPS Program Coordinator
eastman.tiffany@epa.gov

Audrey L. Johnson johnson.audreyl@epa.gov 415-972-3431