



SPDES DISCHARGE PERMIT Simple Mixing Zone Form

Purpose & Instructions

The following information will inform the Department's review of your SPDES permit and the resulting effect on the receiving waterbody. Complete the information (one form for each outfall) based on either field observations or schematics/design drawings to the best of your ability. Please see the Mixing Zone Guidance for additional instructions. If an item is unavailable or non-applicable, please describe. Submit with the NY-2A or NY-2C Application Form to SPDESapp@dec.ny.gov.

Facility Name: _____ SPDES No.: _____ Outfall #: _____
NYSDEC Permit Writer: _____ Receiving Waterbody Class: _____
Email: _____ Phone No.: _____

Observation Information

Name & Title of Observer: _____ Date of Observation: _____
Phone Number: _____ Email: _____
Name of Receiving Waterbody: _____
Weather conditions at time of observation (describe any recent rain/melt events):

Avg. Width (ft): _____ Avg. Depth (ft): _____ Local Depth at Outfall (ft): _____
Has the receiving waterbody run dry in the last 5 years? Yes No
Are tidal conditions present? Yes No

Outfall Location & Configuration

Outfall #: _____ Location at end of pipe: _____ Latitude: _____ Longitude: _____
Describe outfall (location, size, configuration, condition of the structure):

- Option #1:** Bank Discharge (outfall pipe/channel does not extend very far into waterbody)
- Outfall pipe (____in diameter) discharges to waterbody at ____ feet from bank
OR
 - Channel/Ditch (____ft wide x ____ft deep x ____ft long) discharges to waterbody at bank
- Option #2:** Extended Pipe Discharge (outfall pipe extends into waterbody)
- Outfall pipe (____in diameter) is a single pipe with an open end or no diffuser
OR
 - Outfall pipe (____in diameter) has a diffuser with ____ port(s)

Outfall Photos & Schematics

Upload or attach photos/schematics that depict the location of the outfall (i.e. photo of outfall pipe/channel, satellite image with location of outfall, hand sketch, design schematic, view upstream, view downstream).

You will be prompted twice to select your photo/schematic.

Description:

Description:

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