

TOWN OF GREENFIELD

**New York State Department of Environmental Conservation
SPDES General Permit Coverage
For
Municipal Separate Storm Sewer Systems**

Permit # NYR20A123

STORM WATER MANAGEMENT PROGRAM

PROCEDURES FOR DRY WEATHER STORM OUTFALL OBSERVATIONS

AS PART OF THE ILLICIT DISCHARGE DETECTION & ELIMINATION PROGRAM

Date: December, 2007



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**STORM OUTFALL
DRY WEATHER OBSERVATION
AND FOLLOW UP PROCEDURES**

December 2007

- Dry weather observations will be made twice per year during the spring (April or May) and during autumn (September or October).
- Observations will be made by the Town Engineer or an appointed representative.
- Observations will be made within Town rights of way.
- Observations are to be made during the afternoon and on days when there has been no measurable rainfall in the previous 48 hours according to a local weather reporting station.
- Visual observations are to be made at each of 4 outfall locations as identified on the Town of Greenfield MS4 map.
- Observations are to be recorded on the dry weather reporting form and will be added to the MS4 map annually.
- Any observed discharges will be noted as to the approximate depth, velocity and water quality characteristics such as turbidity, odor, color and general appearance of the downstream drainage corridor.
- Observed discharges will prompt further immediate observation upstream from the discharge point. To the extent possible, the source of flow will be determined and noted.
- Any discharge where the flow source can't be determined and where there is not an immediate concern based on its observable characteristics, will be flagged for additional monitoring. If the same outfall exhibits unknown discharges for four consecutive dry weather observations, water quality testing at that location will be conducted to determine if an illicit discharge is present.
- If water quality testing performed on an outfall confirms purity, the volume of discharge noted at that location will be deemed to be a base flow and further testing of that outfall will not be conducted unless a notable increase in that base flow is recorded for two more consecutive observations.

