

Issue of discharge of untreated engine oil from Locomotive Shed Tughlakabad, Delhi into drain flowing through Mohan Co-operative Industrial Area into Agra Canal.

Undersigned examined Shed effluent discharge lines and checked the actual cause of the reported problem of untreated Engine oil flow in Municipal Drain (Dirty Drain).

Following are the observations and findings:

1. It was seen that very little amount untreated engine oil was discharged into Municipal Drain as most of the engine oil was found being discharged after getting treated through Shed's Effluent Treatment Plant (ETP). However, heavy blackish effluent was found flowing through Municipal Drain from Okhla Industrial Side which needs to be examined by the authorities concerned.
2. Shed has 03 discharge lines connected with Effluent Treatment Plant (ETP). Out of these 03 discharge lines, 02 lines were found partially/fully disconnected with ETP.

Action plan to contain little amount of engine oil discharged in to Municipal drain:

Partially/fully disconnected lines will require repair/rectification in the form of heavy civil engineering work. Thus every effort would be made to complete repair/rectification work of line No. 2 & 3 by Railway Civil Engineering Department within a time frame of 3 Months i.e., by 1st week of December 2023. This way complete Shed Effluent will flow to ETP and oil free discharge to main drain will be ensured.

SH. J.K. Wadhwa
SSE/W/M/TKD

Om Prakash
CMS/Lab

Vinod Kumar
SSE/Gen

Sheesh Ram
SSE/Planning

Anil Maurya
ACMT/GZB