

Initial data for the design of storm water treatment facilities

Name of the object	
Location region of the object	
Project Manager	
Contact details	
Date of filling in	

Parameter and nature of wastewater	
The nature of wastewater	Storm sewer
Type of production (for production facilities)	
Volume of waste water, l/s	
Catchment area with asphalt pavement, ha	
Catchment area from roofs, lawns	
Percentage of the area cleaned in winter, %	
Working shift time for the company, hour	
Wastewater temperature (minimum), °C	
Wastewater temperature (maximum), °C	
Parameters of the installation site of the CBS	
Depth of laying of the feed collector tray, mm	
Diameter of the supply manifold, mm	
Waste water supply	
The point of discharge of treated water	
Site parameters (dimensions, soils)	
Special requirements	

Do you need an ultraviolet disinfection unit?	
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Additional requirements

Additionally, a site plan for the placement of the CBS is presented with an indication of the points of supply of the drain, process water, and electrical networks. It is necessary to specify the total flow rate $q = L / S$ at the outlet of the VOC, for the possibility of selecting a pipeline diverting from the VOC.

Chemical analysis of runoff

Indicator	Quantity in incoming melt runoff, mg/l	Permissible amount after cleaning, mg/l
BPK20		
CHPK		
Concentration of explosives		
NP concentration		
pH level		
Oil and petroleum products		
Synthetic surfactants		
too, nonionic		
intermediate anionic		
too, nonionic		
Formaldehyde		
Sulfides		
Copper		
Nickel		
Cadmium		
Chromium (Trivalent)		
Zinc		
Sulphurous dyes		
Arsenic		
Phosphates		
Phenol		
Disinfectants		
Total salinity		
Chlorides		
Fats		