



# CITY OF SILVERTON Water Quality

400 Schemmel Lane | Silverton, Oregon 97381

Oregon Department of Environmental Quality

National Pollution Discharge Elimination System (NPDES) Permit No. 101720

## Water Quality Standards

This list is the current NPDES Permit requirements for the City of Silverton Waste Water Treatment Plant.

Any Violations of the requirements will be highlighted in yellow on the Discharge Monitoring Reports (DMR)

E. coli Bacteria	Not exceed 126 organisms per 100ml monthly geometric mean, and not exceed 406 organisms per 100ml in a single sample
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pH	Shall be within the range of 6.5 – 9.0
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CBOD and TSS Removal Efficiency	Shall not be less than 85% monthly average for CBOD and TSS
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Dissolved Oxygen	Shall not be less than 6.5mg/l as a daily average (May 1 – October 31)
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Ammonia (NH <sub>3</sub> -N)	Shall not exceed a monthly average concentration of 0.88mg/l and a daily maximum concentration of 2.0 mg/l (May 1 – October 31)
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Excess Thermal Load (May 16 – October 14)	Shall not exceed a weekly average of 5.2 Million Kcals/day
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Excess Thermal Load (October 15 – May 15)	Shall not exceed a weekly average of 21 Million Kcals/day
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## Treated Effluent Outfall 001 (to Silver Creek) May 1 – October

Parameter	Average Effluent Concentrations Monthly	Average Effluent Concentrations Weekly	Monthly Average lbs/day	Weekly Average lbs/day	Daily Maximum
CBOD	10 mg/l	15 mg/l	300	330	420
TSS	10 mg/l	15 mg/l	300	330	420

## November 1 – April 30

Parameter	Average Effluent Concentrations Monthly	Average Effluent Concentrations Weekly	Monthly Average lbs/day	Weekly Average lbs/day	Daily Maximum
CBOD	25 mg/l	40 mg/l	830	1100	1500
TSS	30 mg/l	45 mg/l	1300	1700	2200

## Treated Effluent Outfall 002 ( Oregon Gardens)

Parameter	Average Effluent Concentrations Monthly	Average Effluent Concentrations Weekly	Monthly Average lbs/day	Weekly Average lbs/day	Daily Maximum
CBOD	10 mg/l	15 mg/l	300	330	420
TSS	10 mg/l	15 mg/l	300	330	420