

**SANDUSKY COUNTY COMPREHENSIVE WATER AND
SANITARY SEWER GENERAL PLAN**

PREPARED FOR:

SANDUSKY COUNTY COMMISSIONERS

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Appendix

End Notes
Sandusky County Critical Sewer Areas

ABBREVIATIONS

ADF	Average Daily Flow
BOD ₅	Five Day Biochemical Oxygen Demand
CDBG	Community Development Block Grant
CFR	Code of Federal Regulations
cfs	cubic feet per second
CIP	Cast Iron Pipe
CSO	Combined Sewer Overflow
cu. ft. or ft. ³	cubic feet or feet cubed (volume)
CWA	Clean Water Act
c.y. or yd. ³	cubic yard or yard cubed (volume)
D/DBP	Disinfectants/Disinfection By-Products
°C	Degrees Centigrade
dia.	diameter
DMA	Designated Management Agency
D.O.	Dissolved Oxygen
FEMA	Federal Emergency Management Agency
FPA	Facility Planning Area
fps or FPS	feet per second
ft. or '	feet
gals.	gallons
gpad	Gallons per acre per day
GPCD	Gallons Per Capita per Day
GPD	Gallons per Day
gpg	grains per gallon
G.P.H.	Gallons Per Hour
gpm or GPM	gallons per minute
HAA5	Haloacetic Acids
HSTS	Household Sewage Treatment Systems
I/I	Infiltration/Inflow
JEDD	Joint Economic Development District

I.f.	lineal feet
MCL	Maximum Contaminant Level
MG	Million Gallons
MGD or mgd	Million Gallons per Day
mg/l or mg/L	milligrams per liter
MHI	Median Household Income
ml	milliliter
MRDL	Minimum Residual Disinfectant Level
NPDES	National Pollution Discharge Elimination System
N.F.L.	Total Non-Filterable Residue (Also Called Suspended Solids)
OAC	Ohio Administrative Code
ODH	Ohio Department of Health
ODNR	Ohio Department of Natural Resources
ODOD	Ohio Department of Development
OEPA	Ohio Environmental Protection Agency
ONRW	Outstanding National Resource Water
OPWC	Ohio Public Works Commission
ORC	Ohio Revised Code
pH	A measure of the acidity or alkalinity of a substance. Acids range up to pH7, with 7 being neutral. Alkalies range to pH14.
POTW	Publicly Owned Treatment Works
psi	pounds per square inch
PVC	Polyvinyl Chloride Pipe
PWS	Public Water Systems
Q	flow rate
SCSE	Sandusky County Sanitary Engineer
SDWA	Safe Drinking Water Act
s.f. or sq. ft. or ft. ²	square feet or feet squared (area)
SMCL	Secondary Maximum Contaminant Level
STU	Source Treatment Unit
SU	Standard Units
S.W.D.	side water depth

Temp.	Temperature
∴	Therefore;
$t_D D_t$	detention time
TMACOG	Toledo Metropolitan Area Council of Governments
TTHM	Total Trihalomethanes
ug/l	Microgram per liter (part per billion)
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VSP	Vitrified Clay Sewer Pipe
WQPSD	Water Quality Permit Support Documents
WQS	Water Quality Standards
WSE	Water Surface Elevation
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant