

FINAL



Spokane County WASTEWATER FACILITIES PLAN

Prepared for

Spokane County Public Works
Mail Stop PWK 4
1116 West Broadway Avenue
Spokane, WA 99260-0170

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Acronyms

APA	Aquifer Protection Area
BAF	biological aerated filter
BioP	biological phosphorus
BNR	biological nutrient removal
BOCC	(Spokane County) Board of County Commissioners
BOD	biochemical oxygen demand
°C	degrees Centigrade
CBOD	carbonaceous biochemical oxygen demand
cfm	cubic feet per minute
CFR	Code of Federal Regulations; capital facilities rate
cfs	cubic feet per second
CO	contract operations
CSO	combined sewer overflow
cu yd	cubic yard(s)
CWMP	<i>2001 Comprehensive Wastewater Management Plan Update</i>
CWS	Clean Water Services
d	day
DAFT	dissolved air flotation thickener
DB	design-build
DBB	design-bid-build
DBO	design-build-operate
DBP	design-build-operate
DO	dissolved oxygen
EBPR	enhanced biological phosphorus removal
Ecology	Washington State Department of Ecology
EIS	environmental impact statement
EKO	EKO Compost
ENR	<i>Engineering News Report</i>
EPA	(U.S.) Environmental Protection Agency
ERU	equivalent residential unit
°F	degrees Fahrenheit
gal	gallon(s)
GC/CM	general contractor/construction manager
GFC	general facilities charge
GO	general obligation (bonds)
gpd	gallons per day



Acronyms

HARSB	Hayden Area Regional Sewer Board
HDR	HDR Engineering, Inc.
I/I	infiltration and inflow
IDEQ	Idaho Department of Environmental Quality
IEP	Inland Empire Paper
kwh	kilowatt-hour
L	liter
lb	pound(s)
LOCAL	Local Option Capital Asset Lending (Program)
LOTT	Lacey-Olympia-Tumwater-Thurston (County Alliance)
MBR	membrane bioreactor
mg	milligram(s)
MG	million gallons
mg/L	milligrams per liter
mgd	million gallons per day
MGY	million gallons per year
mL	milliliter
mm	millimeter
µg	microgram
N	nitrogen
NH ₃	ammonia
NNO ₃	nitrate-nitrogen
NPDES	National Pollution Discharge Elimination System
NTU	nephelometric turbidity unit(s)
NVI	North Valley Interceptor
O&M	operation and maintenance
P	phosphorus
PCB	polychlorinated biphenyl
PLC	programmable logic controller
psi	pounds per square inch
PSRP	process to significantly reduce pathogens
PWTF	(Washington)Public Works Trust Fund
RCW	Regulatory Code of Washington
RM	River Mile
RMZ	regulatory mixing zone
RO	reverse osmosis



Acronyms

SAWTP	Spokane Advanced Wastewater Treatment Plant
SBR	sequencing batch reactor
SCRTP	Spokane County Regional Treatment Plant
SEIS	supplemental environmental impact statement
SERP	(Washington) State Environmental Review Process
sq ft	square foot/feet
SRF	State Revolving Fund (Loan Program)
s.u.	standard unit(s)
SVI	Spokane Valley Interceptor
TAC	Technical Advisory Committee
TDS	total dissolved solids
TMDL	<i>total maximum daily load</i>
TOC	total organic compounds
TSS	total suspended solids
UGA	(Draft) Urban Growth Area
UV	ultraviolet
VE	value engineering
VFAs	volatile fatty acids
WAS	waste-activated sludge
WQAC	(Spokane County) Water Quality Advisory Committee
WQJDA	(Washington) Water Quality Joint Development Act
WWTP	wastewater treatment plant

Acronyms

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