NPDES Discharge Monitoring Report - Oregon Department of Environmental Quality (p. 1 of 2)

Facility Name	City of Molalla WWTP	Phone #	(503) 793-0507	Month/Year	03/2025	-
DEQ Permit #	101514	DEQ File #	57613	EPA Reference #	,	
Plant Type	Pre aerated lagoons with filtration	County	Clackamas	Population Served	9960	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

	Legally Authorized Signature
	Seth Kelly
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WS005

Operator Certification

Collection System Class 2 Principal Operator Adam Shultz Cert. #/Grade 12190/II

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Sa					INFLU BC		_	TS	SS		T .		T		BOD		1	TSS		EFF	LUEN		RIENTS	s		D	ISINF	ECTIO	N	CO	LIFORM	1	RE	CEIV	ING STE	EAN			DAILY LOG Breakdowns, bypassing, odors, complaints, etc.
ъ,	£				comp		ı	comp																		_	Chlo		· ·	MPN		/PN	1	MOLA	ALLA RIV	ER			
Su, M, T, W, Th,	Day of Month	Temperature	Hď	Flow	Concentration	. Loading		Concentration	Loading	Temperature	Hď	Flow	OG T	Concentration	% Removal	Loading	Concentration	% Removal	Loading	Total Kjeldahl	Αn	NO2 + NO3		Total	Ŭ	- Amount Used	Total Residual			E. Coli	1/100 20	Total		Dilution		Temperature	River Alkalinity		Day of Month
C a	1	°C	SU 68	MGD	mg/L	lbs		mg/L	lbs	°C	_	MGD				lbs	mg/L		lbs	mg/L	. mg/L	_ mg/l	_	mg/	_	lbs	mg		mg/L 0.00	CF	J/100 ml	L		78	CFS	°C			
Sa	2		0.8	1.421						11.3				_		-					-	_				10		0.37	0.00					70	1990	6.6			2
Su	3	17.0	6.8	1.336						11.2										-	-	-				18	_	0.55		<1				61	1830	6.4			3
Tu	4	17.8 13.9		1.227 1.176	189	1854		154	1510	11.2					95	5 14	, ,	99	 	20	-	_				18		0.49	0.00	<1				61	1570 1420	5.6			4
W	5	14.0		1.170	143	1346		106		11.4				8	96	-		0 00	<u> </u>	02	11.	2				11		0.02	0.00					50 E1	1330	5.9			5
Th	6	14.0		1.051	143	1340		100	990	11.2) 90	9:	2 4	90		55	11.	.5		-		15		0.33	0.00					45	1180	5.6		- 	6
F.	7	14.0		0.999						11.4		1.96														2.		0.46	0.00					41	1070	5.4		- 	7
Sa	8	14.1	6.9	0.985						11.4		2.00									-			-		10		0.46	0.00					37	943	6.1		Eff	f pH probe began losing calibration.
Su	9		6.2	0.963						12.2																11		0.30	0.00					33	833	6.1			f pH continuos monitoring probe not accurate 9
			0.2	0.303						12.2	0.0	1.55												-		15			0.00	+	-			33	000	0.1			roh comple for Eff all (week comple manifesing become new
М	10	13.5	7.3							11.5																17		0.30	0.00	<1				34	865	5.8			ab sample for En. ph (grab sample monitoring began) new obe on order
Tu	11	13.9		1.274	100	1063		100		11.5					89			97	+	53						18	_	0.33	0.00					33	876	6.4			rab sample for Eff. pH 11
W	12	13.5		1.407	87	1021		86	1009	11.5					89	17:	3 3	97		52						19	_	0.40	0.00					36	920	4.5			f pH continuos monitoring probe not accurate 12
Th	13	12.6		2.332						11.0																19	_	0.36	0.00					68	1770	4.9			rab sample for Eff. pH 13
F	14	13.2	6.8	1.864						10.2																23	_	0.47	0.00					71	1900	4.9			f pH continuos monitoring probe not accurate 14
Sa	15		6.5	2.198						9.4		2.08		_												19		0.40	0.00					83	2210	4.7			f pH continuos monitoring probe not accurate 15
Su	16		6.5	2.487						9.3				_												19		0.38	0.00					157	4190	6.7			f pH continuos monitoring probe not accurate 16
М	17	12.6	_	2.410						9.9				_		-				_	-	-		_		16		0.38	0.00	<1				152	4110	5.7			rab sample for Eff. pH 17
Tu	18	12.1	_	1.846	74	1139		63	_	10.4	_			_	85			94	-	71	-	-		_		14		0.45	0.00					123	3280	5.7			rab sample for Eff. pH Took Inf. pH probe offline for repair 18
W	19	12.3		1.631	81	1102		85	1156	10.3	_			_	91	120	6 4	95	1	72	-	-		_		14		0.25	0.00					100	2610	6.0			rab sample for Eff. pH 19
Th	20	13.3		1.687						9.9				_		-				_	-	-		_		17		0.32	0.00					94	2490	5.7			f pH continuos monitoring probe not accurate 20
F	21	13.9		2.090						9.5											_					19		0.41	0.00					144	3760	5.0			f pH continuos monitoring probe not accurate 21
Sa	22		6.7	2.315						10.0											_					16		0.32	0.00					246	6390	5.8			f pH continuos monitoring probe not accurate 22
Su	23	40.0	6.8	1.854						11.0											-					1.		0.24	0.00					167	4280	6.8			f pH continuos monitoring probe not accurate 23
M	24	13.8		1.579					4000	12.3				_					<u>.</u>		-	-				2		0.34	0.00	<1				167	4080	7.6			rab sample for Eff. pH 24
Tu	25	13.7	_		98	1161		92	_	13.4	_			_				97	1	56						24		0.47	0.00					160	3790	7.7			rab sample for Eff. pH 25
W	26 27	13.9	_	1.377	96	1102		90	1034	14.6		2.33		_	83	31	1 ,	97	 '	58	-	_				2		0.27	0.00					147	3420	7.8 6.6			rab sample for Eff. pH 26 f pH continuos monitoring probe not accurate 27
Th F	28	13.6 13.8	_	1.541 1.555						14.7				_		-					-	_				10		0.20	0.00					139	3360	6.2			
Sa	29	13.0	6.6	1.428						13.8				_												2		0.77	0.00					121	3330	6.2			
Su	30		6.5	1.420						13.6																2'		0.46	0.00					97	2870 2290	6.1			
M	31	14.1	0.0							12.9				_							-			-		2.		0.40	0.00	<1				87	2110	6.2			f pH continuos monitoring probe not accurate 30 rab sample for Eff. pH 31
Total	31	14.1	1.2	49.873		0700			8829	12.9	1.0	65.51				150	2		42	00						580	_	0.32	0.00	<u> </u>				0/	2110	0.2		G	ab sample for Ell. ph
Daily I		12.1		0.963		9788 1021		63	970	9.3		1.89	9 9.63		83	3 99	9 2	94		32	11.					14	4	0.20	0.00	<1				36	833	4.5		Eff ap	f pH probe providing inaccurate readings Ordered new probe proved by Mike Pinney to use 3 grab samples/wk.
Daily I		17.8	7.5	2.487	189	1854		154	1510	14.7			6 11.21		96			99		72	11.	.3				24	4	0.77	0.00	<1				236	6390	7.8			
Wkly A	vg										8.1			15	5	28	7 4		ī	72														0	6390	7.8			

Mo Avg	13.7	6.8	1.609	109 1	223	9	1104	11.5	6.8	2.113	10.52	11	90	188	3	97	53	1	1.3		19	0.39	0.00	<1		98 2486 6	0	
Daily Limits									6.0-9.0					00			480	25.	9				0.18	406				
Wkly Limits								18º C				37		00 2	20		300									>350		
Mo Limits												25 >	85% 4	00 1	15	>85%	240	16.	7				0.07	126				

Facility	Nama	City ~	f Molalla	\\\\\/\TD					th/Year		03/20		oring	atory N			Analytica													21150	and et	one take	n or ni	ane to	reduc	م واند	ninate or pr	event recurrer	WS0
DEQ Per				VVVVIP			_		File#		576			AP Lab		3254/3		u				ce; attac						iescrip	uon, c	ause,	anu su	sps lake	il oi pi	ans to	reduc	e, eiii	illiate, or pri	veni recurrer	ice oi
DLQIC		10101					_	DLQ	i iic #		070	710	OKLL	AI LUD	ιυπ.	0204/0	7200				•				1 3														
Mail orig	inal t	:0:			7	Notes	: *Indica	ate san	mple ty	pe for TS	SS, BO	D, CBOI	D, and nu	utrients	and tes	t metho	d for coli	form.																					
Oregon	DEQ	NWR					*If a se	ewer s	ystem	overflow	occurs	s at more	e than on	e locati	on, atta	ch an a	dditional	report.																					
700 NE	Multn	nomah St. S	uite 600)						nitoring is							nit condit	ions.																					
Portland	, OR	97232			_		*For a	ddition	nal infor	rmation, ı	refer to	o: <u>Oreg</u>	on DEQ	Comple	eting DN	<u>//Rs</u>																							
								AGOO	ON OR	POLISH	IING P	OND							AFRO	BIC DIG	FSTFR	CELLA	FROR	IC DIG	FSTER	CELL		SYSTEM		SYSTEM	R	ECLAIM							
, Sa			AERAT	ION BA	SIN										SO	LIDS			ALIKO.	#1 #2							OVERFLOW BYPASS					WATER			site				
Su, M, T, W, Th, F,		<u> </u>	1				Р	Primary	/ Cell	Se	econda	ary Cell		1		1.0	1	75						1			outfall:		outfall:		outfall:		_	(səı	Operator(s) Time Onsite (hrs/day)	Day of Month			
×,	Ĕ	MCRT Sludge Volume Index											iter	Transported to other WWTF	Quantity Land Applied	% Volatile Solids Reduction	Alkaline Product (insert Type)	Septage Received	ids	Le			ιţ	ē				_		_	Da.	ited	Quantiy Irrigated	Rainfall (inches)	Time day)	Ĭ			
⊢ ,	Day	R Volt	SS	I	요	00	Depth			Depth		,	iges	N ₹	ied L	le Se	S Z	Rec	Sol	ratu	рН		ä	ratu	표		>	ıtion	*	ıtion	e La	rriga	Irrig	fall ((s) Trs/c	a g			
Σ, α	د	MCRT dge Vol	MLSS	Hd	Temp	Ď	Def	8		Def	8	1	TS to Digester	nspo her /	App	edu	line	l age	% Total Solids	Temperature	ď		VA/Alkalinity	Temperature	۵		Flow	Duration	Flow	Duration	Volume Land Applied	Acres Irrigated	ıtiy	taint	ator (t	۵			
ซ		Sluc											TS	Ta to	ő) × 8	/lka	epta	1 %	Te			≸	<u>T</u>				_		_	° `	Acr	Juai		ber				
	-	Days		SU	°C	ma/l	Feet	ma/l	1	Fee	t mg	/1			gal	•`	lbs/gal	တ gal			SU				SU		gal	hrs	gal	hrs	MGD	acres			0	<u> </u>			
Sa	-	, -				9		9	_		9	r —			gu.		120/941	9							-		g	0	94.	0	02	40.00	,	0.02	6.0	1	During this	eporting period	Yes
	2				1																													0.02	6.0		did all moni	oring data and	
М	3						10.8	8 2.5	57	9).1 7.	.46																						0.02	9.0			quencies meet rements and	No
Tu	4						10.6	6 1.0	01	9.	0.1 6.	.46																						0.07	9.0	4	limits? If "no		<u> </u>
	5						10.4			9.	_	.52																						0.00	9.0				
	6						10.1	_	_	9.	_	.58																						0.00	9.0				
	7						9.9	9 3.8	89	9	9.0 9.	.25																						0.00	9.0			eporting period inanticipated	Yes
Sa Su	_																																	0.00	6.0		bypasses o	upsets which	□N ₂
	10				-		9.9	9 2.5	51	8	3 0	.94			-	1																		0.03	9.0		exceeded a 9 limits? If "ye		No
	11				1		9.9			8	_	.70																						0.03	9.0		ominisin ye	s, ехріані.	
	12						10.0		_	7.	_	.90																						0.92	9.0				
	13						10.3	3 3.8	88	7.	7.7 7.	.45																						0.10	9.0	13	During this	eporting period	Yes
	14						10.5	5 2.3	33	7.	7.7 6.	.50																						0.85	9.0	14	were there	any sewer flows? If "yes,"	
	15																																	0.37	6.0		explain.	nows: ii yes,	No
	16						ļ																											0.54	6.0				
	17 18						10.9			7.	_	.13 .19																						0.04	8.0 9.0				
	19						10.7	_		8	_	.61																						0.00	9.0		Energy	Used Cost	Comments
	20						10.5	_	_	8		.91																						0.14	9.0		Power KWH	USEU USE	Comments
	21						10.2		_	9		.69																						0.70	9.0		Fuel Gas		
Sa :	22																																	0.03	6.0		Oil		
Su :	23																																	0.03	6.0				
	24						10.4		_	8	_	.35]											0.00	8.0				
	25		1	_	1	-	10.3	_	_	8	_	.39		1	1	<u> </u>	<u> </u>																	0.00	9.0				
	26		-	-	╂—	-	10.0		_	8		.47	-	1-	+	-	-														<u> </u>	-		0.31	9.0		A al al (a) 1 & 1	too /nofo	ttaabaaaat- !\
	27 28		1	-	+	-	9.9			8.		.65	-	1	+	-	 		<u> </u>											-	 			0.28	9.0		Additional No	ites (reterence at	ttachments here)
Sa '	28	-	1		1		10.2	2 3.0	02	- 1.	7.7 5.	.00		1	+	1	1						+								1			0.09	6.0	28			
Su :	30				+				1		1			1	+	1	1		<u> </u>			+									 			0.26					
М :	31		+	+	1	+	10.2	2 3.5	50	7.	7.0 3.	.25		1	†	1	1		1			-+	\dashv								1			0.15					
Total		1												i i	1	1	1					- 				İ				Ì	i			5.84					
Daily Min	1	1					9.9	9 0.9	98	7.	7.0 3.	.25		1	1	1															1			0.00	6.0				
Daily Max							10.9	9 5.4	49	9.		.94																						0.92					
Wkly Avg Max																																							
Monthly Avg							10.3	3 2.9	91	8	3.3 6	.52																						0.19	7.9	l			