

2023

**CITY OF UNION GAP
SAMPLING RESULTS**

City of Union Gap - Results 2023

4401 Main Lift Station				
Sample Date	BOD (mg/L)	TSS mg/L	Grab pH (SU) Limit 5.5 12.0	FOG (mg/L) Limit 100 mg/L
1/9/2023	171	204		
1/10/2023	123	92	7.82	20
1/11/2023	143	158		
1/12/2023	129	138		
2/6/2023	201	134		
2/7/2023	138	119	7.26	20
2/8/2023	171	174		
2/9/2023	154	98		
3/6/2023	218	147		
3/7/2023	245	207	7.98	32
3/8/2023	174	70		
3/9/2023	171	140		
4/3/2023	223	131		
4/4/2023	202	173	7.14	25
4/5/2023	205	152		
4/6/2023	188	202		
5/1/2023	430	159		
5/2/2023	313	105	7.3	15
5/3/2023	232	140		
5/4/2023	163	31		
6/5/2023	241	166		
6/6/2023	977	205	7.12	26
6/7/2023	249	168		
6/8/2023	229	186		
7/10/2023	208	265		
7/11/2023	148	104	7.85	14
7/12/2023	109	20		
7/13/2023	199	155		
8/7/2023	315	113		
8/8/2023	156	110	7.1	13
8/9/2023	154	111		
8/10/2023	119	123		
9/11/2023	186	150		
9/12/2023	213	157	8.26	27
9/13/2023	126	33		

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4401 Main Lift Station				
Sample Date	BOD (mg/L)	TSS mg/L	Grab pH (SU) Limit 5.5 12.0	FOG (mg/L) Limit 100 mg/L
9/14/2023	227	192		
10/2/2023	194	145		
10/3/2023	198	138	7.62	19
10/4/2023	188	158		
10/5/2023	173	132		
11/13/2023	197	171		
11/14/2023	187	99	7.71	9
11/15/2023	140	46		
11/16/2023	195	142		
12/4/2023	152	197		
12/5/2023	222	164	7.49	<8
12/6/2023	193	177		
12/7/2023	176	147		

City of Union Gap - Results 2023

Pierce Meter				
Sample Date	BOD (mg/L)	TSS mg/L	Grab pH	FOG (mg/L)
1/9/2023	191	540		
1/10/2023			40	8.66
2/6/2023	262	142		
2/7/2023			34	8.36
3/6/2023	137	403		
3/7/2023			8.26	35
4/3/2023	186	138		
4/4/2023			6.85	19
5/1/2023	186	219		
5/2/2023			8.1	22
6/5/2023	684	1342		
6/6/2023			7.42	<8
7/10/2023	172	298		
7/11/2023			7.25	10
8/7/2023	208	266		
8/8/2023			7.56	<8
9/11/2023	255	644		
9/12/2023			8.05	18
10/2/2023	211	316		
10/3/2023			8.46	87
11/13/2023	400	977		
11/14/2023			8.28	<8
12/4/2023	176	137		
12/5/2023			8.16	20

City of Union Gap - Results 2023

Rainier Meter				
Sample Date	BOD (mg/L)	TSS mg/L	Grap pH	FOG (mg/L)
1/10/2023	549	828		
1/11/2023			44	7.95
2/7/2023	280	139		
2/8/2023			13	7.21
3/7/2023	641	304		
3/8/2023			8.06	26
4/4/2023	785	1672		
4/5/2023			7.51	27
5/2/2023	484	216		
5/3/2023			6.83	10
6/6/2023	555	962		
6/7/2023			7.31	23
7/11/2023	534	539		
7/12/2023			7.26	16
8/8/2023	945	1665		
8/9/2023			7.15	29
9/12/2023	680	681		
9/13/2023			7.25	17
10/3/2023	681	491		
10/4/2023			7.55	27
11/14/2023	695	419		
11/15/2023			7.35	54
12/5/2023	572	752		
12/6/2023			7.76	20

City of Union Gap - Results 2023

Valley Mall Blvd Meter				
Sample Date	BOD (mg/L)	TSS mg/L	Grab pH	FOG (mg/L)
1/11/2023	396	768		
1/12/2023			7.88	57
2/8/2023	340	597		
2/9/2023			8.12	51
3/8/2023	349	352		
3/9/2023			8.68	52
4/5/2023	380	602		
4/6/2023			8.05	20
5/3/2023	681	508		
5/4/2023			8.17	27
6/7/2023	329	240		
6/8/2023			7.96	67
7/12/2023	593	579		
7/13/2023			8.34	41
8/9/2023	497	700		
8/10/2023			7.83	32
9/13/2023	529	640		
9/14/2023			7.55	40
10/4/2023	306	393		
10/5/2023			8.33	49
11/15/2023	425	498		
11/16/2023			7.11	35
12/6/2023	222	328		
12/7/2023			8.1	31

City of Union Gap - Metal Results 2023

Union Gap L.S. 4401 Main Street						
Parameter	Result (mg/L)			Local Limits (mg/L)	COY MDL / AmTest PQL* (mg/L)	
	1/9/2023	4/3/2023	7/10/2023	10/2/2023		
Silver (T)	ND	ND	ND	ND	0.001/0.01*	
Arsenic (T)	ND	ND	ND	ND	0.004/0.005*	
Beryllium (T)	ND	ND	ND	ND	0.00007/0.005*	
Cadmium (T)	ND	ND	ND	ND	0.00005/0.005*	
Chromium (T)	ND	ND	ND	ND	0.0003/0.01*	
Copper (T)	0.0167	0.021	0.0421	0.0208	0.002/0.01*	
Mercury (T)	ND	ND	ND	ND	0.0003/0.0001*	
Molybdenum (T)	0.02303	0.021	0.08804	ND	0.001/0.01*	
Nickel (T)	ND	ND	0.006	0.006	0.0005/0.01*	
Lead (T)	ND	ND	ND	ND	0.0006/0.01*	
Antimony (T)	ND	ND	ND	ND	0.001/0.01*	
Selenium (T)	ND	ND	ND	ND	0.001/0.005*	
Thallium (T)	ND	ND	ND	ND	0.0005/0.005*	
Zinc (T)	0.106	0.125	0.132	0.098	0.005/0.005*	

Union Gap - Pierce Avenue						
Parameter	Result (mg/L)			Local Limits (mg/L)	COY MDL / AmTest PQL* (mg/L)	
	1/9/2023	4/3/2023	7/10/2023	10/2/2023		
Silver (T)	0.00245	0.0013	0.0028	0.00136	0.001/0.01*	
Arsenic (T)	ND	ND	ND	ND	0.004/0.005*	
Beryllium (T)	ND	ND	ND	ND	0.00007/0.005*	
Cadmium (T)	ND	ND	ND	ND	0.00005/0.005*	
Chromium (T)	ND	ND	ND	ND	0.0003/0.01*	
Copper (T)	0.01197	ND	0.021	0.031	0.002/0.01*	
Mercury (T)	ND	ND	ND	ND	0.0003/0.0001*	
Molybdenum (T)	ND	ND	ND	ND	0.001/0.01*	
Nickel (T)	ND	ND	ND	0.005	0.0005/0.01*	
Lead (T)	ND	ND	ND	ND	0.0006/0.01*	
Antimony (T)	ND	ND	ND	ND	0.001/0.01*	
Selenium (T)	ND	ND	ND	ND	0.001/0.005*	
Thallium (T)	ND	ND	ND	ND	0.0005/0.005*	
Zinc (T)	0.086	0.047	0.182	0.117	0.005/0.005*	

Union Gap - Rainier Avenue						
Parameter	Result (mg/L)			Local Limits (mg/L)	COY MDL / AmTest PQL* (mg/L)	
	1/10/2023	4/4/2023	7/11/2023	10/3/2023		
Silver (T)	ND	ND	ND	0.00181	0.001/0.01*	
Arsenic (T)	ND	ND	ND	ND	0.004/0.005*	
Beryllium (T)	ND	ND	ND	ND	0.00007/0.005*	
Cadmium (T)	ND	ND	ND	ND	0.00005/0.005*	
Chromium (T)	0.00618	ND	ND	ND	0.0003/0.01*	
Copper (T)	0.0286	0.039	0.037	0.035	0.002/0.01*	
Mercury (T)	0.000130	0.0006	0.00052	0.00167	0.0003/0.0001*	
Molybdenum (T)	ND	ND	ND	ND	0.001/0.01*	
Nickel (T)	ND	ND	0.005	0.010	0.0005/0.01*	
Lead (T)	ND	ND	ND	ND	0.0006/0.01*	
Antimony (T)	ND	ND	ND	ND	0.001/0.01*	
Selenium (T)	ND	ND	ND	ND	0.001/0.005*	
Thallium (T)	ND	ND	ND	ND	0.0005/0.005*	
Zinc (T)	0.172	0.1070	0.198	0.108	0.005/0.005*	

Union Gap - Valley Mall Boulevard						
Parameter	Result (mg/L)			Local Limits (mg/L)	COY MDL / AmTest PQL* (mg/L)	
	1/11/2023	4/5/2023	7/12/2023	10/4/2023		
Silver (T)	ND	ND	ND	0.00192	0.001/0.01*	
Arsenic (T)	ND	ND	ND	ND	0.004/0.005*	
Beryllium (T)	ND	ND	ND	ND	0.00007/0.005*	
Cadmium (T)	ND	ND	ND	ND	0.00005/0.005*	
Chromium (T)	ND	ND	ND	0.00518	0.0003/0.01*	
Copper (T)	0.0302	0.043	0.067	0.059	0.002/0.01*	
Mercury (T)	ND	0.0002	0.0002	0.0009	0.0003/0.0001*	
Molybdenum (T)	ND	ND	ND	ND	0.001/0.01*	
Nickel (T)	ND	ND	ND	ND	0.0005/0.01*	
Lead (T)	ND	ND	ND	ND	0.0006/0.01*	
Antimony (T)	ND	ND	ND	ND	0.001/0.01*	
Selenium (T)	ND	ND	ND	ND	0.001/0.005*	
Thallium (T)	ND	ND	ND	ND	0.0005/0.005*	
Zinc (T)	0.170	0.191	0.291	0.303	0.005/0.005*	