

2024

**CITY OF UNION GAP
SAMPLING RESULTS**

City of Union Gap - Results 2024

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
1/8/2024	180	136		
1/9/2024	128	44	6.71	27
1/10/2024	328	167		
1/11/2024	308	176		
2/5/2024	399	144		
2/6/2024	326	155	7.25	22
2/7/2024	330	193		
2/8/2024	368	226		
3/4/2024	374	167		
3/5/2024	231	144	6.32	34
3/6/2024	376	149		
3/7/2024	389	231		
4/1/2024	771	187		
4/2/2024	671	135	7.38	28
4/3/2024	310	134		
4/4/2024	135	80		
5/6/2024	223	392		
5/7/2024	235	160	7.16	9
5/8/2024	154	33		
5/9/2024	233	228		
6/3/2024	114	100		
6/4/2024	248	193	7.6	24
6/5/2024	235	201		
6/6/2024	206	179		
7/8/2024	179	154		
7/9/2024	162	104	7.29	23
7/10/2024	113	134		
7/11/2024	315	224		
8/5/2024	217	143		
8/6/2024	359	182	7.07	88
8/7/2024	341	173		
8/8/2024	339	221		
9/9/2024	145	38		
9/10/2024	100	28	7.25	24

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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
9/11/2024	195	195		
9/12/2024	195	164		
10/7/2024	193	180		
10/8/2024	207	190	7.51	33
10/9/2024	209	184		
10/10/2024	231	237		
11/4/2024	227	64		
11/5/2024	387	270	7.78	10
11/6/2024	179	29		
11/7/2024	258	182		
12/2/2024	246	287		
12/3/2024	263	277	7.3	22
12/4/2024	241	218		
12/5/2024	290	230		

City of Union Gap - Results 2024

Pierce Meter				
Sample Date	BOD (mg/L)	TSS mg/L	Grab pH	FOG (mg/L)
1/8/2024	183	952		
1/9/2024			6.52	12
2/5/2024	84	53		
2/6/2024			8.3	<8
3/4/2024	95	142		
3/5/2024			7.85	12
4/1/2024	231	201		
4/2/2024			7.82	<8
5/6/2024	144	339		
5/7/2024			7.84	<8
6/3/2024	343	696		
6/4/2024			7.95	<8
7/8/2024	359	1198		
7/9/2024			7.27	14
8/5/2024	206	228		
8/6/2024			7.69	<8
9/9/2024	464	767		
9/10/2024			7	64
10/7/2024	489	387		
10/8/2024			8.61	13
11/4/2024	162	211		
11/5/2024			8.32	14
12/2/2024	358	353		
12/3/2024			7.5	<8

City of Union Gap - Results 2024

Rainier Meter				
Sample Date	BOD (mg/L)	TSS mg/L	Grap pH	FOG (mg/L)
1/9/2024	545	563		
1/10/2024			7.08	40
2/6/2024	710	1088		
2/7/2024			7.15	12
3/5/2024	826	425		
3/6/2024			6.86	60
4/2/2024	323	376		
4/3/2024			8.25	29
5/7/2024	547	248		
5/8/2024			7.56	60
6/4/2024	580	948		
6/5/2024			7.11	42
7/9/2024	1011	613		
7/10/2024			6.95	52
8/6/2024	987	900		
8/7/2024			7.08	56
9/10/2024	920	881		
9/11/2024			7.5	13
10/8/2024	781	1896		
10/9/2024			6.95	46
11/5/2024	639	337		
11/6/2024			7.32	38
12/3/2024	1065	1334		
12/4/2024			7.25	23

City of Union Gap - Results 2024

Valley Mall Blvd Meter				
Sample Date	BOD (mg/L)	TSS mg/L	Grab pH	FOG (mg/L)
1/10/2024	289	447		
1/11/2024			7.98	16
2/7/2024	266	325		
2/8/2024			7.74	33
3/6/2024	294	369		
3/7/2024			8.03	31
4/3/2024	256	251		
4/4/2024			8.09	22
5/8/2024	380	810		
5/9/2024			7.67	40
6/5/2024	365	352		
6/6/2024			7.87	23
7/10/2024	325	278		
7/11/2024			8.08	37
8/7/2024	424	596		
8/8/2024			7.96	36
9/11/2024	209	223		
9/12/2024			7.9	30
10/9/2024	364	290		
10/10/2024			7.51	36
11/6/2024	304	275		
11/7/2024			7.85	31
12/4/2024	590	2036		
12/5/2024			7.88	48

City of Union Gap - Metal Results 2024

Union Gap L.S. 4401 Main Street						
Parameter	Result (mg/L)			Local Limits (mg/L)	COY MDL / AmTest PQL* (mg/L)	
	1/8/2024	4/1/2024	7/9/2024	10/7/2024		
Silver (T)	ND	ND*	ND	ND	0.06	0.001
Arsenic (T)	ND	ND	ND	ND	0.48	0.01
Beryllium (T)	ND	ND	ND	ND	-	0.001
Cadmium (T)	ND	ND	ND	0.0011	0.049	0.001
Chromium (T)	ND	ND	ND	ND	5.0	0.005
Copper (T)	0.0144	0.027	0.0182	0.0153	0.30	0.005
Mercury (T)	ND	ND	ND	ND	0.002	*0.0001
Molybdenum (T)	0.03154	ND	ND	ND	1.14	0.005
Nickel (T)	ND	ND	ND	ND	2.00	0.01
Lead (T)	ND	0.00512	ND	0.00913	0.19	0.0050
Antimony (T)	ND	ND	ND	ND	-	0.01
Selenium (T)	ND	ND	ND	ND	0.419	0.01
Thallium (T)	ND	ND	ND	ND	-	0.01
Zinc (T)	0.113	0.116	0.094	0.108	4.18	0.050

Union Gap - Pierce Avenue						
Parameter	Result (mg/L)			Local Limits (mg/L)	COY MDL / AmTest PQL* (mg/L)	
	1/8/2024	4/1/2024	7/8/2024	10/7/2024		
Silver (T)	ND	ND*	ND	ND	0.06	0.001
Arsenic (T)	ND	ND	0.0474	ND	0.48	0.01
Beryllium (T)	ND	ND	ND	ND	-	0.001
Cadmium (T)	ND	ND	ND	ND	0.049	0.001
Chromium (T)	ND	ND	ND	ND	5.0	0.005
Copper (T)	0.01129	0.022	0.024	0.048	0.30	0.005
Mercury (T)	ND	ND	ND	ND	0.002	*0.0001
Molybdenum (T)	ND	ND	ND	ND	1.14	0.005
Nickel (T)	ND	ND	ND	ND	2.00	0.01
Lead (T)	ND	ND	ND	ND	0.19	0.0050
Antimony (T)	ND	ND	ND	ND	-	0.01
Selenium (T)	ND	ND	ND	ND	0.419	0.01
Thallium (T)	ND	ND	ND	ND	-	0.01
Zinc (T)	0.076	0.074	0.113	0.261	4.18	0.050

Union Gap - Rainier Avenue						
Parameter	Result (mg/L)			Local Limits (mg/L)	COY MDL / AmTest PQL* (mg/L)	
	1/9/2024	4/2/2024	7/9/2024	10/9/2024		
Silver (T)	0.001720	ND*	0.00337	0.00275	0.06	0.001
Arsenic (T)	ND	ND	0.0084	ND	0.48	0.01
Beryllium (T)	ND	ND	ND	ND	-	0.001
Cadmium (T)	ND	ND	ND	ND	0.049	0.001
Chromium (T)	ND	ND	ND	ND	5.0	0.005
Copper (T)	0.0313	0.025	0.037	0.049	0.30	0.005
Mercury (T)	0.000140	ND	ND	0.00073	0.002	*0.0001
Molybdenum (T)	ND	ND	ND	ND	1.14	0.005
Nickel (T)	ND	ND	ND	ND	2.00	0.01
Lead (T)	ND	ND	ND	ND	0.19	0.0050
Antimony (T)	ND	ND	ND	ND	-	0.01
Selenium (T)	ND	ND	ND	ND	0.419	0.01
Thallium (T)	ND	ND	ND	ND	-	0.01
Zinc (T)	0.120	0.0801	0.149	0.195	4.18	0.050

Union Gap - Valley Mail Boulevard						
Parameter	Result (mg/L)			Local Limits (mg/L)	COY MDL / AmTest PQL* (mg/L)	
	1/10/2024	4/3/2024	7/10/2024	10/9/2024		
Silver (T)	ND	ND	ND	ND	0.06	0.001
Arsenic (T)	ND	ND	0.00684	ND	0.48	0.01
Beryllium (T)	ND	ND	ND	ND	-	0.001
Cadmium (T)	0.001390	ND	ND	ND	0.049	0.001
Chromium (T)	ND	ND	ND	ND	5.0	0.005
Copper (T)	0.0309	0.027	0.025	0.026	0.30	0.005
Mercury (T)	ND	ND	ND	ND	0.002	*0.0001
Molybdenum (T)	ND	ND	ND	ND	1.14	0.005
Nickel (T)	ND	ND	ND	ND	2.00	0.01
Lead (T)	ND	ND	ND	0.01628	0.19	0.0050
Antimony (T)	ND	ND	ND	ND	-	0.01
Selenium (T)	ND	ND	ND	ND	0.419	0.01
Thallium (T)	ND	ND	ND	ND	-	0.01
Zinc (T)	0.163	0.150	0.193	0.210	4.18	0.050