

**Seattle Public Utilities**  
**Total Coliform Rule Monthly Report**  
**For**  
**Port of Seattle/Seatac Airport**

**Water System ID:** 03182

**Month:** March 2023

Collection Date	State ID	Site Code	Address	Collection Time	Collector	CL2 residua mg/L	Temp (deg. C)	Total Coli (P/A*)	E-Coli (P/A**)	HPC (if analyzed)	Routine or Repeat?	Invalidated Samples
03/02/2023		ST-01	STIA TRANSIPLEX	08:40	EJB	1.15	6.6	A	A	0	Routine	
03/02/2023		ST-02	STIA HOST BLDG PKG LOT	08:15	EJB	1.06	7.4	A	A	0	Routine	
03/02/2023		ST-03	STIA RENTAL CAR FACILITY	08:25	EJB	1.13	7.6	A	A	0	Routine	
03/02/2023		ST-04	STIA UTILITY TUNNEL	07:10	EJB	1.32	7.7	A	A	0	Routine	
03/02/2023		ST-05	STIA IWTP	09:30	EJB	1.35	8.0	A	A	0	Routine	
03/02/2023		ST-06	STIA PUMPHOUSE	08:05	EJB	1.34	6.4	A	A	0	Routine	
03/02/2023		ST-07	STIA A CONCOURSE	09:45	EJB	1.08	9.2	A	A	0	Routine	
03/07/2023		ST-01	STIA TRANSIPLEX	07:55	MS	1.00	6.6	A	A	0	Routine	
03/07/2023		ST-02	STIA HOST BLDG PKG LOT	07:25	MS	1.06	6.8	A	A	1	Routine	
03/07/2023		ST-03	STIA RENTAL CAR FACILITY	07:40	MS	1.00	7.1	A	A	0	Routine	
03/07/2023		ST-04	STIA UTILITY TUNNEL	07:05	MS	1.10	7.4	A	A	0	Routine	
03/07/2023		ST-10	NORTH SATELLITE	09:00	MS	0.96	8.0	A	A	0	Routine	
03/07/2023		ST-11	SOUTH SATELLITE	08:20	MS	0.92	10.1	A	A	0	Routine	
03/09/2023		ST-01	STIA TRANSIPLEX	08:05	MS	1.07	6.5	A	A	0	Routine	
03/09/2023		ST-02	STIA HOST BLDG PKG LOT	07:50	MS	1.03	6.6	A	A	0	Routine	
03/09/2023		ST-05	STIA IWTP	08:45	MS	0.93	7.6	A	A	0	Routine	
03/09/2023		ST-06	STIA PUMPHOUSE	08:20	MS	1.14	6.2	A	A	0	Routine	
03/09/2023		ST-07	STIA A CONCOURSE	10:40	MS	0.90	8.6	A	A	0	Routine	
03/09/2023		ST-10	NORTH SATELLITE	11:20	MS	1.05	7.4	A	A	0	Routine	
03/09/2023		ST-11	SOUTH SATELLITE	09:30	MS	0.88	10.0	A	A	0	Routine	
03/14/2023		ST-03	STIA RENTAL CAR FACILITY	08:45	ASL	0.76	7.5	A	A	1	Routine	
03/14/2023		ST-04	STIA UTILITY TUNNEL	07:20	ASL	1.00	7.6	A	A	0	Routine	
03/14/2023		ST-05	STIA IWTP	08:05	ASL	1.05	7.9	A	A	0	Routine	
03/14/2023		ST-06	STIA PUMPHOUSE	09:00	ASL	1.07	6.3	A	A	0	Routine	
03/14/2023		ST-07	STIA A CONCOURSE	08:20	ASL	0.87	8.9	A	A	0	Routine	
03/14/2023		ST-10	NORTH SATELLITE	07:40	ASL	1.03	8.0	A	A	0	Routine	
03/16/2023		ST-01	STIA TRANSIPLEX	09:25	ASL	1.08	7.0	A	A	0	Routine	
03/16/2023		ST-02	STIA HOST BLDG PKG LOT	09:30	ASL	1.18	7.1	A	A	0	Routine	
03/16/2023		ST-03	STIA RENTAL CAR FACILITY	09:40	ASL	0.94	7.5	A	A	0	Routine	
03/16/2023		ST-04	STIA UTILITY TUNNEL	07:00	ASL	1.16	7.7	A	A	1	Routine	
03/16/2023		ST-05	STIA IWTP	07:10	ASL	0.97	8.0	A	A	0	Routine	
03/16/2023		ST-06	STIA PUMPHOUSE	09:50	ASL	1.26	6.6	A	A	0	Routine	
03/16/2023		ST-11	SOUTH SATELLITE	07:20	ASL	0.74	10.2	A	A	0	Routine	
03/21/2023		ST-01	STIA TRANSIPLEX	07:20	KO	0.92	7.7	A	A	0	Routine	
03/21/2023		ST-02	STIA HOST BLDG PKG LOT	07:00	KO	1.05	7.8	A	A	0	Routine	

\*Total Coliform analyzed by MMO-MUG (Colisure) Coliform method or Membrane Filter Coliform method.

\*\*E-Coli analyzed by MMO-MUG (Colisure) Coliform method. Results expressed as coliform present or coliform absent (P/A).

\*U Indicates that Chlorine Level was undetectable.

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Collection Date	State ID	Site Code	Address	Collection Time	Collector	CL2 residua mg/L	Temp (deg. C)	Total Coli (P/A*)	E-Coli (P/A**)	HPC (if analyzed)	Routine or Repeat?	Invalidated Samples
03/21/2023		ST-03	STIA RENTAL CAR FACILITY	07:10	KO	0.80	7.9	A	A	0	Routine	
03/21/2023		ST-07	STIA A CONCOURSE	08:20	KO	0.66	9.3	A	A	0	Routine	
03/21/2023		ST-10	NORTH SATELLITE	09:20	KO	0.98	8.3	A	A	0	Routine	
03/21/2023		ST-11	SOUTH SATELLITE	08:05	KO	0.73	10.7	A	A	0	Routine	
03/23/2023		ST-01	STIA TRANSIPLEX	07:10	ASL	1.16	8.0	A	A	0	Routine	
03/23/2023		ST-04	STIA UTILITY TUNNEL	07:00	ASL	0.98	8.4	A	A	0	Routine	
03/23/2023		ST-05	STIA IWTP	07:40	ASL	0.80	9.0	A	A	0	Routine	
03/23/2023		ST-06	STIA PUMPHOUSE	07:20	ASL	1.20	7.5	A	A	0	Routine	
03/23/2023		ST-07	STIA A CONCOURSE	08:00	ASL	0.93	9.3	A	A	0	Routine	
03/23/2023		ST-10	NORTH SATELLITE	07:30	ASL	1.08	8.4	A	A	0	Routine	
03/23/2023		ST-11	SOUTH SATELLITE	07:50	ASL	0.83	11.1	A	A	0	Routine	
03/28/2023		ST-02	STIA HOST BLDG PKG LOT	07:23	EJB	0.97	8.6	A	A	0	Routine	
03/28/2023		ST-03	STIA RENTAL CAR FACILITY	07:45	EJB	0.86	9.0	A	A	0	Routine	
03/28/2023		ST-04	STIA UTILITY TUNNEL	06:45	EJB	1.00	9.0	A	A	0	Routine	
03/28/2023		ST-05	STIA IWTP	08:30	EJB	0.98	9.6	A	A	0	Routine	
03/28/2023		ST-06	STIA PUMPHOUSE	08:00	EJB	1.10	8.0	A	A	0	Routine	
03/28/2023		ST-07	STIA A CONCOURSE	08:55	EJB	0.71	9.9	A	A	0	Routine	

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Statistics	Standard (per month)	Month
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<b>Required samples</b>	50	52
% of required samples collected:	>= 100%	104.00 %
% positive coliform samples:	< 5%	0.00 %
% detectable chlorine:	>= 95%	100.00 %
Average chlorine residual:	< 4 mg/L	1.01

Invalidated samples:

Seattle Public Utilities Water Quality Lab, State ID: 074

REPORTED BY: Wylie Harper

TITLE: Water Quality Laboratory Service Director

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