



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Northwest Region Office
PO Box 330316, Shoreline, WA 98133-9716 • 206-594-0000

April 2, 2024

Waqar Qazi, President
ZYK Enterprises, Inc.
17658 W Snoqualmie River Rd NE
Duvall, WA 98019-9203

Re: Notice of Violation

Notice of Violation (NOV) Docket #	22552
Site Name	ZYK Enterprises, Inc., located in King County
Site Location	17658 W Snoqualmie River Rd NE Duvall, WA 98019-9203

Dear Waqar Qazi:

The Department of Ecology (Ecology) is issuing the enclosed Notice of Violation to you for exceedance of numeric effluent limits and failure to follow the compliance schedule in Washington State Waste Discharge Permit number ST0003974. This Notice of Violation is issued under the authority of Revised Code of Washington (RCW) 90.48.120(1).

If you have questions, please contact Gretchen Onstad at gretchen.onstad@ecy.wa.gov or (425) 457-0999.

Sincerely,

Rachel McCrea
Water Quality Section Manager
Northwest Region Office

Enclosure: Notice of Violation Docket #22552

By Certified Mail 9171 9690 0935 0233 2028 03

ecc: Permit and Reporting Information System (PARIS): ZYK Enterprises,
ST0003974
Chris Martin, Ecology
Steven Bucy, Ecology
Monika Kannadaguli, Ecology
Gretchen Onstad, Ecology
Waqar Qazi, ZYK Enterprises
Zeeshan Qazi, President, ZYK Enterprises
Chris Nancarrow, Pacific Stormwater

State of Washington
Department of Ecology

In the Matter of Compliance by
ZYK ENTERPRISES, INC.
With Chapter 90.48 RCW and the Rules and Regulations
of the Department of Ecology
Notice of Violation Docket #22552

To: Waqar Qazi, President
ZYK Enterprises, Inc.
17658 W Snoqualmie River Rd NE
Duvall, WA 98019-9203

Notice of Violation (NOV) Docket # 22552	
Site Name	ZYK Enterprises, Inc., located in King County
Site Location	17658 W Snoqualmie River Rd NE Duvall, WA 98019-9203

The Department of Ecology (Ecology) is issuing this Notice of Violation to you for violating provisions of Chapter 90.48 Revised Code of Washington (RCW) Water Pollution Control. This notice contains Ecology's determination that a violation has or will occur.

Ecology has the authority to issue this Notice of Violation under RCW 90.48.120(1) which reads in part:

"Whenever in the opinion of Ecology, any person shall violate or create a substantial potential to violate the provisions of the chapter, or fails to control the polluting content of waste discharged, or to be discharged into any waters of the state, the department shall notify such persons of its determination by registered mail...."

1. Site Location

ZYK Enterprises, Inc.
17658 W Snoqualmie River Rd NE, Duvall, WA 98019-9203

2. Determination of Violations

Notice is hereby given in accordance with RCW 90.48.120(1), as follows:

The Department of Ecology (Ecology) is issuing this Notice of Violation to your facility, ZYK Enterprises, Inc. (ZYK), for exceedance of numeric effluent limits and early warning values, and failure to follow the compliance schedule in your Washington State Waste Discharge Permit number ST0003974 (Permit).

ZYK is conditionally authorized under the Permit to discharge disinfected process wastewater to groundwater via an industrial wastewater drain field. ZYK uses ultraviolet light (UV) as a disinfectant, and batch chlorine disinfection as a backup when the UV

system fails. Two sampling points (Outfalls 002 and 003) are monitored under the Permit. Outfall 003 is the discharge from the disinfection contact tank system to the drain field. Outfall 002 is the monitoring well located downgradient from drain field. Discharge to the drain field (Outfall 003) and from the drain field (Outfall 002) is subject to complying with the discharge limits and prohibitions set forth in special condition S1 of the Permit and all other special and general requirements specified in the Permit.

When the Permit was reissued in May 2019, Ecology added more frequent monitoring and a Compliance Schedule to address a history of violations related to inadequate disinfection of industrial wastewater discharge. ZYK did not follow the new monitoring requirements from 2019-2021, in part due to the COVID-19 pandemic. Ecology modified the Permit and Compliance Schedule on August 3, 2021 (**Table 1**). The Compliance Schedule states that by the dates in **Table 1**, the Permittee must complete the tasks and submit a report describing, at a minimum:

- Whether the task is completed and, if not, the date on which the Permittee expects to complete the task.
- The reasons for delay and the steps the Permittee is taking to return the project to the established schedule.

In the Compliance Schedule, Ecology required ZYK to hire a consulting engineer to address disinfection of wastewater. ZYK hired Pacific Stormwater as their consulting engineer in October 2021, initially to address the monitoring violations. **Tables 2 and 3** document the exceedances of the numeric effluent limits and early warning levels. Adequate disinfection has not been achieved, as shown by the continued high levels of fecal coliform and total coliforms listed in **Table 2**. Exceedance of early warning levels is also evidence of poor disinfection (**Table 3**). During the current permit cycle ZYK has used chlorine disinfection at least on two occasions and otherwise relied on UV-light disinfection. Neither disinfectant has been effective at lowering bacterial levels in the discharge.

Ecology sent a warning letter to ZYK in October 2022 for exceedance of the numeric effluent limits and early warning levels, and failure to meet the deadlines in the Compliance Schedule. Ecology hosted meetings with ZYK and Pacific Stormwater in October 2022 and May 2023 to discuss the Permit noncompliance history and the status of the Compliance Schedule. As a result of the October 2022 meeting, ZYK contracted Pacific Stormwater to expand beyond monitoring and address the failing treatment system for their industrial wastewater discharge.

ZYK has submitted incomplete responses to the Compliance Schedule (**Table 1**). To date, Ecology has received reports for part or full completion of Compliance Schedule Tasks 1 through 3.

- Looking closer at Task 1 (part 2), ZYK has already “Contract[ed] a septic truck (or equivalent) to haul all process wastewater to a wastewater treatment plant...”

and cleaned out the "...day tank, holding tank, grinder pit and drain field..." but not to the point that "...the disinfection treatment of day tank can be reinstated" with successful disinfection. Following clean out, the day tank and holding tanks have subsequently refilled with solid material that prevents adequate disinfection prior to being discharged to the drain field.

- As part of Task 3, an engineering report must be submitted to Ecology for review prior to installing a new treatment system (this is required by WAC 173-240-150).
- Although progress reports have been received for all of the Tasks in the Compliance Schedule, they were received late and the Tasks have not been completed.
- Ecology has not received the engineering report required by Task 3, which is also necessary to conduct Tasks 4, 5, and 6.

Table 1. Compliance Schedule in Permit Special Condition S7 and Tasks Completed since September 2021

#	Tasks	Date Due	Date Completed
1	<ul style="list-style-type: none"> • Hire a consulting engineer. • Contract a septic truck (or equivalent) to haul all process wastewater to a wastewater treatment plant until day tank, holding tank, grinder pit and drain field can be cleaned out and the disinfection treatment of day tank can be reinstated. • Locate the sample port for the groundwater monitoring well and resume sampling. 	9/1/2021 9/1/2021 9/1/2021	10/2021 10/1/2021 (incomplete) 11/19/2021
2	Consulting engineer to review the following:	12/1/2021	
2.a	<ul style="list-style-type: none"> • What is the current disinfection procedure and how is it implemented? Specifically, to determine cause(s) of continued exceedance of permit limits for total coliform. 	12/1/2021	10/24/2022
2.b	<ul style="list-style-type: none"> • What is current de-chlorination procedure and how is it implemented? Specifically, to determine if it has the potential to exceed the permit limit for residual chlorine. 	12/1/2021	10/24/2022
2.c	<ul style="list-style-type: none"> • What is the current sampling procedure, and how and where are samples collected? Specifically, are samples being collected in the appropriate locations, with the correct equipment (such as a digital chlorine meter), to prevent contamination of the sample that may lead to a violation of a permit limit? 	12/1/2021	1/14/2023
3	After review of current practices the consulting engineer shall make recommendations on improvements to operations to eliminate continued permit limit violations. This may include additional treatment prior to disinfection. Recommendations shall be made in a written report following the requirements of WAC 173-240-150 that must also be provided to Ecology for review.	2/1/2022	incomplete

#	Tasks	Date Due	Date Completed
4	Make changes recommended by consulting engineer to eliminate continued permit violations.	4/1/2022	Not completed
4.a	<ul style="list-style-type: none"> Hire a contractor as needed to make/install any material/equipment modifications. 	3/1/2022	Not completed
4.b	<ul style="list-style-type: none"> Prepare operation and maintenance procedure(s) for any new/modified equipment. 	4/1/2022	Not completed
5	Train appropriate personnel on new equipment operation and use.	5/1/2022	Not completed
6	Begin use of new equipment and related processes (e.g. sampling).	5/1/2022	Not completed

Table 2. Numeric Effluent Violations from October 2021 to January 2024

Date	Outfall	Parameter	Measurement	Units	Limit	Limit Type
10/19/2021	3	Total Residual Chlorine	2.87	mg/L	0.1	Maximum Daily
10/19/2021	3	Fecal Coliform	180,000	MPN/100 mL	400	Maximum Daily
10/19/2021	3	Total Coliforms	860,000	MPN/100 mL	1000	Maximum Daily
October 2021	3	Total Residual Chlorine	2.87	mg/L	0.05	Average Monthly
October 2021	2	Total Coliforms	2000	MPN/100 mL	200	Monthly Geometric Mean
11/19/2021	3	Total Residual Chlorine	0.44	mg/L	0.1	Maximum Daily
11/19/2021	3	Fecal Coliform	30,000	MPN/100 mL	400	Maximum Daily
11/19/2021	3	Total Coliforms	40000	MPN/100 mL	1000	Maximum Daily
November 2021	3	Total Residual Chlorine	0.44	mg/L	0.05	Average Monthly
12/13/2021	3	Fecal Coliform	2,000,000	MPN/100 mL	400	Maximum Daily
12/13/2021	3	Total Coliforms	2,700,000	MPN/100 mL	1000	Maximum Daily
1/26/2022	3	pH	6.34	S.U.	6.5	Minimum Daily
1/26/2022	3	Fecal Coliform	18,000,000	MPN/100 mL	400	Maximum Daily
1/26/2022	3	Total Coliforms	18,000,000	MPN/100 mL	1000	Maximum Daily
2/23/2022	3	pH	6.34	S.U.	6.5	Minimum Daily
2/23/2022	3	Fecal Coliform	3,300,000	MPN/100 mL	400	Maximum Daily
2/23/2022	3	Total Coliforms	3,300,000	MPN/100 mL	1000	Maximum Daily
3/24/2022	3	Fecal Coliform	4,700,000	MPN/100 mL	400	Maximum Daily
3/24/2022	3	Total Coliforms	1,800,000	MPN/100 mL	1000	Maximum Daily
3/24/2022	2	pH	5.69	S.U.	6.5	Minimum Daily
4/21/2022	3	Fecal Coliform	900,000	MPN/100 mL	400	Maximum Daily
4/21/2022	3	Total Coliforms	1,300,000	MPN/100 mL	1000	Maximum Daily
4/21/2022	2	pH	6.28	S.U.	6.5	Minimum Daily
5/19/2022	3	Fecal Coliform	1,200,000	MPN/100 mL	400	Maximum Daily
5/19/2022	3	Total Coliforms	5,800,000	MPN/100 mL	1000	Maximum Daily
6/27/2022	3	Fecal Coliform	500,000	MPN/100 mL	400	Maximum Daily
6/27/2022	3	Total Coliforms	1,900,000	MPN/100 mL	1000	Maximum Daily
7/27/2022	3	Fecal Coliform	250,000	MPN/100 mL	400	Maximum Daily
7/27/2022	3	Total Coliforms	5,000,000	MPN/100 mL	1000	Maximum Daily

Date	Outfall	Parameter	Measurement	Units	Limit	Limit Type
July 2022	3	Total Residual Chlorine	0.06	mg/L	0.05	Average Monthly
8/26/2022	3	Fecal Coliform	330,000	MPN/100 mL	400	Maximum Daily
8/26/2022	3	Total Coliforms	510,000	MPN/100 mL	1000	Maximum Daily
9/26/2022	3	Fecal Coliform	160,000	MPN/100 mL	400	Maximum Daily
9/26/2022	3	Total Coliforms	1,200,000	MPN/100 mL	1000	Maximum Daily
9/26/2022	3	Total Residual Chlorine	< 0.2	mg/L	0.10	Maximum Daily
September 2022	3	Total Residual Chlorine	< 0.2	mg/L	0.05	Average Monthly
September 2022	2	Total Coliforms	2,400	MPN/100 mL	200	Monthly Geometric Mean
10/20/2022	3	Fecal Coliform	190,000	MPN/100 mL	400	Maximum Daily
10/20/2022	3	Total Coliforms	550,000	MPN/100 mL	1000	Maximum Daily
11/21/2022	2	pH	6.27	S.U.	6.5	Minimum Daily
11/21/2022	3	Fecal Coliform	14,000,000	MPN/100 mL	400	Maximum Daily
11/21/2022	3	Total Coliforms	28,000,000	MPN/100 mL	1000	Maximum Daily
November 2022	3	Total Residual Chlorine	0.1	mg/L	0.05	Average Monthly
12/30/2022	3	Fecal Coliform	84,000,000	MPN/100 mL	400	Maximum Daily
12/30/2022	3	Total Coliforms	84,000,000	MPN/100 mL	1000	Maximum Daily
December 2022	3	Total Residual Chlorine	0.08	mg/L	0.05	Average Monthly
1/31/2023	3	Fecal Coliform	350,000	MPN/100 mL	400	Maximum Daily
1/31/2023	3	Total Coliforms	600,000	MPN/100 mL	1000	Maximum Daily
2/23/2023	3	Fecal Coliform	2,500,000	MPN/100 mL	400	Maximum Daily
2/23/2023	3	Total Coliforms	4,000,000	MPN/100 mL	1000	Maximum Daily
2/23/2023	2	pH	6.26	S.U.	6.5	Minimum Daily
February 2023	2	Total Coliforms	1,500	MPN/100 mL	200	Monthly Geometric Mean
3/23/2023	3	Fecal Coliform	27,000,000	MPN/100 mL	400	Maximum Daily
3/23/2023	3	Total Coliforms	56,000,000	MPN/100 mL	1000	Maximum Daily
4/24/2023	3	pH	8.54	S.U.	8.5	Maximum Daily
4/24/2023	3	Fecal Coliform	2,800,000	MPN/100 mL	400	Maximum Daily
4/24/2023	3	Total Coliforms	3,500,000	MPN/100 mL	1000	Maximum Daily
4/24/2023	2	pH	6.37	S.U.	6.5	Minimum Daily
April 2023	2	Total Coliforms	2,600	MPN/100 mL	200	Monthly Geometric Mean
5/22/2023	3	Fecal Coliform	2,500,000	MPN/100 mL	400	Maximum Daily
5/22/2023	3	Total Coliforms	9,000,000	MPN/100 mL	1000	Maximum Daily
6/28/2023	3	Fecal Coliform	920,000	MPN/100 mL	400	Maximum Daily
6/28/2023	3	Total Coliforms	7,200,000	MPN/100 mL	1000	Maximum Daily
7/31/2023	3	Fecal Coliform	350,000	MPN/100 mL	400	Maximum Daily
7/31/2023	3	Total Coliforms	840,000	MPN/100 mL	1000	Maximum Daily
8/30/2023	3	Fecal Coliform	880,000	MPN/100 mL	400	Maximum Daily
8/30/2023	3	Total Coliforms	3,400,000	MPN/100 mL	1000	Maximum Daily
9/29/2023	3	Fecal Coliform	230,000	MPN/100 mL	400	Maximum Daily
9/29/2023	3	Total Coliforms	390,000	MPN/100 mL	1000	Maximum Daily
9/29/2023	2	Fecal Coliform	1,100	MPN/100 mL	400	Monthly Geometric Mean

Date	Outfall	Parameter	Measurement	Units	Limit	Limit Type
9/29/2023	2	Total Coliforms	7,600	MPN/100 mL	200	Monthly Geometric Mean
10/26/2023	3	Fecal Coliform	420,000	MPN/100 mL	400	Maximum Daily
10/26/2023	3	Total Coliforms	1,500,000	MPN/100 mL	1000	Maximum Daily
11/21/2023	3	Fecal Coliform	1,300,000	MPN/100 mL	400	Maximum Daily
11/21/2023	3	Total Coliforms	4,600,000	MPN/100 mL	1000	Maximum Daily
11/21/2023	2	Fecal Coliform	300,000	MPN/100 mL	400	Monthly Geometric Mean
11/21/2023	2	Total Coliforms	1,200,000	MPN/100 mL	200	Monthly Geometric Mean
12/14/2023	3	Fecal Coliform	240,000	MPN/100 mL	400	Maximum Daily
12/14/2023	3	Total Coliforms	660,000	MPN/100 mL	1000	Maximum Daily
1/25/2024	3	Fecal Coliform	190,000	MPN/100 mL	400	Maximum Daily
1/25/2024	3	Total Coliforms	640,000	MPN/100 mL	1000	Maximum Daily

Table 3. Exceedance of Early Warning Levels (EWL) from October 2021 to January 2024

Date	Outfall	Parameter	Measurement	Units	EWL	EWL Type
10/19/2021	3	Ammonia	201	mg/L	10	Maximum Daily
October 2021	3	Ammonia	201	mg/L	12	Average Monthly
October 2021	3	BOD5	1100	mg/L	41	Average Monthly
11/19/2021	3	Ammonia	24.8	mg/L	10	Maximum Daily
November 2021	3	Ammonia	24.8	mg/L	12	Average Monthly
November 2021	3	BOD5	190	mg/L	41	Average Monthly
12/13/2021	3	Ammonia	156	mg/L	10	Maximum Daily
December 2021	3	Ammonia	156	mg/L	12	Average Monthly
December 2021	3	BOD5	1200	mg/L	41	Average Monthly
1/26/2022	3	Ammonia	25.4	mg/L	10	Maximum Daily
January 2022	3	Ammonia	25.4	mg/L	12	Average Monthly
January 2022	3	BOD5	530	mg/L	41	Average Monthly
2/23/2022	3	Ammonia	108	mg/L	10	Maximum Daily
February 2022	3	Ammonia	108	mg/L	12	Average Monthly
February 2022	3	BOD5	480	mg/L	41	Average Monthly
3/24/2022	3	Ammonia	144	mg/L	10	Maximum Daily
3/24/2022	2	Nitrate + Nitrite	2.49	mg/L	1.26	Maximum Daily
March 2022	3	Ammonia	144	mg/L	12	Average Monthly
March 2022	3	BOD5	820	mg/L	41	Average Monthly
March 2022	3	Chloride	87.8	mg/L	76	Average Monthly
4/21/2022	3	Ammonia	161	mg/L	10	Maximum Daily
4/21/2022	2	Nitrate + Nitrite	3.22	mg/L	1.26	Maximum Daily
April 2022	3	Ammonia	161	mg/L	12	Average Monthly
April 2022	3	BOD5	660	mg/L	41	Average Monthly
April 2022	3	Chloride	84.6	mg/L	76	Average Monthly
5/19/2022	3	Ammonia	136	mg/L	10	Maximum Daily
May 2022	3	Ammonia	136	mg/L	12	Average Monthly
May 2022	3	BOD5	1100	mg/L	41	Average Monthly
6/27/2022	3	Ammonia	132	mg/L	10	Maximum Daily
June 2022	3	Ammonia	132	mg/L	12	Average Monthly
June 2022	3	BOD5	780	mg/L	41	Average Monthly
7/27/2022	3	Ammonia	153	mg/L	10	Maximum Daily

Date	Outfall	Parameter	Measurement	Units	EWL	EWL Type
July 2022	3	Ammonia	153	mg/L	12	Average Monthly
July 2022	3	BOD5	270	mg/L	41	Average Monthly
8/26/2022	3	Ammonia	157	mg/L	10	Maximum Daily
August 2022	3	Ammonia	157	mg/L	12	Average Monthly
August 2022	3	BOD5	130	mg/L	41	Average Monthly
August 2022	3	Chloride	89.2	mg/L	76	Average Monthly
9/26/2022	3	Ammonia	166	mg/L	10	Maximum Daily
September 2022	3	Ammonia	166	mg/L	12	Average Monthly
September 2022	3	BOD5	370	mg/L	41	Average Monthly
September 2022	3	Chloride	89.1	mg/L	76	Average Monthly
10/20/2022	3	Ammonia	157	mg/L	10	Maximum Daily
October 2022	3	Ammonia	157	mg/L	12	Average Monthly
October 2022	3	Chloride	84.3	mg/L	76	Average Monthly
11/21/2022	3	Ammonia	190	mg/L	10	Maximum Daily
November 2022	3	Ammonia	190	mg/L	12	Average Monthly
November 2022	3	BOD5	690	mg/L	41	Average Monthly
November 2022	3	Chloride	77	mg/L	76	Average Monthly
12/30/2022	3	Ammonia	122	mg/L	10	Maximum Daily
December 2022	3	Ammonia	122	mg/L	12	Average Monthly
December 2022	3	BOD5	620	mg/L	41	Average Monthly
1/31/2023	3	Ammonia	154	mg/L	10	Maximum Daily
January 2023	3	Ammonia	154	mg/L	12	Average Monthly
January 2023	3	BOD5	500	mg/L	41	Average Monthly
1 st Quarter 2023	2	Nitrate + Nitrite	1.48	mg/L	1.26	Maximum Daily
2/23/2023	3	Ammonia	175	mg/L	10	Maximum Daily
February 2023	3	Ammonia	175	mg/L	12	Average Monthly
February 2023	3	BOD5	830	mg/L	41	Average Monthly
February 2023	3	Chloride	91.7	mg/L	76	Average Monthly
3/23/2023	3	Ammonia	187	mg/L	10	Maximum Daily
3/23/2023	3	BOD5	2600	mg/L	1479	Maximum Daily
March 2023	3	Ammonia	187	mg/L	12	Average Monthly
March 2023	3	BOD5	2600	mg/L	41	Average Monthly
March 2023	3	Chloride	103	mg/L	76	Average Monthly
2 nd Quarter 2023	2	Nitrate + Nitrite	2.15	mg/L	1.26	Maximum Daily
4/24/2023	3	Ammonia	165	mg/L	10	Maximum Daily
April 2023	3	Ammonia	165	mg/L	12	Average Monthly
April 2023	3	BOD5	1000	mg/L	41	Average Monthly
April 2023	3	Chloride	95.1	mg/L	76	Average Monthly
5/22/2023	3	Ammonia	164	mg/L	10	Maximum Daily
May 2023	3	Ammonia	164	mg/L	12	Average Monthly
May 2023	3	BOD5	960	mg/L	41	Average Monthly
May 2023	3	Chloride	99.7	mg/L	76	Average Monthly
6/28/2023	3	Ammonia	171	mg/L	10	Maximum Daily
6/28/2023	3	BOD5	1600	mg/L	1479	Maximum Daily
June 2023	3	Ammonia	171	mg/L	12	Average Monthly
June 2023	3	BOD5	1600	mg/L	41	Average Monthly
June 2023	3	Chloride	90.7	mg/L	76	Average Monthly
7/31/2023	3	Ammonia	151	mg/L	10	Maximum Daily
7/31/2023	3	BOD5	1900	mg/L	1479	Maximum Daily
July 2023	3	Ammonia	151	mg/L	12	Average Monthly
July 2023	3	BOD5	1900	mg/L	41	Average Monthly

Date	Outfall	Parameter	Measurement	Units	EWL	EWL Type
July 2023	3	Chloride	97.8	mg/L	76	Average Monthly
8/30/2023	3	Ammonia	150	mg/L	10	Maximum Daily
8/30/2023	3	BOD5	2200	mg/L	1479	Maximum Daily
August 2023	3	Ammonia	150	mg/L	12	Average Monthly
August 2023	3	BOD5	2200	mg/L	41	Average Monthly
August 2023	3	Chloride	85.3	mg/L	76	Average Monthly
9/29/2023	3	Ammonia	126	mg/L	10	Maximum Daily
September 2023	3	Ammonia	126	mg/L	12	Average Monthly
September 2023	3	BOD5	1200	mg/L	41	Average Monthly
September 2023	3	Chloride	97.7	mg/L	76	Average Monthly
10/26/2023	3	Ammonia	155	mg/L	10	Maximum Daily
10/26/2023	3	BOD5	3800	mg/L	1479	Maximum Daily
October 2023	3	Ammonia	155	mg/L	12	Average Monthly
October 2023	3	BOD5	3800	mg/L	41	Average Monthly
October 2023	3	Chloride	90.0	mg/L	76	Average Monthly
11/21/2023	3	Ammonia	165	mg/L	10	Maximum Daily
November 2023	3	Ammonia	165	mg/L	12	Average Monthly
November 2023	3	BOD5	1400	mg/L	41	Average Monthly
November 2023	3	Chloride	87.5	mg/L	76	Average Monthly
12/14/2023	3	Ammonia	106	mg/L	10	Maximum Daily
December 2023	3	Ammonia	106	mg/L	12	Average Monthly
December 2023	3	BOD5	780	mg/L	41	Average Monthly
1/25/2024	3	Ammonia	163	mg/L	10	Maximum Daily
1/25/2024	3	BOD5	1500	mg/L	1479	Maximum Daily
January 2024	3	Ammonia	163	mg/L	12	Average Monthly
January 2024	3	BOD5	1500	mg/L	41	Average Monthly
January 2024	3	Chloride	83.6	mg/L	76	Average Monthly

BOD5 = 5-Day Biochemical Oxygen Demand

This determination does not constitute an Order or directive under RCW 43.21B.310.

3. File a Report with Ecology

Pursuant to RCW 90.48.120(1), within thirty (30) days from receipt of this Notice of Violation, ZYK must file a full report with Ecology stating:

1. What steps **HAVE BEEN** taken to control such waste or pollution to otherwise comply with this determination of Ecology.
2. What steps **ARE BEING** taken to control such waste or pollution to otherwise comply with this determination of Ecology.

Send the report to:

Gretchen Onstad
 Department of Ecology
 Water Quality Program
 Northwest Region Office
 P.O. Box 330316
 Shoreline, WA 98133-9716

4. Contact Information

Please direct all questions about this Notice of Violation to:

Gretchen Onstad, PhD
Department of Ecology
Water Quality Program
Northwest Region Office
P.O. Box 330316
Shoreline, WA 98133-9716

Phone: (425) 457-0999
Email: gretchen.onstad@ecy.wa.gov

5. More Information

- Chapter 90.48 RCW – Water Pollution Control
<https://apps.leg.wa.gov/rcw/default.aspx?cite=90.48>

6. Signature



Rachel McCrea
Water Quality Section Manager
Northwest Region Office

April 2, 2024
Date