

June 13, 2022

Sonia Fernández, LG
Department of Ecology - Toxics Cleanup Program
Northwest Regional Office
15700 Dayton Avenue North
Shoreline, Washington 98133

**RE: February 2021 to June 2022 Property Remediation Memorandum
University VW-Audi Property
4724 Roosevelt Way Northeast and 4701 11th Avenue Northeast
Seattle, Washington 98105
RGI Project No. 2014-068K
Ecology VCP No. NW2584**

Dear Sonia Fernández:

The Riley Group, Inc. (RGI) has continued to operate the Property SVE and groundwater pump-and-treat system at the University VW-Audi Property located at 4724 Roosevelt Way Northeast and 4701 11th Avenue Northeast, Seattle, Washington (hereafter referred to as the Property). The attached includes copies of the February 15, 2022 and March 22, 2021 *Letter of Authorizations to Discharge to the Sanitary Sewer* and the complete *Individual Authorization Application for Construction Dewatering* application.

The objective of this document is to demonstrate that soil and/or groundwater remediation has been performed on the Property for the last year or two. And based on the summary below of remediation work performed the last year or more, that Ecology will retract the recent Termination Letter and reinstate the Property's VCP No. 2584.

RGI installed and has been operating and maintaining a remediation system since May of 2017 through present (for approximately 5 years).

Most recently, the remedial focus has been on the continued dewatering of groundwater wells DPE6 and DPE7 from February of 2021 to-date. These two groundwater monitoring wells have had the greatest petroleum hydrocarbon concentrations. However, there were several months of non-operation between February of 2021 and April of 2022 due to system downtime due to SVE system upgrades and repairs coupled with lack of equipment available and backlog.

FEBRUARY 2021 TO JUNE 2022 PROPERTY REMEDIATION

DPE7 February 2021 to May 2021

From February 4, 2021 to February 26, 2021, the SVE/groundwater extraction system removed approximately 2,450 gallons of groundwater from well DPE7. The removed groundwater was stored in 250-gallon plastic totes on the Property until they were pumped out by Marine Vacuum for proper off-site disposal.

Between February 26, 2021 and April 5, 2021, the remediation system was off while permitting and installation was conducted for the direct-to-sewer discharge of the Property groundwater removed by the SVE system. Permitting for direct-to-sewer discharge was provided by King County under Authorization #11902-01 (see attached).

Corporate Office
17522 Bothell Way Northeast
Bothell, Washington 98011
Phone 425.415.0551 ♦ Fax 425.415.0311

www.riley-group.com

The system was reactivated on April 5, 2021 for system testing and was shut down that same day for further upgrades/repairs to the SVE system. Approximately 46.5 gallons from well DPE7 were removed and discharged from groundwater monitoring DPE7 (cumulative removal of 2,496.5 gallons). The system remained off until April 20, 2021.

The remediation system operated continuously between April 20, 2021 and May 18, 2021, and removed and discharged 3,693.5 gallons from well DPE7 during this period (for a cumulative removal of 6,190 gallons from DPE7).

Between May 18, 2021 and June 4, 2021, the remediation system was off-line while an effluent air condensate trap was obtained and constructed.

DPE6 June 2021 to February 2022

Operation of the remediation system restarted on June 4, 2021 and operated until June 28, 2022 – removing 1,481.5 gallons of groundwater from this period from monitoring well DPE6 (for a cumulative removal of 1,481.5 gallons from DPE6).

Due to a faulty relay, the system was shut-off between June 28, 2021 and October 6, 2021. The COVID pandemic caused a significant delay in receiving the necessary parts.

The system operated between October 6, 2021 and October 8, 2021. However, the system blower seals began to fail, and was shut down on October 8, 2021. Approximately 237.5 gallons were removed during the time period (for a cumulative removal of 1,720 gallons from DPE6).

The blower seals were repaired/replaced between October 8, 2021 and October 19, 2021.

The system was restarted on October 19, 2021 and ran continuously until November 5, 2021. Approximately 1,326.5 gallons were removed from DPE6 during this period (for a cumulative removal and discharge to sewer of 3,046.5 gallons from well DPE6).

A tripped sensor caused the system to shut-off from November 5, 2021 until November 8, 2021.

On November 8, 2021, the system was restarted and operated until November 13, 2021 when the system seals failed again. A further approximately 243 gallons were removed from DPE6 (cumulative removal of 3,289.5 gallons from DPE6).

The system was shut-down between November 13, 2021 and February 16, 2022 while the original blower motor was removed and replaced.

The system was restarted on February 16, 2022 with a new blower motor and operated on DPE6 continuously until February 25, 2022. Approximately 1,311.5 gallons were removed and discharged to the side sewer from DPE6 (for a cumulative removal of 4,601 gallons from DPE6).

DPE7 February 2022 to April 2022

On February 25, 2022, the remediation system was converted to well DPE7. The system removed groundwater from DPE7 continuously until March 16, 2022. Approximately 9,360.5 gallons of groundwater were removed and discharged to the side sewer from DPE7 (for a cumulative removal of 15,550.5 gallons from DPE7).

Due to a failed transfer pump, the system was off between March 16, 2022 and April 22, 2022. Approximately 32 gallons discharged from what remained in the system itself at the time of the shut down (cumulative removal of 15,582.5 gallons from DPE7).

DPE6 April 2022 to June 2022 (present)

Once a new transfer pump was installed, the system was restarted on April 22, 2022. The system was swapped from DPE7 back to DPE6 again. It ran continuously until May 10, 2022. A further approximately 2,204 gallons were removed from DPE6 (for a cumulative removal of 6,805 gallons from DPE6).

Between May 10, 2022 and May 12, 2022, the system was off because the construction/renovation of the Audi VW buildings with required the remediation system be shut-down.

The system was restarted on May 12, 2022 and was shut down on May 13, 2022 when power to the system had to be shut-off again for the Property building construction/renovation. Approximately 319 gallons of groundwater were removed and discharged to the side sewer from DPE6 (for a cumulative removal of 7,124 gallons from DPE6).

Another power-off was needed for the construction/renovation between May 13, 2022 and May 16, 2022.

The system was restarted on May 16, 2022, and was shut down May 17, 2022 for the final power outage associated with the construction/renovation. Approximately 221 gallons were removed from DPE6 (for a cumulative removal of 7,345 gallons from DPE6).

After the final power-down, the system was restarted on May 18, 2022, and has been operating continuously since then. As of June 10, 2022, approximately 3,200.5 gallons of groundwater were removed from DPE6 (for a cumulative removal of 10,545.5 gallons from DPE6).

Summary


Since SVE/groundwater dewatering began in February of 2021, approximately 10,545.5 and 15,582.5 gallons of groundwater has been removed from wells DPE6 and DPE7, respectively and discharged to the sanitary side sewer (for a combined total removal of 26,128 gallons).

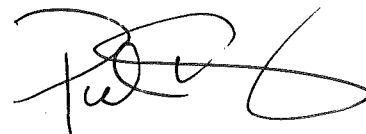
Continued remediation is planned with the objective of bringing groundwater on the Property into compliance with the Ecology cleanup levels.

If you have any questions or need additional information, please contact the undersigned at (425) 415-0551.

Respectfully submitted,

THE RILEY GROUP, INC.

FOR 
Tait S. Russell, LG
Project Geologist


Paul D. Riley, LG, LHG
Principal

Distribution: Sonia Fernández, Department of Ecology

Kelli Barker, Department of Ecology

Grant Yang, Department of Ecology

Louise Bardy, Department of Ecology

Rob Will, University Audi VW

Pump out 220-Gallon Totes								
Totes Pumped out by vac-truck	Well	Status	Meter1 (gal)	Meter2 (gal)	Removed (gal)	Cumulative Tote (gal)	Total Removed to Date (gal)	
2/4/2021	DPE7	On	---	---	600	600	600	
2/11/2021	DPE7	On	---	---	600	1,200	1,200	
2/19/2021	DPE7	On	---	---	750	1,950	1,950	
2/26/2021	DPE7	On	---	---	500	2,450	2,450	
Direct Discharge to Side Sewer								
From	To	Well	Status	Meter1 (gal)	Meter2 (gal)	Discharged (gal)	Individual Well Cumulative Direct (gal)	Individual Well Total Removed to Date (gal)
2/26/2021	4/5/2021	DPE7	Off	4060.5	4060.5	0.0	0.0	2,450.0
4/5/2021	4/5/2021	DPE7	On	4060.5	4107.0	46.5	46.5	2,496.5
4/5/2021	4/20/2021	DPE7	Off	4107.0	4107.0	0.0	46.5	2,496.5
4/20/2021	4/20/2021	DPE7	On	4107.0	4137.5	30.5	77.0	2,527.0
4/20/2021	4/21/2021	DPE7	On	4137.5	4242.0	104.5	181.5	2,631.5
4/21/2021	4/21/2021	DPE7	On	4242.0	4272.0	30.0	211.5	2,661.5
4/21/2021	4/22/2021	DPE7	On	4272.0	4401.0	129.0	340.5	2,790.5
4/22/2021	4/22/2021	DPE7	On	4401.0	4426.0	25.0	365.5	2,815.5
4/22/2021	4/23/2021	DPE7	On	4426.0	4527.0	101.0	466.5	2,916.5
4/23/2021	4/23/2021	DPE7	On	4527.0	4552.0	25.0	491.5	2,941.5
4/23/2021	4/26/2021	DPE7	On	4552.0	5002.0	450.0	941.5	3,391.5
4/26/2021	4/26/2021	DPE7	On	5002.0	5007.5	5.5	947.0	3,397.0
4/26/2021	5/4/2021	DPE7	On	5007.5	6028.5	1,021.0	1,968.0	4,418.0
5/4/2021	5/6/2021	DPE7	On	6028.5	6261.0	232.5	2,200.5	4,650.5
5/6/2021	5/6/2021	DPE7	On	6261.0	6296.0	35.0	2,235.5	4,685.5
5/6/2021	5/12/2021	DPE7	On	6296.0	7027.0	731.0	2,966.5	5,416.5
5/12/2021	5/14/2021	DPE7	On	7027.0	7254.0	227.0	3,193.5	5,643.5
5/14/2021	5/14/2021	DPE7	On	7254.0	7279.0	25.0	3,218.5	5,668.5
5/14/2021	5/18/2021	DPE7	On	7279.0	7783.0	504.0	3,722.5	6,172.5
5/18/2021	5/18/2021	DPE7	On	7783.0	7800.5	17.5	3,740.0	6,190.0
5/18/2021	6/4/2021	DPE7	Off	7800.5	7800.5	0.0	3,740.0	6,190.0
6/4/2021	6/4/2021	DPE6	On	7800.5	7804.5	4.0	4.0	4.0
6/4/2021	6/4/2021	DPE6	On	7804.5	7845.5	41.0	45.0	45.0
6/4/2021	6/7/2021	DPE6	Off	7845.5	7845.5	0.0	45.0	45.0
6/7/2021	6/7/2021	DPE6	On	7845.5	7847.0	1.5	46.5	46.5
6/7/2021	6/11/2021	DPE6	On	7847.0	8250.0	403.0	449.5	449.5
6/11/2021	6/14/2021	DPE6	Off	8250.0	8266.5	16.5	466.0	466.0
6/14/2021	6/17/2021	DPE6	Off	8266.5	8266.5	0.0	466.0	466.0
6/17/2021	6/18/2021	DPE6	On	8266.5	8317.0	50.5	516.5	516.5
6/18/2021	6/19/2021	DPE6	On	8317.0	8443.0	126.0	642.5	642.5
6/19/2021	6/19/2021	DPE6	On	8443.0	8449.5	6.5	649.0	649.0
6/19/2021	6/20/2021	DPE6	On	8449.5	8550.0	100.5	749.5	749.5
6/20/2021	6/21/2021	DPE6	On	8550.0	8650.5	100.5	850.0	850.0
6/21/2021	6/21/2021	DPE6	On	8650.5	8650.5	0.0	850.0	850.0

6/21/2021	6/22/2021	DPE6	On	8650.5	8766.0	115.5	965.5	965.5
6/22/2021	6/22/2021	DPE6	On	8766.0	8766.0	0.0	965.5	965.5
6/22/2021	6/22/2021	DPE6	On	8766.0	8766.5	0.5	966.0	966.0
6/22/2021	6/23/2021	DPE6	On	8766.5	8842.0	75.5	1,041.5	1,041.5
6/23/2021	6/24/2021	DPE6	On	8842.0	8943.0	101.0	1,142.5	1,142.5
6/24/2021	6/26/2021	DPE6	On	8943.0	9144.0	201.0	1,343.5	1,343.5
6/26/2021	6/28/2021	DPE6	On	9144.0	9282.0	138.0	1,481.5	1,481.5
6/28/2021	10/6/2021	DPE6	Off	9282.0	9282.0	0.0	1,481.5	1,481.5
10/6/2021	10/6/2021	DPE6	On	9282.0	9283.0	1.0	1,482.5	1,482.5
10/6/2021	10/8/2021	DPE6	On	9283.0	9520.5	237.5	1,720.0	1,720.0
10/8/2021	10/19/2021	DPE6	Off	9520.5	9520.5	0.0	1,720.0	1,720.0
10/19/2021	10/19/2021	DPE6	On	9520.5	9546.5	26.0	1,746.0	1,746.0
10/19/2021	10/20/2021	DPE6	On	9546.5	9622.0	75.5	1,821.5	1,821.5
10/20/2021	10/21/2021	DPE6	On	9622.0	9723.0	101.0	1,922.5	1,922.5
10/21/2021	10/22/2021	DPE6	On	9723.0	9823.0	100.0	2,022.5	2,022.5
10/22/2021	10/24/2021	DPE6	On	9823.0	9999.0	176.0	2,198.5	2,198.5
10/24/2021	10/26/2021	DPE6	On	9999.0	10150.0	151.0	2,349.5	2,349.5
10/26/2021	10/28/2021	DPE6	On	10150.0	10300.5	150.5	2,500.0	2,500.0
10/28/2021	10/31/2021	DPE6	On	10300.5	10502.0	201.5	2,701.5	2,701.5
10/31/2021	11/3/2021	DPE6	On	10502.0	10730.5	228.5	2,930.0	2,930.0
11/3/2021	11/5/2021	DPE6	On	10730.5	10847.0	116.5	3,046.5	3,046.5
11/5/2021	11/8/2021	DPE6	Off	10847.0	10847.0	0.0	3,046.5	3,046.5
11/8/2021	11/8/2021	DPE6	On	10847.0	10848.0	1.0	3,047.5	3,047.5
11/8/2021	11/9/2021	DPE6	On	10848.0	10898.5	50.5	3,098.0	3,098.0
11/9/2021	11/10/2021	DPE6	On	10898.5	10974.0	75.5	3,173.5	3,173.5
11/10/2021	11/13/2021	DPE6	On	10974.0	11090.0	116.0	3,289.5	3,289.5
11/13/2021	2/16/2022	DPE6	Off	11090.0	11090.0	0.0	3,289.5	3,289.5
2/16/2022	2/16/2022	DPE6	On	11090.0	11091.0	1.0	3,290.5	3,290.5
2/16/2022	2/17/2022	DPE6	On	11091.0	11329.5	238.5	3,529.0	3,529.0
2/17/2022	2/18/2022	DPE6	On	11329.5	11472.0	142.5	3,671.5	3,671.5
2/18/2022	2/21/2022	DPE6	On	11472.0	11902.5	430.5	4,102.0	4,102.0
2/21/2022	2/23/2022	DPE6	On	11902.5	12155.5	253.0	4,355.0	4,355.0
2/23/2022	2/25/2022	DPE6	On	12155.5	12401.5	246.0	4,601.0	4,601.0
2/25/2022	2/25/2022	DPE7	On	12401.5	12436.0	34.5	3,774.5	6,224.5
2/25/2022	2/26/2022	DPE7	On	12436.0	13144.0	708.0	4,482.5	6,932.5
2/26/2022	3/1/2022	DPE7	On	13144.0	14810.0	1,666.0	6,148.5	8,598.5
3/1/2022	3/3/2022	DPE7	On	14810.0	15693.0	883.0	7,031.5	9,481.5
3/3/2022	3/3/2022	DPE7	On	15693.0	15719.0	26.0	7,057.5	9,507.5
3/3/2022	3/5/2022	DPE7	On	15719.0	16729.5	1,010.5	8,068.0	10,518.0
3/5/2022	3/7/2022	DPE7	On	16729.5	17580.0	850.5	8,918.5	11,368.5
3/7/2022	3/10/2022	DPE7	On	17580.0	18799.5	1,219.5	10,138.0	12,588.0
3/10/2022	3/13/2022	DPE7	On	18799.5	20353.0	1,553.5	11,691.5	14,141.5
3/13/2022	3/16/2022	DPE7	On	20353.0	21699.0	1,346.0	13,037.5	15,487.5
3/16/2022	3/16/2022	DPE7	On	21699.0	21762.0	63.0	13,100.5	15,550.5
3/16/2022	3/24/2022	DPE7	Off	21762.0	21762.0	0.0	13,100.5	15,550.5
3/24/2022	4/22/2022	DPE7	Off	21762.0	21794.0	32.0	13,132.5	15,582.5

4/22/2022	4/22/2022	DPE6	On	21794.0	21819.5	25.5	4,626.5	4,626.5
4/22/2022	4/25/2022	DPE6	On	21819.5	22352.0	532.5	5,159.0	5,159.0
4/25/2022	5/2/2022	DPE6	On	22352.0	23187.0	835.0	5,994.0	5,994.0
5/2/2022	5/5/2022	DPE6	On	23187.0	23541.0	354.0	6,348.0	6,348.0
5/5/2022	5/5/2022	DPE6	On	23541.0	23566.0	25.0	6,373.0	6,373.0
5/5/2022	5/7/2022	DPE6	On	23566.0	23768.5	202.5	6,575.5	6,575.5
5/7/2022	5/10/2022	DPE6	On	23768.5	23998.0	229.5	6,805.0	6,805.0
5/10/2022	5/12/2022	DPE6	Off	23998.0	23998.0	0.0	6,805.0	6,805.0
5/12/2022	5/12/2022	DPE6	On	23998.0	24130.0	132.0	6,937.0	6,937.0
5/12/2022	5/13/2022	DPE6	On	24130.0	24317.0	187.0	7,124.0	7,124.0
5/13/2022	5/16/2022	DPE6	Off	24317.0	24317.0	0.0	7,124.0	7,124.0
5/16/2022	5/16/2022	DPE6	On	24317.0	24334.5	17.5	7,141.5	7,141.5
5/16/2022	5/17/2022	DPE6	On	24334.5	24538.0	203.5	7,345.0	7,345.0
5/17/2022	5/18/2022	DPE6	Off	24538.0	24538.0	0.0	7,345.0	7,345.0
5/18/2022	5/18/2022	DPE6	On	24538.0	24561.2	23.2	7,368.2	7,368.2
5/18/2022	5/19/2022	DPE6	On	24561.2	24745.5	184.3	7,552.5	7,552.5
5/19/2022	5/21/2022	DPE6	On	24745.5	25050.0	304.5	7,857.0	7,857.0
5/21/2022	5/23/2022	DPE6	On	25050.0	25338.5	288.5	8,145.5	8,145.5
5/23/2022	5/25/2022	DPE6	On	25338.5	25559.5	221.0	8,366.5	8,366.5
5/25/2022	5/26/2022	DPE6	On	25559.5	25712.0	152.5	8,519.0	8,519.0
5/26/2022	5/28/2022	DPE6	On	25712.0	25990.5	278.5	8,797.5	8,797.5
5/28/2022	6/1/2022	DPE6	On	25990.5	26523.0	532.5	9,330.0	9,330.0
6/1/2022	6/3/2022	DPE6	On	26523.0	26776.0	253.0	9,583.0	9,583.0
6/3/2022	6/6/2022	DPE6	On	26776.0	27181.5	405.5	9,988.5	9,988.5
6/6/2022	6/8/2022	DPE6	On	27181.5	27460.0	278.5	10,267.0	10,267.0
6/8/2022	6/10/2022	DPE6	On	27460.0	27738.5	278.5	10,545.5	10,545.5
6/10/2022								



King County

Wastewater Treatment Division

Industrial Waste Program

Department of Natural Resources and Parks

201 South Jackson Street, Suite 5513

Seattle, WA 98104-3855

206-477-5300 Fax 206-263-3001

TTY Relay: 711

February 15, 2022

SENT VIA EMAIL ONLY
READ RECEIPT REQUESTED

Rob Will
Freeway Motors, Inc
4724 Roosevelt Way NE
Seattle, WA 98105

Revised Letter of Authorization 11902-01 to Discharge to the Sanitary Sewer

Dear Mr. Rob Will:

The King County Industrial Waste Program (KCIW) has reviewed your February 15, 2022, request to extend the authorization to discharge wastewater from the groundwater remediation operation at Freeway Motors, Inc. - University Audi VW Remediation Project located at 4724 Roosevelt Way NE, Seattle, Washington, to the sanitary sewer. In accordance with King County Code 28.84.060 (available at: www.kingcounty.gov/council/legislation/kc_code.aspx), KCIW grants approval for the extension of this approval for the discharge of up to 600 gallons per day from **February 15, 2022**, through **July 1, 2024**, provided that:

- You obtain the required approval from Seattle Public Utilities before discharge to allow for permitting of a connection to the sanitary sewer and assessment of sewer charges. Please call Julie Howell, 684-3244, to obtain the required approval.
- You meet the discharge limitations and requirements listed below.

Approved Wastestream

This authorization permits the discharge of industrial wastewater associated with the high vacuum/low flow liquid ring pump system installed in January 2021.

Discharge Limitations

There shall be no odor of solvent, gasoline, or hydrogen sulfide (rotten egg odor), oil sheen, unusual color, or visible turbidity. The discharge must remain translucent. If you exceed any of the discharge limits, you must stop discharging and notify KCIW by calling 206-477-5300.

Parameter	Discharge Limitation
Maximum Daily Discharge Volume	600 Gallons per day (gpd)
Non-Polar Fats, Oils and Grease (FOG)	100 mg/L

Benzene	70 (µg/L)
Ethylbenzene	1700 (µg/L)
Toluene	1400 (µg/L)
Total Xylenes	2200 (µg/L)

If a violation of any discharge limits or operating criteria is detected in monitoring, you shall notify KCIW immediately upon receipt of analytical data.

In the event the permittee is unable to comply with any of the conditions of this letter of authorization because of breakdown of equipment or facilities, an accident caused by human error, negligence, or any other cause, such as an act of nature the company shall:

1. Take immediate action to stop, contain, and clean up the unauthorized discharges and correct the problem.
2. Immediately notify KCIW and take steps to prevent damage to the sewer system.
3. Submit a written report within 14 days of the event (14-Day Report) describing the breakdown, the actual quantity and quality of wastes discharged, corrective action taken, and the steps taken to prevent recurrence.

If you propose to increase the volume of your discharge or change the type or quantities of substances discharged, you must contact KCIW at least 60 days before making these changes.

King County Code 28.84 authorizes a fee for each Letter of Authorization issued by the King County Department of Natural Resources and Parks. The current fee for issuance of a new Letter of Authorization is \$1500. King County will send you an invoice for this amount.

If you have any questions about this authorization or your wastewater discharge, please call me at 206-477-5465 or email me at dave.haberman@kingcounty.gov. You may also wish to visit our program's Internet pages at: www.kingcounty.gov/industrialwaste.

Thank you for helping to support our mission to protect public health and enhance the environment.

Sincerely,

Dave Haberman
Compliance Investigator

Enclosure

e-cc: Rob Will, Freeway Motors, Inc., rob@uvwaudi.com
Julie Howell, Seattle Public Utilities, julie.howell@seattle.gov



King County

Wastewater Treatment Division

Industrial Waste Program

Department of Natural Resources and Parks

201 South Jackson Street, Suite 5513
Seattle, WA 98104-3855

206-477-5300 Fax 206-263-3001

TTY Relay: 711

March 22, 2021

SENT VIA EMAIL ONLY
READ RECEIPT REQUESTED

Rob Will
Freeway Motors, Inc
4724 Roosevelt Way NE
Seattle, WA 98105

Letter of Authorization 11902-01 to Discharge to the Sanitary Sewer

Dear Mr. Rob Will:

The King County Industrial Waste Program (KCIW) has reviewed your February 23, 2021, application requesting authorization to discharge wastewater from the groundwater remediation operation at Freeway Motors, Inc. - University Audi VW Remediation Project located at 4724 Roosevelt Way NE, Seattle, Washington, to the sanitary sewer. In accordance with King County Code 28.84.060 (available at: www.kingcounty.gov/council/legislation/kc_code.aspx), KCIW grants approval for the discharge of up to 200 gallons per day from **April 1, 2021**, through **July 1, 2022**, provided that:

- You obtain the required approval from Seattle Public Utilities before discharge to allow for permitting of a connection to the sanitary sewer and assessment of sewer charges. Please call Julie Howell, 684-3244, to obtain the required approval.
- You meet the discharge limitations and requirements listed below.

Approved Wastestream

This authorization permits the discharge of industrial wastewater associated with the high vacuum/low flow liquid ring pump system installed in January 2021.

Discharge Limitations

There shall be no odor of solvent, gasoline, or hydrogen sulfide (rotten egg odor), oil sheen, unusual color, or visible turbidity. The discharge must remain translucent. If you exceed any of the discharge limits, you must stop discharging and notify KCIW by calling 206-477-5300.

Parameter	Discharge Limitation
Maximum Daily Discharge Volume	200 Gallons per day (gpd)
Non-Polar Fats, Oils and Grease (FOG)	100 mg/L
Benzene	70 (µg/L)
Ethylbenzene	1700 (µg/L)
Toluene	1400 (µg/L)
Total Xylenes	2200 (µg/L)

Rob Will
March 22, 2021
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If a violation of any discharge limits or operating criteria is detected in monitoring, you shall notify KCIW immediately upon receipt of analytical data.

In the event the permittee is unable to comply with any of the conditions of this letter of authorization because of breakdown of equipment or facilities, an accident caused by human error, negligence, or any other cause, such as an act of nature the company shall:

1. Take immediate action to stop, contain, and clean up the unauthorized discharges and correct the problem.
2. Immediately notify KCIW and take steps to prevent damage to the sewer system.
3. Submit a written report within 14 days of the event (14-Day Report) describing the breakdown, the actual quantity and quality of wastes discharged, corrective action taken, and the steps taken to prevent recurrence.

If you propose to increase the volume of your discharge or change the type or quantities of substances discharged, you must contact KCIW at least 60 days before making these changes.

King County Code 28.84 authorizes a fee for each Letter of Authorization issued by the King County Department of Natural Resources and Parks. The current fee for issuance of a new Letter of Authorization is \$1500. King County will send you an invoice for this amount.

If you have any questions about this authorization or your wastewater discharge, please call me at 206-477-5465 or email me at dave.haberman@kingcounty.gov. You may also wish to visit our program's Internet pages at: www.kingcounty.gov/industrialwaste.

Thank you for helping to support our mission to protect public health and enhance the environment.

Sincerely,

DocuSigned by:



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Dave Haberman

Compliance Investigator

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Julie Howell, Seattle Public Utilities, julie.howell@seattle.gov



Instructions

It may be possible to send water from construction sites into the sanitary sewer if approved by the King County Industrial Waste Program (KCIW) and the local sewer agency.

Who needs approval

Most construction projects discharging to sanitary sewers in King County's Wastewater Service area (including combined sewers that carry stormwater and sewage in the older parts of Seattle) need approval.

- Single family residential construction projects should check with the local city or sewer agency. KCIW does not require applications from these projects.
- Projects discharging to separated storm sewers or surface water bodies do not need approval from wastewater utilities. Check with the appropriate entity:
 - Contaminated site any size: Washington State Department of Ecology
 - Clean site more than 1 acre: Washington State Department of Ecology
 - Clean site less than 1 acre: Local jurisdiction's stormwater utility

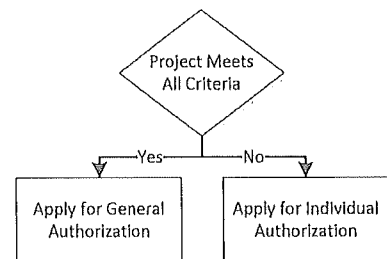
How to get approval to discharge to sanitary sewers

1. Contact the local sewer agency. Confirm they accept water from construction sites. Confirm the location and conditions for discharging to their system. A list of local agencies is available: <http://www.kingcounty.gov/environment/wtd/About/SewerAgencies.aspx>
2. Select your King County construction dewatering application (individual or general).
3. Download, complete, print and sign your application. Scan your signed application and submit it to King County via email: info.KCIW@kingcounty.gov.
4. Contact the local sewer agency for permission to connect to their system and any additional requirements.

Select your King County application

KCIW offers two types of authorizations for discharging construction water to sanitary sewers: Individual and General. You may be able to use the simpler form, *General Authorization Application for Construction Dewatering*, if your project meets all of the following criteria:

- Site is not contaminated.
- Site is less than 1 acre.
- Project will discharge less than 25,000 gallons per day (gpd) to the sanitary sewer.
- Site has a sedimentation tank.



If your project does not meet all four criteria, you must use this form, *Individual Authorization Application for Construction Dewatering*. Both forms are available at www.kingcounty.gov/industrialwaste. Applying for a General Authorization is easier and requires less documentation (no exhibits) than an Individual Authorization. No reporting is necessary once the General Authorization is approved.

Tips for a Successful Application

- Complete one application for each construction site.
- Answer all questions; use additional pages, if needed. (See the application checklist on page 2.)
- Make sure the authorized representative (site owner) signs this application. (See pages 3 and 4.)
- Keep the original signed application in your records until the project is complete.
- For questions, contact KCIW at info.KCIW@kingcounty.gov or 206-477-5300.