

WHITMAN Environmental Sciences

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June 13, 2019

Washington Department of Ecology
3190 160th Avenue SE
Bellevue, WA 98008

Attention: Mr. Grant Yang

Subject: Status Update
Former FedEx Freight Seattle Terminal
18221 East Valley Highway
Kent, Washington 98032

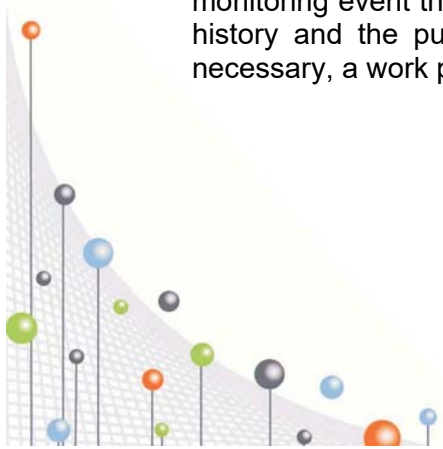
Dear Mr. Yang:

Thank you for your recent status update request letter about the above referenced facility. The former FedEx Freight Terminal has been undergoing compliance monitoring and we are currently planning for a groundwater pump test to evaluate the response at one monitoring well that continues to show elevated benzene concentrations. Cleanup and monitoring efforts at this site remain active and FedEx Freight is committed to meeting all cleanup standards at the facility. We would like to remain in the Voluntary Cleanup Program.

Five groundwater monitoring events have been conducted from November 2016 to the present. Three monitoring wells in and downgradient of the former fueling area have been sampled. In four of these events, groundwater samples from one well (RW-2) do not meet the MTCA Method A groundwater cleanup level for benzene. Diesel range total petroleum hydrocarbons have exceeded the MTCA Method A cleanup level in one other well (MW-10) in three of these sampling events, although analyses suggests it is influenced by organic material in the groundwater. A table summarizing these recent groundwater monitoring results is attached.

Access to the site has been limited, since the new property owner has been conducting demolition, site reconstruction and paving in the monitoring area through much of 2018 to the present. However, a recent check confirms that all of the groundwater monitoring wells have been preserved and will be accessible in the future.

Although there is an overall trend of decreasing concentrations over time, well RW-2 may be reaching an asymptotic point where little further progress will be made in a timely manner without additional cleanup actions. To evaluate potential options, WES will be conducting a pump test and monitoring event this month. I will be preparing a report addressing the most recent monitoring history and the pump test results. If testing shows that additional actions are feasible and necessary, a work plan will be developed for future cleanup and compliance monitoring.



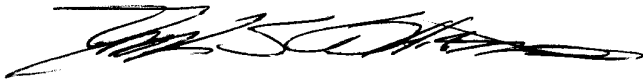
Response to Status Update Request
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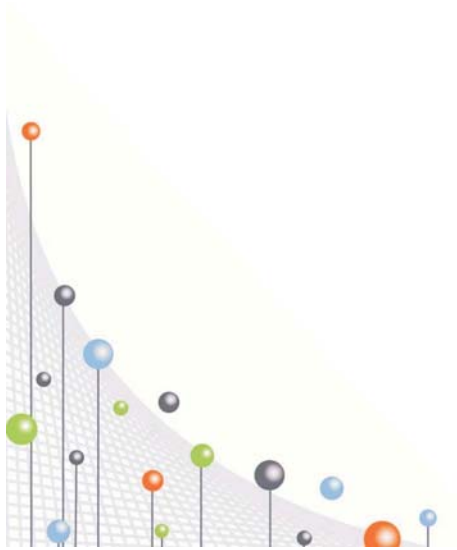
Thank you for the opportunity to be of service to you in this matter. If you have any questions or if I may be of any further assistance, please feel free to contact me at your convenience.

Respectfully submitted,
Whitman Environmental Sciences

A handwritten signature in black ink, appearing to read 'Dan Whitman', with a stylized, flowing script.

Daniel S. Whitman, L.G.
Principal

Attachment: Groundwater Monitoring Results Summary, 2016-2019,
Former FedEx Freight, Inc. Seattle Area Terminal



FedEx Freight, Inc., Former Seattle Area Terminal
November 2016 to May 2019 Summary of Groundwater Sample Analytical Results

WES-1276

Sample I.D.	Sample Date	Laboratory Analytical Results in ug/l (ppb)						
		NWTPH-D(x)		NWTPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes
		Diesel	Oil	Gasoline				
RW-2*	11/1/2016	ND(<51)	ND(<260)	ND (<100)	3.3	ND (<1)	ND (<1)	ND (<3)
		ND(<50) ^{SG}	ND(<250) ^{SG}					
	3/16/2017	ND(<50)	ND(<250)	150	12	ND (<1)	1.5	ND (<3)
		ND(<50) ^{SG}	ND(<250) ^{SG}					
	12/28/2017 400 gal pumped	ND(<50) ^{SG}	ND(<250) ^{SG}	290	39	1.3	5.1	3.2
	8/1/2018	NA After 1.5 well volume	NA	620	95	1.6	ND (<1)	4.4
		NA After 3 well volumes	NA	230	40	ND (<1)	ND (<1)	ND (<3)
	5/2/2019	NA After 1 well volume	NA	360	55	ND (<1)	9.7	6.3
		52 ^X SG After 2 well volumes	ND(<250) ^{SG}	220	25	ND (<1)	4.1	2.9
MW-2	11/1/2016	360	ND(<260)	ND (<100)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
		ND(<50) ^{SG}	ND(<250) ^{SG}					
	3/16/2017	300 ^X	ND(<250)	ND (<100)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
		ND(<50) ^{SG}	ND(<250) ^{SG}					
	12/28/2017	ND(<50) ^{SG}	ND(<250) ^{SG}	ND (<100)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	8/1/2018	300 ^X	ND(<250)	ND (<100)	ND (<1)	ND (<1)	ND (<1)	ND (<3)

FedEx Freight, Inc., Former Seattle Area Terminal
November 2016 to May 2019 Summary of Groundwater Sample Analytical Results

Sample I.D.	Sample Date	Laboratory Analytical Results in ug/l (ppb)						
		NWTPH-D(x)		NWTPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes
		Diesel	Oil	Gasoline				
MW-10	11/1/2016 38 gal pumped	740	290 ^X	ND (<100)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
		ND(<50) ^{SG}	ND(<250) ^{SG}					
	3/16/2017 45 gal pumped	540^X	ND(<250)	ND (<100)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
		ND(<50) ^{SG}	ND(<250) ^{SG}					
	12/28/2017 42 gal pumped	ND(<50) ^{SG}	ND(<250) ^{SG}	ND (<100)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	8/1/2018 30 gal pumped	1,000^{SG}	250 ^{X SG}	390	2.3	ND (<1)	ND (<1)	4.2
Model Toxics Control Act Method A Groundwater Cleanup Level		500 Diesel and Oil Ranges		800**	5	1,000	700	1,000

Table Notes:

Diesel and Oil Range total petroleum hydrocarbons conducted by Washington Method NWTPH-D(x).

^X - Denotes laboratory flag on data - sample chromatogram does not resemble the fuel standard used for quantification. Commonly interpreted as native organic material in the sample or crossover from a different range of petroleum.

SG - Analytical result reported with silica gel cleanup prior to analysis to remove non-polar organic material.

Gasoline range total petroleum hydrocarbons by Northwest Method NWTPH-G.

BTEX Compounds by EPA Method 8021B or EPA Method 8260C.

ND (<X.XXX) - Not Detected by Analysis at levels above the noted detection reporting limit.

NA - Not analyzed for the listed parameter.

* Previously unidentified well uncovered in December 2012. Prior well I.D., if any, remains unknown.

**MTCA Method A cleanup level for gasoline range petroleum hydrocarbons, when benzene is present. If benzene is not present, Method A cleanup level is 1,000 ug/l.

Sample results exceeding applicable cleanup criteria are noted in ***Bold Italic***.