

Kenmore Industrial Park Site aka Lakepointe Site Deferred Industrial Maintenance Groundwater Performance Monitoring Results after Site Maintenance Work - 2012

Groundwater Sampling was conducted on April 3 & 27 for wet season and October 3 & 19, 2012 for dry season to evaluate changes to the subsurface due to Deferred Industrial Maintenance work at the KIP site during October 2011 through March 2012.

Results are reported in ug/L or parts per billion. The results show all metals are significantly below KIP and MTCA cleanup level.

Results show that the Deferred Industrial Maintenance work has not caused changes to the subsurface causing chemicals of concern to migrate to the adjacent waterways - Sammamish River, Lake Washington, and Kenmore Navigation Channel.

The results confirm that the KIP site is not causing pollutants to move to the adjacent waterways.

Wells Analytes	Sample Date	AW-9 Dissolved	AW-10R* Dissolved/Dup	AW-12 Dissolved	AW-6 Dissolved/Dup	AW-11R Dissolved	Cleanup Levels		
							KIP	MTCA	Method
Arsenic	4/3/2012	0.21	1.96	1.80	1.00/1.01		5	5	Meth A
	10/3/2012	U>1.0	1.10/1.15	U>1.0	U>1.0	U>1.0			
Barium	4/3/2012	9.98	104	126	400/434		1000	560	Meth A&B
	10/3/2012	10.9	131/129	186	831	931			
Cadmium	4/3/2012	0.022	U>0.020	U>0.020	U>0.020/U>0.020		ns	5	Meth A
	10/3/2012	0.046	U>0.020/U>0.020	U>0.020	U>0.020	U>0.020			
Copper	4/3/2012	0.45	0.70	0.70	0.65/0.59		ns	592	Meth B
	10/3/2012	0.37	0.49/0.23	1.76	0.87	0.69			
Chromium	4/3/2012	1.69	1.52	1.73	1.18/1.35		ns	50	Meth A
	10/3/2012	U>5.00	U>5.00/U>5.00	U>5.00	U>5.00	U>5.00			
Lead	4/3/2012	U>0.020	0.874	0.457	1.97/1.93		14.4**	15	Meth A&B
	10/3/2012	U>0.020	U>0.020/0.037	0.048	0.125	0.070			
Mercury	4/3/2012	U>0.050	U>0.050	U>0.050	U>0.050/U>0.050		ns	2	Meth A
	10/3/2012	U>0.050	U>0.050/U>0.050	U>0.050	U>0.050	U>0.050			
Nickel	4/3/2012	1.60	3.10	2.78	0.80/0.58		ns	320	Meth B***
	10/3/2012	1.51	0.57/0.46	0.53	0.75	0.49			
Antimony	4/3/2012	U>0.20	U>0.20	0.44	0.49/0.46		ns	6.40	Meth B
	10/3/2012	U>0.20	U>0.20/U>0.20	U>0.20	U>0.20	U>0.20			
Selenium	4/3/2012	U>0.50	U>0.50	U>0.50	U>0.50/U>0.50		ns	32	Meth B
	10/3/2012	U>5.0	U>5.0/U>5.0	U>5.0	U>5.0	U>5.0			
Silver	4/3/2012	U>0.20	U>0.20	U>0.20	U>0.20/U>0.20		ns	80	Meth B
	10/3/2012	U>0.02	U>0.020/0.024J	UJ>0.02	U>0.02	U>0.02			
Zinc	4/3/2012	6.0	27.6	3.7	20.0/15.3		ns	32	Meth B
	10/3/2012	U>10	5.0/7.6J	U>10	U>10	U>10			

Kenmore Industrial Park Site Deferred Industrial Maintenance Groundwater Performance Monitoring Results - page 2
Groundwater Performance Monitoring Results after Site Maintenance Work - April and October 2012.

Manchester Environmental Laboratory conducted Priority Pollutant Metal analyses for the April and October 2012 results.

All dissolved metal results are listed above in ug/L or parts per billion with KIP site specific cleanup levels and Model Toxics Control Act method A or B cleanup levels. Total metal results are listed on laboratory sheets.

Note, KIP site specific metal cleanup levels are defined as dissolved metals, not total metals, see Consent Decree.

Results for mercury, beryllium, selenium and thallium analyses showed no detection and below cleanup level.

AW-6/Dup = AW-6 was sampled and a duplicate (Dup) sample at AW-6 was collected at the same time for QA/QC.

AW-10R* was damaged and replaced in October 2012 listed as AW-10R2. Sample and duplicate sample were collected October 19, 2012.

** Consent Decree defined lead cleanup level based on water hardness of 524 mg.eq./L using MTCA formula.

*** Cleanup level for nickel based on CLARC version 3 MTCA Method B nickel soluble salts.

U = analyte was not detected at or above laboratory reporting limit with listed LRL.

J = analyte was positively identified and associated numerical result is an estimate.

ns = Cleanup level was not specified in the Consent Decree and analyte was not identified as a chemical of concern at KIP site.

11/29/2012