

Classification Exception Area/Well restriction Area

Case Info

Case ID **G000008711 VIC180001**
Preferred ID G000008711
Case HUDSON COUNTY CHROMATE 88
Address : 575 RT 440
City: Jersey City
County: Hudson

CEA ID: HCC 88
Activity Number VIC180001
Subject Item ID: CEA13

All PI Block and Lot

1290.A-15.D, 1290.A-16A.99, 21901-5

See Exhibit A [Site Location Map]

Lot and Block of the CEA

21901-5

Contacts

Site Contact
Organization
Address

Site Contact Maria Kaouris
 Organization HONEYWELL INTERNATIONAL INC
 Address 115 Tabor Road

Morris Plains, NJ 07950

DEP

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CEA Information

Description

Historic fill CEA is the entirety of Block 21901, Lot 5, a six and a half acre parcel located west of Route 440.

GW

Northeast

Aquifer	Vertical Depth
Fill	15

This CEA /WRA applies to the contaminants listed in the table below. The ground water quality criteria / primary drinking water standards for these contaminants are listed in parts per billion (ppb). All constituents standards (N.J.A.C. 7:9:9-6) apply at the designated boundary.

Contaminant	Concentration	Units	Cleanup Goal	Units
Aluminum	1,670	Micrograms Per Liter	200	Micrograms Per Liter
Arsenic	10.7	Micrograms Per Liter	3	Micrograms Per Liter

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Contaminant	Concentration	Units	Cleanup Goal	Units
Benzo(a)anthracene	0.95	Micrograms Per Liter	0.1	Micrograms Per Liter
Benzo(a)pyrene	1.9	Micrograms Per Liter	0.1	Micrograms Per Liter
Benzo(b)fluoranthene	3.3	Micrograms Per Liter	0.2	Micrograms Per Liter
Benzo(k)fluoranthene	0.85	Micrograms Per Liter	0.5	Micrograms Per Liter
Chloride	1,860	milligrams	250	milligrams
Dibenzo(a,h)anthracene	1.2	Micrograms Per Liter	0.3	Micrograms Per Liter
Indeno(1,2,3-cd)pyrene	1.6	Micrograms Per Liter	0.2	Micrograms Per Liter
Iron	12,200	Micrograms Per Liter	300	Micrograms Per Liter
Lead	34,000	Micrograms Per Liter	5	Micrograms Per Liter
Manganese	132	Micrograms Per Liter	50	Micrograms Per Liter
Sodium	138	milligrams	50	milligrams

Site

Note:

- 1 *Maximum concentration detected at the time of CEA establishment*
- 2 *Ground Water Quality Standards*

CEA Boundaries

This CEA /WRA applies to the contaminants listed in the table below. The ground water quality criteria / primary drinking water standards for these contaminants are listed in parts per billion (ppb). All constituents standards (N.J.A.C. 7:9:9-6) apply at the designated boundary.

Contaminant	Concentration	Units	Cleanup Goal	Units
horizontal	See exhibit B (CEA/ WRA Location Map)			
Vertical	See exhibit B (CEA/ WRA Location Map)			
	Included in affected aquifer above			

Date Established	Duration	Date Closed/ Lifted	Comments	Note
3/16/18	Indeterminant			Since groundwater quality data indicates exceedance of contaminants above the Primary Drinking Water Standards, and the designated uses of Class II-A aquifer included potable use, the CEA established for this site is also a Well restriction Area. The extent of Well Restriction shall coincide with the boundaries of the CEA

Well Restrictions set within boundaries of the CEA

Restrictions	Well Restriction Boundries
Double Case Wells	Double Case Wells: With the exception of monitoring wells installed into the first water bearing zone, any proposed well to be installed within the CEA/WRA boundary shall be double cased to an appropriate depth in order to prevent any vertical contaminant migration pathways. This depth is either into a confining layer or 50 feet below the vertical extent of the CEA.

Site Specific Well Restrictions

Restriction

* None at this time