

Classification Exception Area/Well restriction Area

Case Info

Case ID **008514 LSR150001**
Preferred ID 008514
Case DAVID SARNOFF RESEARCH CENTEF
Address : 201 WASHINGTON RD
City: West Windsor Twp
County: Mercer

CEA ID: 93-04-22-1038-17
Activity Number LSR150001
Subject Item ID: CEA1112369

All PI Block and Lot

44-6, 5-8.05

See Exhibit A [Site Location Map]

Lot and Block of the CEA

5-8.05

Contacts

Site Contact
Organization
Address

Site Contact ERIC WINTER
Organization SRI INTERNATIONAL PRINCETON
Address 333 RAVENSWOOD AVE

MENLO PARK, CA 94025
Site Contact Lewis Streeter
Organization GENERAL ELECTRIC CO
Address 1 River Rd
Building 5 - 7W
Schenectady, NY 12345

DEP

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CEA Information

Description

The CEA is a circle encompassing monitoring well FT-1, which is the location of a former UST excavation. CEA is based on sampling data.

GW

Northeast

Aquifer	Vertical Depth
Stockton	25 feet

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
#4 Fuel oil	0.5	Feet	0	Feet
#6 Fuel oil	0.5	Feet	0	Feet
Synthetic Organic Chemicals - Non Carcinogen [Total]	501	Micrograms Per Liter	500	Micrograms Per Liter

Site

Note:

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

CEA Boundaries

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
2/7/19	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.
Evaluate Production Wells	Evaluate Production Wells: Any proposed high capacity production wells in the immediate vicinity of the CEA/WRA should be pre-evaluated to determine if pumping from these wells would draw a portion of the contaminant plume into the cone of capture of the production wells or alter the configuration of the contaminant plume.
Sample Potable Wells	Sample Potable Wells: Any potable well to be installed within the footprint of the CEA/ WRA shall be sampled annually for the parameters of concern. The first sample shall be collected prior to using the well. If contamination is detected, contact your local Health Department. If the contamination is above the Safe Drinking Water Standards, then the NJDEP Hot Line should be called. Treatment is required for any well that has contamination above the Safe Drinking Water Standards.

Site Specific Well Restrictions

Restriction

* None at this time