

Supplementary Materials

Impact of rainfall, snowpack and storms on contaminant levels in groundwater beneath two U.S. Superfund sites in New York

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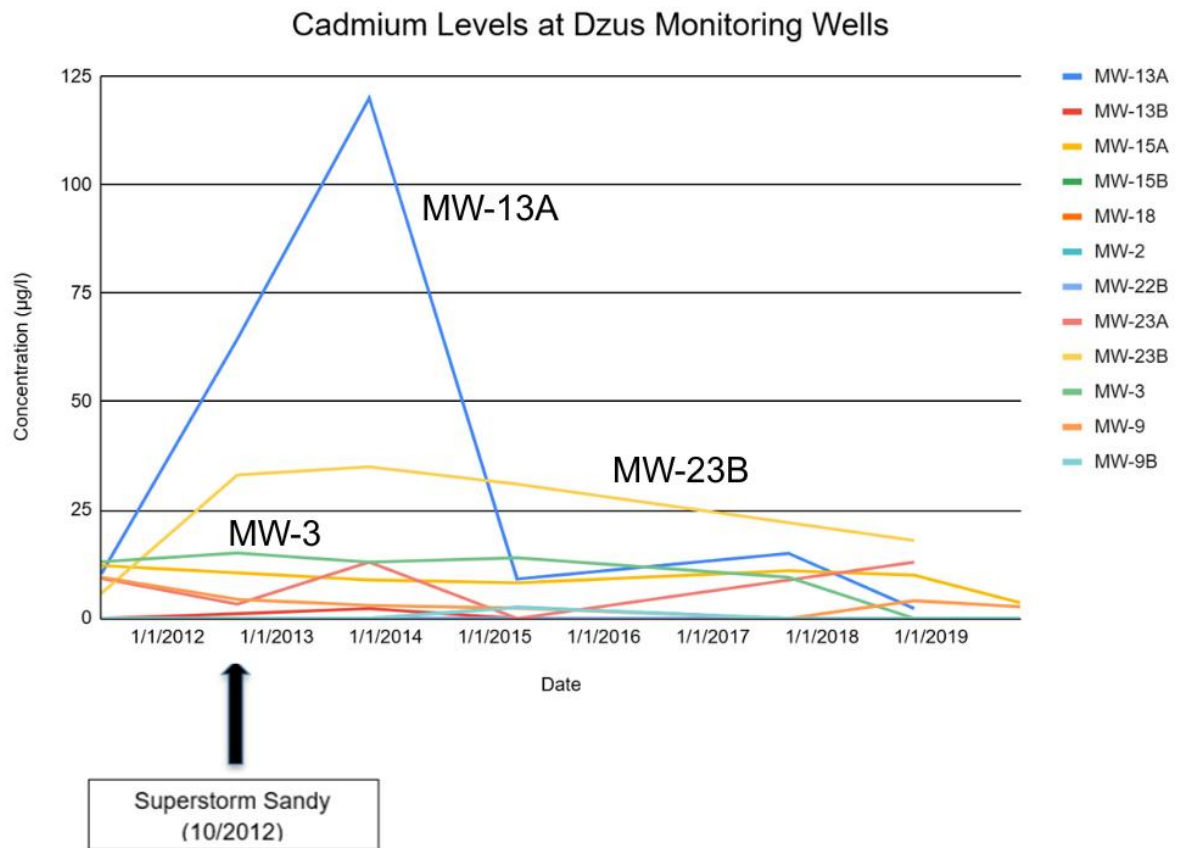
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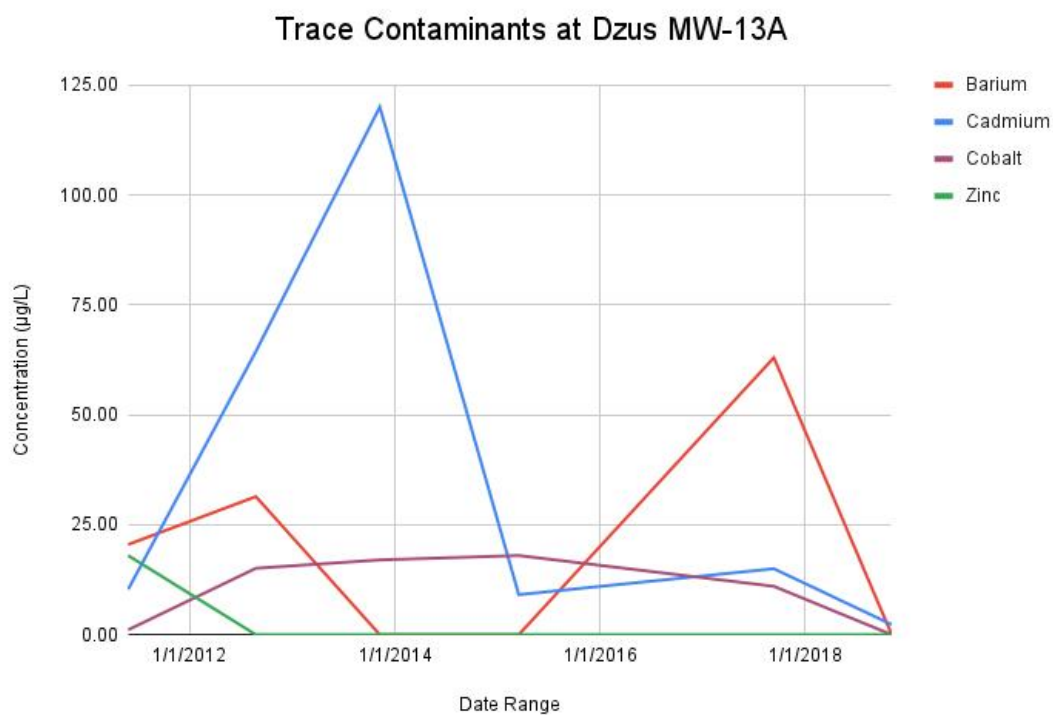
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Supplementary Figure 1. Levels of Cd in monitoring wells at and nearby Dzus Superfund site 2011-2019.



Supplementary Figure 2. Levels of trace contaminants at MW-13A at Dzus Superfund site 2011-2019. Those that do not exceed 5 µg/L are aluminum, antimony, arsenic, beryllium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, and vanadium, and are not shown in the figure.

Supplementary Table 1. Mean concentrations of contaminants at 6 observation wells at or nearby American Thermostat Superfund site, 2005-2011

Observation well number						
	OW-6	OW-9	OW-10	OW-3	OW-15	OW-12
Contaminant	Mean Concentration (ug/l)	Mean Concentration (ug/l)	Mean Concentration (ug/l)	Mean Concentration (ug/l)	Mean Concentration (ug/l)	Mean Concentration (ug/l)
1,1-Dichloroethene	0.00	0.00	0.13	0.05	0.49	0.27
1,1,1-Trichloroethane (TCA)	0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-Trichloroethane	0.00	0.00	0.00	0.00	0.00	0.00
1,1,2,2- Tetrachloroethane	0.00	0.00	0.06	0.04	0.00	0.00
1,2-Dichloroethane	0.00	0.00	0.00	0.00	0.00	0.00
2-Hexanone	0.00	0.00	0.00	0.00	0.00	0.00
Acetone	0.00	0.00	0.00	0.00	0.00	0.74
Carbon Disulfide	0.02	0.08	0.13	0.00	0.00	0.10
Carbon Tetrachloride	0.00	0.00	0.00	0.00	0.00	0.00
Chloroform	0.00	0.00	0.26	0.09	0.00	0.00
Chloromethane (Methyl Chloride)	0.00	0.00	0.00	0.00	0.00	0.00
Cis-1,2- Dichloroethylene	20.71	76.90	25.61	118.11	389.87	204.93
Dichloroethylenes	20.57	126.27	42.74	107.43	452.00	249.65
Methylene Chloride	0.00	1.41	0.94	30.23	1.02	1.56
Tetrachloroethylene (PCE)	35.76	377.73	700.95	8,813.33	327.08	32.56
Toluene	0.00	0.09	0.00	0.00	0.00	0.00
Trans-1,2- Dichloroethene	0.00	0.00	0.10	0.30	0.60	0.75
Trichloroethylene (TCE)	9.01	10.00	14.19	207.60	57.79	13.82
Vinyl Chloride	0.54	0.61	0.39	0.12	82.45	124.21