TABLES

Table 3-1A
Summary of Historical Surface Soil & Fill Samples Collected from the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Surface Soil & Fill Samples						
SS1	08/16/1989	0845	0" - 2"	VOCs, PCBs	57 Tonawanda Street. Behind Building B near former transformers.	5-1
SS2	08/16/1989	0910	0" - 2"	VOCs, PCBs	57 Tonawanda Street. West-central portion of parking lot behind Building C.	5-1
SS3	08/16/1989	0920	0" - 2"	VOCs, PCBs	57 Tonawanda Street. North-central portion of parking lot near property line with 71 Tonawanda Street.	5-1
SS4	08/16/1989	0930	0" - 2"	VOCs, PCBs	57 Tonawanda Street. East-central portion of parking lot behind Building C.	5-1
SS-01	12/18/2019	1350	0.0'-0.5'	SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. North of buildings near eastern property line.	5-2 & 5-3
SS-02	12/18/2019	1414	0.0'-0.5'	SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. Near northern property line in central portion of property.	5-2 & 5-3
SS-03	12/18/2019	1436	0.0'-0.5'	SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. Near eastern property line.	5-2 & 5-3
SS-04	12/19/2019	1000	0.0'-0.5'	SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. Northeastern portion of property near eastern property line.	5-2 & 5-3
SS-05	12/19/2019	1110	0.0'-0.5'	SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. Near southern property line in central portion of property.	5-2 & 5-3

Notes:

*** = Sampled interval is given in inches or feet below ground surface.**
NA = Not Applicable.
VOCs = Volatile Organic Compounds.
SVOCs = Semivolatile Organic Compounds.
PCBs = Polychlorinated Biphenyls.
PFAS = Per- and Polyfluoroalkyl Substances.

Table 3-1B
Summary of Historical Subsurface Soil & Fill Samples Collected from the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Subsurface Soil & Fill Samples						
MW-1	08/16/1989	1130	0.0' - 12.0'	VOCs, PCBs	57 Tonawanda Street. Composite sample from the entire depth of the excavation used to install well MW1-89.	5-4
MW-2	08/16/1989	1355	0.0' - 11.0'	VOCs, PCBs	57 Tonawanda Street. Composite sample from the entire depth of the excavation used to install well MW2-89.	5-4
SB-1A	09/26/1990	No COC	0.0' - 2.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	71 Tonawanda Street. Sample from Phase II well in parking lot upgradient of wells GW-2 & GW-3.	5-5 & 5-9
SB-1B	09/26/1990	No COC	2.0' - 4.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	71 Tonawanda Street. Sample from Phase II well in parking lot upgradient of wells GW-2 & GW-3.	5-5 & 5-9
SB-1C	09/26/1990	No COC	4.0' - 6.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	71 Tonawanda Street. Sample from Phase II well in parking lot upgradient of wells GW-2 & GW-3.	5-5 & 5-9
SB-1D	09/26/1990	No COC	6.0' - 8.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	71 Tonawanda Street. Sample from Phase II well in parking lot upgradient of wells GW-2 & GW-3.	5-5 & 5-9
SB-2A	09/26/1990	No COC	0.0' - 2.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II well in parking lot at northeast corner of site near billboard.	5-5 & 5-9
SB-2B	09/26/1990	No COC	2.0' - 4.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II well in parking lot at northeast corner of site near billboard.	5-5 & 5-9
SB-2C	09/26/1990	No COC	4.0' - 6.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II well in parking lot at northeast corner of site near billboard.	5-5 & 5-9
SB-3A	09/25/1990	No COC	0.0' - 2.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II well in parking lot at southeastern portion of site.	5-5 & 5-9
SB-3B	09/25/1990	No COC	2.0' - 4.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II well in parking lot at southeastern portion of site.	5-5 & 5-9
SB-3C	09/25/1990	No COC	4.0' - 6.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II well in parking lot at southeastern portion of site.	5-5 & 5-9
SB-3D	09/25/1990	No COC	11.0' - 13.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II well in parking lot at southeastern portion of site.	5-5 & 5-9
SB-4A	09/25/1990	No COC	0.0' - 2.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II boring in parking lot at southwestern portion of site.	5-5 & 5-9
SB-4B	09/25/1990	No COC	2.0' - 4.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II boring in parking lot at southwestern portion of site.	5-5 & 5-9
SB-4C	09/25/1990	No COC	4.0' - 6.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II boring in parking lot at southwestern portion of site.	5-5 & 5-9
SB-4D	09/25/1990	No COC	6.0' - 8.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	57 Tonawanda Street. Sample from Phase II boring in parking lot at southwestern portion of site.	5-5 & 5-9
BH-01	12/17/2019	1300	1.0 - 4.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI boring in parking lot at southeast corner of site near well MW-1.	5-6, 5-10 & 5-11

Table 3-1B
Summary of Historical Subsurface Soil & Fill Samples Collected from the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Subsurface Soil & Fill Samples (continued)						
BH-01	12/17/2019	1000	6.0 - 8.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI boring in parking lot at southeast corner of site near well MW-1.	5-6, 5-10 & 5-11
BH-02	12/18/2019	Not on COC	1.0 - 2.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI boring in parking lot near eastern property line. Close to DEC well MW-100.	5-6, 5-10 & 5-11
BH-03	12/18/2019	Not on COC	1.0 - 4.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. BCP RI boring near eastern property line.	5-6, 5-10 & 5-11
BH-04	12/17/2019	1100	1.0 - 3.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium	57 Tonawanda Street. BCP RI boring in eastern portion of parking lot near 71 Tonawanda Street property line.	5-6 & 5-10
BH-05	12/18/2019	Not on COC	1.0 - 4.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. BCP RI boring in parking lot near northern property line in central portion of property.	5-6, 5-10 & 5-11
BH-06	12/18/2019	Not on COC	1.0 - 4.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. BCP RI boring in parking lot near northern property line in central portion of property.	5-6, 5-10 & 5-11
BH-08	12/17/2019	1430	1.0 - 3.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI boring in central portion of parking lot.	5-6, 5-10 & 5-11
BH-08	12/17/2019	Not on COC	10.0 - 12.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium	57 Tonawanda Street. BCP RI boring in central portion of parking lot.	5-6 & 5-10
BH-10	12/18/2019	Not on COC	1.0 - 2.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI boring in southwestern portion of parking lot.	5-6, 5-10 & 5-11
BH-11	12/19/2019	Not on COC	1.0 - 4.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI boring behind Building B near former transformers.	5-6, 5-10 & 5-11
BH-11	12/19/2019	Not on COC	6.0 - 8.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI boring behind Building B near former transformers.	5-6, 5-10 & 5-11
BH-12	12/19/2019	Not on COC	1.0 - 2.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI boring in southwestern portion of parking lot.	5-6, 5-10 & 5-11
BH-13	12/18/2019	Not on COC	1.0 - 2.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. BCP RI boring in parking lot near northern property line in western portion of property.	5-6, 5-10 & 5-11
TP-14	01/08/2020	0850	8.0 - 9.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. BCP RI test pit north of buildings near eastern property line.	5-6, 5-10 & 5-11
TP-16	01/08/2020	1010	1.0 - 3.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. BCP RI test pit north of buildings near northern property line.	5-6, 5-10 & 5-11
TP-17	01/08/2020	1100	3.0 - 4.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Cyanide, Hex Chromium, PFAS, 1,4-dioxane	71 Tonawanda Street. BCP RI test pit north of buildings near Building B.	5-6, 5-10 & 5-11
MW-4	01/14/2020	1220	12.0 - 13.0	VOCs	57 Tonawanda Street. BCP RI boring in front of building, south side of site.	5-6 & 5-10
SSB-1	03/18/2020	1440	0.0 - 4.0	VOCs, SVOCs, Pesticides, Silvex, PCBs, Metals, Hex Chromium, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI building boring in southeast portion of Building C.	5-6, 5-10 & 5-11

Table 3-1B
Summary of Historical Subsurface Soil & Fill Samples Collected from the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Subsurface Soil & Fill Samples (continued)						
SSB-2	03/18/2020	1510	6.0 - 8.0	VOCs	57 Tonawanda Street. BCP RI building boring in center of Building C.	5-6 & 5-10
SSB-2	03/18/2020	1510	9.0 - 11.0	VOCs	57 Tonawanda Street. BCP RI building boring in center of Building C.	5-6 & 5-10
SSB-3	03/19/2020	0840	10.0 - 11.0	VOCs	57 Tonawanda Street. BCP RI building boring in southwest portion of Building C.	5-6 & 5-10
SSB-4	03/19/2020	0930	10.0 - 12.0	VOCs	57 Tonawanda Street. BCP RI building boring in northwest portion of Building C.	5-6 & 5-10
SSB-5	03/19/2020	1000	6.0 - 7.0	VOCs	57 Tonawanda Street. BCP RI building boring in northeast portion of Building C.	5-6 & 5-10
SB-100	09/18/2020	0935	26.0' - 27.0'	VOCs, SVOCs	Bike Path. Silty clay with sand stringers containing NAPL.	5-7 & 5-12
SB-103	09/18/2020	1115	22.0' - 22.5'	VOCs, SVOCs	Bike Path. NAPL saturated sand.	5-7 & 5-12
SB-106	09/18/2020	1300	17.0' - 18.0'	VOCs, SVOCs	Bike Path. Black foundry sand with NAPL sheens and black silty clay.	5-7 & 5-12

Notes:

*** = Sampled interval is given in feet below ground surface.**
NA = Not Applicable.
VOCs = Volatile Organic Compounds.
SVOCs = Semivolatile Organic Compounds.
PCBs = Polychlorinated Biphenyls.
PFAS = Per- and Polyfluoroalkyl Substances.

Table 3-1C
Summary of Historical Groundwater Samples Collected from the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Groundwater Samples						
MW1-89	08/23/1989	1410	9.0' - 11.0'	VOCs, PCBs	57 Tonawanda Street. Fedco well in parking lot at southeast corner of site.	5-14 & 5-18
MW2-89	08/23/1989	1520	5.7' - 7.7'	VOCs, PCBs	57 Tonawanda Street. Fedco well in parking lot at eastern boundary in middle of site.	5-14 & 5-18
GW-1	10/16/1990	No COC	4.0' - 9.0'	VOCs, SVOCs, Pesticides, PCBs, Metals	71 Tonawanda Street. Phase II well in parking lot upgradient of wells GW-2 & GW-3.	5-14 & 5-18
GW-2	10/16/1990	No COC	4.5' - 14.5'	VOCs, SVOCs, Pesticides, PCBs, Metals	57 Tonawanda Street. Phase II well in parking lot at northeast corner of site near billboard.	5-14 & 5-18
GW-3	10/16/1990	No COC	4.5' - 14.5'	VOCs, SVOCs, Pesticides, PCBs, Metals	57 Tonawanda Street. Phase II well in parking lot at southeastern portion of site.	5-14 & 5-18
57-MW-1	01/22/2020	1030	5.0' - 15.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI well in parking lot at southeast corner of site.	5-15, 5-19 & 5-20
57-MW-2	01/22/2020	1420	5.0' - 15.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, PFAS, 1,4-dioxane	71 Tonawanda Street. BCP RI well in parking lot at northeast corner of site near billboard.	5-15, 5-19 & 5-20
57-MW-3	01/22/2020	1220	5.0' - 15.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, PFAS, 1,4-dioxane	58 Tonawanda Street. BCP RI well in center of parking lot.	5-15, 5-19 & 5-20
57-MW-4	01/23/2020	0930	10.0' - 30.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI well in front of building, south side of site.	5-15, 5-19 & 5-20
57-MW-5	01/23/2020	1120	10.0' - 30.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, PFAS, 1,4-dioxane	57 Tonawanda Street. BCP RI well in front of building, north side of site.	5-15, 5-19 & 5-20
MW-100	11/05/2020	1135	13.64' - 28.64'	VOCs, SVOCs, Pesticides, PCBs, Metals	Bike Path. Adjacent to 57-71 Tonawanda Street BCP Site at base of bike path ramp.	5-16 & 5-21
MW-103	11/05/2020	1405	8.58' - 23.58'	VOCs, SVOCs, Pesticides, PCBs, Metals	Bike Path. Adjacent to 57-71 Tonawanda Street near the billboard.	5-16 & 5-21
MW-106	11/05/2020	1515	8.63' - 23.63'	VOCs, SVOCs, Pesticides, PCBs, Metals	Bike Path. Adjacent to former Pratt & Lambert Paint Company near Scajaquada Expressway overpass.	5-16 & 5-21

Notes:

*** = Sampled interval is given in feet below ground surface and represents the location of the well screen.**
NA = Not Applicable.
VOCs = Volatile Organic Compounds.
SVOCs = Semivolatile Organic Compounds.
PCBs = Polychlorinated Biphenyls.
PFAS = Per- and Polyfluoroalkyl Substances.

Table 3-1D
Summary of Historical Sediment & Surface Water Samples Collected from the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	Sample Location and Description	Table Reference
Sediment Samples						
SED-1	10/15/1990	No COC	0.0' - 1.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	Sample collected from Scajaquada Creek adjacent to the northern portion of the site	5-24
SED-2	10/15/1990	No COC	0.0' - 1.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	Sample collected from Scajaquada Creek adjacent to the central portion of the site	5-24
SED-3	10/15/1990	No COC	0.0' - 1.0'	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	Sample collected from Scajaquada Creek south of West Avenue (downstream of the site)	5-24
SCJ-12-01-02	03/30/2017	1015	0.0' - 0.2'	Pesticides, PCBs, Metals	Sample collected from Scajaquada Creek south of West Avenue (downstream of the site)	5-24
SJ-5-E	09/25/2017	0955	0.0' - 0.5'	Metals	Sample collected from Scajaquada Creek south of West Avenue (downstream of the site)	5-24
Surface Water Samples						
SW-1	10/15/1990	No COC	N/A	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	Sample collected from Scajaquada Creek at the location of sediment sample SED-1	5-23
SW-2	10/15/1990	No COC	N/A	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	Sample collected from Scajaquada Creek at the location of sediment sample SED-2	5-23
SW-3	10/15/1990	No COC	N/A	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide	Sample collected from Scajaquada Creek at the location of sediment sample SED-3	5-23
SC-SW-East	08/29/2022	0955	N/A	VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals, 1,4-Dioxane	Scajaquada Creek downstream of West Avenue	5-23

Notes:

*** = Sampled interval is given in feet below ground surface.**
NA = Not Applicable.
VOCs = Volatile Organic Compounds.
SVOCs = Semivolatile Organic Compounds.
PCBs = Polychlorinated Biphenyls.

Table 3-1E
Summary of Historical NAPL Samples Collected from the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
NAPL Samples						
B8	05/20/1992	Unknown	NA	VOCs, SVOCs, Viscosity, Density	Westwood Pharmaceutical. NAPL from well B8.	5-25
MWF2	05/20/1992	Unknown	NA	VOCs, SVOCs, Viscosity, Density	Westwood Pharmaceutical. NAPL from well MWF2.	5-25
MW-100	10/29/2020	1135	NA	VOCs, SVOCs, Pesticides, PCBs, Metals, Specific Gravity	Bike Path. NAPL collected at well MW-100 at the time of well development.	5-25
MW-100	11/05/2020	1200	NA	VOCs, SVOCs, Pesticides, PCBs, Metals, Specific Gravity	Bike Path. NAPL collected from well MW-100 at the time of groundwater sampling.	5-25
MW-100	01/14/2021	1130	NA	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, Specific Gravity	Bike Path. NAPL collected from well MW-100.	5-25

Notes:

*** = Sampled interval is given in feet below ground surface.**
NA = Not Applicable.
VOCs = Volatile Organic Compounds.
SVOCs = Semivolatile Organic Compounds.
PCBs = Polychlorinated Biphenyls.

Table 3-1F
Summary of Historical Sub-Slab Soil Vapor Samples Collected from the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample ID	Date Sampled	Time Sampled	Interval Sampled	Analytical Parameters	General Sample Location	Table Reference
Soil Vapor Intrusion Samples						
SSV-01	03/05/2020	Not * Stated	Sub-Slab	VOCs by Method TO-15	57 Tonawanda Street. Front room of Building D.	5-26
SSV-02	03/05/2020	Not * Stated	Sub-Slab	VOCs by Method TO-15	57 Tonawanda Street. Basement of Building D.	5-26
SSV-03	03/05/2020	Not * Stated	Sub-Slab	VOCs by Method TO-15	71 Tonawanda Street. Basement of Building C.	5-26
SSV-04	03/05/2020	Not * Stated	Sub-Slab	VOCs by Method TO-15	71 Tonawanda Street. Basement of Building C.	5-26
SSV-05	03/05/2020	Not * Stated	Sub-Slab	VOCs by Method TO-15	71 Tonawanda Street. Basement of Building C.	5-26
SSV-06	03/05/2020	Not * Stated	Sub-Slab	VOCs by Method TO-15	71 Tonawanda Street. Basement of Building C.	5-26

Notes:

*** = The duration of sample collection is not stated in the RI Report. In addition, the lab reports for these samples are not in Appendix F of the RI Report so this information can't be obtained from the chain of custody.**

VOCs = Volatile Organic Compounds.

Table 3-2
Proposed Soil Boring Coordinates
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Proposed Boring Number	NY State Plane Coordinate ● System, Zone NY W-3103		Proposed Boring Depth (ft bgs)	Comments
	Northing (y)	Easting (x)		
Highland Plaza On-Site (C915293)				
SB-VOC-1	1067895.1174	1064623.1035	30.0	Well to be installed
SB-VOC-2	1068002.5604	1064768.2481	30.0	Well to be installed
SB-VOC-3	1067977.2651	1064622.2566	30.0	Well to be installed
SB-VOC-4	1067908.5230	1064675.9705	30.0	
SB-VOC-5	1067960.2445	1064677.7463	30.0	
SB-VOC-6	1067967.6860	1064461.9467	30.0	Well to be installed
SB-VOC-7	1068020.2203	1064263.4065	30.0	Well to be installed
SB-VOC-8	1068002.8355	1064704.2070	30.0	
SB-VOC-9	1068012.8896	1064642.0918	30.0	
SB-VOC-10	1068020.4618	1064547.6720	30.0	
SB-VOC-11	1067976.5157	1064546.4805	30.0	
SB-VOC-12	1067950.3712	1064596.9315	30.0	
SB-VOC-13	1067903.3037	1064549.4767	30.0	
SB-VOC-14	1068008.9957	1064462.8945	30.0	
SB-VOC-15	1067923.0367	1064455.1508	30.0	
SB-VOC-16	1067983.1168	1064259.7888	30.0	

Notes:

● = Coordinates were obtained from the AutoCAD drawing of this site.

bgs = Below ground surface.

Table checked by GMM on August 7, 2025.

Table 3-3A
Summary of Subsurface Soil & Fill Samples Collected during the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Subsurface Soil & Fill Samples						
SB-VOC-01	11/03/2025	1300	4.0 - 5.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot at southeast corner of site near BCP RI well MW-1.	5-8 & 5-13
SB-VOC-01	11/03/2025	1310	7.0 - 9.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot at southeast corner of site near BCP RI well MW-1.	5-8 & 5-13
SB-VOC-01	11/03/2025	1320	10.0 - 15.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot at southeast corner of site near BCP RI well MW-1.	5-8 & 5-13
SB-VOC-01	11/03/2025	1330	17.0 - 19.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot at southeast corner of site near BCP RI well MW-1.	5-8 & 5-13
SB-VOC-01	11/03/2025	1340	21.0 - 23.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot at southeast corner of site near BCP RI well MW-1.	5-8 & 5-13
SB-VOC-01	11/03/2025	1350	28.0 - 30.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot at southeast corner of site near BCP RI well MW-1.	5-8 & 5-13
SB-VOC-02	10/31/2025	1300	3.0 - 5.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring near eastern property line and south of BCP RI well MW-2.	5-8 & 5-13
SB-VOC-02	10/31/2025	1310	7.0 - 9.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring near eastern property line and south of BCP RI well MW-2.	5-8 & 5-13
SB-VOC-02	10/31/2025	1320	14.0 - 15.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring near eastern property line and south of BCP RI well MW-2.	5-8 & 5-13
SB-VOC-02	10/31/2025	1325	19.0 - 20.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring near eastern property line and south of BCP RI well MW-2.	5-8 & 5-13
SB-VOC-02	10/31/2025	1340	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring near eastern property line and south of BCP RI well MW-2.	5-8 & 5-13
SB-VOC-02	10/31/2025	1350	25.0 - 27.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring near eastern property line and south of BCP RI well MW-2.	5-8 & 5-13
SB-VOC-03	10/31/2025	1145	3.0 - 5.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near BCP RI well MW-3.	5-8 & 5-13
SB-VOC-03	10/31/2025	1155	7.0 - 9.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near BCP RI well MW-3.	5-8 & 5-13
SB-VOC-03	10/31/2025	1205	13.0 - 15.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near BCP RI well MW-3.	5-8 & 5-13
SB-VOC-03	10/31/2025	1220	17.0 - 19.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near BCP RI well MW-3.	5-8 & 5-13
SB-VOC-03	10/31/2025	1230	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near BCP RI well MW-3.	5-8 & 5-13
SB-VOC-03	10/31/2025	1240	25.0 - 27.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near BCP RI well MW-3.	5-8 & 5-13

Table 3-3A
Summary of Subsurface Soil & Fill Samples Collected during the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Subsurface Soil & Fill Samples (continued)						
SB-VOC-04	11/03/2025	1145	3.0 - 5.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near eastern property line.	5-8 & 5-13
SB-VOC-04	11/03/2025	1210	14.0 - 15.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near eastern property line.	5-8 & 5-13
SB-VOC-04	11/03/2025	1230	16.0 - 18.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near eastern property line.	5-8 & 5-13
SB-VOC-04	11/03/2025	1245	20.0 - 25.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near eastern property line.	5-8 & 5-13
SB-VOC-04B	11/12/2025	1110	20.0 - 25.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near eastern property line.	5-8 & 5-13
SB-VOC-04B	11/12/2025	1220	25.0 - 30.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in parking lot near eastern property line.	5-8 & 5-13
SB-VOC-05	10/31/2025	1035	4.0 - 5.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in east-central portion of parking lot.	5-8 & 5-13
SB-VOC-05	10/31/2025	1045	7.0 - 9.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in east-central portion of parking lot.	5-8 & 5-13
SB-VOC-05	10/31/2025	1055	12.0 - 14.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in east-central portion of parking lot.	5-8 & 5-13
SB-VOC-05	10/31/2025	1105	15.0 - 17.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in east-central portion of parking lot.	5-8 & 5-13
SB-VOC-05	10/31/2025	1120	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in east-central portion of parking lot.	5-8 & 5-13
SB-VOC-05	10/31/2025	1135	29.0 - 30.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in east-central portion of parking lot.	5-8 & 5-13
SB-VOC-06	10/30/2025	1145	0.0 - 2.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in center of parking lot.	5-8 & 5-13
SB-VOC-06	10/30/2025	1150	8.0 - 10.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in center of parking lot.	5-8 & 5-13
SB-VOC-06	10/30/2025	1200	10.0 - 12.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in center of parking lot.	5-8 & 5-13
SB-VOC-06	10/30/2025	1215	16.0 - 18.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in center of parking lot.	5-8 & 5-13
SB-VOC-06	10/30/2025	1225	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in center of parking lot.	5-8 & 5-13
SB-VOC-07	11/04/2025	1210	2.0 - 4.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in front of building along Tonawanda Street, center of site.	5-8 & 5-13
SB-VOC-07	11/04/2025	1215	6.0 - 8.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in front of building along Tonawanda Street, center of site.	5-8 & 5-13

Table 3-3A
Summary of Subsurface Soil & Fill Samples Collected during the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Subsurface Soil & Fill Samples (continued)						
SB-VOC-07	11/04/2025	1230	11.0 - 13.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in front of building along Tonawanda Street, center of site.	5-8 & 5-13
SB-VOC-07	11/04/2025	1240	19.0 - 20.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in front of building along Tonawanda Street, center of site.	5-8 & 5-13
SB-VOC-07	11/04/2025	1245	20.0 - 21.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in front of building along Tonawanda Street, center of site.	5-8 & 5-13
SB-VOC-07	11/04/2025	1255	21.0 - 23.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in front of building along Tonawanda Street, center of site.	5-8 & 5-13
SB-VOC-07	11/04/2025	1310	25.0 - 27.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in front of building along Tonawanda Street, center of site.	5-8 & 5-13
SB-VOC-07	11/04/2025	1315	29.0 - 30.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in front of building along Tonawanda Street, center of site.	5-8 & 5-13
SB-VOC-08	10/31/2025	1405	1.0 - 3.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, eastern portion of site.	5-8 & 5-13
SB-VOC-08	10/31/2025	1415	9.0 - 10.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, eastern portion of site.	5-8 & 5-13
SB-VOC-08	10/31/2025	1425	10.0 - 12.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, eastern portion of site.	5-8 & 5-13
SB-VOC-08	10/31/2025	1435	19.0 - 20.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, eastern portion of site.	5-8 & 5-13
SB-VOC-08	10/31/2025	1445	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, eastern portion of site.	5-8 & 5-13
SB-VOC-08	10/31/2025	1450	25.0 - 28.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, eastern portion of site.	5-8 & 5-13
SB-VOC-09	11/03/2025	0935	2.0 - 4.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, central portion of site.	5-8 & 5-13
SB-VOC-09	11/03/2025	0940	6.0 - 8.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, central portion of site.	5-8 & 5-13
SB-VOC-09	11/03/2025	0950	12.0 - 14.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, central portion of site.	5-8 & 5-13
SB-VOC-09	11/03/2025	1000	16.0 - 18.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, central portion of site.	5-8 & 5-13
SB-VOC-09	11/03/2025	1010	21.0 - 23.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, central portion of site.	5-8 & 5-13
SB-VOC-09	11/03/2025	1021	26.0 - 28.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, central portion of site.	5-8 & 5-13

Table 3-3A
Summary of Subsurface Soil & Fill Samples Collected during the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Subsurface Soil & Fill Samples (continued)						
SB-VOC-10	11/03/2025	1035	3.0 - 5.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, western portion of site.	5-8 & 5-13
SB-VOC-10	11/03/2025	1045	5.0 - 7.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, western portion of site.	5-8 & 5-13
SB-VOC-10	11/03/2025	1055	11.0 - 13.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, western portion of site.	5-8 & 5-13
SB-VOC-10	11/03/2025	1110	17.0 - 19.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, western portion of site.	5-8 & 5-13
SB-VOC-10	11/03/2025	1120	21.0 - 23.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, western portion of site.	5-8 & 5-13
SB-VOC-10	11/03/2025	1135	26.0 - 28.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near northern property line, western portion of site.	5-8 & 5-13
SB-VOC-11	11/04/2025	0925	3.0 - 5.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in west-central portion of parking lot.	5-8 & 5-13
SB-VOC-11	11/04/2025	0930	6.0 - 8.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in west-central portion of parking lot.	5-8 & 5-13
SB-VOC-11	11/04/2025	0935	11.0 - 13.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in west-central portion of parking lot.	5-8 & 5-13
SB-VOC-11	11/04/2025	0940	18.0 - 20.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in west-central portion of parking lot.	5-8 & 5-13
SB-VOC-11	11/04/2025	0950	24.0 - 25.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in west-central portion of parking lot.	5-8 & 5-13
SB-VOC-11	11/04/2025	1010	26.0 - 28.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in west-central portion of parking lot.	5-8 & 5-13
SB-VOC-12	11/03/2025	1400	3.0 - 5.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in center of parking lot.	5-8 & 5-13
SB-VOC-12	11/03/2025	1410	8.0 - 10.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in center of parking lot.	5-8 & 5-13
SB-VOC-12	11/03/2025	1415	11.0 - 13.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in center of parking lot.	5-8 & 5-13
SB-VOC-12	11/03/2025	1420	21.0 - 23.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in center of parking lot.	5-8 & 5-13
SB-VOC-12	11/03/2025	1430	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in center of parking lot.	5-8 & 5-13
SB-VOC-12	11/03/2025	1435	27.0 - 29.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring in center of parking lot.	5-8 & 5-13

Table 3-3A
Summary of Subsurface Soil & Fill Samples Collected during the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Subsurface Soil & Fill Samples (continued)						
SB-VOC-13	10/31/2025	0925	4.0 - 5.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near southern property line, central portion of site.	5-8 & 5-13
SB-VOC-13	10/31/2025	0930	10.0 - 12.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near southern property line, central portion of site.	5-8 & 5-13
SB-VOC-13	10/31/2025	0935	14.0 - 15.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near southern property line, central portion of site.	5-8 & 5-13
SB-VOC-13	10/31/2025	0950	16.0 - 18.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near southern property line, central portion of site.	5-8 & 5-13
SB-VOC-13	10/31/2025	1010	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near southern property line, central portion of site.	5-8 & 5-13
SB-VOC-13	10/31/2025	1020	27.0 - 29.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring near southern property line, central portion of site.	5-8 & 5-13
SB-VOC-14B	10/30/2025	1025	1.0 - 2.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in northern portion of parking lot.	5-8 & 5-13
SB-VOC-14	10/30/2025	0945	2.0 - 3.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in northern portion of parking lot.	5-8 & 5-13
SB-VOC-14	10/30/2025	0955	6.0 - 7.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in northern portion of parking lot.	5-8 & 5-13
SB-VOC-14	10/30/2025	1010	12.0 - 13.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in northern portion of parking lot.	5-8 & 5-13
SB-VOC-14B	10/30/2025	1050	18.5 - 20.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in northern portion of parking lot.	5-8 & 5-13
SB-VOC-14B	10/30/2025	1110	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in northern portion of parking lot.	5-8 & 5-13
SB-VOC-14B	10/30/2025	1135	25.0 - 27.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in northern portion of parking lot.	5-8 & 5-13
SB-VOC-15	10/30/2025	1250	0.5 - 2.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in southern portion of parking lot.	5-8 & 5-13
SB-VOC-15	10/30/2025	1300	5.0 - 7.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in southern portion of parking lot.	5-8 & 5-13
SB-VOC-15	10/30/2025	1320	12.0 - 14.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in southern portion of parking lot.	5-8 & 5-13
SB-VOC-15	10/30/2025	1330	17.0 - 19.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in southern portion of parking lot.	5-8 & 5-13
SB-VOC-15	10/30/2025	1355	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in southern portion of parking lot.	5-8 & 5-13
SB-VOC-15	10/30/2025	1410	27.0 - 29.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	57 Tonawanda Street. Boring behind building in southern portion of parking lot.	5-8 & 5-13

Table 3-3A
Summary of Subsurface Soil & Fill Samples Collected during the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Subsurface Soil & Fill Samples (continued)						
SB-VOC-16	11/04/2025	1020	2.0 - 4.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring in eastern portion of site near billboard and BCP RI boring BH-03.	5-8 & 5-13
SB-VOC-16	11/04/2025	1030	5.0 - 7.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring in eastern portion of site near billboard and BCP RI boring BH-03.	5-8 & 5-13
SB-VOC-16	11/04/2025	1050	13.0 - 15.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring in eastern portion of site near billboard and BCP RI boring BH-03.	5-8 & 5-13
SB-VOC-16	11/04/2025	1110	18.0 - 20.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring in eastern portion of site near billboard and BCP RI boring BH-03.	5-8 & 5-13
SB-VOC-16	11/04/2025	1120	22.0 - 24.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring in eastern portion of site near billboard and BCP RI boring BH-03.	5-8 & 5-13
SB-VOC-16	11/04/2025	1140	25.0 - 27.0	VOCs, SVOCs, Cyanide, Ammonia, Percent Solids	71 Tonawanda Street. Boring in eastern portion of site near billboard and BCP RI boring BH-03.	5-8 & 5-13

Notes:

*** = Sampled interval is given in feet below ground surface.**
NA = Not Applicable.
VOCs = Volatile Organic Compounds.
SVOCs = Semivolatile Organic Compounds.

Table 3-3B
Summary of Groundwater Samples Collected during the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample ID	Date Sampled	Time Sampled	Interval Sampled *	Analytical Parameters	General Sample Location	Table Reference
Groundwater Samples - Shallow Wells						
MW-1S	01/15/2026	1405	5.0' - 15.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	57 Tonawanda Street. BCP RI well in parking lot at southeast corner of site.	5-17 & 5-22
MW-2S	12/17/2025	1130	5.0' - 15.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	71 Tonawanda Street. BCP RI well in parking lot at northeast corner of site near billboard.	5-17 & 5-22
MW-3S	12/17/2025	1240	5.0' - 15.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	58 Tonawanda Street. BCP RI well in center of parking lot.	5-17 & 5-22
Groundwater Samples - Deep Wells						
MW-1D	12/15/2025	1150	20.0' - 30.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	57 Tonawanda Street. NYSDEC SC well in parking lot at southeast corner of site near BCP RI well MW-1.	5-17 & 5-22
MW-2D	01/16/2026	0935	18.0' - 28.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	71 Tonawanda Street. NYSDEC SC well near eastern property line and south of BCP RI well MW-2.	5-17 & 5-22
MW-3D	12/15/2025	1435	20.0' - 30.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	57 Tonawanda Street. NYSDEC SC well in parking lot near BCP RI well MW-3.	5-17 & 5-22
MW-4D	12/17/2025	1445	10.0' - 30.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	57 Tonawanda Street. BCP RI well in front of building, south side of site.	5-17 & 5-22
MW-5D	01/15/2026	1130	10.0' - 30.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	57 Tonawanda Street. BCP RI well in front of building, north side of site.	5-17 & 5-22
MW-6D	01/15/2026	1300	15.0' - 30.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	57 Tonawanda Street. NYSDEC SC well behind building in center of parking lot.	5-17 & 5-22
MW-7D	12/15/2025	1020	15.0' - 30.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	57 Tonawanda Street. NYSDEC SC well in front of building along Tonawanda Street, center of site.	5-17 & 5-22
MW-8D	12/17/2025	1000	15.0' - 25.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	57 Tonawanda Street. NYSDEC SC well near eastern property line and southwest of bike path well MW-100.	5-17 & 5-22
MW-9D	01/16/2026	1335	18.0' - 28.0'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	71 Tonawanda Street. NYSDEC SC well in eastern portion of site near billboard and BCP RI boring BH-03.	5-17 & 5-22
Groundwater Samples - Bike Path Wells						
MW-100	01/16/2026	1205	13.6' - 28.6'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	Bike Path. Adjacent to 57-71 Tonawanda Street BCP Site at base of bike path ramp.	5-17 & 5-22
MW-103	01/16/2026	1055	8.6' - 23.6'	VOCs, SVOCs, Cyanide, Ammonia, 1,4-dioxane	Bike Path. Adjacent to 57-71 Tonawanda Street near the billboard.	5-17 & 5-22

Notes:

*** = Sampled interval is given in feet below ground surface and represents the location of the well screen.**
NA = Not Applicable.
VOCs = Volatile Organic Compounds.
SVOCs = Semivolatile Organic Compounds.

Table 3-4
Monitoring Well Construction Summary
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number	New York State Plane Coordinates		Ground Surface Elevation (ft. amsl)	Top of Riser Elevation (ft. amsl)	Total Boring Depth (feet)	Sandpack Interval (ft. bgs)	Sandpack Interval (ft. amsl)	Well Screen ● Interval (ft. bgs)	Well Screen Interval (ft. amsl)	Monitored Water-Bearing Zone
	Easting (x)	Northing (y)								
Fedco Site Investigation Wells										
MW1-89	NS	NS	NS	NS	14.0	7.3 to 14.0	N/A to N/A	9.0 to 11.0	N/A to N/A	See note 1
MW2-89	NS	NS	NS	NS	11.0	4.0 to 10.0	N/A to N/A	5.7 to 7.7	N/A to N/A	See note 2
NYSDEC Phase II Investigation Wells										
GW-1	1064530.1320	1068038.0412	581.00	580.69	11.0	3.5 to 9.0	577.50 to 572.00	4.0 to 9.0	577.00 to 572.00	See note 3
GW-2	1064771.9945	1068003.6534	577.10	579.46	14.5	4.0 15 14.5	573.10 to 562.60	4.5 to 14.5	572.60 to 562.60	See note 4
GW-3	1064670.7584	1067915.6807	577.30	579.52	14.5	4.0 to 14.5	573.30 to 562.80	4.5 to 14.5	572.80 to 562.80	See note 5
BCP Remedial Investigation Wells										
MW-1S	1064631.5460	1067894.5110	578.05	577.71	16.0	4.0 to 15.0	574.05 to 563.05	5.0 to 15.0	573.05 to 563.05	See note 6
MW-2S	1064782.0520	1068038.9660	578.69	578.27	15.0	4.0 to 15.0	574.69 to 563.69	5.0 to 15.0	573.69 to 563.69	See note 7
MW-3S	1064605.1540	1067969.2420	579.57	579.14	15.0	4.0 to 15.0	575.57 to 564.57	5.0 to 15.0	574.57 to 564.57	See note 7
MW-4D	1064261.4830	1067976.4400	583.41	582.91	30.0	9.0 to 30.0	574.41 to 553.41	10.0 to 30.0	573.41 to 553.41	See note 8
MW-5D	1064278.6320	1068154.7030	584.43	584.01	30.0	9.0 to 30.0	575.43 to 554.43	10.0 to 30.0	574.43 to 554.43	See note 8
NYSDEC Site Investigation - 31 Tonawanda Street Off-Site (Site No. C915299A) - Bike Path Wells										
MW-100	1064730.9733	1067946.8962	578.82	578.56	28.0	12.0 to 29.0	566.82 to 549.82	13.64 to 28.64	565.18 to 550.18	See note 9
MW-103	1064847.3382	1068055.9210	578.81	578.37	24.0	7.0 to 24.0	571.81 to 554.81	8.58 to 23.58	570.23 to 555.23	See note 10
MW-106	1065042.8495	1068182.8885	580.26	579.84	24.0	7.0 to 24.0	573.26 to 556.26	8.63 to 23.63	571.63 to 556.63	See note 11
2025 NYSDEC Site Characterization Wells										
MW-1D	1064638.0870	1067904.2450	578.04	577.49	30.0	19.0 to 33.33	559.04 to 544.71	21.33 to 31.33	556.71 to 546.71	See note 12
MW-2D	1064759.5830	1068010.3810	578.62	578.29	30.0	13.5 to 27.52	565.12 to 551.10	15.52 to 25.52	563.10 to 553.10	See note 13
MW-3D	1064622.6710	1067977.6840	579.34	578.86	30.0	18.0 to 32.35	561.34 to 546.99	20.35 to 30.35	558.99 to 548.99	See note 14
MW-6D	1064453.9130	1067966.0190	582.31	581.74	30.0	19.0 to 33.11	563.31 to 549.20	21.11 to 31.11	561.20 to 551.20	See note 15
MW-7D	1064265.6240	1068016.8950	583.67	583.46	30.0	18.0 to 32.06	565.67 to 551.61	20.06 to 30.06	563.61 to 553.61	See note 16
MW-8D	1064685.5100	1067927.5300	578.16	577.79	25.0	13.5 to 27.67	564.66 to 550.49	15.67 to 25.67	562.49 to 552.49	See note 17
MW-9D	1064782.1300	1068039.0980	578.73	578.36	30.0	13.0 to 27.38	565.73 to 551.35	15.38 to 25.38	563.35 to 553.35	See note 18

Table 3-4
Monitoring Well Construction Summary
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Notes:

The 2025 Site Characterization wells were installed using a rotary drill rig instead of being installed in the Geoprobe borings. During well installation, each boring was augered to depth without sampling, so well depths are commonly deeper than boring depths. Each well was installed with a 2-foot sump below the screen.

● = Bottom of the screen depths for the 2025 Site Characterization wells were determined from the well development or sampling logs, whichever was deeper.

Horizontal coordinates are relative to the State Plane New York West Zone of the North American Datum (NAD) of 1983. Surveyed by Nussbaumer & Clarke in 2025 as part of the Fedders Site Characterization.

ft. amsl = feet above mean sea level.

ft. bgs = feet below ground surface.

N/A = Not Applicable.

NS = Not Surveyed.

Note 1 = Brown silty clay fill, with concrete, asphalt rubble, gravel, stones, rocks, cinders, ash, and wood fragments. Well missing and presumed destroyed.

Note 2 = Brown gravelly sand fill, with trace silt, concrete rubble, asphalt rubble, stones and rocks; brown sandy silt fill, with some gravel, clay lumps, and trace wood fragments. Well missing and presumed destroyed.

Note 3 = Reddish-brown clay. Could be reworked. Well missing and presumed destroyed.

Note 4 = Black sandy fill; gravelly sand fill; wood; reddish-brown silty clay with brick fragments; and black clay with wood. Well missing and presumed destroyed.

Note 5 = Black sandy fill with gravel, brick, and wood; reddish-brown and black clay with slag and coke fragments; black sandy clay fill; coarse sand with slag and coke; black organic-rich clay; peat; brown sandy clay with gastropod shells. Well missing and presumed destroyed.

Note 6 = Dark brown gravel and sand; dark gray silty clay; red-brown clay.

Note 7 = Gray silty clay with trace gravel; red-brown clay.

Note 8 = Red-brown clay with trace fine gravel and fine sand.

Note 9 = Gray sand and mostly angular gravel, trace silt & clay; black silty clay with a coal tar odor; gray fine sand with trace silt and a coal tar odor; reddish-brown silty clay with visible reddish brown coal tar.

Note 10 = Black fine to coarse sand & gravel, trace silt & clay;.

Note 11 = Black silty fine sand with some gravel, sheen, slight coal tar odor; black silty clay, plastic, soft, sticky, sheens, strong coal tar odor; black fine to coarse silty sand & gravel, sticky, sheens, coal tar odor; gray silty clay to clayey silt, plastic, sticky, soft to slightly firm; reddish-brown silty clay, trace rounded gravel with coarse sand, very firm.

Note 12 = Reddish-brown clay, gravelly at top; reddish-brown silty clay with trace pebbles.

Note 13 = Interlayered alluvium consisting of sandy silt with fine sand and shells; course sand and gravel with shells; sand with rounded pebbles; reddish-brown clay with trace pebbles.

Note 14 = Reddish-brown silty clay with trace rounded pebbles.

Note 15 = Reddish-brown silty clay with trace pebbles.

Note 16 = Reddish-brown silty clay with mottling and trace pebbles; reddish-brown silty clay with trace pebbles; black and reddish-brown silty clay with gravel; reddish-brown silty clay with pebbles and wood.

Note 17 = Coal tar was encountered at this boring location. The well, however, was installed west of the boring and coal tar was not detected.

Table 3-4
Monitoring Well Construction Summary
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Note 18 = Interlayered alluvium consisting of silty clay with fine sand and shells; medium sand with trace pebbles; medium sands with coal tar; course sand and gravel with coal tar; reddish-brown clay with trace pebbles.

Coordinates:

Blue shaded coordinates are from the 57-71 Tonawanda Street AutoCAD survey drawing.
Orange shaded coordinates are from a 2026 survey completed as part the NYSDEC Site Characterization of the Fedders Automotive Site.
Yellow shaded coordinates are from a 2020 survey completed as part of the NYSDEC 31 Tonawanda Street Off-Site Remedial Investigation.

Elevations:

Gray shaded elevations are from the NYSDEC Phase II Investigation Report dated February 1992.
Orange shaded elevations are from a 2026 survey completed as part the NYSDEC Site Characterization of the Fedders Automotive Site.
Yellow shaded elevations are from a 2020 survey completed as part of the NYSDEC 31 Tonawanda Street Off-Site Remedial Investigation.

Table modified by GMM on August 17, 2026.

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		09/16/20		09/17/20		09/18/20		09/21/20		09/24/20		10/27-29/20	
1660 Niagara Street (Site No. C915311)													
1660-MW-1	580.40	NM	NA	NM	NA	NM	NA	NM	NA	8.46	571.94	NM	NA
1660-MW-2	579.53	NM	NA	NM	NA	NM	NA	NM	NA	7.43	572.10	NM	NA
1660-MW-3R	578.63	NI	NA	NI	NA	NI	NA	NI	NA	6.26	572.37	6.42	572.21
1660-MW-5R	577.61	NI	NA	NI	NA	NI	NA	5.89	571.72	5.55	572.06	5.90	571.71
1660-MW-6	579.91	NM	NA	NM	NA	NM	NA	8.68	571.23	8.48	571.43	NM	NA
1660-MW-7	579.91	NM	NA	NM	NA	NM	NA	NM	NA	7.94	571.97	NM	NA
1660-MW-8	580.80	NI	NA	NI	NA	NI	NA	9.94	570.86	9.80	571.00	9.90	570.90
TPMW1	582.20	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
1675 Niagara Street													
1675-MW-1	577.51	3.21	574.30	4.63	572.88	5.29	572.22	5.37	572.14	5.12	572.39	4.84	572.67
1675-MW-2	580.29	3.95	576.34	3.95	576.34	3.95	576.34	3.95	576.34	4.00	576.29	3.68	576.61
31 Tonawanda Street (Site No. C915299)													
31-MW-1	580.66	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
31-MW-2	581.89	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
31-MW-3	578.96	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
31-MW-4	580.60	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
31-MW-5	583.14	NM	NA	NM	NA	NM	NA	NM	NA	Well removed during remediation in 2020			
57-71 Tonawanda Street (Site No. C915024)													
57-MW-1	577.70	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
57-MW-2	578.33	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
57-MW-3	579.15	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
57-MW-4	582.75	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
57-MW-5	584.00	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
Bike Path													
MW-100	578.56	NI	NA	NI	NA	NI	NA	NI	NA	4.00	574.56	5.27	573.29
MW-103	578.37	NI	NA	NI	NA	NI	NA	NI	NA	4.95	573.42	4.75	573.62
MW-106	579.84	NI	NA	NI	NA	NI	NA	NI	NA	6.61	573.23	6.55	573.29

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		09/16/20		09/17/20		09/18/20		09/21/20		09/24/20		10/27-29/20	
68 Tonawanda Street (Site No. C915316)													
68-MW-1	595.41	NM	NA	NM	NA	NM	NA	NM	NA	Well removed during remediation in 2019			
68-MW-2	595.39	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
68-MW-3	594.10	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
68-MW-4	589.06	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
150 Tonawanda Street (Site No. C915299)													
150-MW-1	594.62	Well removed during installation of the cover system in 2020											
150-MW-2	594.65	Well removed during installation of the cover system in 2020											
150-MW-3	596.57	Well removed during installation of the cover system in 2020											
150-MW-4	595.65	Well removed during installation of the cover system in 2020											
Scajaquada Creek													
SC-1660	577.09	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
SC-West Ave	583.61	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
SC-Bike Path	578.96	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
BRC	-----	-----	573.55	-----	573.43	-----	573.17	-----	573.04	-----	573.45	-----	573.21

Notes:

NA = Not Applicable.
NI = Not Installed.
NM = Not Measured.
(1) = Well 57-MW-5 is an extremely slow recharging well and the measured water level is not representative of the surrounding water levels.
SC = Scajaquada Creek.
BRC = Black Rock Canal at the Black Rock Lock. Water levels at this location are measured every 15 minutes. When the times of water levels measurements were known, the average canal elevation between those times was used. Otherwise, the canal elevation at noon was used.
Elevations are referenced to Datum NAVD 88.
Orange shaded values were measured from the top of the protective casing or from a riser that was later cut shorter. Depth to water was adjusted to the current the top of riser elevation.
Green shaded values were measured from the top of the protective casing. The reference elevation is from that point. The top of riser elevation is 578.502.

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		11/04-05/20		01/14/21		03/05/21		04/30/21		05/28/21		06/28/21	
1660 Niagara Street (Site No. C915311)													
1660-MW-1	580.40	NM	NA	8.23	572.17	8.19	572.21	7.83	572.57	8.00	572.40	6.32	574.08
1660-MW-2	579.53	NM	NA	7.13	572.40	7.55	571.98	6.08	572.42	6.26	572.24	6.05	572.24
1660-MW-3R	578.63	6.32	572.31	6.33	572.30	6.70	571.93	6.32	572.31	7.01	571.62	6.30	572.33
1660-MW-5R	577.61	5.81	571.80	5.56	572.05	5.93	571.68	5.61	572.00	6.20	571.41	5.62	571.99
1660-MW-6	579.91	NM	NA	8.51	571.40	8.55	571.36	8.37	571.54	8.74	571.17	8.39	571.52
1660-MW-7	579.91	NM	NA	8.02	571.89	8.16	571.75	7.89	572.02	8.41	571.50	8.00	571.91
1660-MW-8	580.80	9.92	570.88	9.85	570.95	9.77	571.03	9.70	571.10	9.92	570.88	9.61	571.19
TPMW1	582.20	NM	NA	9.92	572.28	10.56	571.64	10.20	572.00	10.31	571.89	10.05	572.15
1675 Niagara Street													
1675-MW-1	577.51	5.11	572.40	5.22	572.29	5.56	571.95	5.20	572.31	5.43	572.08	5.20	572.31
1675-MW-2	580.29	3.61	576.68	3.61	576.68	3.43	576.86	3.44	576.85	3.77	576.52	3.75	576.54
31 Tonawanda Street (Site No. C915299)													
31-MW-1	580.66	NM	NA	NM	NA	NM	NA	NM	NA	6.48	574.18	NM	NA
31-MW-2	581.89	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
31-MW-3	578.96	NM	NA	6.12	572.84	6.80	572.16	6.11	572.85	7.01	571.95	6.45	572.51
31-MW-4	580.60	NM	NA	8.57	572.03	7.76	572.84	7.24	573.36	7.64	572.96	NM	NA
31-MW-5	583.14	Well removed during installation of the cover system in 2020											
57-71 Tonawanda Street (Site No. C915024)													
57-MW-1	577.70	NM	NA	NM	NA	4.86	572.84	4.11	573.59	4.29	573.41	4.50	573.20
57-MW-2	578.33	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
57-MW-3	579.15	NM	NA	NM	NA	2.35	576.80	2.01	577.14	2.11	577.04	2.69	576.46
57-MW-4	582.75	NM	NA	NM	NA	4.20	578.55	3.82	578.93	4.03	578.72	4.44	578.31
57-MW-5	584.00	NM	NA	NM	NA	4.41	579.59	4.01	579.99	4.21	579.79	4.61	579.39
Bike Path													
MW-100	578.56	5.23	573.33	5.34	573.22	5.70	572.86	5.18	573.38	5.69	572.87	5.30	573.26
MW-103	578.37	4.78	573.59	4.73	573.64	4.57	573.80	4.45	573.92	4.91	573.46	4.61	573.76
MW-106	579.84	6.52	573.32	6.55	573.29	6.90	572.94	6.44	573.40	6.58	573.26	6.83	573.01

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		11/04-05/20		01/14/21		03/05/21		04/30/21		05/28/21		06/28/21	
68 Tonawanda Street (Site No. C915316)													
68-MW-1	595.41	Well removed during installation of the cover system in 2019											
68-MW-2	595.39	NM	NA	NM	NA	NM	NA	9.38	586.01	9.49	585.90	10.04	585.35
68-MW-3	594.10	NM	NA	NM	NA	10.64	583.46	9.31	584.79	9.48	584.62	11.17	582.93
68-MW-4	589.06	NM	NA	NM	NA	8.73	580.33	8.03	581.03	8.28	580.78	9.90	579.16
150 Tonawanda Street (Site No. C915299)													
150-MW-1	594.62	Well removed during installation of the cover system in 2020											
150-MW-2	594.65	Well removed during installation of the cover system in 2020											
150-MW-3	596.57	Well removed during installation of the cover system in 2020											
150-MW-4	595.65	Well removed during installation of the cover system in 2020											
Scajaquada Creek													
SC-1660	577.09	NM	NA	4.34	572.75	Frozen	NA	3.79	573.30	7.45	569.64	3.91	573.18
SC-West Ave	583.61	NM	NA	11.00	572.61	10.75	572.86	9.52	574.09	13.10	570.51	10.41	573.20
SC-Bike Path	578.96	NM	NA	6.06	572.90	6.22	572.74	5.00	573.96	8.65	570.31	5.78	573.18
BRC	-----	-----	573.10	-----	572.68	-----	572.74	-----	573.61	-----	570.30	-----	573.08

Notes:

NA = Not Applicable.
NI = Not Installed.
NM = Not Measured.
SC = Scajaquada Creek.
BRC = Black Rock Canal at the Black Rock Lock. Water levels at this location are measured every 15 minutes. When the times of water levels measurements were known, the average canal elevation between those times was used. Otherwise, the canal elevation at noon was used.
Elevations are referenced to Datum NAVD 88.
Green shaded values were measured from the top of the protective casing. The reference elevation is from that point. The top of riser elevation is 578.502.

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		07/27/21		08/31/21		09/30/21		10/26/21		11/23/21		12/22/21	
1660 Niagara Street (Site No. C915311)													
1660-MW-1	580.40	8.10	572.30	8.19	572.21	8.13	572.27	7.50	572.90	7.73	572.67	7.63	572.77
1660-MW-2	578.50	5.84	572.66	5.93	572.57	5.88	572.62	6.40	572.10	6.19	572.31	5.95	572.55
1660-MW-3R	578.63	5.93	572.70	5.66	572.97	5.61	573.02	6.60	572.03	6.34	572.29	6.04	572.59
1660-MW-5R	577.61	5.21	572.40	5.48	572.13	5.42	572.19	5.95	571.66	5.48	572.13	5.33	572.28
1660-MW-6	579.91	7.95	571.96	8.09	571.82	7.95	571.96	8.75	571.16	8.43	571.48	8.18	571.73
1660-MW-7	579.91	7.51	572.40	7.63	572.28	7.47	572.44	8.20	571.71	7.95	571.96	7.64	572.27
1660-MW-8	580.80	9.25	571.55	9.41	571.39	9.30	571.50	10.02	570.78	9.69	571.11	9.51	571.29
TPMW1	582.20	9.79	572.41	10.11	572.09	10.08	572.12	10.43	571.77	10.02	572.18	9.91	572.29
1675 Niagara Street													
1675-MW-1	577.51	4.80	572.71	5.09	572.42	5.00	572.51	5.51	572.00	5.13	572.38	5.05	572.46
1675-MW-2	580.29	3.50	576.79	3.77	576.52	3.59	576.70	3.35	576.94	3.43	576.86	3.52	576.77
31 Tonawanda Street (Site No. C915299)													
31-MW-1	580.66	Well appears to have been destroyed during redevelopment in 2021											
31-MW-2	581.89	NM	NA	NM	NA	NM	NA	4.97	576.92	5.10	576.79	5.36	576.53
31-MW-3	578.96	6.01	572.95	3.41	575.55	3.38	575.58	6.83	572.13	6.51	572.45	6.23	572.73
31-MW-4	580.60	NM	NA	NM	NA	7.24	573.36	NM	NA	NM	NA	NM	NA
31-MW-5	583.14	Well removed during installation of the cover system in 2020											
57-71 Tonawanda Street (Site No. C915024)													
57-MW-1	577.70	3.97	573.73	4.51	573.19	4.44	573.26	4.75	572.95	4.61	573.09	3.95	573.75
57-MW-2	578.33	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
57-MW-3	579.15	2.12	577.03	2.22	576.93	2.20	576.95	2.35	576.80	1.94	577.21	2.01	577.14
57-MW-4	582.75	4.37	578.38	3.92	578.83	3.84	578.91	3.17	579.58	2.91	579.84	3.21	579.54
57-MW-5	584.00	4.18	579.82	3.88	580.12	3.81	580.19	3.11	580.89	3.00	581.00	2.89	581.11
Bike Path													
MW-100	578.56	4.72	573.84	5.31	573.25	5.24	573.32	5.46	573.10	5.43	573.13	4.98	573.58
MW-103	578.37	4.38	573.99	5.00	573.37	4.77	573.60	4.93	573.44	4.69	573.68	4.35	574.02
MW-106	579.84	6.00	573.84	6.50	573.34	6.51	573.33	6.75	573.09	6.52	573.32	6.14	573.70

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		07/27/21		08/31/21		09/30/21		10/26/21		11/23/21		12/22/21	
68 Tonawanda Street (Site No. C915316)													
68-MW-1	595.41	Well removed during installation of the cover system in 2019											
68-MW-2	595.39	10.49	584.90	9.93	585.46	9.88	585.51	NM	NA	9.61	585.78	9.77	585.62
68-MW-3	594.10	11.65	582.45	11.20	582.90	11.09	583.01	10.64	583.46	10.26	583.84	10.22	583.88
68-MW-4	589.06	7.20	581.86	8.82	580.24	8.71	580.35	8.15	580.91	7.94	581.12	7.87	581.19
150 Tonawanda Street (Site No. C915299)													
150-MW-1	594.62	Well removed during installation of the cover system in 2020											
150-MW-2	594.65	Well removed during installation of the cover system in 2020											
150-MW-3	596.57	Well removed during installation of the cover system in 2020											
150-MW-4	595.65	Well removed during installation of the cover system in 2020											
GEI Monitoring Wells													
BGL-1	581.74	NI	NA	NI	NA	NI	NA	NI	NA	23.21	558.53	17.69	564.05
BGL-3	579.82	NI	NA	NI	NA	NI	NA	NI	NA	6.62	573.20	6.25	573.57
LSC-1	585.69	NI	NA	NI	NA	NI	NA	NI	NA	11.89	573.80	12.10	573.59
LSC-2	585.35	NI	NA	NI	NA	NI	NA	NI	NA	12.48	572.87	12.26	573.09
LSC-3	586.95	NI	NA	NI	NA	NI	NA	NI	NA	13.81	573.14	13.46	573.49
LSC-4	582.13	NI	NA	NI	NA	NI	NA	NI	NA	9.47	572.66	9.27	572.86
LSC-5	582.48	NI	NA	NI	NA	NI	NA	NI	NA	NM	NA	NM	NA
Scajaquada Creek													
SC-1660	577.09	3.00	574.09	4.11	572.98	4.04	573.05	NM	NA	NM	NA	NM	NA
SC-West Ave	583.61	9.83	573.78	10.53	573.08	11.61	572.00	10.60	573.01	10.77	572.84	10.90	572.71
SC-Bike Path	578.96	4.95	574.01	5.92	573.04	5.93	573.03	6.20	572.76	6.01	572.95	5.20	573.76
BRC	-----	-----	573.72	-----	572.91	-----	572.70	-----	572.84	-----	572.64	-----	573.22

Notes:

NA = Not Applicable.
NI = Not Installed.
NM = Not Measured.
SC = Scajaquada Creek.
BRC = Black Rock Canal at the Black Rock Lock. Water levels at this location are measured every 15 minutes. When the times of water levels measurements were known, the average canal elevation between those times was used. Otherwise, the canal elevation at noon was used.

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Elevations are referenced to Datum NAVD 88.

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		01/25/22		03/29/22		06/27/23		07/24/23		08/18/23		09/28/23	
1660 Niagara Street (Site No. C915311)													
1660-MW-1	580.40	NM	NA	NM	NA	8.23	572.17	8.42	571.98	8.41	571.99	8.80	571.60
1660-MW-2	578.50	NM	NA	NM	NA	5.98	572.52	6.09	572.41	5.98	572.52	6.69	571.81
1660-MW-3R	578.63	NM	NA	NM	NA	6.12	572.51	6.15	572.48	5.96	572.67	6.81	571.82
1660-MW-5R	577.61	NM	NA	NM	NA	5.13	572.48	5.13	572.48	4.94	572.67	5.89	571.72
1660-MW-6	579.91	8.71	571.20	8.76	571.15	7.50	572.41	7.51	572.40	7.27	572.64	8.27	571.64
1660-MW-7	579.91	8.26	571.65	8.31	571.60	7.41	572.50	7.44	572.47	7.21	572.70	8.16	571.75
1660-MW-8	580.80	10.12	570.68	10.06	570.74	8.51	572.29	8.51	572.29	8.28	572.52	9.31	571.49
TPMW1	582.20	NM	NA	10.37	571.83	9.37	572.83	NM	NA	9.79	572.41	10.41	571.79
1675 Niagara Street													
1675-MW-1	577.51	5.65	571.86	5.57	571.94	4.99	572.52	5.03	572.48	4.82	572.69	5.67	571.84
1675-MW-2	580.29	3.51	576.78	3.39	576.90	3.87	576.42	3.88	576.41	3.92	576.37	3.95	576.34
31 Tonawanda Street (Site No. C915299)													
31-MW-1	580.66	Well appears to have been destroyed during redevelopment in 2021											
31-MW-2	581.89	NM	NA	NM	NA	6.06	575.83	5.82	576.07	5.66	576.23	5.51	576.38
31-MW-3	578.96	NM	NA	6.75	572.21	6.66	572.30	6.65	572.31	6.60	572.36	7.37	571.59
31-MW-4	580.60	Well appears to have been destroyed during redevelopment in 2021											
31-MW-5	583.14	Well removed during installation of the cover system in 2020											
57-71 Tonawanda Street (Site No. C915024)													
57-MW-1	577.70	NM	NA	NM	NA	4.77	572.93	4.95	572.75	4.39	573.31	5.03	572.67
57-MW-2	578.33	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
57-MW-3	579.15	NM	NA	NM	NA	1.17	577.98	1.97	577.18	2.29	576.86	2.76	576.39
57-MW-4	582.75	NM	NA	4.53	578.22	4.77	577.98	4.57	578.18	4.22	578.53	3.75	579.00
57-MW-5	584.00	NM	NA	3.94	580.06	4.42	579.58	4.36	579.64	4.27	579.73	4.03	579.97
Bike Path													
MW-100	578.56	NM	NA	5.62	572.94	5.66	572.90	5.71	572.85	5.17	573.39	6.42	572.14
MW-103	578.37	NM	NA	4.35	574.02	5.06	573.31	5.25	573.12	5.05	573.32	6.22	572.15
MW-106	579.84	NM	NA	6.77	573.07	6.92	572.92	7.00	572.84	6.51	573.33	7.72	572.12

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		01/25/22		03/29/22		06/27/23		07/24/23		08/18/23		09/28/23	
68 Tonawanda Street (Site No. C915316)													
68-MW-1	595.41	Well removed during installation of the cover system in 2019											
68-MW-2	595.39	9.69	585.70	9.98	585.41	10.48	584.91	10.44	584.95	10.39	585.00	10.38	585.01
68-MW-3	594.10	NM	NA	10.18	583.92	11.21	582.89	11.32	582.78	11.32	582.78	11.24	582.86
68-MW-4	589.06	NM	NA	8.92	580.14	9.44	579.62	9.37	579.69	9.12	579.94	8.76	580.30
150 Tonawanda Street (Site No. C915299)													
150-MW-1	594.62	Well removed during installation of the cover system in 2020											
150-MW-2	594.65	Well removed during installation of the cover system in 2020											
150-MW-3	596.57	Well removed during installation of the cover system in 2020											
150-MW-4	595.65	Well removed during installation of the cover system in 2020											
GEI Monitoring Wells													
BGL-1	581.74	16.80	564.94	6.19	575.55	7.24	574.50	7.09	574.65	6.82	574.92	6.58	575.16
BGL-3	579.82	6.92	572.90	7.21	572.61	5.79	574.03	6.13	573.69	5.76	574.06	6.19	573.63
LSC-1	585.69	12.59	573.10	12.37	573.32	12.79	572.90	12.67	573.02	12.69	573.00	13.22	572.47
LSC-2	585.35	12.89	572.46	12.77	572.58	12.57	572.78	12.60	572.75	12.24	573.11	13.22	572.13
LSC-3	586.95	14.35	572.60	14.40	572.55	14.08	572.87	14.23	572.72	13.96	572.99	14.93	572.02
LSC-4	582.13	9.91	572.22	9.82	572.31	9.38	572.75	9.43	572.70	9.01	573.12	10.11	572.02
LSC-5	582.48	NM	NA	NM	NA	9.89	572.59	9.88	572.60	9.61	572.87	10.61	571.87
MW-PS-1S	578.33	NM	NA	NM	NA	6.29	572.04	6.29	572.04	6.01	572.32	7.18	571.15
MW-PS-1D	578.34	NM	NA	NM	NA	6.21	572.13	6.14	572.20	5.94	572.40	7.04	571.30
MW-PS-2S	579.42	NM	NA	NM	NA	7.46	571.96	7.42	572.00	7.20	572.22	8.37	571.05
MW-PS-2D	579.42	NM	NA	NM	NA	6.98	572.44	6.99	572.43	6.77	572.65	7.75	571.67
Scajaquada Creek													
SC-1660	577.09	NM	NA	NM	NA	4.50	572.59	4.38	572.71	3.79	573.30	Dry	NA
SC-West Ave	583.61	NM	NA	10.95	572.66	10.66	572.95	10.75	572.86	9.32	574.29	11.52	572.09
SC-Bike Path	578.96	6.80	572.16	6.49	572.47	7.52	571.44	6.28	572.68	5.23	573.73	6.92	572.04
BRC	-----	-----	572.57	-----	572.52	-----	572.70	-----	572.66	-----	573.75	-----	571.96

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

NA = Not Applicable.
NI = Not Installed.
NM = Not Measured.
SC = Scajaquada Creek.
BRC = Black Rock Canal at the Black Rock Lock. Water levels at this location are measured every 15 minutes. When the times of water levels measurements were known, the average canal elevation between those times was used. Otherwise, the canal elevation at noon was used.
Elevations are referenced to Datum NAVD 88.

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		10/16/23		11/20/23		12/20/23							
1660 Niagara Street (Site No. C915311)													
1660-MW-1	580.40	8.66	571.74	8.81	571.59	6.99	573.41						
1660-MW-2	578.50	6.71	571.79	7.03	571.47	6.64	571.86						
1660-MW-3R	578.63	6.85	571.78	7.22	571.41	6.72	571.91						
1660-MW-5R	577.61	5.91	571.70	6.29	571.32	5.71	571.90						
1660-MW-6	579.91	8.24	571.67	8.55	571.36	8.03	571.88						
1660-MW-7	579.91	8.17	571.74	8.56	571.35	8.01	571.90						
1660-MW-8	580.80	9.26	571.54	9.54	571.26	8.98	571.82						
TPMW1	582.20	10.45	571.75	10.64	571.56	10.42	571.78						
1675 Niagara Street													
1675-MW-1	577.51	5.70	571.81	6.10	571.41	5.65	571.86						
1675-MW-2	580.29	3.93	576.36	3.80	576.49	3.76	576.53						
31 Tonawanda Street (Site No. C915299)													
31-MW-1	580.66	Well appears to have been destroyed during redevelopment in 2021											
31-MW-2	581.89	5.45	576.44	5.59	576.30	5.81	576.08						
31-MW-3	578.96	7.30	571.66	7.65	571.31	7.16	571.80						
31-MW-4	580.60	Well appears to have been destroyed during redevelopment in 2021											
31-MW-5	583.14	Well removed during installation of the cover system in 2020											
57-71 Tonawanda Street (Site No. C915024)													
57-MW-1	577.70	4.97	572.73	4.96	572.74	NM	NA						
57-MW-2	578.33	NM	NA	NM	NA	NM	NA						
57-MW-3	579.15	2.00	577.15	2.52	576.63	NM	NA						
57-MW-4	582.75	3.53	579.22	3.43	579.32	3.53	579.22						
57-MW-5	584.00	3.92	580.08	3.69	580.31	3.42	580.58						
Bike Path													
MW-100	578.56	6.50	572.06	7.11	571.45	6.24	572.32						
MW-103	578.37	6.17	572.20	5.98	572.39	5.28	573.09						
MW-106	579.84	7.72	572.12	8.03	571.81	7.44	572.40						

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		10/16/23		11/20/23		12/20/23							
68 Tonawanda Street (Site No. C915316)													
68-MW-1	595.41	Well removed during installation of the cover system in 2019											
68-MW-2	595.39	10.37	585.02	10.44	584.95	10.36	585.03						
68-MW-3	594.10	11.14	582.96	11.03	583.07	10.86	583.24						
68-MW-4	589.06	8.53	580.53	8.28	580.78	8.25	580.81						
150 Tonawanda Street (Site No. C915299)													
150-MW-1	594.62	Well removed during installation of the cover system in 2020											
150-MW-2	594.65	Well removed during installation of the cover system in 2020											
150-MW-3	596.57	Well removed during installation of the cover system in 2020											
150-MW-4	595.65	Well removed during installation of the cover system in 2020											
GEI Monitoring Wells													
BGL-1	581.74	6.50	575.24	6.73	575.01	6.85	574.89						
BGL-3	579.82	5.88	573.94	7.06	572.76	7.39	572.43						
LSC-1	585.69	13.21	572.48	13.52	572.17	13.20	572.49						
LSC-2	585.35	13.24	572.11	13.82	571.53	13.23	572.12						
LSC-3	586.95	15.19	571.76	15.58	571.37	15.13	571.82						
LSC-4	582.13	10.09	572.04	10.67	571.46	10.06	572.07						
LSC-5	582.48	10.60	571.88	11.04	571.44	10.45	572.03						
MW-PS-1S	578.33	7.09	571.24	NM	NA	NM	NA						
MW-PS-1D	578.34	6.97	571.37	NM	NA	NM	NA						
MW-PS-2S	579.42	8.28	571.14	NM	NA	NM	NA						
MW-PS-2D	579.42	7.73	571.69	NM	NA	NM	NA						
Scajaquada Creek													
SC-1660	577.09	Dry	NA	Dry	NA	Dry	NA						
SC-West Ave	583.61	11.72	571.89	12.50	571.11	11.70	571.91						
SC-Bike Path	578.96	6.97	571.99	7.89	571.07	7.21	571.75						
BRC	-----	-----	571.87	-----	570.81	-----	571.70						

Table 3-5
Summary of Historic Water Levels in Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

NA = Not Applicable.
NI = Not Installed.
NM = Not Measured.
SC = Scajaquada Creek.
BRC = Black Rock Canal at the Black Rock Lock. Water levels at this location are measured every 15 minutes. When the times of water levels measurements were known, the average canal elevation between those times was used. Otherwise, the canal elevation at noon was used.
Elevations are referenced to Datum NAVD 88.

Table 3-6
Summary of Water Levels in Fedders Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		11/10/25		12/05/25		12/09/25		12/10/25		12/15/25		12/17/25 ●	
57-71 Tonawanda Street (Site No. C915024) - BCP Remedial Investigation Wells													
MW-1S	577.71	4.94	572.77	NM	NA	NM	NA	NM	NA	NM	NA	4.92	572.79
MW-2S	578.27	3.99	574.28	NM	NA	NM	NA	NM	NA	NM	NA	3.68	574.59
MW-3S	579.14	2.08	577.06	NM	NA	NM	NA	NM	NA	NM	NA	2.31	576.83
MW-4D	582.91	3.45	579.46	NM	NA	NM	NA	NM	NA	NM	NA	3.60	579.31
MW-5D	584.01	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
31 Tonawanda Street Off-Site (Site No. C915299A) - NYSDEC Site Investigation Bike Path Wells													
MW-100	578.56	7.57	570.99	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
MW-103	578.37	6.30	572.07	NM	NA	NM	NA	NM	NA	NM	NA	6.15	572.22
MW-106	579.84	8.23	571.61	NM	NA	NM	NA	NM	NA	NM	NA	NM	NA
Fedders Auto Components Site (Site No. 915024) - NYSDEC Site Characterization													
MW-1D	577.49	NI	NA	NM	NA	NM	NA	6.42	571.07	9.10	568.39	NM	NA
MW-2D	578.29	NI	NA	NM	NA	NM	NA	7.19	571.10	NM	NA	7.19	571.10
MW-3D	578.86	NI	NA	13.45	565.41	NM	NA	NM	NA	20.24	558.62	NM	NA
MW-6D	581.74	NI	NA	6.91	574.83	4.56	577.18	12.75	568.99	NM	NA	NM	NA
MW-7D	583.46	NI	NA	NM	NA	3.72	579.74	NM	NA	3.75	579.71	NM	NA
MW-8D	577.79	NI	NA	NM	NA	6.87	570.92	NM	NA	NM	NA	6.34	571.45
MW-9D	578.36	NI	NA	NM	NA	NM	NA	7.15	571.21	NM	NA	7.15	571.21

Notes:

● = Water level measured by LaBella during well sampling.
NA = Not Applicable.
NI = Not Installed.
NM = Not Measured.
Elevations are referenced to Datum NAVD 88.
Table checked by GMM on August 17, 2026.

Table 3-6
Summary of Water Levels in Fedders Overburden Monitoring Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	Top of Riser Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation	Depth to Water	Water Elevation
		12/17/25 ♦		01/15/26		01/16/26		03/09/26		05/11/26			
57-71 Tonawanda Street (Site No. C915024) - BCP Remedial Investigation Wells													
MW-1S	577.71	4.92	572.79	4.82	572.89	NM	NA	NM	NA	4.92	572.79		
MW-2S	578.27	3.76	574.51	NM	NA	NM	NA	NM	NA	3.25	575.02		
MW-3S	579.14	2.33	576.81	NM	NA	NM	NA	NM	NA	1.31	577.83		
MW-4D	582.91	3.58	579.33	NM	NA	NM	NA	4.08	578.83	5.14	577.77		
MW-5D	584.01	NM	NA	4.14	579.87	NM	NA	NM	NA	4.56	579.45		
31 Tonawanda Street Off-Site (Site No. C915299A) - NYSDEC Site Investigation Bike Path Wells													
MW-100	578.56	7.04	571.52	NM	NA	6.36	572.20	6.22	572.34	6.15	572.41		
MW-103	578.37	6.19	572.18	NM	NA	6.00	572.37	5.34	573.03	4.49	573.88		
MW-106	579.84	8.13	571.71	NM	NA	NM	NA	7.62	572.22	7.13	572.71		
Fedders Auto Components Site (Site No. 915024) - NYSDEC Site Characterization													
MW-1D	577.49	NM	NA	NM	NA	NM	NA	NM	NA	5.29	572.20		
MW-2D	578.29	NM	NA	NM	NA	6.71	571.58	NM	NA	6.03	572.26		
MW-3D	578.86	NM	NA	NM	NA	NM	NA	NM	NA	3.91	574.95		
MW-6D	581.74	NM	NA	7.81	573.93	NM	NA	NM	NA	6.86	574.88		
MW-7D	583.46	3.72	579.74	NM	NA	NM	NA	4.64	578.82	5.20	578.26		
MW-8D	577.79	NM	NA	NM	NA	NM	NA	NM	NA	5.59	572.20		
MW-9D	578.36	NM	NA	NM	NA	6.95	571.41	NM	NA	6.08	572.28		

Notes:

♦ = Water level measured by GEI Consultants.
NA = Not Applicable.
NM = Not Measured.
Elevations are referenced to Datum NAVD 88.
Table checked by GMM on August 17, 2026.

Table 4-1

Stratigraphic Sequence of Western New York

Compiled from Buehler and Tesmer (1963) and Brett et al. (1995).

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Epoch	Group	Formation	Member
Middle Devonian	Hamilton	Moscow Shale	Windom Shale Kashong Shale
		Ludlowville Formation	Tichenor Limestone Wanakah Shale Ledyard Shale Centerfield Limestone
		Skaneateles Formation	Levanna Shale Stafford Limestone
		Marcellus Shale	Oatka Creek Shale
		Onondaga Limestone	Seneca Limestone Morehouse Limestone Nedrow Limestone Clarence Limestone Edgecliff Limestone
Late Silurian	Salina	Akron Dolostone	
		Bertie Dolostone	Williamsville Dolostone Scajaquada Dolostone Falkirk Dolostone Oatka Dolostone
		Camillus Shale Syracuse Formation Vernon Shale	
Middle Silurian	Lockport	Guelph Dolostone Eramosa Dolostone	
		Goat Island Dolostone	Vinemount Dolostone Ancaster Dolostone Niagara Falls Dolostone
		Gasport Limestone	Pekin Dolostone Gothic Hill Limestone
	Clinton	Decew Dolostone	
		Rochester Shale	Burleigh Hill Shale Lewiston Shale
		Irondequoit Limestone Rockway Dolostone Williamson Shale Merritton Limestone	
		Reynales Limestone	Hickory Corners Limestone
		Neahga Shale	
Early Silurian	Medina	Kodak Sandstone Cambria Shale Thorold Sandstone Grimsby Formation Devils Hole Shale Power Glen Shale Whirlpool Sandstone	
Late Ordovician	Richmond	Queenston Shale Oswego Sandstone	

Table 4-2
Stratigraphic Summary of Soil Borings and Test Pits Completed at the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring or Test Pit Number	Date Completed	New York State Plane Coordinates		Ground Surface Elevation (ft amsl)	Total Depth (ft bgs)	Miscellaneous Fill Including Concrete Slabs & Asphalt Paving			Brown Clay or Silty Clay (Possibly Reworked)			Gray Gravelly Sand and Gray Sandy Silty Clay (Alluvium)			Native Reddish Brown Silty Clay		
		Easting (x)	Northing (y)			Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)
1989 FEDCO Site Investigation																	
MW1-89	08/16/89	NS	NS	NS	12.0	0.0	N/A	> 12.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
MW2-89	08/16/89	NS	NS	NS	11.0	0.0	N/A	> 11.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1990 DEC Phase II Investigation																	
B-1	09/25/90	1064499.8888	1067899.2073	580.86	8.0	0.0	580.86	2.0	-----	-----	-----	-----	-----	-----	2.0	578.86	> 6.0
GW-1	09/26/90	1064530.1320	1068038.0412	581.00	11.0	0.0	581.00	4.0	-----	-----	-----	-----	-----	-----	4.0	577.00	> 7.0
GW-2	09/26/90	1064771.9945	1068003.6534	577.10	14.5	0.0	577.10	12.9	-----	-----	-----	12.9	564.20	> 1.6	-----	-----	-----
GW-3A	09/25/90	NS	NS	NS	15.0	0.0	N/A	4.0	4.0	N/A	9.5	13.5	N/A	> 1.5	-----	-----	-----
GW-3B	09/25/90	NS	NS	NS	8.0	0.0	N/A	> 8.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
GW-3	09/25/90	1064670.7584	1067915.6807	577.30	14.5	0.0	577.30	12.5	-----	-----	-----	12.5	564.80	> 2.0	-----	-----	-----
1998 RETEC Bike Path Investigation																	
SB-01	12/12/98	1064706.3811	1067905.2750	579.00	20.0	0.0	579.00	12.0	-----	-----	-----	12.0	567.00	> 8.0	-----	-----	-----
SB-02	12/12/98	1064722.5720	1067929.7261	579.00	16.0	0.0	579.00	8.0	-----	-----	-----	8.0	571.00	> 8.0	-----	-----	-----
SB-03	12/12/98	1064748.7884	1067945.8566	579.00	20.0	0.0	579.00	8.0	-----	-----	-----	8.0	571.00	8.0	16.0	563.00	> 4.0
SB-04	12/12/98	1064772.7696	1067975.0637	579.00	16.0	0.0	579.00	8.0	-----	-----	-----	8.0	571.00	> 8.0	-----	-----	-----
2002 FEDCO Environmental Site Investigation																	
SB-1	08/08/02	1064446.4728	1068007.5652	582.52	12.0	0.0	582.52	0.67	0.67	581.85	7.33	-----	-----	-----	8.0	574.52	> 4.0
SB-2	08/08/02	1064449.3765	1068012.4672	582.55	8.0	0.0	582.55	0.5	0.5	582.05	6.3	-----	-----	-----	6.8	575.75	> 1.2
SB-3	08/08/02	1064463.5610	1068012.2397	582.36	15.0	0.0	582.36	0.5	0.5	581.86	3.5	-----	-----	-----	4.0	578.36	> 11.0
SB-4	08/08/02	1064462.8945	1068005.8059	582.33	8.0	0.0	582.33	0.5	0.5	581.83	3.5	-----	-----	-----	4.0	578.33	> 4.0
SB-5	08/08/02	1064480.5967	1068003.8866	582.36	23.0	0.0	582.36	0.83	-----	-----	-----	-----	-----	-----	0.83	581.53	> 22.2
SB-6	08/08/02	1064487.3741	1068007.0421	582.36	23.0	0.0	582.36	1.5	-----	-----	-----	-----	-----	-----	1.5	580.86	> 21.5
2019/2020 BCP Remedial Investigation																	
BH-01	12/17/19	1064635.6420	1067892.2010	577.99	12.0	0.0	577.99	5.5	5.5	572.49	> 6.5	-----	-----	-----	-----	-----	-----
BH-02	12/18/19	1064716.4440	1067958.7210	578.30	12.0	0.0	578.30	7.0	7.0	571.30	> 5.0	-----	-----	-----	-----	-----	-----
BH-03	12/18/19	1064790.4070	1068038.5540	578.60	12.0	0.0	578.60	4.0	4.0	574.60	> 8.0	-----	-----	-----	-----	-----	-----
BH-04	12/17/19	1064688.2190	1067999.5160	579.01	20.0	0.0	579.01	3.5	3.5	575.51	6.0	9.5	569.51	6.5	16.0	563.01	> 4.0
BH-05	12/18/19	1064689.7450	1068060.4365	580.09	8.0	0.0	580.09	4.5	4.5	575.59	> 3.5	-----	-----	-----	-----	-----	-----
BH-06	12/18/19	1064611.9230	1068074.6670	581.68	8.0	0.0	581.68	3.5	3.5	578.18	> 4.5	-----	-----	-----	-----	-----	-----
BH-07	12/17/19	1064597.4730	1068017.7890	580.41	12.0	0.0	580.41	3.5	3.5	576.91	0.5	4.0	576.41	4.0	8.0	572.41	> 4.0
BH-08	12/18/19	1064587.0870	1067960.3550	579.69	12.0	0.0	579.69	4.0	-----	-----	-----	4.0	575.69	4.0	8.0	571.69	> 4.0
BH-09	12/18/19	1064532.6180	1067960.3310	580.85	8.0	0.0	580.85	3.0	-----	-----	-----	-----	-----	-----	3.0	577.85	> 5.0
BH-10	12/18/19	1064491.8780	1067917.5090	581.42	8.0	0.0	581.42	2.0	-----	-----	-----	-----	-----	-----	2.0	579.42	> 6.0
BH-11	12/18/19	1064451.3078	1068012.5568	582.56	12.0	0.0	582.56	6.0	6.0	576.56	> 6.0	-----	-----	-----	-----	-----	-----
BH-12	12/19/19	1064494.4400	1067992.7690	581.90	8.0	0.0	581.90	4.0	-----	-----	-----	-----	-----	-----	4.0	577.90	> 4.0

Table 4-2
Stratigraphic Summary of Soil Borings and Test Pits Completed at the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring or Test Pit Number	Date Completed	New York State Plane Coordinates		Ground Surface Elevation (ft amsl)	Total Depth (ft bgs)	Miscellaneous Fill Including Concrete Slabs & Asphalt Paving			Brown Clay or Silty Clay (Possibly Reworked)			Gray Gravelly Sand and Gray Sandy Silty Clay (Alluvium)			Native Reddish Brown Silty Clay		
		Easting (x)	Northing (y)			Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)
2019/2020 BCP Remedial Investigation (continued)																	
BH-13	12/18/19	1064472.0040	1068087.3280	584.85	8.0	0.0	584.85	4.6	-----	-----	-----	-----	-----	-----	4.6	580.25	> 3.4
TP-14	01/08/20	1064448.7918	1068119.1063	587.51	10.0	0.0	587.51	8.0	8.0	579.51	> 2.0	-----	-----	-----	-----	-----	-----
TP-15	01/08/20	1064402.0081	1068149.1719	587.88	10.0	0.0	587.88	> 10.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
TP-16	01/08/20	1064359.9565	1068164.9457	587.60	10.0	0.0	587.60	> 10.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
TP-17	01/08/20	1064334.5017	1068099.5506	587.21	10.0	0.0	587.21	> 10.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
TP-18	01/08/20	1064398.3751	1068096.2613	587.20	6.0	0.0	587.20	> 6.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
MW-1S	01/13/20	1064631.5460	1067894.5110	578.05	15.0	0.0	578.05	7.0	7.0	571.05	> 8.0	-----	-----	-----	-----	-----	-----
MW-2S	01/13/20	1064782.0520	1068038.9660	578.69	15.0	0.0	578.69	5.0	5.0	573.69	> 10.0	-----	-----	-----	-----	-----	-----
MW-3S	01/13/20	1064605.1540	1067969.2420	579.57	15.0	0.0	579.57	3.5	-----	-----	-----	3.5	576.07	4.5	8.0	571.57	> 7.0
MW-4D	01/14/20	1064261.4830	1067976.4400	583.41	30.0	0.0	583.41	2.0	-----	-----	-----	-----	-----	-----	2.0	581.41	> 28.0
MW-5D	01/15/20	1064278.6320	1068154.7030	584.43	30.0	0.0	584.43	2.0	-----	-----	-----	-----	-----	-----	2.0	582.43	> 28.0
SSB-1	03/18/20	1064410.8289	1067941.8397	NS/NE	12.0	0.0	N/A	4.0	4.0	N/A	4.0	-----	-----	-----	8.0	N/A	> 4.0
SSB-2	03/18/20	1064354.7816	1067968.8540	NS/NE	11.0	0.0	N/A	1.0	1.0	N/A	3.0	-----	-----	-----	4.0	N/A	> 7.0
SSB-3	03/19/20	1064297.7097	1067953.1947	NS/NE	11.0	0.0	N/A	1.0	1.0	N/A	3.0	-----	-----	-----	4.0	N/A	> 7.0
SSB-4	03/19/20	1064302.7172	1068003.0792	NS/NE	11.0	0.0	N/A	1.0	1.0	N/A	3.0	-----	-----	-----	4.0	N/A	> 7.0
SSB-5	03/19/20	1064415.8364	1067991.7242	NS/NE	11.0	0.0	N/A	4.0	-----	-----	-----	-----	-----	-----	4.0	N/A	> 7.0
2020 NYSDEC Remedial Investigation of the 31 Tonawanda Street BCP Site Off-Site Area																	
SB-100	09/18/20	1064730.9733	1067946.8962	578.82	28.0	0.17	578.65	16.63	-----	-----	-----	16.8	562.02	4.5	21.3	557.52	> 6.7
SB-103	09/18/20	1064847.3382	1068055.9210	578.81	24.0	1.0	577.81	7.0	-----	-----	-----	8.0	570.81	14.1	22.1	556.71	> 1.9
SB-106	09/18/20	1065042.8495	1068182.8885	580.26	24.0	0.33	579.93	8.4	-----	-----	-----	8.7	571.56	11.3	20.0	560.26	> 4.0
2025 NYSDEC Site Characterization (Stratigraphy from LaBella Logs)																	
SB-VOC-01	11/03/25	1064638.0870	1067904.2450	578.04	30.0	0.0	578.04	6.0	6.0	572.04	10.0	16.0	562.04	4.0	20.0	558.04	> 10.0
SB-VOC-02	10/31/25	1064759.5830	1068010.3810	578.62	30.0	0.0	578.62	7.0	7.0	571.62	7.0	14.0	564.62	14.0	28.0	550.62	> 2.0
SB-VOC-03	10/31/25	1064622.6710	1067977.6840	579.34	30.0	0.0	579.34	6.5	6.5	572.84	2.5	9.0	570.34	3.0	12.0	567.34	> 18.0
SB-VOC-04	11/03/25	1064689.6950	1067924.7260	578.15	25.0	0.0	578.15	15.0	-----	-----	-----	15.0	563.15	> 10.0	-----	-----	-----
SB-VOC-05	10/31/25	1064677.6990	1067960.1150	578.54	30.0	0.0	578.54	12.0	-----	-----	-----	12.0	566.54	10.0	22.0	556.54	> 8.0
SB-VOC-06	10/30/25	1064461.3220	1067967.4970	582.31	25.0	0.0	582.31	1.0	1.0	581.31	4.0	-----	-----	-----	5.0	577.31	> 20.0
SB-VOC-07	11/04/25	1064265.6240	1068016.8950	583.67	30.0	0.0	583.67	3.0	-----	-----	-----	-----	-----	-----	3.0	580.67	> 27.0
SB-VOC-08	10/31/25	1064704.5920	1068003.1860	578.94	30.0	0.0	578.94	4.0	4.0	574.94	8.0	12.0	566.94	6.0	18.0	560.94	> 12.0
SB-VOC-09	11/03/25	1064642.8570	1068013.1930	579.58	30.0	0.0	579.58	6.0	6.0	573.58	2.0	8.0	571.58	10.0	18.0	561.58	> 12.0
SB-VOC-10	11/03/25	1064547.8180	1068020.8780	581.41	30.0	0.0	581.41	4.5	-----	-----	-----	-----	-----	-----	4.5	576.91	> 25.5
SB-VOC-11	11/04/25	1064546.8680	1067976.6400	580.79	30.0	0.0	580.79	4.25	4.25	576.54	0.75	-----	-----	-----	5.0	575.79	> 25.0
SB-VOC-12	11/03/25	1064596.9080	1067950.9720	579.31	30.0	0.0	579.31	7.0	7.0	572.31	2.0	9.0	570.31	> 21.0	-----	-----	-----
SB-VOC-13	10/31/25	1064549.4767	1067903.3037	580.80	30.0	0.0	580.80	3.0	3.0	577.80	2.0	5.0	575.80	5.0	10.0	570.80	> 20.0

Table 4-2
Stratigraphic Summary of Soil Borings and Test Pits Completed at the Fedders Auto Components Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring or Test Pit Number	Date Completed	New York State Plane Coordinates		Ground Surface Elevation (ft amsl)	Total Depth (ft bgs)	Miscellaneous Fill Including Concrete Slabs & Asphalt Paving			Brown Clay or Silty Clay (Possibly Reworked)			Gray Gravelly Sand and Gray Sandy Silty Clay (Alluvium)			Native Reddish Brown Silty Clay		
		Easting (x)	Northing (y)			Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)
2025 NYSDEC Site Characterization (continued)																	
SB-VOC-14B	10/30/25	1064463.2020	1068007.3030	582.37	30.0	0.0	582.37	2.0	2.0	580.37	3.0	-----	-----	-----	5.0	577.37	> 25.0
SB-VOC-15	10/30/25	1064455.1508	1067923.0367	582.09	30.0	0.0	582.09	2.0	2.0	580.09	2.0	-----	-----	-----	4.0	578.09	> 26.0
SB-VOC-16	11/04/25	1064782.1300	1068039.0980	578.73	30.0	0.0	578.73	6.0	6.0	572.73	2.25	8.25	570.48	18.25	26.5	552.23	> 3.5

Notes:

*** = Surface elevations in feet above mean sea level.**
amsl = above mean sea level.
bgs = below ground surface.
N/A = Not Applicable.
NS = Not Surveyed.
NE = Not Estimated. Soil boring was completed within a building. Floor elevations are not available so estimates could not be made.

Elevations:

Blue shaded elevations are from a 2026 survey completed as part the NYSDEC Site Characterization of the Fedders Automotive Site.
Green shaded elevations were estimated from the TIN lines on the 57-71 Tonawanda Street AutoCAD survey drawing.
Grey shaded elevations are estimated.
Orange shaded elevations are from the NYSDEC Phase II Investigation Report dated February 1992.
Pink shaded elevations are listed on the soil boring logs prepared by RETEC in December 1998.
Yellow shaded elevations are from a survey conducted in 2020 as part of the NYSDEC 31 Tonawanda Street Off-Site Investigation.

Coordinates:

Blue shaded coordinates are from the Fedders AutoCAD drawing prepared by GMM from various sources as part of the 2025 NYSDEC Site Characterization of the Fedders Automotive Site.
Green shaded coordinates are the proposed coordinates from the Fedders Site Characterization Scope of Work. These locations were missed when surveyed in 2026.
Orange shaded coordinates are from a 2026 survey completed as part the NYSDEC Site Characterization of the Fedders Automotive Site.
Yellow shaded coordinates are from a survey conducted in 2020 as part of the NYSDEC 31 Tonawanda Street Off-Site Investigation.

Depths:

Orange shaded total depth as given on the soil boring log (4 feet) is inconsistent with the included photo, which shows 2 cores (8 feet). The depth of the reddish-brown silty clay was determined by doubling the depth shown on the log.
Light yellow shaded total depth as given on the soil boring log (8 feet) is inconsistent with the included photo, which shows 3 cores (12 feet). The depths of the reworked silty clay and reddish-brown silty clay were determined by observing the photo of the soil cores and using professional judgement. Depths should be considered estimates.

Borings:

Pink shaded borings: The original BE3 logs were checked against the closest soil boring log from the 2025 NYSDEC Site Characterization of the Fedders Automotive Site. The depths for the BE3 logs were adjusted accordingly.

Table 4-3
Stratigraphic Summary of the Iroquois Gas/Westwood Pharmaceuticals Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring or Test Pit Number	Date Completed	Ground ** Surface Elevation (ft amsl)	Total Boring Depth (ft bgs)	Miscellaneous Fill Including Crushed Stone & Asphalt Paving			Brownish-Grey to Grey Silty Sand & Silty Clay (Alluvium)			Native Reddish Brown Silty Clay			Native Sand and Gravel (Glacial Till)			Bedrock	
				Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation
Iroquois Gas/Westwood Pharmaceuticals Site (Site No. 915141A)																	
B-1	12/30/85	588.34	16.0	0.0	588.34	4.0	----	-------	----	4.0	584.34	> 12.0	----	-------	----	----	-------
B-2	12/31/85	589.38	20.0	0.0	589.38	5.5	----	-------	----	5.5	583.88	> 14.5	----	-------	----	----	-------
B-3 ●	01/02/86	590.35	31.0	0.0	590.35	6.0	6.0	584.35	3.5	9.5	580.85	> 21.5	----	-------	----	----	----
B-4	12/30/85	590.46	23.0	0.0	590.46	13.0	----	-------	----	13.0	577.46	> 10.0	----	-------	----	----	----
B-5 ●	12/31/85	590.20	11.0	0.0	590.20	6.0	----	-------	----	6.0	584.20	> 5.0	----	-------	----	----	----
B-6 ●	01/06/86	589.98	28.0	0.0	589.98	21.0	21.0	568.98	> 7.0	----	-------	----	----	-------	----	----	----
B-7 ●	01/05/86	590.30	34.0	0.0	590.30	24.0	24.0	566.30	8.0	32.0	558.30	> 2.0	----	-------	----	----	----
B-8 ●	01/07/86	590.27	29.0	0.0	590.27	22.0	22.0	568.27	> 7.0	----	-------	----	----	-------	----	----	----
B-19A ●	06/09/86	588.29	23.0	0.0	588.29	11.0	----	-------	----	11.0	577.29	> 12.0	----	-------	----	----	----
P-3	03/18/86	589.09	10.7	0.0	589.09	> 10.7	----	-------	----	----	-------	----	----	-------	----	----	----
P-3A	03/18/86	589.09	5.8	0.0	589.09	> 5.8	----	-------	----	----	-------	----	----	-------	----	----	----
P-4	03/17/86	590.09	9.5	0.0	590.09	8.5	----	-------	----	8.5	581.59	> 1.0	----	-------	----	----	----
P-5	03/18/86	588.84	10.6	0.0	588.84	> 10.6	----	-------	----	----	-------	----	----	-------	----	----	----
P-6	03/18/86	588.79	9.4	0.0	588.79	> 9.4	----	-------	----	----	-------	----	----	-------	----	----	----
P-7	03/17/86	589.04	8.0	0.0	589.04	> 8.0	----	-------	----	----	-------	----	----	-------	----	----	----
P-8	03/17/86	588.99	8.6	0.0	588.99	8.0	----	-------	----	8.0	580.99	> 0.6	----	-------	----	----	----
P-10	03/17/86	588.89	11.0	0.0	588.89	10.0	----	-------	----	10.0	578.89	> 1.0	----	-------	----	----	----
P-11	03/18/86	589.89	13.6	0.0	589.89	> 13.6	----	-------	----	----	-------	----	----	-------	----	----	----
P-12	03/18/86	588.84	8.0	0.0	588.84	7.0	----	-------	----	7.0	581.84	> 1.0	----	-------	----	----	----
P-13	03/18/86	590.74	12.4	0.0	590.74	7.8	----	-------	----	7.8	582.94	> 4.6	----	-------	----	----	----
P-14	03/18/86	588.84	6.0	0.0	588.84	> 6.0	----	-------	----	----	-------	----	----	-------	----	----	----
B-16 ●	01/18/85	591.90	71.0	0.0	591.90	3.0	----	-------	----	3.0	588.90	58.0	61.0	530.90	10.0	71.0	520.90
B-19 ●	02/21/85	589.40	17.0	1.0	588.40	12.5	----	-------	----	13.5	575.90	> 3.5	----	-------	----	----	----
B-1	02/19/85	591.49	26.0	0.0	591.49	22.0	22.0	569.49	2.0	24.0	567.49	> 2.0	----	-------	----	----	----
B-3	02/19/85	589.39	25.0	0.0	589.39	17.0	17.0	572.39	5.0	22.0	567.39	> 3.0	----	-------	----	----	----
B-5	02/21/85	589.89	24.0	0.0	589.89	> 24.0	See Note 1			----	-------	----	----	-------	----	----	----
B-7	02/20/85	593.29	28.0	0.0	593.29	22.0	See Note 1			22.0	571.29	> 6.0	----	-------	----	----	----
B-8	02/20/85	591.29	26.0	0.0	591.29	18.0	See Note 1			18.0	573.29	> 8.0	----	-------	----	----	----
B-9	02/19/85	591.79	26.0	0.0	591.79	20.0	See Note 1			20.0	571.79	> 6.0	----	-------	----	----	----
B-11	02/21/85	591.19	24.0	0.0	591.19	18.0	See Note 1			18.0	573.19	> 6.0	----	-------	----	----	----
B-12	02/20/85	591.49	26.4	0.0	591.49	10.0	See Note 1			10.0	581.49	> 16.4	----	-------	----	----	----
B-14	02/21/85	590.19	30.0	0.0	590.19	20.0	20.0	570.19	> 10.0	----	-------	----	----	-------	----	----	----
B-15	02/20/85	589.99	30.0	0.0	589.99	26.0	26.0	563.99	> 4.0	----	-------	----	----	-------	----	----	----
B-17	02/20/85	-----	24.0	0.0	N/A	14.0	See Note 1			14.0	N/A	> 10.0	----	-------	----	----	----
B-18	02/20/85	-----	28.0	0.0	N/A	23.0	23.0	N/A	3.0	26.0	N/A	> 2.0	----	-------	----	----	----
B-19	02/21/85	-----	25.5	0.5	N/A	3.5	----	-------	----	4.0	N/A	> 21.5	----	-------	----	----	----

Table 4-3
Stratigraphic Summary of the Iroquois Gas/Westwood Pharmaceuticals Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring or Test Pit Number	Date Completed	Ground ** Surface Elevation (ft amsl)	Total Boring Depth (ft bgs)	Miscellaneous Fill Including Crushed Stone & Asphalt Paving			Brownish-Grey to Grey Silty Sand & Silty Clay (Alluvium)			Native Reddish Brown Silty Clay			Native Sand and Gravel (Glacial Till)			Bedrock	
				Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation
Iroquois Gas/Westwood Pharmaceuticals Site (Site No. 915141A)																	
B-20	02/21/85	-----	25.5	0.0	N/A	4.0	----	-------	----	4.0	N/A	> 21.5	----	-------	----	----	-------
TB-4	12/28/85	592.60	71.0	0.0	592.60	21.5	----	-------	----	21.5	571.10	38.5	60.0	532.60	2.8	62.8	529.80
TB-10	02/06/85	592.69	96.0	0.3	592.44	19.8	20.0	572.69	10.0	30.0	562.69	38.0	68.0	524.69	21.0	89.0	503.69
TB-2	01/31/85	593.00	97.0	0.0	593.00	20.0	----	-------	----	20.0	573.00	43.0	63.0	530.00	28.0	91.0	502.00
TB-6	12/21/84	592.89	96.5	0.0	592.89	20.0	20.0	572.89	7.0	27.0	565.89	46.0	73.0	519.89	15.5	88.5	504.39
TB-13	02/05/85	590.89	92.0	0.0	590.89	27.0	See Note 1			27.0	563.89	48.0	75.0	515.89	17.0	92.0	498.89
TB-16	12/26/84	590.19	92.3	0.0	590.19	18.0	18.0	572.19	2.0	20.0	570.19	47.0	67.0	523.19	18.3	85.3	504.89
TP-1	02/25/85	-----	6.0	0.0	N/A	> 6.0	----	-------	----	----	-------	----	----	-------	----	----	----
TP-2	02/25/85	-----	6.5	0.0	N/A	> 6.5	----	-------	----	----	-------	----	----	-------	----	----	----
TP-3	02/25/85	-----	4.5	0.0	N/A	> 4.5	----	-------	----	----	-------	----	----	-------	----	----	----
TP-4	02/25/85	-----	6.7	0.0	N/A	> 6.7	----	-------	----	----	-------	----	----	-------	----	----	----
TP-5	02/25/85	-----	7.0	0.0	N/A	> 7.0	----	-------	----	----	-------	----	----	-------	----	----	----
TP-6	02/25/85	-----	6.5	0.0	N/A	> 6.5	----	-------	----	----	-------	----	----	-------	----	----	----
TP-7	02/25/85	-----	8.0	0.0	N/A	> 8.0	----	-------	----	----	-------	----	----	-------	----	----	----
TP-8	02/25/85	-----	7.5	0.0	N/A	> 7.5	----	-------	----	----	-------	----	----	-------	----	----	----
TP-9	02/25/85	-----	6.0	0.0	N/A	> 6.0	----	-------	----	----	-------	----	----	-------	----	----	----
TP-10	02/25/85	-----	7.5	0.0	N/A	> 7.5	----	-------	----	----	-------	----	----	-------	----	----	----
PB-4	1973	587.99	21.5	0.0	587.99	2.5	----	-------	----	2.5	585.49	> 19.0	----	-------	----	----	----
PB-5A	1973	588.59	20.0	0.0	588.59	10.0	----	-------	----	10.0	578.59	> 10.0	----	-------	----	----	----
PB-7	1973	589.49	15.0	0.0	589.49	1.0	----	-------	----	1.0	588.49	> 14.0	----	-------	----	----	----
PB-8	1973	589.49	20.0	0.0	589.49	2.0	----	-------	----	2.0	587.49	> 18.0	----	-------	----	----	----
PB-9	1973	589.49	25.0	0.0	589.49	18.5	----	-------	----	18.5	570.99	> 6.5	----	-------	----	----	----
PB-10	1973	589.79	26.5	0.0	589.79	7.5	----	-------	----	7.5	582.29	> 19.0	----	-------	----	----	----
PB-11	1973	588.99	16.5	0.0	588.99	2.5	----	-------	----	2.5	586.49	> 14.0	----	-------	----	----	----
PB-12	1973	589.19	15.0	0.0	589.19	1.0	----	-------	----	1.0	588.19	> 14.0	----	-------	----	----	----
PB-13	1973	589.19	15.0	0.0	589.19	5.5	----	-------	----	5.5	583.69	> 9.5	----	-------	----	----	----
PB-14	1973	589.49	35.0	0.0	589.49	19.0	----	-------	----	19.0	570.49	> 16.0	----	-------	----	----	----
PB-15	1973	588.39	30.0	0.0	588.39	10.0	----	-------	----	10.0	578.39	> 20.0	----	-------	----	----	----
PB-16	1973	587.99	20.0	0.0	587.99	7.5	----	-------	----	7.5	580.49	> 12.5	----	-------	----	----	----
PB-17	1973	589.39	15.0	0.0	589.39	1.0	----	-------	----	1.0	588.39	> 14.0	----	-------	----	----	----
PB-18	1973	589.39	10.0	0.0	589.39	> 10.0	----	-------	----	----	-------	----	----	-------	----	----	----
PB-19	1973	588.39	26.5	0.0	588.39	18.0	----	-------	----	18.0	570.39	> 8.5	----	-------	----	----	----
PB-20	1973	588.39	21.5	0.0	588.39	19.0	----	-------	----	19.0	569.39	> 2.5	----	-------	----	----	----
SM-10	12/19/56	587.55	76.7	----	-------	----	0.0	587.55	19.0	19.0	568.55	49.0	68.0	519.55	3.7	71.7	515.89
SM-13	12/14/56	589.27	78.3	0.0	589.27	13.0	----	-------	----	13.0	576.27	52.0	65.0	524.27	5.5	70.5	518.77
SM-15	10/19/56	593.56	85.6	0.0	593.56	20.0	20.0	573.56	5.0	25.0	568.56	43.0	68.0	525.56	3.2	71.2	522.39

Table 4-3
Stratigraphic Summary of the Iroquois Gas/Westwood Pharmaceuticals Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring or Test Pit Number	Date Completed	Ground ** Surface Elevation (ft amsl)	Total Boring Depth (ft bgs)	Miscellaneous Fill Including Crushed Stone & Asphalt Paving			Brownish-Grey to Grey Silty Sand & Silty Clay (Alluvium)			Native Reddish Brown Silty Clay			Native Sand and Gravel (Glacial Till)			Bedrock	
				Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation	Thickness (ft)	Depth (ft bgs)	Surface * Elevation
Iroquois Gas/Westwood Pharmaceuticals Site (Site No. 915141A)																	
SM-18	10/29/56	593.98	77.1	0.0	593.98	10.0	10.0	583.98	10.0	20.0	573.98	50.0	70.0	523.98	2.1	72.1	521.90
SM-20	10/25/56	590.84	75.4	0.0	590.84	20.0	----	-------	----	20.0	570.84	45.0	65.0	525.84	1.7	66.7	524.13
MWF-1	04/17/92	591.41	49.0	See the boring log for PS-1 for the lithologic description						----	-------	----	----	-------	----	----	-------
MWF-2	04/17/92	590.47	28.0	0.0	590.47	18.0	18.0	572.47	8.0	26.0	564.47	> 2.0	----	-------	----	----	-------
MWF-3	N/A	591.02	N/A	There is no log for this well						----	-------	----	----	-------	----	----	----
MWF-4	N/A	590.25	N/A	There is no log for this well						----	-------	----	----	-------	----	----	----
MWF-5	N/A	589.84	N/A	There is no log for this well						----	-------	----	----	-------	----	----	----
MWS-1	04/10/92	589.13	72.3	0.0	589.13	10.0	----	-------	----	10.0	579.13	50.5	60.5	528.63	11.8	72.3	516.83
MWS-2	04/09/92	591.03	86.0	0.0	591.03	18.0	18.0	573.03	6.0	24.0	567.03	40.0	64.0	527.03	20.0	84.0	507.03
MWS-3	04/23/92	590.11	84.0	0.0	590.11	26.0	26.0	564.11	3.0	29.0	561.11	44.5	73.5	516.61	10.5	84.0	506.11
MWS-4	04/20/92	591.19	82.0	0.0	591.19	10.0	10.0	581.19	2.0	12.0	579.19	52.0	64.0	527.19	18.0	82.0	509.19
PF-1	04/10/92	590.00	18.0	0.0	590.00	4.0	----	-------	----	4.0	586.00	> 14.0	----	-------	----	----	----
PF-2	N/A	591.27	N/A	There is no log for this well							-------	----	----	-------	----	----	----
PF-3	04/15/92	591.05	32.0	0.0	591.05	24.0	24.0	567.05	7.0	31.0	560.05	> 1.0	----	-------	----	----	----
PF-4	04/16/92	590.65	30.0	0.0	590.65	24.0	24.0	566.65	5.0	29.0	561.65	> 1.0	----	-------	----	----	----
PF-6	04/20/92	591.22	28.0	0.0	591.22	24.4	24.4	566.82	> 3.6	----	-------	----	----	-------	----	----	----
PS-1	04/24/92	591.31	49.0	0.3	590.98	1.7	2.0	589.31	22.0	24.0	567.31	15.0	39.0	552.31	5.0	44.0	547.31
PS-2	04/30/92	591.48	89.2	0.5	590.98	14.5	Not logged 8' - 15' depth			15.0	576.48	49.0	64.0	527.48	20.0	84.0	507.48
SB-1	04/07/92	590.00	15.5	0.0	590.00	> 15.5	----	-------	----	----	-------	----	----	-------	----	----	----
SB-2	04/08/92	590.00	16.0	0.0	590.00	14.0	14.0	576.00	> 2.0	----	-------	----	----	-------	----	----	----
SB-3	04/07/92	590.00	18.0	0.0	590.00	----	Log not descriptive enough to determine stratigraphic contacts						----	-------	----	----	----
SB-4	04/09/92	590.00	20.0	0.0	590.00	14.0	----	-------	----	14.0	576.00	> 6.0	----	-------	----	----	----
SB-5	04/08/92	590.00	18.0	0.0	590.00	----	Log not descriptive enough to determine stratigraphic contacts						----	-------	----	----	----
SB-6	04/09/92	590.00	26.0	0.0	590.00	20.0	Might be present			20.0	570.00	> 6.0	----	-------	----	----	----
SB-7	04/13/92	590.00	32.0	0.0	590.00	16.0	16.0	574.00	11.0	27.0	563.00	> 5.0	----	-------	----	----	----
SB-8	04/13/92	590.00	22.0	0.0	590.00	----	Log not descriptive enough to determine stratigraphic contacts						----	-------	----	----	----
SB-9	04/21/92	590.00	18.0	0.5	589.50	12.6	----	-------	----	13.1	576.90	> 4.9	----	-------	----	----	----
SB-10	04/22/92	590.00	14.0	0.5	589.50	11.5	----	-------	----	12.0	578.00	> 2.0	----	-------	----	----	----
SB-11	05/05/92	589.00	12.0	0.5	588.50	10.5	----	-------	----	11.0	578.00	> 1.0	----	-------	----	----	----

67

Notes:

*** = Surface elevations in feet above mean sea level.**
**** = Elevations adjusted to mean sea level using a conversion factor of 490.59 feet.**
● = Indicates that a monitoring well was installed.
amsl = above mean sea level.
bgs = Below ground surface.
NS = Not Surveyed.
N/A = Not Available.

Table 4-3
Stratigraphic Summary of the Iroquois Gas/Westwood Pharmaceuticals Site
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Notes (continued):

Green shaded depths: The log listed this unit as fill but the description matches that of the recent alluvium deposit.
Orange shaded elevations are from Tables 2-3 or 3-2 of the GeoTrans RI Report.
Purple shaded depths: The log listed this unit as fill but the description matches that of the native silty clay deposit.
Yellow shaded depths and elevations are suspect.
Note 1: Log is not descriptive enough to determine if the recent alluvium is present.

Table 5-1
Summary of Surface Soil Analytical Results from the 1989 FEDCO Site Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Point Sample Type Depth (in) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SS1 Fill 0.0 - 2.0 08/16/89	SS2 Fill 0.0 - 2.0 08/16/89	SS3 Fill 0.0 - 2.0 08/16/89	SS4 Fill 0.0 - 2.0 08/16/89	SS4 (Dup) Fill 0.0 - 2.0 08/16/89
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0					
1,1,2-Trichloroethane	NS	NS	NS	NS					
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0					
1,1-Dichloroethane	270.0	26,000	240,000	270.0					
1,1-Dichloroethene	330.0	100,000	500,000	330.0					
1,2-Dichloroethane	20.0	3,100	30,000	20.0					
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0					
Acetone	50.0	100,000	500,000	50.0					
Benzene	60.0	4,800	44,000	60.0					
Carbon Disulfide	NS	100,000 **	NS	2,700					
Chloroethane	NS	NS	NS	NS					
Ethylbenzene	1,000	41,000	390,000	1,000				470.0	
Methyl ethyl ketone	120.0	100,000	500,000	120.0					
Methylene chloride	50.0	100,000	500,000	50.0					
Styrene	NS	NS	NS	NS				5,600	
Tetrachloroethene	1,300	19,000	150,000	1,300	NA	NA	NA	NA	NA
Toluene	700.0	100,000	500,000	700.0				460.0	
Trichloroethene	470.0	21,000	200,000	470.0			320.0	350.0	
Vinyl chloride	20.0	900.0	13,000	20.0					
m,p-Xylene	NS	NS	NS	NS				500.0	470.0
o-Xylene	NS	NS	NS	NS				840.0	1,130
Xylene (Total)	260.0	100,000	500,000	1,600				**1,340**	**1,600**

Table 5-1
Summary of Surface Soil Analytical Results from the 1989 FEDCO Site Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (in) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SS1 Fill 0.0 - 2.0 08/16/89	SS2 Fill 0.0 - 2.0 08/16/89	SS3 Fill 0.0 - 2.0 08/16/89	SS4 Fill 0.0 - 2.0 08/16/89	SS4 (Dup) Fill 0.0 - 2.0 08/16/89
PCBs (µg/kg)									
Aroclor 1248	NS	NS	NS	NS	NA	NA	NA	NA	NA
Aroclor 1254	NS	NS	NS	NS	34,200	4,400			
Aroclor 1260	NS	NS	NS	NS	NA	NA	NA	NA	NA
Total PCBs	100.0	1,000	1,000	3,200	**34,200**	**4,400**			

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
µg/kg = micrograms per kilogram or parts per billion.
NA = Not analyzed.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Data was validated and accepted as accurate and complete with no qualifiers required.
List of contaminants were checked against the lab report on August 11, 2025.
Table checked by GMM on September 19, 2025.

Table 5-2
Summary of Surface Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SS-01 Unknown * 0.0 - 0.5 12/18/19	SS-02 Unknown * 0.0 - 0.5 12/18/19	SS-03 Unknown * 0.0 - 0.5 12/18/19	SS-04 Unknown * 0.0 - 0.5 12/19/19	SS-05 Unknown * 0.0 - 0.5 12/19/19
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NS	NS	NS	NS	"	"	"	"	"
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0	"	"	"	"	"
1,1-Dichloroethane	270.0	26,000	240,000	270.0	"	"	"	"	"
1,1-Dichloroethene	330.0	100,000	500,000	330.0	"	"	"	"	"
1,2-Dichloroethane	20.0	3,100	30,000	20.0	"	"	"	"	"
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0	"	"	"	"	"
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0	"	"	"	"	"
Acetone	50.0	100,000	500,000	50.0	"	"	"	"	"
Benzene	60.0	4,800	44,000	60.0	"	"	"	"	"
Carbon Disulfide	NS	100,000 **	NS	2,700	"	"	"	"	"
Chloroethane	NS	NS	NS	NS	"	"	"	"	"
Ethylbenzene	1,000	41,000	390,000	1,000	"	"	"	"	"
Methyl ethyl ketone	120.0	100,000	500,000	120.0	"	"	"	"	"
Methylene chloride	50.0	100,000	500,000	50.0	"	"	"	"	"
Styrene	NS	NS	NS	NS	"	"	"	"	"
Tetrachloroethene	1,300	19,000	150,000	1,300	"	"	"	"	"
Toluene	700.0	100,000	500,000	700.0	"	"	"	"	"
Trichloroethene	470.0	21,000	200,000	470.0	"	"	"	"	"
Vinyl chloride	20.0	900.0	13,000	20.0	"	"	"	"	"
m,p-Xylene	NS	NS	NS	NS	"	"	"	"	"
o-Xylene	NS	NS	NS	NS	"	"	"	"	"
Xylene (Total)	260.0	100,000	500,000	1,600	"	"	"	"	"

Table 5-2
Summary of Surface Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SS-01 Unknown * 0.0 - 0.5 12/18/19	SS-02 Unknown * 0.0 - 0.5 12/18/19	SS-03 Unknown * 0.0 - 0.5 12/18/19	SS-04 Unknown * 0.0 - 0.5 12/19/19	SS-05 Unknown * 0.0 - 0.5 12/19/19
Semi-Volatile Organic Compounds (µg/kg)									
2,4-Dimethylphenol	NS	NS	NS	NS					
2-Chlorophenol	NS	100,000 ●●	NS	NS					
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400					230 J
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0					
4-Chloro-3-Methylphenol	NS	NS	NS	NS					
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0					
Acenaphthene (PAH)	20,000	100,000	500,000	98,000					
Acenapthylene (PAH)	100,000	100,000	500,000	107,000					266 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000		1,270 J	2,070 J	1,740	1,870
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	328.0	**6,710 J**	**14,800 J**	**9,560**	**1,790**
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	308 J	**8,350 J**	**16,800 J**	**10,900**	**1,690**
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	367.0	**9,970 J**	**21,300 J**	**12,500**	**1,750**
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000		6,520 J	13,600 J	9,220	1,060
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700		**4,240 J**	**11,300 J**	**7,490**	**997.0**
Biphenyl	NS	NS	NS	NS					
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000					
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS					
Carbazole	NS	NS	NS	NS		1,950 J	4,030 J	1,860	337 J
Chrysene (PAH)	1,000	3,900	56,000	1,000	319.0	**7,310 J**	**17,600 J**	**10,400**	**1,600**
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000		**1,990 J**	**4,320 J**	**2,610**	**362.0**
Dibenzofuran	7,000	59,000	350,000	210,000					
Diethylphthalate	NS	100,000 ●●	NS	NS					
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS					
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS					
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	627.0	15,600 J	36,300 J	21,200	3,510
Fluorene (PAH)	30,000	100,000	500,000	386,000					

Table 5-2
Summary of Surface Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SS-01 Unknown * 0.0 - 0.5 12/18/19	SS-02 Unknown * 0.0 - 0.5 12/18/19	SS-03 Unknown * 0.0 - 0.5 12/18/19	SS-04 Unknown * 0.0 - 0.5 12/19/19	SS-05 Unknown * 0.0 - 0.5 12/19/19
Semi-Volatile Organic Compounds (continued)									
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200		**7,980 J**	**14,300 J**	**11,300**	**1,450**
Naphthalene (PAH)	12,000	100,000	500,000	12,000					297 J
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	321.0	6,350 J	11,900 J	7,700	1,940
Phenol	330.0	100,000	500,000	330.0			**776 J**		
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	392.0	10,700 J	24,800	14,700	2,380
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	92,000	14,000	2.01 J	1.99 JN		**6.55**	2.96 J
4,4'-DDE	3.3	8,900	62,000	17,000	**5.25**				**5.26 J**
4,4'-DDT	3.3	7,900	47,000	136,000	**7.22**	2.89 J		**3.93 JN**	**7.83 J**
Aldrin	5.0	97.0	680.0	190.0					
alpha-BHC	20.0	480.0	3,400	20.0					
alpha-Chlordane	94.0	4,200	24,000	2,900	2.99 JN		3.74 JN	5.16 JN	
beta-BHC	36.0	360.0	3,000	90.0			3.66 JN	3.18 JN	
delta-BHC	40.0	100,000	500,000	250.0		2.10 J		4.28 J	
gamma-BHC (Lindane)	100.0	1,300	9,200	100.0	1.71 J	1.83 JN	8.99 J	2.27 JN	2.80 JN
gamma-Chlordane	NS	540.0 ●●	NS	NS	1.80 J	2.50 J		5.16 JN	
Dieldrin	5.0	200.0	1,400	100.0	2.07 J				
Endosulfan I	2,400	24,000	200,000	102,000					
Endosulfan II	2,400	24,000	200,000	102,000					
Endosulfan Sulfate	2,400	24,000	200,000	1,000,000		4.52 J	6.47 J	12.4	
Endrin	14.0	11,000	89,000	60.0				3.19 JN	
Endrin Aldehyde	NS	NS	NS	NS		5.08	8.42		4.39
Endrin Ketone	NS	NS	NS	NS		2.46 JN	8.12 J	10.6 J	4.94 J
Heptachlor	42.0	2,100	15,000	380.0				5.36	2.78 J
Heptachlor Epoxide	NS	77.0 ●●	NS	NS					

Table 5-2
Summary of Surface Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SS-01 Unknown * 0.0 - 0.5 12/18/19	SS-02 Unknown * 0.0 - 0.5 12/18/19	SS-03 Unknown * 0.0 - 0.5 12/18/19	SS-04 Unknown * 0.0 - 0.5 12/19/19	SS-05 Unknown * 0.0 - 0.5 12/19/19
Pesticides (continued)									
Methoxychlor	NS	100,000 ●●	NS	NS		7.73	10.6 J	24.4	3.58 JN
Toxaphene	NS	NS	NS	NS					
2,4,5-TP (Silvex)	3,800	100,000	500,000	3,800					
PCBs (µg/kg)									
Aroclor 1232	NS	NS	NS	NS					
Aroclor 1242	NS	NS	NS	NS					
Aroclor 1248	NS	NS	NS	NS					
Aroclor 1254	NS	NS	NS	NS					
Aroclor 1260	NS	NS	NS	NS					38.1 J
Aroclor 1262	NS	NS	NS	NS					
Aroclor 1268	NS	NS	NS	NS					
Total PCBs	100.0	1,000	1,000	3,200					38.1 J
Metals (mg/kg)									
Antimony ■	NS	NS	NS	NS	NA	NA	NA	NA	NA
Arsenic ■	13.0	16.0	16.0	16.0	10.0	2.61	5.02	6.21	5.81
Barium	350.0	400.0	400.0	820.0	140.0	33.5	157.0	69.0	112.0
Beryllium ■	7.2	72.0	590.0	47.0	0.647			0.463	0.758
Cadmium ■	2.5	4.3	9.3	7.5	1.99	0.830	**5.26**	1.76	2.22
Chromium ■	30.0	180.0	1,500	NS	22.5	16.1	**68.3**	**32.6**	22.9
Cobalt	NS	30 ●●	NS	NS	NA	NA	NA	NA	NA
Copper ■	50.0	270.0	270.0	1,720	**73.3**	41.4	**243.0**	**343.0**	**105.0**
Total Cyanide	27.0	27.0	27.0	40.0			0.952		
Lead ■	63.0	400.0	1,000	450.0	**353.0**	50.5	**442.0**	**244.0**	**350.0**
Manganese	1,600	2,000	10,000	2,000	337.0	551.0	808.0	464.0	786.0
Mercury ■	0.18	0.81	2.80	0.73	**0.206**	0.0222	0.104	0.178	0.142

Table 5-2
Summary of Surface Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SS-01 Unknown * 0.0 - 0.5 12/18/19	SS-02 Unknown * 0.0 - 0.5 12/18/19	SS-03 Unknown * 0.0 - 0.5 12/18/19	SS-04 Unknown * 0.0 - 0.5 12/19/19	SS-05 Unknown * 0.0 - 0.5 12/19/19
Metals (continued)									
Nickel	30.0	310.0	310.0	130.0	22.7	15.5	**61.9**	17.2	23.9
Selenium ■	3.9	180.0	1,500	4.0	0.727		**6.10**	0.683	0.984
Silver ■	2.0	180.0	1,500	8.3	0.472	0.387	**2.27**	0.798	1.40
Thallium	NS	NS	NS	NS	NA	NA	NA	NA	NA
Titanium	NS	NS	NS	NS	NA	NA	NA	NA	NA
Vanadium	NS	100 ●●	NS	NS	NA	NA	NA	NA	NA
Zinc ■	109.0	10,000	10,000	2,480	**322.0**	**469.0**	**1,100**	**473.0**	**342.0**

Notes:

*** = Descriptions of the surface soil samples were not given in the BCP RI Report.**
● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
■ = Environmental Protection Agency priority pollutant metal.
µg/kg = micrograms per kilogram or parts per billion.
mg/kg = milligrams per kilogram or parts per million.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.
NA = Not analyzed.
ND = Not detected. Used to denote PCB results only.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Table 5-2
Summary of Surface Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

GMM checked this table against the lab reports on September 23, 2025.

GMM checked this table against the DUSRs on September 23, 2025. The following should be noted:

1. **The SVOC data sheets for samples SS-01 and SS-05 with the validator's qualifiers were not in the DUSRs.**
2. **The PCB data sheets for samples SS-01, SS-02, and SS-04 with the validator's qualifiers were not in the DUSRs.**
3. **The metal data sheets with the validator's qualifiers were not in the DUSRs.**

Table 5-3
Summary of Surface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Unrestricted SGVs ●	NYSDEC Restricted Residential SGVs ●	NYSDEC Commercial SGVs ●	NYSDEC Groundwater Protection SGVs ●	SS-01 Unknown * 0.0 - 0.5 12/18/19	SS-02 Unknown * 0.0 - 0.5 12/18/19	SS-03 Unknown * 0.0 - 0.5 12/18/19	SS-04 Unknown * 0.0 - 0.5 12/19/19	SS-05 Unknown * 0.0 - 0.5 12/19/19
Perfluoroalkyl Carboxylic Acids (µg/kg)									
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	NS	0.175 J	0.049 J	0.258 J	0.054 J	0.151 J
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	NS	0.454 J		0.159 J	0.051 J	0.119 J
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	NS					
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	NS	0.194 J		0.104 J		0.090 J
Perfluorooctanoic Acid (PFOA)	0.66 G	33.0 G	500 G	0.8 G	0.569 J	0.096 J	0.257 J	0.057 J	0.410 J
Perfluorononanoic Acid (PFNA)	NS	NS	NS	NS	0.194 J		0.246 J		0.221 J
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	NS	0.321 J	0.089 J	0.358 J	0.133 J	0.123 J
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	NS	0.132 J	0.064 J	0.362 J	0.161 J	0.106 J
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	NS	0.249 J	0.084 J	0.330 J	0.199 J	
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	NS					
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	NS	0.126 J	0.068 J	0.211 J	0.096 J	
Perfluoroalkyl Sulfonic Acids (µg/kg)									
Perfluorobutanesulfonic Acid (PFBS)	NS	NS	NS	NS					
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	NS					
Perfluoroheptanesulfonic Acid (PFHpS)	NS	NS	NS	NS					
Perfluorooctanesulfonic Acid (PFOS)	0.88 G	44.0 G	440 G	1.0 G	**2.24**	0.173 J	0.866 J	0.448 J	**2.08**
Perfluorodecanesulfonic Acid (PFDS)	NS	NS	NS	NS				0.170 J	
Fluorotelomer Sulfonic Acids (µg/kg)									
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	NS	NS	NS	NS					
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	NS	NS	NS	NS					
Perfluorooctane Sulfonamides (µg/kg)									
Perfluorooctanesulfonamide (PFOSA)	NS	NS	NS	NS					
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NS	NS	NS	NS					
Perfluorooctane Sulfonamidoacetic Acids (µg/kg)									
N-Ethyl Perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	NS	NS	0.180 J				
1,4-Dioxane (mg/kg)									
1,4-Dioxane	0.1	13.0	130.0	0.1					

Table 5-3
Summary of Surface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

*** = Descriptions of the surface soil samples were not given in the BCP RI Report.**

● = Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, NYSDEC, April 2023; or 6 NYCRR Part 375: Environmental Remediation Programs, Soil Cleanup Objectives, NYSDEC, 2006.

SGVs = Soil guidance values.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

G = Guidance value.

J = Compound reported at an estimated concentration below the reporting limit.

NA = Not analyzed.

NS = No standard or guidance value available.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the NYSDEC unrestricted and groundwater protection soil guidance values, but not the commercial soil guidance values.

Yellow shaded values exceed the NYSDEC restricted residential soil guidance values but not the commercial soil guidance values.

Gray shaded values exceed the NYSDEC restricted residential and groundwater protection soil guidance values, but not the commercial soil guidance values.

Orange shaded values exceed the NYSDEC commercial soil guidance values but not the groundwater protection soil guidance values.

Green shaded values exceed the NYSDEC commercial and the groundwater protection soil guidance values.

GMM checked this table against the lab reports on September 23, 2025.

This table was modified by GMM on September 24, 2025 with the data validator's qualifiers. The following should be noted:

1. **The 1,4-dioxane data sheets with the validator's qualifiers were not in the DUSRs.**

Table 5-4
Summary of Subsurface Soil Analytical Results from the 1989 FEDCO Site Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	MW-1 Fill 0.0' - 12.0' 08/16/89	MW-2 Fill 0.0' - 11.0' 08/16/89		
Volatile Organic Compounds (µg/kg)								
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0				
1,1,2-Trichloroethane	NS	NS	NS	NS				
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0				
1,1-Dichloroethane	270.0	26,000	240,000	270.0				
1,1-Dichloroethene	330.0	100,000	500,000	330.0				
1,2-Dichloroethane	20.0	3,100	30,000	20.0				
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0	NA	NA		
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0				
Acetone	50.0	100,000	500,000	50.0				
Benzene	60.0	4,800	44,000	60.0				
Carbon Disulfide	NS	100,000 **	NS	2,700				
Chloroethane	NS	NS	NS	NS				
Ethylbenzene	1,000	41,000	390,000	1,000				
Methyl ethyl ketone	120.0	100,000	500,000	120.0				
Methylene chloride	50.0	100,000	500,000	50.0		**610.0**		
Styrene	NS	NS	NS	NS				
Tetrachloroethene	1,300	19,000	150,000	1,300				
Toluene	700.0	100,000	500,000	700.0				
Trichloroethene	470.0	21,000	200,000	470.0		**15,000**		
Vinyl chloride	20.0	900.0	13,000	20.0				
m,p-Xylene	NS	NS	NS	NS				
o-Xylene	NS	NS	NS	NS				
Xylene (Total)	260.0	100,000	500,000	1,600				

Table 5-4
Summary of Subsurface Soil Analytical Results from the 1989 FEDCO Site Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	MW-1 Fill 0.0' - 12.0' 08/16/89	MW-2 Fill 0.0' - 11.0' 08/16/89		
PCBs (µg/kg)								
Aroclor 1248	NS	NS	NS	NS	NA	NA		
Aroclor 1254	NS	NS	NS	NS		170.0		
Aroclor 1260	NS	NS	NS	NS	NA	NA		
Total PCBs	100.0	10,000	10,000	3,200		**170.0**		

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
µg/kg = micrograms per kilogram or parts per billion.
NA = Not analyzed.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.
Gray shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives and the protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives and the protection of groundwater soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Data was validated and accepted as accurate and complete with no qualifiers required.
List of contaminants were checked against the lab report on August 11, 2025.
Table checked by GMM on September 30, 2025.

Table 5-5A
Summary of Subsurface Fill & Soil VOC Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-1A GW-1 Fill 0.0 - 2.0 09/26/90	SB-1B GW-1 Fill 2.0 - 4.0 09/26/90	SB-1C GW-1 RBSC * 4.0 - 6.0 09/26/90	SB-1D GW-1 RBSC * 6.0 - 8.0 09/26/90	SB-2A GW-2 Fill 0.0 - 2.0 09/26/90
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0	2.0				**2,800 J**
1,1,2-Trichloroethane	NS	NS	NS	NS					3.0 J
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0					
1,1-Dichloroethane	270.0	26,000	240,000	270.0					**700 J**
1,1-Dichloroethene	330.0	100,000	500,000	330.0					9.0
1,2-Dichloroethane	20.0	3,100	30,000	20.0					7.0
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0					
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0					
1,2-Dichloroethene (Total)	NS	NS	NS	NS					
Benzene	60.0	4,800	44,000	60.0					
Carbon Disulfide	NS	100,000 **	NS	2,700					
Chloroethane	NS	NS	NS	NS					
Ethylbenzene	1,000	41,000	390,000	1,000		3.0			36.0
Methyl ethyl ketone	120.0	100,000	500,000	120.0					
Styrene	NS	NS	NS	NS					
Tetrachloroethene	1,300	19,000	150,000	1,300					
Toluene	700.0	100,000	500,000	700.0					
Trichloroethene	470.0	21,000	200,000	470.0	14.0	19.0			8.0
Vinyl chloride	20.0	900.0	13,000	20.0					
Xylene (Total)	260.0	100,000	500,000	1,600		8.0			**720.0**
Total Chlorinated VOCs	NS	NS	NS	NS	16.0	19.0			3,527

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

*** = Reddish brown silty clay.**

**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**

Table 5-5A
Summary of Subsurface Fill & Soil VOC Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.
Table checked by GMM on July 7, 2025.

Table 5-5B
Summary of Subsurface Fill & Soil VOC Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-2B GW-2 Fill 2.0 - 4.0 09/26/90	SB-2C GW-2 Fill 4.0 - 6.0 09/26/90	SB-3A GW-3 Fill 0.0 - 2.0 09/25/90	SB-3B GW-3 Fill 2.0 - 4.0 09/25/90	SB-3C GW-3 Fill 4.0 - 6.0 09/25/90
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0	**1,700 J**	**1,600 J**			
1,1,2-Trichloroethane	NS	NS	NS	NS	4.0 J				
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0					
1,1-Dichloroethane	270.0	26,000	240,000	270.0	**810 J**	**1,100 J**			
1,1-Dichloroethene	330.0	100,000	500,000	330.0	16.0	16.0 J			
1,2-Dichloroethane	20.0	3,100	30,000	20.0		7.0 J			
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0					
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0					
1,2-Dichloroethene (Total)	NS	NS	NS	NS	150.0				
Benzene	60.0	4,800	44,000	60.0					
Carbon Disulfide	NS	100,000 **	NS	2,700					
Chloroethane	NS	NS	NS	NS	54.0				
Ethylbenzene	1,000	41,000	390,000	1,000	38.0	40.0			
Methyl ethyl ketone	120.0	100,000	500,000	120.0					
Styrene	NS	NS	NS	NS					
Tetrachloroethene	1,300	19,000	150,000	1,300					
Toluene	700.0	100,000	500,000	700.0	2.0 J		15.0 J		2.0 J
Trichloroethene	470.0	21,000	200,000	470.0	**630 J**	10.0 J	11.0 J	6.0	
Vinyl chloride	20.0	900.0	13,000	20.0	8.0 J				
Xylene (Total)	260.0	100,000	500,000	1,600	**500 J**	220.0	3.0 J		
Total Chlorinated VOCs	NS	NS	NS	NS	3,372 J	2,733 J	11.0 J	6.0	

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**

µg/kg = micrograms per kilogram or parts per billion.

Table 5-5B
Summary of Subsurface Fill & Soil VOC Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.
Table checked by GMM on July 7, 2025.

Table 5-5C
Summary of Subsurface Fill & Soil VOC Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-3D GW-3 RBSC * 11.0 - 13.0 09/25/90	SB-4A B-1 Fill 0.0 - 2.0 09/25/90	SB-4B B-1 RBSC * 2.0 - 4.0 09/25/90	SB-4C B-1 RBSC * 4.0 - 6.0 09/25/90	SB-4D B-1 RBSC * 6.0 - 8.0 09/25/90
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0					2.0 J
1,1,2-Trichloroethane	NS	NS	NS	NS					
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0					
1,1-Dichloroethane	270.0	26,000	240,000	270.0					
1,1-Dichloroethene	330.0	100,000	500,000	330.0					
1,2-Dichloroethane	20.0	3,100	30,000	20.0					
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0					
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0					
1,2-Dichloroethene (Total)	NS	NS	NS	NS		5.0 J	10.0	40.0	120.0
Benzene	60.0	4,800	44,000	60.0					
Carbon Disulfide	NS	100,000 **	NS	2,700					
Chloroethane	NS	NS	NS	NS					
Ethylbenzene	1,000	41,000	390,000	1,000					
Methyl ethyl ketone	120.0	100,000	500,000	120.0					
Styrene	NS	NS	NS	NS					
Tetrachloroethene	1,300	19,000	150,000	1,300					
Toluene	700.0	100,000	500,000	700.0					
Trichloroethene	470.0	21,000	200,000	470.0		80.0	81.0	220.0	**590 J**
Vinyl chloride	20.0	900.0	13,000	20.0					
Xylene (Total)	260.0	100,000	500,000	1,600					
Total Chlorinated VOCs	NS	NS	NS	NS		85.0 J	91.0	260.0	712 J

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

*** = Reddish brown silty clay.**

**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**

Table 5-5C
Summary of Subsurface Fill & Soil VOC Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.
Table checked by GMM on July 7, 2025.

Table 5-6A
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-01 Fill 1.0 - 4.0 12/17/19	BH-01 RB Clay * 6.0 - 8.0 12/17/19	BH-02 Fill 1.0 - 2.0 12/18/19	BH-03 Fill 1.0 - 4.0 12/18/19	BH-04 Fill 1.0 - 3.0 12/17/19
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0					
1,1,2-Trichloroethane	NS	NS	NS	NS					
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0					
1,1-Dichloroethane	270.0	26,000	240,000	270.0					
1,1-Dichloroethene	330.0	100,000	500,000	330.0					
1,2-Dichloroethane	20.0	3,100	30,000	20.0					
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0		22.4	**66,100**	37.9 J	**8,390**
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0	83.5	31.4		43.0	153 J
1,2-Dichloroethene (Total)	NS	NS	NS	NS					
Acetone	50.0	100,000	500,000	50.0					
Benzene	60.0	4,800	44,000	60.0					
Carbon Disulfide	NS	100,000 **	NS	2,700					
Chloroethane	NS	NS	NS	NS					
Ethylbenzene	1,000	41,000	390,000	1,000					
Methyl ethyl ketone	120.0	100,000	500,000	120.0					
Methylene chloride	50.0	100,000	500,000	50.0					
Styrene	NS	NS	NS	NS					
Tetrachloroethene	1,300	19,000	150,000	1,300					
Toluene	700.0	100,000	500,000	700.0					
Trichloroethene	470.0	21,000	200,000	470.0	10.0	8.24	**189,000**	77.0	**1,360**
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600					
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400					
Vinyl chloride	20.0	900.0	13,000	20.0			**2,120 J**		**355.0**
m,p-Xylene	NS	NS	NS	NS					
o-Xylene	NS	NS	NS	NS					
Xylene (Total)	260.0	100,000	500,000	1,600					
Total Chlorinated VOCs	NS	NS	NS	NS	93.5	62.04	257,220 J	157.9 J	10,258 J

Table 5-6A
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Table checked by GMM on July 8, 2025 and updated with validator's qualifiers.

Table 5-6B
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-05 Fill 1.0 - 4.0 12/18/19	BH-06 Fill 1.0 - 4.0 12/18/19	BH-08 Fill 1.0 - 3.0 12/17/19	BH-08 RB Clay * 10.0 - 12.0 12/17/19	BH-10 Fill 1.0 - 2.0 12/18/19
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0					
1,1,2-Trichloroethane	NS	NS	NS	NS					
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0					
1,1-Dichloroethane	270.0	26,000	240,000	270.0					
1,1-Dichloroethene	330.0	100,000	500,000	330.0					
1,2-Dichloroethane	20.0	3,100	30,000	20.0					
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0					**4,590**
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0	42.9 J	6.76	15.0 (8.0 J)	9.0	**443 J**
1,2-Dichloroethene (Total)	NS	NS	NS	NS					
Acetone	50.0	100,000	500,000	50.0			15.8 J (46.6 J)	30.5	
Benzene	60.0	4,800	44,000	60.0					
Carbon Disulfide	NS	100,000 **	NS	2,700				2.97 J	
Chloroethane	NS	NS	NS	NS					
Ethylbenzene	1,000	41,000	390,000	1,000					
Methyl ethyl ketone	120.0	100,000	500,000	120.0					
Methylene chloride	50.0	100,000	500,000	50.0					
Styrene	NS	NS	NS	NS					
Tetrachloroethene	1,300	19,000	150,000	1,300					
Toluene	700.0	100,000	500,000	700.0					
Trichloroethene	470.0	21,000	200,000	470.0	89.1	3.82 J			**8,120**
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600					
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400					
Vinyl chloride	20.0	900.0	13,000	20.0			**(22.2 J)**		
m,p-Xylene	NS	NS	NS	NS					745 J
o-Xylene	NS	NS	NS	NS					
Xylene (Total)	260.0	100,000	500,000	1,600					**745 J**
Total Chlorinated VOCs	NS	NS	NS	NS	132.0 J	10.58 J	37.2 J	9.0	13,153 J

Table 5-6B
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Table checked by GMM on July 8, 2025 and updated with validator's qualifiers.

Table 5-6C
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-11 Fill 1.0 - 4.0 12/19/19	BH-11 RB Clay * 6.0 - 8.0 12/19/19	BH-12 Fill 1.0 - 2.0 12/19/19	BH-13 Fill 1.0 - 2.0 12/18/19	TP-14 RB Clay * 8.0 - 9.0 01/08/20
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0					
1,1,2-Trichloroethane	NS	NS	NS	NS					
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0					
1,1-Dichloroethane	270.0	26,000	240,000	270.0					
1,1-Dichloroethene	330.0	100,000	500,000	330.0					
1,2-Dichloroethane	20.0	3,100	30,000	20.0					
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0				4.48 J	
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0	5.39			10.1	3.22 J
1,2-Dichloroethene (Total)	NS	NS	NS	NS					
Acetone	50.0	100,000	500,000	50.0	15.1 J			22.4 J	
Benzene	60.0	4,800	44,000	60.0					
Carbon Disulfide	NS	100,000 **	NS	2,700	2.32 J				
Chloroethane	NS	NS	NS	NS					
Ethylbenzene	1,000	41,000	390,000	1,000			582 J		
Methyl ethyl ketone	120.0	100,000	500,000	120.0					
Methylene chloride	50.0	100,000	500,000	50.0					
Styrene	NS	NS	NS	NS					
Tetrachloroethene	1,300	19,000	150,000	1,300					
Toluene	700.0	100,000	500,000	700.0					
Trichloroethene	470.0	21,000	200,000	470.0				13.9	
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600	3.07 J		125 J		
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400					
Vinyl chloride	20.0	900.0	13,000	20.0					
m,p-Xylene	NS	NS	NS	NS	3.18 J		112 J		
o-Xylene	NS	NS	NS	NS					
Xylene (Total)	260.0	100,000	500,000	1,600	3.18 J		112 J		
Total Chlorinated VOCs	NS	NS	NS	NS	5.39			28.48 J	3.22 J

Table 5-6C
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

- **● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.**
- *** = Reddish brown clay.**
- **** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
- **µg/kg = micrograms per kilogram or parts per billion.**
- **J = Compound is positively identified and reported at an estimated concentration below the reporting limit.**
- **NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.**
- **Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.**
- **Some gasoline constituents detected in sample BH-12 are not included in this table.**
- **Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.**
- **Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.**
- **Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.**
- **Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.**
- **Red shaded values exceed the CP-51 residential soil cleanup objectives.**
- **Table checked by GMM on July 8, 2025 and updated with validator's qualifiers.**

Table 5-6D
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	TP-16 Fill 1.0 - 3.0 01/08/20	TP-17 RB Clay * 3.0 - 4.0 01/08/20	MW-4 RB Clay * 12.0 - 13.0 01/14/20	SSB-1 Fill 0.0 - 4.0 03/18/20	SSB-2 RB Clay * 6.0 - 8.0 03/18/20
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0					
1,1,2-Trichloroethane	NS	NS	NS	NS					
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0					
1,1-Dichloroethane	270.0	26,000	240,000	270.0					
1,1-Dichloroethene	330.0	100,000	500,000	330.0					
1,2-Dichloroethane	20.0	3,100	30,000	20.0					
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0					
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0	2.85 J				
1,2-Dichloroethene (Total)	NS	NS	NS	NS					
Acetone	50.0	100,000	500,000	50.0					
Benzene	60.0	4,800	44,000	60.0					
Carbon Disulfide	NS	100,000 **	NS	2,700					
Chloroethane	NS	NS	NS	NS					
Ethylbenzene	1,000	41,000	390,000	1,000					
Methyl ethyl ketone	120.0	100,000	500,000	120.0					
Methylene chloride	50.0	100,000	500,000	50.0					
Styrene	NS	NS	NS	NS					
Tetrachloroethene	1,300	19,000	150,000	1,300					
Toluene	700.0	100,000	500,000	700.0					
Trichloroethene	470.0	21,000	200,000	470.0		38.3	**36,100**	**1,700**	**798.0**
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600					
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400					
Vinyl chloride	20.0	900.0	13,000	20.0					
m,p-Xylene	NS	NS	NS	NS					
o-Xylene	NS	NS	NS	NS					
Xylene (Total)	260.0	100,000	500,000	1,600					
Total Chlorinated VOCs	NS	NS	NS	NS	2.85 J	38.3	36,100	1,700	798.0

Table 5-6D
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

- **● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.**
- *** = Reddish brown silty clay.**
- **** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
- **µg/kg = micrograms per kilogram or parts per billion.**
- **J = Compound is positively identified and reported at an estimated concentration below the reporting limit.**
- **NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.**
- **Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.**
- **Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.**
- **Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.**
- **Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.**
- **Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.**
- **Red shaded values exceed the CP-51 residential soil cleanup objectives.**
- **Table checked by GMM on July 8, 2025 and updated with validator's qualifiers. Samples SSB-1 & SSB-2 are the exception; DUSRs for these samples were not included in the BCP RI Report.**

Table 5-6E
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SSB-2 RB Clay * 9.0 - 11.0 03/18/20	SSB-3 RB Clay * 10.0 - 11.0 03/19/20	SSB-4 RB Clay * 10.0 - 12.0 03/19/20	SSB-5 RB Clay * 6.0 - 7.0 03/19/20	
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0					
1,1,2-Trichloroethane	NS	NS	NS	NS	88.6 J	237.0			
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0					
1,1-Dichloroethane	270.0	26,000	240,000	270.0					
1,1-Dichloroethene	330.0	100,000	500,000	330.0					
1,2-Dichloroethane	20.0	3,100	30,000	20.0					
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0				43.8 J	
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0					
1,2-Dichloroethene (Total)	NS	NS	NS	NS					
Acetone	50.0	100,000	500,000	50.0					
Benzene	60.0	4,800	44,000	60.0					
Carbon Disulfide	NS	100,000 **	NS	2,700					
Chloroethane	NS	NS	NS	NS					
Ethylbenzene	1,000	41,000	390,000	1,000					
Methyl ethyl ketone	120.0	100,000	500,000	120.0					
Methylene chloride	50.0	100,000	500,000	50.0					
Styrene	NS	NS	NS	NS					
Tetrachloroethene	1,300	19,000	150,000	1,300					
Toluene	700.0	100,000	500,000	700.0					
Trichloroethene	470.0	21,000	200,000	470.0	**4,570**	**4,850**	**1,980,000**	**634.0**	
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600					
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400					
Vinyl chloride	20.0	900.0	13,000	20.0					
m,p-Xylene	NS	NS	NS	NS					
o-Xylene	NS	NS	NS	NS					
Xylene (Total)	260.0	100,000	500,000	1,600					
Total Chlorinated VOCs	NS	NS	NS	NS	4,658.6 J	5,087	1,980,000	677.8 J	

Table 5-6E
Summary of Subsurface Fill & Soil VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
DUSRs for these samples were not included in the BCP RI Report.
Table checked by GMM on July 8, 2025.

Table 5-7
Summary of Subsurface Fill & Soil VOC Analytical Results from the Bike Path Soil Borings
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-100 Silty Clay 26.0' - 27.0' 09/18/20	SB-103 Sand 22.0' - 22.5' 09/18/20	SB-106 Foundry Sand 17.0' - 18.0' 09/18/20
Volatile Organic Compounds (µg/kg)							
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0			
1,1,2-Trichloroethane	NS	NS	NS	NS			
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0			
1,1-Dichloroethane	270.0	26,000	240,000	270.0			
1,1-Dichloroethene	330.0	100,000	500,000	330.0			
1,2-Dichloroethane	20.0	3,100	30,000	20.0			
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0			
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0			
1,4-Dioxane	100.0	13,000	130,000	100.0			
Acetone	50.0	100,000	500,000	50.0			
Benzene	60.0	4,800	44,000	60.0	**29,000**	**390 J**	
Carbon Disulfide	NS	100,000 **	NS	2,700			
Chloroethane	NS	NS	NS	NS			
Cyclohexane	NS	NS	NS	NS			
Ethylbenzene	1,000	41,000	390,000	1,000	**240,000**	**26,000**	
Isopropylbenzene	NS	100,000 **	NS	NS	7,900	2,300	
Methyl ethyl ketone	120.0	100,000	500,000	120.0			
Methylcyclohexane	NS	NS	NS	NS			
Methylene chloride	50.0	100,000	500,000	50.0			**3,800 B**
Naphthalene (PAH)	12,000	100,000	500,000	12,000			
n-Propylbenzene	3,900	100,000	500,000	3,900			
n-Butylbenzene	NS	NS	NS	NS			
p-Isopropyltoluene	NS	NS	NS	NS			
sec-Butylbenzene	11,000	100,000	500,000	11,000			
Styrene	NS	NS	NS	NS	18,000		
Tetrachloroethene	1,300	19,000	150,000	1,300			

Table 5-7
Summary of Subsurface Fill & Soil VOC Analytical Results from the Bike Path Soil Borings
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-100 Silty Clay 26.0' - 27.0' 09/18/20	SB-103 Sand 22.0' - 22.5' 09/18/20	SB-106 Foundry Sand 17.0' - 18.0' 09/18/20
Volatile Organic Compounds (continued)							
Toluene	700.0	100,000	500,000	700.0	**110,000**	500 J	
Trichloroethene	470.0	21,000	200,000	470.0			
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600			
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400			
Vinyl chloride	20.0	900.0	13,000	20.0			
m,p-Xylene	NS	NS	NS	NS			
o-Xylene	NS	NS	NS	NS			
Xylene (Total)	260.0	100,000	500,000	1,600	**190,000**	**18,000**	
Total Chlorinated VOCs	NS	NS	NS	NS			

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**

µg/kg = micrograms per kilogram or parts per billion.

B = Analyte detected in the associated blank, as well as in the sample (organics).

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Blue shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

This table was in the 31 Tonawanda Street Off-Site Remedial Investigation Report so it would have been checked.

Table 5-8A
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-01					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	Reworked	Reworked	Alluvium	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	4.0 - 5.0	7.0 - 9.0	10.0 - 15.0	17.0 - 19.0	21.0 - 23.0	28.0 - 30.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0	1.2					
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0			1.9			
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0	16.0	19.0	28.0	39.0		
Benzene	60.0	4,800	44,000	60.0						
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000		7.2				
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS	1.0			1.4	1.4	0.80
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0		0.84	0.72	1.5	0.92	0.48

Table 5-8A
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-01 Fill 4.0 - 5.0 11/03/25	SB-VOC-01 Reworked 7.0 - 9.0 11/03/25	SB-VOC-01 Reworked 10.0 - 15.0 11/03/25	SB-VOC-01 Alluvium 17.0 - 19.0 11/03/25	SB-VOC-01 RBSC * 21.0 - 23.0 11/03/25	SB-VOC-01 RBSC * 28.0 - 30.0 11/03/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0	90.0	1.5	5.4	1.6		
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS						
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600						
Total Chlorinated VOCs	NS	NS	NS	NS	91.2	1.5	7.3	1.6	0.0	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8B
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-02					
					Fill 3.0 - 5.0 10/31/25	Reworked 7.0 - 9.0 10/31/25	Alluvium 14.0 - 15.0 10/31/25	Alluvium 19.0 - 20.0 10/31/25	Alluvium 22.0 - 24.0 10/31/25	Alluvium 25.0 - 27.0 10/31/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0	36.0					
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0	1.5 J					
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0	3.9 J					
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0		25.0 J	**63.0 J**			
Benzene	60.0	4,800	44,000	60.0				**1,000**	**260,000**	**750,000**
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000				**2,700**	**950,000**	**2,300,000**
Isopropylbenzene	NS	100,000 **	NS	2,300				72.0 J		**70,000 J**
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS				170 J		
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS						
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS					63,000 J	170,000 J
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0			2.2 J	37.0 J	**610,000**	**1,700,000**

Table 5-8B
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-02					
					Fill 3.0 - 5.0 10/31/25	Reworked 7.0 - 9.0 10/31/25	Alluvium 14.0 - 15.0 10/31/25	Alluvium 19.0 - 20.0 10/31/25	Alluvium 22.0 - 24.0 10/31/25	Alluvium 25.0 - 27.0 10/31/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS				190 J		
1,2,4-Trichlorobenzene	NS	NS	NS	3,400				130 J		
Trichloroethene	470.0	21,000	200,000	470.0	54.0					
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600				230 J	**250,000**	**480,000**
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400					**94,000 J**	**190,000 J**
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS					490,000	1,100,000
o-Xylene	NS	NS	NS	NS				66.0 J	220,000 J	510,000
Xylene (Total)	260.0	100,000	500,000	1,600				66.0 J	**710,000 J**	**1,610,000**
Total Chlorinated VOCs	NS	NS	NS	NS	95.4 J	0.0	0.0	0.0	0.0	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8C
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-03					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	Reworked	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	3.0 - 5.0	7.0 - 9.0	13.0 - 15.0	17.0 - 19.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0						
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0		21.0 J				
Benzene	60.0	4,800	44,000	60.0						3.1
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS	2.5 J	1.3 J		1.8 J	1.6 J	1.2
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0	1.1 J	0.71 J		1.6 J	0.87 J	1.3 J

Table 5-8C
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-03					
					Fill 3.0 - 5.0 10/31/25	Reworked 7.0 - 9.0 10/31/25	RBSC * 13.0 - 15.0 10/31/25	RBSC * 17.0 - 19.0 10/31/25	RBSC * 22.0 - 24.0 10/31/25	RBSC * 25.0 - 27.0 10/31/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0						
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS						
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600						
Total Chlorinated VOCs	NS	NS	NS	NS	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8D
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring Number					SB-VOC-04				SB-VOC-04B ♠	
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Fill	Alluvium	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	3.0 - 5.0	14.0 - 15.0	16.0 - 18.0	20.0 - 25.0	20.0 - 25.0	25.0 - 30.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/12/25	11/12/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0	2.2					
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0					1.1 J	
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0	1.5					
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0			30.0			
Benzene	60.0	4,800	44,000	60.0	0.99	**13,000**	25.0	**2,000**	45.0 J	0.97 J
n-Butylbenzene	12,000	100,000	500,000	12,000			14.0			
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000		**37,000**	43.0	**15,000**	8.6 J	1.4 J
Isopropylbenzene	NS	100,000 **	NS	2,300		**13,000**	35.0	1,200		
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000		3,500	7.7	480.0		
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS	4.3				1.9 J	1.4 J
n-Propylbenzene	3,900	100,000	500,000	3,900		**5,600**	16.0	460.0		
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0	1.7		0.79	400.0	1.9 J	0.89 J

Table 5-8D
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-04				SB-VOC-04B ♠	
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Fill	Alluvium	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	3.0 - 5.0	14.0 - 15.0	16.0 - 18.0	20.0 - 25.0	20.0 - 25.0	25.0 - 30.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/12/25	11/12/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0	6.8			210.0		
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600	1.1	**54,000**	120.0	**5,800**	2.6	
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400		6,700	16.0	1,400		
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS	1.4		2.4	2,200	2.0 J	
o-Xylene	NS	NS	NS	NS	0.60	22,000	40.0	3,200	2.6	
Xylene (Total)	260.0	100,000	500,000	1,600	2.0	**22,000**	42.4	**5,400**	2.6	
Total Chlorinated VOCs	NS	NS	NS	NS	10.5	0.0	0.0	210.0	1.1 J	0.0

Notes:

♠ = The macro-core sampler was lost in soil boring SB-VOC-04 so the location was moved approximately 5 feet to the west and the soil boring SB-VOC-04B Completed. Coal tar was encountered in soil boring SB-VOC-04 but not in soil boring SB-VOC-04B, which is reflected by the results in the 2 borings.

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

*** = Reddish brown silty clay.**

**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**

♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

µg/kg = micrograms per kilogram or parts per billion.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.

Table 5-8D
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Red shaded values exceed the CP-51 residential soil cleanup objectives.

Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Results for soil boring SB-VOC-04B checked by GMM on July 13, 2026 and updated with the validator's qualifiers.

The DUSR for the samples from soil boring SB-VOC-04 was not received in time to check these results against the data validator's qualifiers.

Table 5-8E
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-05					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	Fill	Alluvium	Alluvium	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	4.0 - 5.0	7.0 - 9.0	12.0 - 14.0	15.0 - 17.0	22.0 - 24.0	29.0 - 30.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0		2.4				
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0		12.0 J		29.0 J		
Benzene	60.0	4,800	44,000	60.0						
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS	0.61 J			1.6 J	0.73 J	1.2 J
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0	0.45 J			1.4 J		0.55 J

Table 5-8E
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-05					
					Fill 4.0 - 5.0 10/31/25	Fill 7.0 - 9.0 10/31/25	Alluvium 12.0 - 14.0 10/31/25	Alluvium 15.0 - 17.0 10/31/25	RBSC * 22.0 - 24.0 10/31/25	RBSC * 29.0 - 30.0 10/31/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0		3.4				
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS						
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600						
Total Chlorinated VOCs	NS	NS	NS	NS	0.0	5.8	0.0	0.0	0.0	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8F
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-06					
					Fill ♠ 0.0 - 2.0 10/30/25	RBSC * 8.0 - 10.0 10/30/25	RBSC * 10.0 - 12.0 10/30/25	RBSC * 16.0 - 18.0 10/30/25	RBSC * 22.0 - 24.0 10/30/25	
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0						
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0		14.0				
Benzene	60.0	4,800	44,000	60.0						
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000	720.0					
Isopropylbenzene	NS	100,000 **	NS	2,300	540.0					
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS	4,000	1.9		0.60	1.0	
n-Propylbenzene	3,900	100,000	500,000	3,900	140.0					
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0		0.65				

Table 5-8F
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-06					
					Fill ♠ 0.0 - 2.0 10/30/25	RBSC * 8.0 - 10.0 10/30/25	RBSC * 10.0 - 12.0 10/30/25	RBSC * 16.0 - 18.0 10/30/25	RBSC * 22.0 - 24.0 10/30/25	
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0						
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600	98.0					
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS	410.0	0.96				
o-Xylene	NS	NS	NS	NS	85.0					
Xylene (Total)	260.0	100,000	500,000	1,600	**495.0**	0.96				
Total Chlorinated VOCs	NS	NS	NS	NS	0.0	0.0	0.0	0.0	0.0	

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
♠ = Fill and reworked silty clay. * = Reddish brown silty clay.
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8G
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-07					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	2.0 - 4.0	6.0 - 8.0	11.0 - 13.0	19.0 - 20.0	20.0 - 21.0	21.0 - 23.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS		420.0		8.9		
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0				8.4	57.0	
1,2-Dichloroethane	20.0	3,100	30,000	20.0				0.91		
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0				12.0	74.0	
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0				2.4		
Acetone	50.0	100,000	500,000	50.0	24.0					
Benzene	60.0	4,800	44,000	60.0						
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0		120.0		9.3		
Ethylbenzene	1,000	41,000	390,000	1,000	1.8					
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS						
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0				1.1		

Table 5-8G
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-07					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	2.0 - 4.0	6.0 - 8.0	11.0 - 13.0	19.0 - 20.0	20.0 - 21.0	21.0 - 23.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0	1.2	**95,000**	**610,000**	**68,000**	**21,000**	**2,400**
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS						
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600						
Total Chlorinated VOCs	NS	NS	NS	NS	1.2	95,420	610,000	68,033	21,131	2,400

Table 5-8G
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-07					
					RBSC * 25.0 - 27.0 11/04/25	RBSC * 29.0 - 30.0 11/04/25				
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0	0.82	2.6				
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0	0.81	3.3				
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0						
Benzene	60.0	4,800	44,000	60.0	0.78					
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0		1.7				
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl ethyl ketone	120.0	100,000	500,000	120.0						
Methylene chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS	2.1	1.1				
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0	1.3	1.0				

Table 5-8G
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-07					
					RBSC * 25.0 - 27.0 11/04/25	RBSC * 29.0 - 30.0 11/04/25				
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0	110.0	**8,100**				
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS	0.82					
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600						
Total Chlorinated VOCs	NS	NS	NS	NS	111.6	8,106				

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8H
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-08					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	Reworked	Reworked	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	1.0 - 3.0	9.0 - 10.0	10.0 - 12.0	19.0 - 20.0	22.0 - 24.0	25.0 - 28.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0	6.8					
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0	6.6					
1,1-Dichloroethene	330.0	100,000	500,000	330.0	13.0					
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0	**130,000**	1.7 J	**8,500**	**7,500**	3.0	
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0	27.0					
Acetone	50.0	100,000	500,000	50.0		34.0 J				
Benzene	60.0	4,800	44,000	60.0	1.8 J					
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000			440.0	310 J		
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS			140 J	200 J	1.5 J	
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0		1.1 J	160 J	140 J	0.82 J	

Table 5-8H
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-08					
					Fill 1.0 - 3.0 10/31/25	Reworked 9.0 - 10.0 10/31/25	Reworked 10.0 - 12.0 10/31/25	RBSC * 19.0 - 20.0 10/31/25	RBSC * 22.0 - 24.0 10/31/25	RBSC * 25.0 - 28.0 10/31/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0	**620,000**	2.3 J	**29,000**	**33,000**	2.6 J	
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600			240 J	190 J		
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400			95.0 J			
Vinyl chloride	20.0	900.0	13,000	20.0	**520 J**		**240 J**	**420 J**		
m,p-Xylene	NS	NS	NS	NS			260 J			
o-Xylene	NS	NS	NS	NS			140 J	130 J		
Xylene (Total)	260.0	100,000	500,000	1,600			**400 J**	130 J		
Total Chlorinated VOCs	NS	NS	NS	NS	750,573	4.0	37,740	40,920	5.6 J	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8I
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-09					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	Reworked	Alluvium	Alluvium	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	2.0 - 4.0	6.0 - 8.0	12.0 - 14.0	16.0 - 18.0	21.0 - 23.0	26.0 - 28.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0						
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0		22.0	23.0	18.0		
Benzene	60.0	4,800	44,000	60.0						0.73
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS			0.96	1.6	3.7	1.5
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0				0.97	1.6	1.1

Table 5-8I
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-09					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Alluvium	Alluvium	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	2.0 - 4.0	6.0 - 8.0	12.0 - 14.0	16.0 - 18.0	21.0 - 23.0	26.0 - 28.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0						
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS					1.4	
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600					1.4	
Total Chlorinated VOCs	NS	NS	NS	NS	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8J
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-10					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	3.0 - 5.0	5.0 - 7.0	11.0 - 13.0	17.0 - 19.0	21.0 - 23.0	26.0 - 28.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0						
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0						11.0
Benzene	60.0	4,800	44,000	60.0						
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS		1.7	0.82	1.4	1.3	1.8
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0		1.7	0.65	0.79	1.0	0.78

Table 5-8J
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-10 Fill 3.0 - 5.0 11/03/25	SB-VOC-10 RBSC * 5.0 - 7.0 11/03/25	SB-VOC-10 RBSC * 11.0 - 13.0 11/03/25	SB-VOC-10 RBSC * 17.0 - 19.0 11/03/25	SB-VOC-10 RBSC * 21.0 - 23.0 11/03/25	SB-VOC-10 RBSC * 26.0 - 28.0 11/03/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0						2.1
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS		1.5				0.69
o-Xylene	NS	NS	NS	NS						0.39
Xylene (Total)	260.0	100,000	500,000	1,600		1.5				1.08
Total Chlorinated VOCs	NS	NS	NS	NS	0.0	0.0	0.0	0.0	0.0	2.1

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

*** = Reddish brown silty clay.**

**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**

♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

µg/kg = micrograms per kilogram or parts per billion.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8K
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-11					
					Fill 3.0 - 5.0 11/04/25	RBSC * 6.0 - 8.0 11/04/25	RBSC * 11.0 - 13.0 11/04/25	RBSC * 18.0 - 20.0 11/04/25	RBSC * 24.0 - 25.0 11/04/25	RBSC * 26.0 - 28.0 11/04/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0	7.2		28.0			
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0	1.0		1.8			
Acetone	50.0	100,000	500,000	50.0	13.0					14.0
Benzene	60.0	4,800	44,000	60.0				0.80	0.67	0.79
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS				2.3	1.8	2.3
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0				1.5	1.1	1.3

Table 5-8K
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-11					
					Fill 3.0 - 5.0 11/04/25	RBSC * 6.0 - 8.0 11/04/25	RBSC * 11.0 - 13.0 11/04/25	RBSC * 18.0 - 20.0 11/04/25	RBSC * 24.0 - 25.0 11/04/25	RBSC * 26.0 - 28.0 11/04/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0	1.2	3.8	1.9	0.70	1.3	1.0
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0	2.0		1.2			
m,p-Xylene	NS	NS	NS	NS				1.3		1.0
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600				1.3		1.0
Total Chlorinated VOCs	NS	NS	NS	NS	11.4	3.8	32.9	0.70	1.3	1.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8L
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-12					
					Fill 3.0 - 5.0 11/03/25	Reworked 8.0 - 10.0 11/03/25	Alluvium 11.0 - 13.0 11/03/25	Alluvium 21.0 - 23.0 11/03/25	Alluvium 22.0 - 24.0 11/03/25	Alluvium 27.0 - 29.0 11/03/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0						
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0		24.0			13.0	
Benzene	60.0	4,800	44,000	60.0						
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0					9.0	
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS			1.1	1.1		1.3
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0			0.74	0.66		1.1

Table 5-8L
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-12					
					Fill 3.0 - 5.0 11/03/25	Reworked 8.0 - 10.0 11/03/25	Alluvium 11.0 - 13.0 11/03/25	Alluvium 21.0 - 23.0 11/03/25	Alluvium 22.0 - 24.0 11/03/25	Alluvium 27.0 - 29.0 11/03/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0						
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS						
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600						
Total Chlorinated VOCs	NS	NS	NS	NS	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8M
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-13					
					Reworked 4.0 - 5.0 10/31/25	RBSC * 10.0 - 12.0 10/31/25	RBSC * 14.0 - 15.0 10/31/25	RBSC * 16.0 - 18.0 10/31/25	RBSC * 22.0 - 24.0 10/31/25	RBSC * 27.0 - 29.0 10/31/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0			20.0		15.0	
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0					15.0 J	
Benzene	60.0	4,800	44,000	60.0				0.53 J		
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS	1.9 J	3.2		1.8		1.2 J
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0	0.73 J	1.5 J		0.91 J		0.77 J

Table 5-8M
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-13					
					Reworked 4.0 - 5.0 10/31/25	RBSC * 10.0 - 12.0 10/31/25	RBSC * 14.0 - 15.0 10/31/25	RBSC * 16.0 - 18.0 10/31/25	RBSC * 22.0 - 24.0 10/31/25	RBSC * 27.0 - 29.0 10/31/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0	0.79 J		2.0		2.8	
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0			3.9 J		2.9 J	
m,p-Xylene	NS	NS	NS	NS						
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600						
Total Chlorinated VOCs	NS	NS	NS	NS	0.79 J	0.0	25.9 J	0.0	20.7 J	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8N
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-14/14B						
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	Reworked	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	1.0 - 2.0	2.0 - 3.0	6.0 - 7.0	12.0 - 13.0	18.5 - 20.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25
Volatile Organic Compounds (µg/kg)											
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0							
1,1,2-Trichloroethane	NS	NS	NS	NS							
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0							
1,1-Dichloroethane	270.0	26,000	240,000	270.0							
1,1-Dichloroethene	330.0	100,000	500,000	330.0							
1,2-Dichloroethane	20.0	3,100	30,000	20.0							
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0							
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0							
Acetone	50.0	100,000	500,000	50.0							
Benzene	60.0	4,800	44,000	60.0	**62.0**						
n-Butylbenzene	12,000	100,000	500,000	12,000	41.0						
sec-Butylbenzene	11,000	100,000	500,000	11,000	47.0	34.0					
Carbon Disulfide	NS	100,000 **	NS	2,700							
Chloroethane	NS	NS	NS	NS							
Chloroform	370.0	49,000	350,000	370.0	36.0						
Ethylbenzene	1,000	41,000	390,000	1,000	110.0	30.0					
Isopropylbenzene	NS	100,000 **	NS	2,300	270.0	290.0					
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000							
Methyl Acetate	NS	NS	NS	NS							
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0		**720.0**					
Methylene Chloride	50.0	100,000	500,000	50.0							
Methyl Cyclohexane	NS	NS	NS	NS	4,400	3,100			1.3	0.78	0.78
n-Propylbenzene	3,900	100,000	500,000	3,900	390.0	330.0					
Styrene	NS	NS	NS	NS							
Tetrachloroethene	1,300	19,000	150,000	1,300							
Toluene	700.0	100,000	500,000	700.0	120.0				0.63	0.78	0.79

Table 5-8N
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-14/14B						
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted Residential	Part 375 Commercial	Groundwater Protection	1.0 - 2.0	2.0 - 3.0	6.0 - 7.0	12.0 - 13.0	18.5 - 20.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25
Volatile Organic Compounds (continued)											
1,2,3-Trichlorobenzene	NS	NS	NS	NS							
1,2,4-Trichlorobenzene	NS	NS	NS	3,400							
Trichloroethene	470.0	21,000	200,000	470.0							
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600	120.0						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400							
Vinyl chloride	20.0	900.0	13,000	20.0							
m,p-Xylene	NS	NS	NS	NS	300.0						
o-Xylene	NS	NS	NS	NS	72.0						
Xylene (Total)	260.0	100,000	500,000	1,600	**372.0**						
Total Chlorinated VOCs	NS	NS	NS	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8O
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-15					
					Fill 0.5 - 2.0 10/30/25	RBSC * 5.0 - 7.0 10/30/25	RBSC * 12.0 - 14.0 10/30/25	RBSC * 17.0 - 19.0 10/30/25	RBSC * 22.0 - 24.0 10/30/25	RBSC * 27.0 - 29.0 10/30/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0						
1,1,2-Trichloroethane	NS	NS	NS	NS						
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0						
1,1-Dichloroethene	330.0	100,000	500,000	330.0						
1,2-Dichloroethane	20.0	3,100	30,000	20.0						
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0		11.0				
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0						
Acetone	50.0	100,000	500,000	50.0	30.0					
Benzene	60.0	4,800	44,000	60.0						0.67
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS						
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000						
Isopropylbenzene	NS	100,000 **	NS	2,300						
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0						
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS	1.3		1.2		1.8	2.2
n-Propylbenzene	3,900	100,000	500,000	3,900						
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0			0.72		0.94	1.3

Table 5-8O
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-15					
					Fill 0.5 - 2.0 10/30/25	RBSC * 5.0 - 7.0 10/30/25	RBSC * 12.0 - 14.0 10/30/25	RBSC * 17.0 - 19.0 10/30/25	RBSC * 22.0 - 24.0 10/30/25	RBSC * 27.0 - 29.0 10/30/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0	1.2	1.1				
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600						
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400						
Vinyl chloride	20.0	900.0	13,000	20.0						
m,p-Xylene	NS	NS	NS	NS						1.1
o-Xylene	NS	NS	NS	NS						
Xylene (Total)	260.0	100,000	500,000	1,600						1.1
Total Chlorinated VOCs	NS	NS	NS	NS	1.2	12.1	0.0	0.0	0.0	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-8P
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-16 Fill 2.0 - 4.0 11/04/25	Reworked 5.0 - 7.0 11/04/25	Alluvium 13.0 - 15.0 11/04/25	Alluvium 18.0 - 20.0 11/04/25	Alluvium 22.0 - 24.0 11/04/25	RBSC * 25.0 - 27.0 11/04/25
Volatile Organic Compounds (µg/kg)										
1,1,1-Trichloroethane	680.0	100,000	500,000	680.0	2.9	0.89	1.3			
1,1,2-Trichloroethane	NS	NS	NS	NS		1.6				
1,1,2,2-Tetrachloroethane	NS	35,000 **	NS	600.0						
1,1-Dichloroethane	270.0	26,000	240,000	270.0	8.9	**420.0**	44.0			
1,1-Dichloroethene	330.0	100,000	500,000	330.0	3.0					
1,2-Dichloroethane	20.0	3,100	30,000	20.0		1.3				
cis-1,2-Dichloroethene	250.0	100,000	500,000	250.0	38.0	19.0	36.0			
trans-1,2-Dichloroethene	190.0	100,000	500,000	190.0	3.9	4.9	0.92			
Acetone	50.0	100,000	500,000	50.0		**56.0**	41.0	32.0		
Benzene	60.0	4,800	44,000	60.0				**94.0**	**110,000**	**30,000**
n-Butylbenzene	12,000	100,000	500,000	12,000						
sec-Butylbenzene	11,000	100,000	500,000	11,000						
Carbon Disulfide	NS	100,000 **	NS	2,700						
Chloroethane	NS	NS	NS	NS		35.0				
Chloroform	370.0	49,000	350,000	370.0						
Ethylbenzene	1,000	41,000	390,000	1,000		7.5		81.0	**570,000**	**270,000**
Isopropylbenzene	NS	100,000 **	NS	2,300				0.81	30,000	15,000
p-Isopropyltoluene	NS	10,000 ♦	NS	10,000						
Methyl Acetate	NS	NS	NS	NS						
Methyl Ethyl Ketone	120.0	100,000	500,000	120.0		13.0		10.0		
Methylene Chloride	50.0	100,000	500,000	50.0						
Methyl Cyclohexane	NS	NS	NS	NS			1.4	1.9		
n-Propylbenzene	3,900	100,000	500,000	3,900						**4,900**
Styrene	NS	NS	NS	NS						
Tetrachloroethene	1,300	19,000	150,000	1,300						
Toluene	700.0	100,000	500,000	700.0		2.1	1.9	4.2	**40,000**	**14,000**

Table 5-8P
Summary of Subsurface Fill & Soil VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-16					
					Fill 2.0 - 4.0 11/04/25	Reworked 5.0 - 7.0 11/04/25	Alluvium 13.0 - 15.0 11/04/25	Alluvium 18.0 - 20.0 11/04/25	Alluvium 22.0 - 24.0 11/04/25	RBSC * 25.0 - 27.0 11/04/25
Volatile Organic Compounds (continued)										
1,2,3-Trichlorobenzene	NS	NS	NS	NS						
1,2,4-Trichlorobenzene	NS	NS	NS	3,400						
Trichloroethene	470.0	21,000	200,000	470.0	56.0	9.8	2.0			
1,2,4-Trimethylbenzene	3,600	52,000	190,000	3,600				3.8	**140,000**	**73,000**
1,3,5-Trimethylbenzene	8,400	52,000	190,000	8,400					**48,000**	**25,000**
Vinyl chloride	20.0	900.0	13,000	20.0	**54.0**	6.4	**48.0**			
m,p-Xylene	NS	NS	NS	NS		23.0	1.7	3.8	260,000	120,000
o-Xylene	NS	NS	NS	NS	0.59	17.0		19.0	130,000	57,000
Xylene (Total)	260.0	100,000	500,000	1,600		23.0		3.8	**380,000**	**170,000**
Total Chlorinated VOCs	NS	NS	NS	NS	166.7	498.9	132.2	0.0	0.0	0.0

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
*** = Reddish brown silty clay.**
**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**
♦ = Soil cleanup objective for Gasoline Contaminated Soils from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
µg/kg = micrograms per kilogram or parts per billion.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives. Purple shaded values also exceed the 6 NYCRR Part 375 protection of groundwater soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential or protection of groundwater soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
Pink shaded values exceed the CP-51 protection of groundwater soil cleanup objectives but no other soil cleanup objectives.

Table 5-9A
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-1A GW-1 Fill 0.0 - 2.0 09/26/90	SB-1B GW-1 Fill 2.0 - 4.0 09/26/90	SB-1C GW-1 RBSC * 4.0 - 6.0 09/26/90	SB-1D GW-1 RBSC * 6.0 - 8.0 09/26/90	SB-2A GW-2 Fill 0.0 - 2.0 09/26/90
Semi-Volatile Organic Compounds (µg/kg)									
2,4-Dimethylphenol	NS	NS	NS	NS					
2-Chlorophenol	NS	100,000 ●●	NS	NS					
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400	76.0 J	82.0 J			
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0					
4-Chloro-3-Methylphenol	NS	NS	NS	NS					
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0					
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	180 J	190 J			220 J
Acenapthylene (PAH)	100,000	100,000	500,000	107,000					
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	540 J	520 J			450.0
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**2,900**	**2,600**			**1,200**
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**3,500**	**3,100**			**1,200**
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**3,300**	**3,600**			**1,600**
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	2,200	2,100			790.0
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	**2,600**	**1,500 J**			620.0
Biphenyl	NS	NS	NS	NS					
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	150 B	300 B	130 B	110 B	570 B
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS					
Carbazole	NS	NS	NS	NS					
Chrysene (PAH)	1,000	3,900	56,000	1,000	**2,800**	**2,700**			**1,300**
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	**610 J**	**430 J**			240 J
Dibenzofuran	7,000	59,000	350,000	210,000	150 J	160 J			140 J
Diethylphthalate	NS	100,000 ●●	NS	NS					
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS					
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS					
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	5,000	5,000			2,700

Table 5-9A
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-1A GW-1 Fill 0.0 - 2.0 09/26/90	SB-1B GW-1 Fill 2.0 - 4.0 09/26/90	SB-1C GW-1 RBSC * 4.0 - 6.0 09/26/90	SB-1D GW-1 RBSC * 6.0 - 8.0 09/26/90	SB-2A GW-2 Fill 0.0 - 2.0 09/26/90
Semi-Volatile Organic Compounds (continued)									
Fluorene (PAH)	30,000	100,000	500,000	386,000	210 J	220 J			200 J
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**2,700**	**2,500**			**930.0**
Naphthalene (PAH)	12,000	100,000	500,000	12,000		88.0 J			70.0 J
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	3,100	3,300			2,400
Phenol	330.0	100,000	500,000	330.0					
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	5,400	5,100			2,000
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	92,000	14,000					
4,4'-DDE	3.3	8,900	62,000	17,000					
4,4'-DDT	3.3	7,900	47,000	136,000					
Aldrin	5.0	97.0	680.0	190.0					
alpha-BHC	20.0	480.0	3,400	20.0					
alpha-Chlordane	94.0	4,200	24,000	2,900					
beta-BHC	36.0	360.0	3,000	90.0					
delta-BHC	40.0	100,000	500,000	250.0					
gamma-BHC (Lindane)	100.0	1,300	9,200	100.0					
gamma-Chlordane	NS	540.0 ●●	NS	NS					
Dieldrin	5.0	200.0	1,400	100.0					
Endosulfan I	2,400	24,000	200,000	102,000					
Endosulfan II	2,400	24,000	200,000	102,000					
Endosulfan Sulfate	2,400	24,000	200,000	1,000,000					
Endrin	14.0	11,000	89,000	60.0					
Endrin Aldehyde	NS	NS	NS	NS					
Endrin Ketone	NS	NS	NS	NS					
Heptachlor	42.0	2,100	15,000	380.0					

Table 5-9A
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-1A GW-1 Fill 0.0 - 2.0 09/26/90	SB-1B GW-1 Fill 2.0 - 4.0 09/26/90	SB-1C GW-1 RBSC * 4.0 - 6.0 09/26/90	SB-1D GW-1 RBSC * 6.0 - 8.0 09/26/90	SB-2A GW-2 Fill 0.0 - 2.0 09/26/90
Pesticides (continued)									
Heptachlor Epoxide	NS	77.0 ●●	NS	NS					
Methoxychlor	NS	100,000 ●●	NS	NS					
Toxaphene	NS	NS	NS	NS					
2,4,5-TP (Silvex)	3,800	100,000	500,000	3,800					
PCBs (µg/kg)									
Aroclor 1232	NS	NS	NS	NS					
Aroclor 1242	NS	NS	NS	NS					
Aroclor 1248	NS	NS	NS	NS					
Aroclor 1254	NS	NS	NS	NS					
Aroclor 1260	NS	NS	NS	NS					
Aroclor 1262	NS	NS	NS	NS					
Aroclor 1268	NS	NS	NS	NS					
Total PCBs	100.0	1,000	1,000	3,200					
Metals (mg/kg)									
Aluminum	NS	NS	NS	NS	6,210	5,610	7,680	7,330	6,190
Antimony ■	NS	NS	NS	NS					
Arsenic ■	13.0	16.0	16.0	16.0	14.7 L	**37.1 L**	2.7 L	3.5 L	5.7 L
Barium	350.0	400.0	400.0	820.0	117.0	79.7	98.2	71.0	79.8
Beryllium ■	7.2	72.0	590.0	47.0	0.52 B	0.46 B	0.29 B	0.30 B	0.27 B
Cadmium ■	2.5	4.3	9.3	7.5	**7.0**	**6.2**	2.5	2.5	2.5
Calcium	NS	NS	NS	NS	125,000	31,300	71,400	70,800	90,800
Chromium ■	30.0	180.0	1,500	NS	**304 L**	**51.4 L**	12.6 L	13.6 L	13.1 L
Cobalt	NS	30 ●●	NS	NS	3.9	5.7	5.5	8.4	
Copper ■	50.0	270.0	270.0	1,720	**196.0**	36.0	16.5	16.2	**116.0**

Table 5-9A
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-1A GW-1 Fill 0.0 - 2.0 09/26/90	SB-1B GW-1 Fill 2.0 - 4.0 09/26/90	SB-1C GW-1 RBSC * 4.0 - 6.0 09/26/90	SB-1D GW-1 RBSC * 6.0 - 8.0 09/26/90	SB-2A GW-2 Fill 0.0 - 2.0 09/26/90
Metals (continued)									
Total Cyanide	27.0	27.0	27.0	40.0	1.3	**89.5**		3.5	1.2
Iron	NS	2,000 ●●	NS	NS	**41,700**	**40,300**	**16,900**	**17,200**	**15,100**
Lead ■	63.0	400.0	1,000	450.0	**234.0**	39.2	9.1	9.9	**380.0**
Magnesium	NS	NS	NS	NS	15,900	5,360	21,100	21,300	17,900
Manganese	1,600	2,000	10,000	2,000	**15,500**	**2,050**	393.0	446.0	757.0
Mercury ■	0.18	0.81	2.80	0.73	**0.38**				**0.34**
Nickel	30.0	310.0	310.0	130.0	11.4	36.6	17.7	20.7	11.8
Potassium	NS	NS	NS	NS	484.0	601.0	1,660	1,550	855.0
Selenium ■	3.9	180.0	1,500	4.0		0.25 L			0.23 L
Silver ■	2.0	180.0	1,500	8.3	**2.1**				
Sodium	NS	NS	NS	NS	404.0	430.0	298.0	323.0	382.0
Thallium	NS	NS	NS	NS					
Vanadium	NS	100 ●●	NS	NS	**140 L**	33.5 L	17.1 L	16.8 L	16.2 L
Zinc ■	109.0	10,000	10,000	2,480	**375.0**	**470.0**	60.2	92.4	**243.0**

Notes:

*** = Descriptions of the surface soil samples were not given in the BCP RI Report.**
● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
■ = Environmental Protection Agency priority pollutant metal.
µg/kg = micrograms per kilogram or parts per billion.
mg/kg = milligrams per kilogram or parts per million.
B = Analyte detected in the associated blank, as well as in the sample.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
JH = Compound is positively identified and reported at an estimated concentration that is probably high.
L = Analyte present. Reported value may be biased low. Actual value expected to be higher.

Table 5-9A
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

NA = Not analyzed.
ND = Not detected. Used to denote PCB results only.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.
GMM checked this table against the lab report on October 1, 2025.

Table 5-9B
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-2B GW-2 Fill 2.0 - 4.0 09/26/90	SB-2C GW-2 Fill 4.0 - 6.0 09/26/90	SB-3A GW-3 Fill 0.0 - 2.0 09/25/90	SB-3B GW-3 Fill 2.0 - 4.0 09/25/90	SB-3C GW-3 Fill 4.0 - 6.0 09/25/90
Semi-Volatile Organic Compounds (µg/kg)									
2,4-Dimethylphenol	NS	NS	NS	NS					
2-Chlorophenol	NS	100,000 ●●	NS	NS					
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400	140 J	80.0 J	**510 J**	260 J	
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0					
4-Chloro-3-Methylphenol	NS	NS	NS	NS					
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0					
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	180 J	180 J	65.0 J	160 J	
Acenapthylene (PAH)	100,000	100,000	500,000	107,000					
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	510 J	550 J	150 J	710 J	
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**2,000**	**2,100**	540 J	**2,600**	
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**1,900**	**1,900**	660 J	**2,900**	
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**2,600**	**2,400**	**1,100**	**4,200**	
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	1,200	1,200	430 J	1,700	
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	**960.0**	**1,300**			
Biphenyl	NS	NS	NS	NS					
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	82.0 B	130 B	70.0 B	110 B	260 B
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS					
Carbazole	NS	NS	NS	NS					
Chrysene (PAH)	1,000	3,900	56,000	1,000	**2,000**	**2,000**	640 J	**2,700**	
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	**350 J**	330 J	190 J	**700 J**	
Dibenzofuran	7,000	59,000	350,000	210,000	140 J	130 J	150 J	220 J	
Diethylphthalate	NS	100,000 ●●	NS	NS					
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	90.0 J	60.0 J	92.0 J	110 J	
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS					
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	2,900	3,600	930.0	4,700	

Table 5-9B
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-2B GW-2 Fill 2.0 - 4.0 09/26/90	SB-2C GW-2 Fill 4.0 - 6.0 09/26/90	SB-3A GW-3 Fill 0.0 - 2.0 09/25/90	SB-3B GW-3 Fill 2.0 - 4.0 09/25/90	SB-3C GW-3 Fill 4.0 - 6.0 09/25/90
Semi-Volatile Organic Compounds (continued)									
Fluorene (PAH)	30,000	100,000	500,000	386,000	210 J	230 J	57.0 J	250 J	
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**1,300**	**1,300**	440 J	**1,900**	
Naphthalene (PAH)	12,000	100,000	500,000	12,000	120 J	90.0 J	300 J	220 J	
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	2,400	2,800	920.0	3,400	
Phenol	330.0	100,000	500,000	330.0					
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	3,700	4,100	910.0	5,200	
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	92,000	14,000					
4,4'-DDE	3.3	8,900	62,000	17,000					
4,4'-DDT	3.3	7,900	47,000	136,000					
Aldrin	5.0	97.0	680.0	190.0					
alpha-BHC	20.0	480.0	3,400	20.0					
alpha-Chlordane	94.0	4,200	24,000	2,900					
beta-BHC	36.0	360.0	3,000	90.0					
delta-BHC	40.0	100,000	500,000	250.0					
gamma-BHC (Lindane)	100.0	1,300	9,200	100.0					
gamma-Chlordane	NS	540.0 ●●	NS	NS					
Dieldrin	5.0	200.0	1,400	100.0					
Endosulfan I	2,400	24,000	200,000	102,000					
Endosulfan II	2,400	24,000	200,000	102,000					
Endosulfan Sulfate	2,400	24,000	200,000	1,000,000					
Endrin	14.0	11,000	89,000	60.0					
Endrin Aldehyde	NS	NS	NS	NS					
Endrin Ketone	NS	NS	NS	NS					
Heptachlor	42.0	2,100	15,000	380.0					

Table 5-9B
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-2B GW-2 Fill 2.0 - 4.0 09/26/90	SB-2C GW-2 Fill 4.0 - 6.0 09/26/90	SB-3A GW-3 Fill 0.0 - 2.0 09/25/90	SB-3B GW-3 Fill 2.0 - 4.0 09/25/90	SB-3C GW-3 Fill 4.0 - 6.0 09/25/90
Pesticides (continued)									
Heptachlor Epoxide	NS	77.0 ●●	NS	NS					
Methoxychlor	NS	100,000 ●●	NS	NS					
Toxaphene	NS	NS	NS	NS					
2,4,5-TP (Silvex)	3,800	100,000	500,000	3,800					
PCBs (µg/kg)									
Aroclor 1232	NS	NS	NS	NS					
Aroclor 1242	NS	NS	NS	NS					
Aroclor 1248	NS	NS	NS	NS					
Aroclor 1254	NS	NS	NS	NS					
Aroclor 1260	NS	NS	NS	NS					
Aroclor 1262	NS	NS	NS	NS					
Aroclor 1268	NS	NS	NS	NS					
Total PCBs	100.0	1,000	1,000	3,200					
Metals (mg/kg)									
Aluminum	NS	NS	NS	NS	5,310	7,480	11,400	6,760	14,000
Antimony ■	NS	NS	NS	NS	12.3 L				
Arsenic ■	13.0	16.0	16.0	16.0	**25.5 L**	7.2 L	9.5 L	10.6 L	3.1 L
Barium	350.0	400.0	400.0	820.0	62.0	93.2	123.0	85.3	110.0
Beryllium ■	7.2	72.0	590.0	47.0	0.34 B	0.31 B	0.53		
Cadmium ■	2.5	4.3	9.3	7.5	**2.6**	**3.5**	**3.7**	**2.9**	**3.9**
Calcium	NS	NS	NS	NS	41,200	61,400	58,200	29,900	53,300
Chromium ■	30.0	180.0	1,500	NS	16.3 L	19.0 L	**77.3 L**	**39.2 L**	21.1 L
Cobalt	NS	30 ●●	NS	NS	4.9	5.5	5.5	4.5	15.5
Copper ■	50.0	270.0	270.0	1,720	**70.4**	**135.0**	**310.0**	**269.0**	19.7

Table 5-9B
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-2B GW-2 Fill 2.0 - 4.0 09/26/90	SB-2C GW-2 Fill 4.0 - 6.0 09/26/90	SB-3A GW-3 Fill 0.0 - 2.0 09/25/90	SB-3B GW-3 Fill 2.0 - 4.0 09/25/90	SB-3C GW-3 Fill 4.0 - 6.0 09/25/90
Metals (continued)									
Total Cyanide	27.0	27.0	27.0	40.0	2.8			8.8	
Iron	NS	2,000 ●●	NS	NS	**18,000**	**18,800**	**22,200**	**17,800**	**25,000**
Lead ■	63.0	400.0	1,000	450.0	**222.0**	**431.0**	**456.0**	**300.0**	16.8
Magnesium	NS	NS	NS	NS	8,850	14,900	4,150	3,060	13,300
Manganese	1,600	2,000	10,000	2,000	419.0	569.0	**9,750**	**4,520**	668.0
Mercury ■	0.18	0.81	2.80	0.73	**1.2**	0.49	0.14	0.14	
Nickel	30.0	310.0	310.0	130.0	22.6	18.7	9.0	14.6	28.3
Potassium	NS	NS	NS	NS	898.0	1,170	1,130	732.0	2,380
Selenium ■	3.9	180.0	1,500	4.0	0.27 L	0.30 L			
Silver ■	2.0	180.0	1,500	8.3					
Sodium	NS	NS	NS	NS	305.0	271.0	500.0	394.0	539.0
Thallium	NS	NS	NS	NS					
Vanadium	NS	100 ●●	NS	NS	14.3 L	19.5 L	77.2 L	43.4 L	26.6 L
Zinc ■	109.0	10,000	10,000	2,480	**170.0**	**450.0**	**317.0**	**468.0**	66.0

Notes:

*** = Descriptions of the surface soil samples were not given in the BCP RI Report.**
● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
■ = Environmental Protection Agency priority pollutant metal.
µg/kg = micrograms per kilogram or parts per billion.
mg/kg = milligrams per kilogram or parts per million.
B = Analyte detected in the associated blank, as well as in the sample.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
JH = Compound is positively identified and reported at an estimated concentration that is probably high.
L = Analyte present. Reported value may be biased low. Actual value expected to be higher.

Table 5-9B
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

NA = Not analyzed.
ND = Not detected. Used to denote PCB results only.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.
GMM checked this table against the lab report on October 1, 2025.

Table 5-9C
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-3D GW-3 RBSC * 11.0 - 13.0 09/25/90	SB-4A B-1 Fill 0.0 - 2.0 09/25/90	SB-4B B-1 RBSC * 2.0 - 4.0 09/25/90	SB-4C B-1 RBSC * 4.0 - 6.0 09/25/90	SB-4D B-1 RBSC * 6.0 - 8.0 09/25/90
Semi-Volatile Organic Compounds (µg/kg)									
2,4-Dimethylphenol	NS	NS	NS	NS					
2-Chlorophenol	NS	100,000 ●●	NS	NS					
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400		250 J			
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0					
4-Chloro-3-Methylphenol	NS	NS	NS	NS					
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0					
Acenaphthene (PAH)	20,000	100,000	500,000	98,000		120 J			
Acenapthylene (PAH)	100,000	100,000	500,000	107,000					
Anthracene (PAH)	100,000	100,000	500,000	1,000,000		250 J			
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000		770.0			
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000		840.0			
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700		**1,100**			
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000		560.0			
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700		470.0			
Biphenyl	NS	NS	NS	NS					
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	160 B	130 B	100 B	73.0 B	85.0 B
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS					
Carbazole	NS	NS	NS	NS					
Chrysene (PAH)	1,000	3,900	56,000	1,000		860.0			
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000		150 J			
Dibenzofuran	7,000	59,000	350,000	210,000		130 J			
Diethylphthalate	NS	100,000 ●●	NS	NS		210 J	220 J		
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS		48.0 J			93.0 J
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS					
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000		1,400			

Table 5-9C
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-3D GW-3 RBSC * 11.0 - 13.0 09/25/90	SB-4A B-1 Fill 0.0 - 2.0 09/25/90	SB-4B B-1 RBSC * 2.0 - 4.0 09/25/90	SB-4C B-1 RBSC * 4.0 - 6.0 09/25/90	SB-4D B-1 RBSC * 6.0 - 8.0 09/25/90
Semi-Volatile Organic Compounds (continued)									
Fluorene (PAH)	30,000	100,000	500,000	386,000		120 J			
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200		**650.0**			
Naphthalene (PAH)	12,000	100,000	500,000	12,000		160 J			
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000		1,300			
Phenol	330.0	100,000	500,000	330.0					
Pyrene (PAH)	100,000	100,000	500,000	1,000,000		1,400			
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	92,000	14,000					
4,4'-DDE	3.3	8,900	62,000	17,000					
4,4'-DDT	3.3	7,900	47,000	136,000					
Aldrin	5.0	97.0	680.0	190.0					
alpha-BHC	20.0	480.0	3,400	20.0					
alpha-Chlordane	94.0	4,200	24,000	2,900					
beta-BHC	36.0	360.0	3,000	90.0					
delta-BHC	40.0	100,000	500,000	250.0					
gamma-BHC (Lindane)	100.0	1,300	9,200	100.0					
gamma-Chlordane	NS	540.0 ●●	NS	NS					
Dieldrin	5.0	200.0	1,400	100.0					
Endosulfan I	2,400	24,000	200,000	102,000					
Endosulfan II	2,400	24,000	200,000	102,000					
Endosulfan Sulfate	2,400	24,000	200,000	1,000,000					
Endrin	14.0	11,000	89,000	60.0					
Endrin Aldehyde	NS	NS	NS	NS					
Endrin Ketone	NS	NS	NS	NS					
Heptachlor	42.0	2,100	15,000	380.0					

Table 5-9C
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-3D GW-3 RBSC * 11.0 - 13.0 09/25/90	SB-4A B-1 Fill 0.0 - 2.0 09/25/90	SB-4B B-1 RBSC * 2.0 - 4.0 09/25/90	SB-4C B-1 RBSC * 4.0 - 6.0 09/25/90	SB-4D B-1 RBSC * 6.0 - 8.0 09/25/90
Pesticides (continued)									
Heptachlor Epoxide	NS	77.0 ●●	NS	NS					
Methoxychlor	NS	100,000 ●●	NS	NS					
Toxaphene	NS	NS	NS	NS					
2,4,5-TP (Silvex)	3,800	100,000	500,000	3,800					
PCBs (µg/kg)									
Aroclor 1232	NS	NS	NS	NS					
Aroclor 1242	NS	NS	NS	NS					
Aroclor 1248	NS	NS	NS	NS					
Aroclor 1254	NS	NS	NS	NS					
Aroclor 1260	NS	NS	NS	NS					
Aroclor 1262	NS	NS	NS	NS					
Aroclor 1268	NS	NS	NS	NS					
Total PCBs	100.0	1,000	1,000	3,200					
Metals (mg/kg)									
Aluminum	NS	NS	NS	NS	16,100	6,680	14,000	8,730	9,350
Antimony ■	NS	NS	NS	NS					
Arsenic ■	13.0	16.0	16.0	16.0	2.1 L	**15.8 L**	7.8 L	4.4 L	3.4 L
Barium	350.0	400.0	400.0	820.0	103.0	185.0	102.0	70.5	95.0
Beryllium ■	7.2	72.0	590.0	47.0					
Cadmium ■	2.5	4.3	9.3	7.5	**3.1**	**5.7**	**3.5**	2.2	**2.7**
Calcium	NS	NS	NS	NS	2,010	17,300	16,800	64,300	57,300
Chromium ■	30.0	180.0	1,500	NS	21.6 L	20.0 L	18.8 L	13.6 L	15.4 L
Cobalt	NS	30 ●●	NS	NS	10.9	6.0	11.9	7.5	8.6
Copper ■	50.0	270.0	270.0	1,720	17.2	**227.0**	16.8	14.1	29.1

Table 5-9C
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Boring Number Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-3D GW-3 RBSC * 11.0 - 13.0 09/25/90	SB-4A B-1 Fill 0.0 - 2.0 09/25/90	SB-4B B-1 RBSC * 2.0 - 4.0 09/25/90	SB-4C B-1 RBSC * 4.0 - 6.0 09/25/90	SB-4D B-1 RBSC * 6.0 - 8.0 09/25/90
Metals (continued)									
Total Cyanide	27.0	27.0	27.0	40.0					
Iron	NS	2,000 ●●	NS	NS	**22,700**	**27,600**	**23,700**	**17,100**	**18,000**
Lead ■	63.0	400.0	1,000	450.0	11.6	**391.0**	14.2	10.9	31.8
Magnesium	NS	NS	NS	NS	5,820	4,970	11,800	20,900	17,500
Manganese	1,600	2,000	10,000	2,000	139.0	**1,720**	376.0	366.0	445.0
Mercury ■	0.18	0.81	2.80	0.73		0.14			
Nickel	30.0	310.0	310.0	130.0	22.8	23.5	24.1	19.1	20.0
Potassium	NS	NS	NS	NS	1,210	877.0	1,280	1,380	1,400
Selenium ■	3.9	180.0	1,500	4.0					
Silver ■	2.0	180.0	1,500	8.3					
Sodium	NS	NS	NS	NS	317.0	379.0	443.0	286.0	275.0
Thallium	NS	NS	NS	NS					
Vanadium	NS	100 ●●	NS	NS	26.5 L	21.7 L	24.1 L	17.6 L	17.8 L
Zinc ■	109.0	10,000	10,000	2,480	68.8	**718.0**	72.5	56.9	80.5

Notes:

*** = Descriptions of the surface soil samples were not given in the BCP RI Report.**
● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
■ = Environmental Protection Agency priority pollutant metal.
µg/kg = micrograms per kilogram or parts per billion.
mg/kg = milligrams per kilogram or parts per million.
B = Analyte detected in the associated blank, as well as in the sample.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
JH = Compound is positively identified and reported at an estimated concentration that is probably high.
L = Analyte present. Reported value may be biased low. Actual value expected to be higher.

Table 5-9C
Summary of Subsurface Fill & Soil Analytical Results from the 1990 Phase II Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

NA = Not analyzed.
ND = Not detected. Used to denote PCB results only.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.
GMM checked this table against the lab report on October 1, 2025.

Table 5-10A
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-01 Fill 1.0 - 4.0 12/17/19	BH-01 RBSC * 6.0 - 8.0 12/17/19	BH-02 Fill 1.0 - 2.0 12/18/19	BH-03 Fill 1.0 - 4.0 12/18/19	BH-04 Fill 1.0 - 3.0 12/17/19
Semi-Volatile Organic Compounds (µg/kg)									
2,4-Dimethylphenol	NS	NS	NS	NS					
2-Chlorophenol	NS	100,000 ●●	NS	NS					
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400			1,130	312.0	**1,850**
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0					
4-Chloro-3-Methylphenol	NS	NS	NS	NS					
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0					
Acenaphthene (PAH)	20,000	100,000	500,000	98,000				183 J	
Acenapthylene (PAH)	100,000	100,000	500,000	107,000			482.0		204 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000			688.0	756.0	291 J
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	152 J		**2,650**	**2,580**	**1,270**
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000			**2,110**	**2,250**	**1,010**
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700			**2,450**	**2,440**	978.0
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000			1,270	1,320	702.0
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700			**1,460**	**1,430**	**1,160**
Biphenyl	NS	NS	NS	NS					
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000					
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS					
Carbazole	NS	NS	NS	NS			407.0	308 J	
Chrysene (PAH)	1,000	3,900	56,000	1,000			**2,600**	**2,170**	**1,340**
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000			**586.0**	**414.0**	
Dibenzofuran	7,000	59,000	350,000	210,000			493.0		571.0
Diethylphthalate	NS	100,000 ●●	NS	NS					
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS					
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS					
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	367.0		6,460	5,010	2,420

Table 5-10A
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-01 Fill 1.0 - 4.0 12/17/19	BH-01 RBSC * 6.0 - 8.0 12/17/19	BH-02 Fill 1.0 - 2.0 12/18/19	BH-03 Fill 1.0 - 4.0 12/18/19	BH-04 Fill 1.0 - 3.0 12/17/19
Semi-Volatile Organic Compounds (continued)									
Fluorene (PAH)	30,000	100,000	500,000	386,000			243 J	199 J	
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200			**1,960**	**1,550**	**761.0**
Naphthalene (PAH)	12,000	100,000	500,000	12,000			729.0	227 J	1,170
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	358.0		5,050	2,570	1,940
Phenol	330.0	100,000	500,000	330.0					
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	234 J		4,270	3,320	1,840
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	92,000	14,000					**6.99 JN**
4,4'-DDE	3.3	8,900	62,000	17,000					
4,4'-DDT	3.3	7,900	47,000	136,000				**5.67 J**	**4.34 JN**
Aldrin	5.0	97.0	680.0	190.0					
alpha-BHC	20.0	480.0	3,400	20.0					
alpha-Chlordane	94.0	4,200	24,000	2,900					
beta-BHC	36.0	360.0	3,000	90.0					
delta-BHC	40.0	100,000	500,000	250.0					3.09 J
gamma-BHC (Lindane)	100.0	1,300	9,200	100.0					
gamma-Chlordane	NS	540.0 ●●	NS	NS			4.64 JN		
Dieldrin	5.0	200.0	1,400	100.0					
Endosulfan I	2,400	24,000	200,000	102,000					
Endosulfan II	2,400	24,000	200,000	102,000			2.75 JN		2.27 JN
Endosulfan Sulfate	2,400	24,000	200,000	1,000,000			3.71 JN	3.23 JN	3.53 JN
Endrin	14.0	11,000	89,000	60.0				1.67 JN	
Endrin Aldehyde	NS	NS	NS	NS					
Endrin Ketone	NS	NS	NS	NS			7.96 J	4.15 J	
Heptachlor	42.0	2,100	15,000	380.0					

Table 5-10A
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-01 Fill 1.0 - 4.0 12/17/19	BH-01 RBSC * 6.0 - 8.0 12/17/19	BH-02 Fill 1.0 - 2.0 12/18/19	BH-03 Fill 1.0 - 4.0 12/18/19	BH-04 Fill 1.0 - 3.0 12/17/19
Pesticides (continued)									
Heptachlor Epoxide	NS	77.0 ●●	NS	NS			1.76 J	12.4	
Methoxychlor	NS	100,000 ●●	NS	NS			20.2 JN	4.30 JN	13.7 JN
Toxaphene	NS	NS	NS	NS					
2,4,5-TP (Silvex)	3,800	100,000	500,000	3,800					
PCBs (µg/kg)									
Aroclor 1232	NS	NS	NS	NS					
Aroclor 1242	NS	NS	NS	NS					
Aroclor 1248	NS	NS	NS	NS					
Aroclor 1254	NS	NS	NS	NS					
Aroclor 1260	NS	NS	NS	NS				30.8 J	
Aroclor 1262	NS	NS	NS	NS					
Aroclor 1268	NS	NS	NS	NS					
Total PCBs	100.0	1,000	1,000	3,200				30.8 J	
Metals (mg/kg)									
Antimony ■	NS	NS	NS	NS	NA	NA	NA	NA	NA
Arsenic ■	13.0	16.0	16.0	16.0	11.6	3.10	6.18	3.22	**14.4**
Barium	350.0	400.0	400.0	820.0	188.0	95.0	57.7	30.0	87.9
Beryllium ■	7.2	72.0	590.0	47.0	2.14	0.590	0.769	0.268 J	1.13
Cadmium ■	2.5	4.3	9.3	7.5	**4.49**	1.80	0.762	1.21	1.36
Chromium ■	30.0	180.0	1,500	NS	**82.1**	17.3	25.9	12.2	17.6
Cobalt	NS	30 ●●	NS	NS	NA	NA	NA	NA	NA
Copper ■	50.0	270.0	270.0	1,720	**86.9**	14.3	**55.4**	**92.7**	23.2
Total Cyanide	27.0	27.0	27.0	40.0		0.704	**101.0**	4.30	**188.0**
Lead ■	63.0	400.0	1,000	450.0	**97.2**	9.46	**71.3**	**1,390**	**160.0**
Manganese	1,600	2,000	10,000	2,000	**15,000**	465.0	1,430	483.0	594.0

Table 5-10A
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-01 Fill 1.0 - 4.0 12/17/19	BH-01 RBSC * 6.0 - 8.0 12/17/19	BH-02 Fill 1.0 - 2.0 12/18/19	BH-03 Fill 1.0 - 4.0 12/18/19	BH-04 Fill 1.0 - 3.0 12/17/19
Metals (continued)									
Mercury ■	0.18	0.81	2.80	0.73	0.0377	0.0111	**0.282**	0.0656	0.167
Nickel	30.0	310.0	310.0	130.0	**44.1**	19.4	13.5	11.6	8.49
Selenium ■	3.9	180.0	1,500	4.0	3.51		1.00 J		1.59
Silver ■	2.0	180.0	1,500	8.3	**4.75**	0.503	0.391 J	**10.0**	0.530
Thallium	NS	NS	NS	NS	NA	NA	NA	NA	NA
Titanium	NS	NS	NS	NS	NA	NA	NA	NA	NA
Vanadium	NS	100 ●●	NS	NS	NA	NA	NA	NA	NA
Zinc ■	109.0	10,000	10,000	2,480	**287.0**	57.3	**270.0**	**157.0**	**1,810**

Notes:

*** = Reddish brown silty clay.**
● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
■ = Environmental Protection Agency priority pollutant metal.
µg/kg = micrograms per kilogram or parts per billion.
mg/kg = milligrams per kilogram or parts per million.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.
NA = Not analyzed.
ND = Not detected. Used to denote PCB results only.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Table 5-10A
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

GMM checked this table against the lab reports on October 1, 2025.

GMM checked this table against the DUSRs on October 1, 2025. The following should be noted:

1. **The SVOC data sheets for samples BH-02 and BH-03 with the validator's qualifiers were not in the DUSRs.**
2. **The PCB data sheets for samples BH-01 (1-4), BH-01 (6-8), BH-02, and BH-04 with the validator's qualifiers were not in the DUSRs.**
3. **The metal data sheets with the validator's qualifiers were not in the DUSRs.**

Table 5-10B
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-05 Fill 1.0 - 4.0 12/18/19	BH-06 Fill 1.0 - 4.0 12/18/19	BH-08 Fill 1.0 - 3.0 12/17/19	BH-08 RBSC * 10.0 - 12.0 12/17/19	BH-10 Fill 1.0 - 2.0 12/18/19
Semi-Volatile Organic Compounds (µg/kg)									
2,4-Dimethylphenol	NS	NS	NS	NS					
2-Chlorophenol	NS	100,000 ●●	NS	NS					
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400	**1,140 J**	200 J			**1,040 J**
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0					
4-Chloro-3-Methylphenol	NS	NS	NS	NS					
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0					
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	3,610		525 J		
Acenapthylene (PAH)	100,000	100,000	500,000	107,000			833 J		
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	8,900	308.0	2,280 J		322.0
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**16,600**	**1,050**	**6,090 J**		**1,680**
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**12,500**	968.0	**4,710 J**		**1,190**
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**10,900**	**1,080**	**5,740 J**		**1,420**
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	6,230	706.0	2,890 J		713.0
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	**10,100**	599.0	**3,290 J**		**917.0**
Biphenyl	NS	NS	NS	NS					
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000					
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS					
Carbazole	NS	NS	NS	NS	5,010	239 J	1,380 J		
Chrysene (PAH)	1,000	3,900	56,000	1,000	**13,900**	**1,050**	**5,740 J**		**1,530**
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	**1,850**	268 J	**704 J**		238 J
Dibenzofuran	7,000	59,000	350,000	210,000	3,050		803 J		275 J
Diethylphthalate	NS	100,000 ●●	NS	NS					
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS					
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS					
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	37,000	2,380	16,600 J		2,730

Table 5-10B
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-05 Fill 1.0 - 4.0 12/18/19	BH-06 Fill 1.0 - 4.0 12/18/19	BH-08 Fill 1.0 - 3.0 12/17/19	BH-08 RBSC * 10.0 - 12.0 12/17/19	BH-10 Fill 1.0 - 2.0 12/18/19
Semi-Volatile Organic Compounds (continued)									
Fluorene (PAH)	30,000	100,000	500,000	386,000	4,020		1,080 J		
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**7,710**	**714.0**	**3,350 J**		**886.0**
Naphthalene (PAH)	12,000	100,000	500,000	12,000	1,710		828 J		788.0
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	36,200	1,440	9,850 J		1,680
Phenol	330.0	100,000	500,000	330.0					
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	25,100	1,550	12,100 J		2,150 J
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	92,000	14,000	**11.0 J**		**7.21 J**		
4,4'-DDE	3.3	8,900	62,000	17,000	1.81 JN				
4,4'-DDT	3.3	7,900	47,000	136,000	**10.5 J**	**6.55**	**9.06 J**		
Aldrin	5.0	97.0	680.0	190.0					
alpha-BHC	20.0	480.0	3,400	20.0					
alpha-Chlordane	94.0	4,200	24,000	2,900	3.48				
beta-BHC	36.0	360.0	3,000	90.0	1.81 JN				
delta-BHC	40.0	100,000	500,000	250.0					
gamma-BHC (Lindane)	100.0	1,300	9,200	100.0			2.90 JN		
gamma-Chlordane	NS	540.0 ●●	NS	NS	4.46 J	3.14 JN			
Dieldrin	5.0	200.0	1,400	100.0					
Endosulfan I	2,400	24,000	200,000	102,000					
Endosulfan II	2,400	24,000	200,000	102,000	1.72 JN				
Endosulfan Sulfate	2,400	24,000	200,000	1,000,000	14.2 J	2.42 JN	10.8 J		1.46 JN
Endrin	14.0	11,000	89,000	60.0	3.00 JN		3.68 JN		
Endrin Aldehyde	NS	NS	NS	NS	17.3	5.15			
Endrin Ketone	NS	NS	NS	NS	12.2 J	1.96 J	6.30 JN		
Heptachlor	42.0	2,100	15,000	380.0	2.46 JN				

Table 5-10B
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-05 Fill 1.0 - 4.0 12/18/19	BH-06 Fill 1.0 - 4.0 12/18/19	BH-08 Fill 1.0 - 3.0 12/17/19	BH-08 RBSC * 10.0 - 12.0 12/17/19	BH-10 Fill 1.0 - 2.0 12/18/19
Pesticides (continued)									
Heptachlor Epoxide	NS	77.0 ●●	NS	NS					
Methoxychlor	NS	100,000 ●●	NS	NS	24.9 JN	2.66 J	15.8 JN		
Toxaphene	NS	NS	NS	NS					
2,4,5-TP (Silvex)	3,800	100,000	500,000	3,800					
PCBs (µg/kg)									
Aroclor 1232	NS	NS	NS	NS					
Aroclor 1242	NS	NS	NS	NS					
Aroclor 1248	NS	NS	NS	NS					
Aroclor 1254	NS	NS	NS	NS		34.1 J			
Aroclor 1260	NS	NS	NS	NS					
Aroclor 1262	NS	NS	NS	NS					
Aroclor 1268	NS	NS	NS	NS					
Total PCBs	100.0	1,000	1,000	3,200		34.1 J			
Metals (mg/kg)									
Antimony ■	NS	NS	NS	NS	NA	NA	NA	NA	NA
Arsenic ■	13.0	16.0	16.0	16.0	9.25	4.78	**16.8**	1.28	6.98
Barium	350.0	400.0	400.0	820.0	65.0	59.4	89.6 J	156.0	114.0
Beryllium ■	7.2	72.0	590.0	47.0	0.413	0.380	0.718 J	1.17	1.05
Cadmium ■	2.5	4.3	9.3	7.5	2.14	1.03	1.76 J	1.33	1.71
Chromium ■	30.0	180.0	1,500	NS	**35.7**	14.6	29.9	**32.4**	**37.0**
Cobalt	NS	30 ●●	NS	NS	NA	NA	NA	NA	NA
Copper ■	50.0	270.0	270.0	1,720	**1,090**	**151.0**	**129 J**	16.9	**190.0**
Total Cyanide	27.0	27.0	27.0	40.0			26.1		19.2
Lead ■	63.0	400.0	1,000	450.0	**273.0**	**161.0**	**152.0**	9.76	**185.0**
Manganese	1,600	2,000	10,000	2,000	**2,150**	661.0	578 J	1,010	**6,360**

Table 5-10B
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-05 Fill 1.0 - 4.0 12/18/19	BH-06 Fill 1.0 - 4.0 12/18/19	BH-08 Fill 1.0 - 3.0 12/17/19	BH-08 RBSC * 10.0 - 12.0 12/17/19	BH-10 Fill 1.0 - 2.0 12/18/19
Metals (continued)									
Mercury ■	0.18	0.81	2.80	0.73	**0.220**	0.0489	0.128 J	0.0212	**0.856**
Nickel	30.0	310.0	310.0	130.0	27.4	11.1	17.8 J	**32.0**	14.2
Selenium ■	3.9	180.0	1,500	4.0	0.925 J		1.49	2.93	1.05
Silver ■	2.0	180.0	1,500	8.3	1.20	0.483 J	0.796		1.41
Thallium	NS	NS	NS	NS	NA	NA	NA	NA	NA
Titanium	NS	NS	NS	NS	NA	NA	NA	NA	NA
Vanadium	NS	100 ●●	NS	NS	NA	NA	NA	NA	NA
Zinc ■	109.0	10,000	10,000	2,480	**394.0**	**218.0**	**1,350**	72.0	**956.0**

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Table 5-10B
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

GMM checked this table against the lab reports on October 2, 2025.

GMM checked this table against the DUSRs on October 1, 2025. The following should be noted:

1. **The SVOC data sheets for sample BH-06 with the validator's qualifiers were not in the DUSRs.**
2. **The PCB data sheets for samples BH-05, BH-08 (1-3), BH-08 (10-12), and BH-10 with the validator's qualifiers were not in the DUSRs.**
3. **The metal data sheets for samples BH-05, BH-06, BH-08 (10-12), and BH-10 with the validator's qualifiers were not in the DUSRs.**

Table 5-10C
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-11 Fill 1.0 - 4.0 12/19/19	BH-11 RBSC * 6.0 - 8.0 12/19/19	BH-12 Fill 1.0 - 2.0 12/19/19	BH-13 Fill 1.0 - 2.0 12/18/19	TP-14 RBSC * 8.0 - 9.0 01/08/20
Semi-Volatile Organic Compounds (µg/kg)									
2,4-Dimethylphenol	NS	NS	NS	NS					
2-Chlorophenol	NS	100,000 ●●	NS	NS					
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400					
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0					
4-Chloro-3-Methylphenol	NS	NS	NS	NS					
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0					
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	1,920 J				
Acenapthylene (PAH)	100,000	100,000	500,000	107,000					232 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	8,250	718.0	550.0		309 J
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**27,900**	**3,340**	**2,670**	**2,460 J**	705 J
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**23,300**	**2,840**	**2,420**	**2,480 J**	936 J
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**25,700**	**2,940**	**2,590**	**3,260**	871 J
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	13,400	1,980	1,610		731 J
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	**13,400**	**1,830**	**1,480**		700 J
Biphenyl	NS	NS	NS	NS					
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000		483.0	378.0		
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS					
Carbazole	NS	NS	NS	NS	4,050	215 J	188 J		
Chrysene (PAH)	1,000	3,900	56,000	1,000	**23,300**	**2,700**	**2,220**	**2,670 J**	773 J
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	**4,600**	**609.0**	**428.0**		220 J
Dibenzofuran	7,000	59,000	350,000	210,000					
Diethylphthalate	NS	100,000 ●●	NS	NS					
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS					
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS					
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	58,400	7,170	5,560	5,530	1,400 J

Table 5-10C
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-11 Fill 1.0 - 4.0 12/19/19	BH-11 RBSC * 6.0 - 8.0 12/19/19	BH-12 Fill 1.0 - 2.0 12/19/19	BH-13 Fill 1.0 - 2.0 12/18/19	TP-14 RBSC * 8.0 - 9.0 01/08/20
Semi-Volatile Organic Compounds (continued)									
Fluorene (PAH)	30,000	100,000	500,000	386,000	2,210 J				
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**16,700**	**2,640**	**2,140**		**592 J**
Naphthalene (PAH)	12,000	100,000	500,000	12,000					
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	29,600	3,240	2,390	2,570 J	651 J
Phenol	330.0	100,000	500,000	330.0					
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	41,500	4,810	3,750 J	4,020	1,100 J
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	92,000	14,000					
4,4'-DDE	3.3	8,900	62,000	17,000	2.68 J		1.50 JN		
4,4'-DDT	3.3	7,900	47,000	136,000			**7.01**		**4.18 J**
Aldrin	5.0	97.0	680.0	190.0					
alpha-BHC	20.0	480.0	3,400	20.0	2.98 JN				
alpha-Chlordane	94.0	4,200	24,000	2,900	2.47 JN				
beta-BHC	36.0	360.0	3,000	90.0					
delta-BHC	40.0	100,000	500,000	250.0					
gamma-BHC (Lindane)	100.0	1,300	9,200	100.0	5.36 J		1.88 JN		4.84 J
gamma-Chlordane	NS	540.0 ●●	NS	NS					
Dieldrin	5.0	200.0	1,400	100.0					
Endosulfan I	2,400	24,000	200,000	102,000	2.38 J		1.60 J		
Endosulfan II	2,400	24,000	200,000	102,000			2.61 J		
Endosulfan Sulfate	2,400	24,000	200,000	1,000,000				2.24 J	2.73 J
Endrin	14.0	11,000	89,000	60.0					
Endrin Aldehyde	NS	NS	NS	NS					
Endrin Ketone	NS	NS	NS	NS			3.12 JN		
Heptachlor	42.0	2,100	15,000	380.0					

Table 5-10C
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-11 Fill 1.0 - 4.0 12/19/19	BH-11 RBSC * 6.0 - 8.0 12/19/19	BH-12 Fill 1.0 - 2.0 12/19/19	BH-13 Fill 1.0 - 2.0 12/18/19	TP-14 RBSC * 8.0 - 9.0 01/08/20
Pesticides (continued)									
Heptachlor Epoxide	NS	77.0 ●●	NS	NS					
Methoxychlor	NS	100,000 ●●	NS	NS	3.29 J		5.73 J		
Toxaphene	NS	NS	NS	NS					
2,4,5-TP (Silvex)	3,800	100,000	500,000	3,800	NA				
PCBs (µg/kg)									
Aroclor 1232	NS	NS	NS	NS					
Aroclor 1242	NS	NS	NS	NS					
Aroclor 1248	NS	NS	NS	NS					
Aroclor 1254	NS	NS	NS	NS			48.6 J		
Aroclor 1260	NS	NS	NS	NS					
Aroclor 1262	NS	NS	NS	NS					
Aroclor 1268	NS	NS	NS	NS					
Total PCBs	100.0	1,000	1,000	3,200			48.6 J		
Metals (mg/kg)									
Antimony ■	NS	NS	NS	NS	NA	NA	NA	NA	NA
Arsenic ■	13.0	16.0	16.0	16.0	4.10	5.15	5.17	3.45	2.97
Barium	350.0	400.0	400.0	820.0	248.0	132.0	130.0	17.9	33.8
Beryllium ■	7.2	72.0	590.0	47.0	0.246 J	0.972	1.61	0.173 J	
Cadmium ■	2.5	4.3	9.3	7.5	2.07	1.60	**3.01**	0.698	0.467
Chromium ■	30.0	180.0	1,500	NS	27.5	26.9	**63.0**	10.4	5.82
Cobalt	NS	30 ●●	NS	NS	NA	NA	NA	NA	NA
Copper ■	50.0	270.0	270.0	1,720	**84.4**	21.6	**179.0**	**345.0**	**297.0**
Total Cyanide	27.0	27.0	27.0	40.0			10.3		
Lead ■	63.0	400.0	1,000	450.0	**825.0**	9.70	**863.0**	**165.0**	52.5
Manganese	1,600	2,000	10,000	2,000	832.0	555.0	**8,640**	187.0	133.0

Table 5-10C
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-11 Fill 1.0 - 4.0 12/19/19	BH-11 RBSC * 6.0 - 8.0 12/19/19	BH-12 Fill 1.0 - 2.0 12/19/19	BH-13 Fill 1.0 - 2.0 12/18/19	TP-14 RBSC * 8.0 - 9.0 01/08/20
Metals (continued)									
Mercury ■	0.18	0.81	2.80	0.73	**0.217**	0.0178	**0.239 J**	0.0229	0.0638
Nickel	30.0	310.0	310.0	130.0	18.1	**31.5**	12.0	11.6	7.02
Selenium ■	3.9	180.0	1,500	4.0	0.646 J	0.994 J			1.94
Silver ■	2.0	180.0	1,500	8.3	1.22	0.727	**3.22**		
Thallium	NS	NS	NS	NS	NA	NA	NA	NA	NA
Titanium	NS	NS	NS	NS	NA	NA	NA	NA	NA
Vanadium	NS	100 ●●	NS	NS	NA	NA	NA	NA	NA
Zinc ■	109.0	10,000	10,000	2,480	**1,660**	83.6	**4,240**	862.0	92.4

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Table 5-10C
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

GMM checked this table against the lab reports on October 1, 2025.

GMM checked this table against the DUSRs on October 1, 2025. The following should be noted:

1. **The SVOC data sheets for samples BH-11 (6-8) and BH-12 with the validator's qualifiers were not in the DUSRs.**
2. **The PCB data sheets for samples BH-11 (1-4), BH-11 (6-8), BH-13, and TP-14 with the validator's qualifiers were not in the DUSRs.**
3. **The metal data sheets with the validator's qualifiers were not in the DUSRs.**

Table 5-10D
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	TP-16 Fill 1.0 - 3.0 01/08/20	TP-17 RBSC * 3.0 - 4.0 01/08/20	MW-4 RBSC * 12.0 - 13.0 01/14/20	SSB-1 Fill 0.0 - 4.0 03/18/20	SSB-2 RBSC * 6.0 - 8.0 03/18/20
Semi-Volatile Organic Compounds (µg/kg)									
2,4-Dimethylphenol	NS	NS	NS	NS			NA		NA
2-Chlorophenol	NS	100,000 ●●	NS	NS			"		"
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400			"	300 J	"
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0			"		"
4-Chloro-3-Methylphenol	NS	NS	NS	NS			"		"
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0			"		"
Acenaphthene (PAH)	20,000	100,000	500,000	98,000			"		"
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	500 J		"		"
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	955 J		"	268 J	"
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**1,950 J**		"	830.0	"
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**1,570 J**		"	788.0	"
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**1,630 J**		"	734.0	"
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	1,050 J		"	590.0	"
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	**1,280 J**		"	653.0	"
Biphenyl	NS	NS	NS	NS			"		"
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000			"		"
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS			"		"
Carbazole	NS	NS	NS	NS	422 J		"	206 J	"
Chrysene (PAH)	1,000	3,900	56,000	1,000	**1,780 J**		"	947.0	"
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	**362 J**		"		"
Dibenzofuran	7,000	59,000	350,000	210,000			"		"
Diethylphthalate	NS	100,000 ●●	NS	NS			"		"
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS			"		"
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS			"		"
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	4,550 J		"	1,900	"

Table 5-10D
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	TP-16 Fill 1.0 - 3.0 01/08/20	TP-17 RBSC * 3.0 - 4.0 01/08/20	MW-4 RBSC * 12.0 - 13.0 01/14/20	SSB-1 Fill 0.0 - 4.0 03/18/20	SSB-2 RBSC * 6.0 - 8.0 03/18/20
Semi-Volatile Organic Compounds (continued)									
Fluorene (PAH)	30,000	100,000	500,000	386,000	274 J		NA		NA
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**901 J**		"	478.0	"
Naphthalene (PAH)	12,000	100,000	500,000	12,000			"	251 J	"
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	2,940 J		"	1,660	"
Phenol	330.0	100,000	500,000	330.0			"		"
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	3,120 J		"	1,730	"
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	92,000	14,000	2.80 J		NA		NA
4,4'-DDE	3.3	8,900	62,000	17,000			"		"
4,4'-DDT	3.3	7,900	47,000	136,000	**4.09 J**		"		"
Aldrin	5.0	97.0	680.0	190.0			"		"
alpha-BHC	20.0	480.0	3,400	20.0			"		"
alpha-Chlordane	94.0	4,200	24,000	2,900	1.91 J		"		"
beta-BHC	36.0	360.0	3,000	90.0			"		"
delta-BHC	40.0	100,000	500,000	250.0			"		"
gamma-BHC (Lindane)	100.0	1,300	9,200	100.0			"		"
gamma-Chlordane	NS	540.0 ●●	NS	NS	2.11 J		"		"
Dieldrin	5.0	200.0	1,400	100.0			"		"
Endosulfan I	2,400	24,000	200,000	102,000			"		"
Endosulfan II	2,400	24,000	200,000	102,000			"		"
Endosulfan Sulfate	2,400	24,000	200,000	1,000,000	3.50		"	1.87 JP	"
Endrin	14.0	11,000	89,000	60.0			"		"
Endrin Aldehyde	NS	NS	NS	NS			"		"
Endrin Ketone	NS	NS	NS	NS	2.60 JN		"		"
Heptachlor	42.0	2,100	15,000	380.0			"		"

Table 5-10D
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	TP-16 Fill 1.0 - 3.0 01/08/20	TP-17 RBSC * 3.0 - 4.0 01/08/20	MW-4 RBSC * 12.0 - 13.0 01/14/20	SSB-1 Fill 0.0 - 4.0 03/18/20	SSB-2 RBSC * 6.0 - 8.0 03/18/20
Pesticides (continued)									
Heptachlor Epoxide	NS	77.0 ●●	NS	NS			NA		NA
Methoxychlor	NS	100,000 ●●	NS	NS	7.18 JN		"		"
Toxaphene	NS	NS	NS	NS			"		"
2,4,5-TP (Silvex)	3,800	100,000	500,000	3,800			"	NA	"
PCBs (µg/kg)									
Aroclor 1232	NS	NS	NS	NS			NA		NA
Aroclor 1242	NS	NS	NS	NS			"		"
Aroclor 1248	NS	NS	NS	NS			"		"
Aroclor 1254	NS	NS	NS	NS			"		"
Aroclor 1260	NS	NS	NS	NS			"		"
Aroclor 1262	NS	NS	NS	NS			"		"
Aroclor 1268	NS	NS	NS	NS			"		"
Total PCBs	100.0	1,000	1,000	3,200			"		"
Metals (mg/kg)									
Antimony ■	NS	NS	NS	NS	NA	NA	NA	NA	NA
Arsenic ■	13.0	16.0	16.0	16.0	2.55	3.55	"	**17.3**	"
Barium	350.0	400.0	400.0	820.0	44.4	171.0	"	132.0	"
Beryllium ■	7.2	72.0	590.0	47.0	0.181 J	0.897	"		"
Cadmium ■	2.5	4.3	9.3	7.5	0.248 J	0.523	"	**2.52**	"
Chromium ■	30.0	180.0	1,500	NS	7.95	25.1	"	20.7	"
Cobalt	NS	30 ●●	NS	NS	NA	NA	"	NA	"
Copper ■	50.0	270.0	270.0	1,720	21.8	23.3	"	**3,390**	"
Total Cyanide	27.0	27.0	27.0	40.0			"		"
Lead ■	63.0	400.0	1,000	450.0	**74.5**	11.7	"	**2,240**	"
Manganese	1,600	2,000	10,000	2,000	175.0	520.0	"	518.0	"

Table 5-10D
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	TP-16 Fill 1.0 - 3.0 01/08/20	TP-17 RBSC * 3.0 - 4.0 01/08/20	MW-4 RBSC * 12.0 - 13.0 01/14/20	SSB-1 Fill 0.0 - 4.0 03/18/20	SSB-2 RBSC * 6.0 - 8.0 03/18/20
Metals (continued)									
Mercury ■	0.18	0.81	2.80	0.73	0.0332	0.0145	NA	**0.34**	NA
Nickel	30.0	310.0	310.0	130.0	8.43	28.8	"	**36.7**	"
Selenium ■	3.9	180.0	1,500	4.0	1.08	0.673 J	"	2.98	"
Silver ■	2.0	180.0	1,500	8.3			"	**2.44**	"
Thallium	NS	NS	NS	NS	NA	NA	"	NA	"
Titanium	NS	NS	NS	NS	NA	NA	"	NA	"
Vanadium	NS	100 ●●	NS	NS	NA	NA	"	NA	"
Zinc ■	109.0	10,000	10,000	2,480	**129.0**	64.5	"	**4,940**	"

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Table 5-10D
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

GMM checked this table against the lab reports on October 1, 2025.

GMM checked this table against the DUSRs on October 1, 2025. The following should be noted:

1. **The PCB data sheets for samples TP-16 & TP-17 with the validator's qualifiers were not in the DUSRs.**
2. **The metal data sheets for samples TP-16 & TP-17 with the validator's qualifiers were not in the DUSRs.**
3. **DUSRs for samples SSB-1 & SSB-2 were not included in the BCP RI Report.**

Table 5-10E
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SSB-2 RBSC * 9.0 - 11.0 03/18/20	SSB-3 RBSC * 10.0 - 11.0 03/19/20	SSB-4 RBSC * 10.0 - 12.0 03/19/20	SSB-5 RBSC * 6.0 - 7.0 03/19/20	
Semi-Volatile Organic Compounds (µg/kg)									
2,4-Dimethylphenol	NS	NS	NS	NS	NA	NA	NA	NA	
2-Chlorophenol	NS	100,000 ●●	NS	NS	"	"	"	"	
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400	"	"	"	"	
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	"	"	"	"	
4-Chloro-3-Methylphenol	NS	NS	NS	NS	"	"	"	"	
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	"	"	"	"	
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	"	"	"	"	
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	"	"	"	"	
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	"	"	"	"	
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	"	"	"	"	
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	"	"	"	"	
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	"	"	"	"	
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	"	"	"	"	
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	"	"	"	"	
Biphenyl	NS	NS	NS	NS	"	"	"	"	
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	"	"	"	"	
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	"	"	"	"	
Carbazole	NS	NS	NS	NS	"	"	"	"	
Chrysene (PAH)	1,000	3,900	56,000	1,000	"	"	"	"	
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	"	"	"	"	
Dibenzofuran	7,000	59,000	350,000	210,000	"	"	"	"	
Diethylphthalate	NS	100,000 ●●	NS	NS	"	"	"	"	
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	"	"	"	"	
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	"	"	"	"	
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	"	"	"	"	

Table 5-10E
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SSB-2 RBSC * 9.0 - 11.0 03/18/20	SSB-3 RBSC * 10.0 - 11.0 03/19/20	SSB-4 RBSC * 10.0 - 12.0 03/19/20	SSB-5 RBSC * 6.0 - 7.0 03/19/20	
Semi-Volatile Organic Compounds (continued)									
Fluorene (PAH)	30,000	100,000	500,000	386,000	NA	NA	NA	NA	
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	"	"	"	"	
Naphthalene (PAH)	12,000	100,000	500,000	12,000	"	"	"	"	
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	"	"	"	"	
Phenol	330.0	100,000	500,000	330.0	"	"	"	"	
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	"	"	"	"	
Pesticides (ug/kg)									
4,4'-DDD	3.3	13,000	92,000	14,000	NA	NA	NA	NA	
4,4'-DDE	3.3	8,900	62,000	17,000	"	"	"	"	
4,4'-DDT	3.3	7,900	47,000	136,000	"	"	"	"	
Aldrin	5.0	97.0	680.0	190.0	"	"	"	"	
alpha-BHC	20.0	480.0	3,400	20.0	"	"	"	"	
alpha-Chlordane	94.0	4,200	24,000	2,900	"	"	"	"	
beta-BHC	36.0	360.0	3,000	90.0	"	"	"	"	
delta-BHC	40.0	100,000	500,000	250.0	"	"	"	"	
gamma-BHC (Lindane)	100.0	1,300	9,200	100.0	"	"	"	"	
gamma-Chlordane	NS	540.0 ●●	NS	NS	"	"	"	"	
Dieldrin	5.0	200.0	1,400	100.0	"	"	"	"	
Endosulfan I	2,400	24,000	200,000	102,000	"	"	"	"	
Endosulfan II	2,400	24,000	200,000	102,000	"	"	"	"	
Endosulfan Sulfate	2,400	24,000	200,000	1,000,000	"	"	"	"	
Endrin	14.0	11,000	89,000	60.0	"	"	"	"	
Endrin Aldehyde	NS	NS	NS	NS	"	"	"	"	
Endrin Ketone	NS	NS	NS	NS	"	"	"	"	
Heptachlor	42.0	2,100	15,000	380.0	"	"	"	"	

Table 5-10E
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SSB-2 RBSC * 9.0 - 11.0 03/18/20	SSB-3 RBSC * 10.0 - 11.0 03/19/20	SSB-4 RBSC * 10.0 - 12.0 03/19/20	SSB-5 RBSC * 6.0 - 7.0 03/19/20	
Pesticides (continued)									
Heptachlor Epoxide	NS	77.0 ●●	NS	NS	NA	NA	NA	NA	
Methoxychlor	NS	100,000 ●●	NS	NS	"	"	"	"	
Toxaphene	NS	NS	NS	NS	"	"	"	"	
2,4,5-TP (Silvex)	3,800	100,000	500,000	3,800	"	"	"	"	
PCBs (µg/kg)									
Aroclor 1232	NS	NS	NS	NS	NA	NA	NA	NA	
Aroclor 1242	NS	NS	NS	NS	"	"	"	"	
Aroclor 1248	NS	NS	NS	NS	"	"	"	"	
Aroclor 1254	NS	NS	NS	NS	"	"	"	"	
Aroclor 1260	NS	NS	NS	NS	"	"	"	"	
Aroclor 1262	NS	NS	NS	NS	"	"	"	"	
Aroclor 1268	NS	NS	NS	NS	"	"	"	"	
Total PCBs	100.0	1,000	1,000	3,200	"	"	"	"	
Metals (mg/kg)									
Antimony ■	NS	NS	NS	NS	NA	NA	NA	NA	
Arsenic ■	13.0	16.0	16.0	16.0	"	"	"	"	
Barium	350.0	400.0	400.0	820.0	"	"	"	"	
Beryllium ■	7.2	72.0	590.0	47.0	"	"	"	"	
Cadmium ■	2.5	4.3	9.3	7.5	"	"	"	"	
Chromium ■	30.0	180.0	1,500	NS	"	"	"	"	
Cobalt	NS	30 ●●	NS	NS	"	"	"	"	
Copper ■	50.0	270.0	270.0	1,720	"	"	"	"	
Total Cyanide	27.0	27.0	27.0	40.0	"	"	"	"	
Lead ■	63.0	400.0	1,000	450.0	"	"	"	"	
Manganese	1,600	2,000	10,000	2,000	"	"	"	"	

Table 5-10E
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SSB-2 RBSC * 9.0 - 11.0 03/18/20	SSB-3 RBSC * 10.0 - 11.0 03/19/20	SSB-4 RBSC * 10.0 - 12.0 03/19/20	SSB-5 RBSC * 6.0 - 7.0 03/19/20	
Metals (continued)									
Mercury ■	0.18	0.81	2.80	0.73	NA	NA	NA	NA	
Nickel	30.0	310.0	310.0	130.0	"	"	"	"	
Selenium ■	3.9	180.0	1,500	4.0	"	"	"	"	
Silver ■	2.0	180.0	1,500	8.3	"	"	"	"	
Thallium	NS	NS	NS	NS	"	"	"	"	
Titanium	NS	NS	NS	NS	"	"	"	"	
Vanadium	NS	100 ●●	NS	NS	"	"	"	"	
Zinc ■	109.0	10,000	10,000	2,480	"	"	"	"	

Notes:

*** = Reddish brown silty clay.**
● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.
●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.
■ = Environmental Protection Agency priority pollutant metal.
µg/kg = micrograms per kilogram or parts per billion.
mg/kg = milligrams per kilogram or parts per million.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.
NA = Not analyzed.
ND = Not detected. Used to denote PCB results only.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Table 5-10E
Summary of Subsurface Fill & Soil Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

GMM checked this table against the lab reports on October 2, 2025.

Table 5-11A
Summary of Subsurface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-01 Fill 1.0 - 4.0 12/17/19	BH-01 RB Clay * 6.0 - 8.0 12/17/19	BH-02 Fill 1.0 - 2.0 12/18/19	BH-03 Fill 1.0 - 4.0 12/18/19	BH-05 Fill 1.0 - 4.0 12/18/19
Perfluoroalkyl Carboxylic Acids (µg/kg)									
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	NS					0.026 J
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	NS					
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	NS	0.061 J				
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	NS					
Perfluorooctanoic Acid (PFOA)	0.66 G	33.0 G	500 G	0.8 G	0.085 J				0.090 J
Perfluorononanoic Acid (PFNA)	NS	NS	NS	NS					
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	NS					
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	NS					
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	NS					
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	NS					
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	NS					
Perfluoroalkyl Sulfonic Acids (µg/kg)									
Perfluorobutanesulfonic Acid (PFBS)	NS	NS	NS	NS					
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	NS					
Perfluoroheptanesulfonic Acid (PFHpS)	NS	NS	NS	NS					
Perfluorooctanesulfonic Acid (PFOS)	0.88 G	44.0 G	440 G	1.0 G			0.242 J	0.310 J	**1.08 J**
Perfluorodecanesulfonic Acid (PFDS)	NS	NS	NS	NS					
Fluorotelomer Sulfonic Acids (µg/kg)									
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	NS	NS	NS	NS					
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	NS	NS	NS	NS					
Perfluorooctane Sulfonamides (µg/kg)									
Perfluorooctanesulfonamide (PFOSA)	NS	NS	NS	NS					
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NS	NS	NS	NS					
Perfluorooctane Sulfonamidoacetic Acids (µg/kg)									
N-Ethyl Perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	NS	NS				0.136 J	
1,4-Dioxane (mg/kg)									
1,4-Dioxane	0.1	13.0	130.0	0.1					

Table 5-11A
Summary of Subsurface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

*** = Reddish brown silty clay.**

● = Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, NYSDEC, April 2023; or 6 NYCRR Part 375: Environmental Remediation Programs, Soil Cleanup Objectives, NYSDEC, 2006.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

G = Guidance value.

J = Compound reported at an estimated concentration below the reporting limit.

NA = Not analyzed.

NS = No standard or guidance value available.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives and the protection of groundwater soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives and the protection of groundwater soil cleanup objectives.

GMM checked this table against the lab reports on October 2, 2025.

GMM checked this table against the DUSRs on October 2, 2025. The following should be noted:

1. **The PFAS data sheets for samples BH-01 (1-4) and BH-01 (6-8) with the validator's qualifiers were not in the DUSRs.**
2. **The 1,4-dioxane data sheets for samples BH-01 (1-4) and BH-01 (6-8) with the validator's qualifiers were not in the DUSRs.**

Table 5-11B
Summary of Subsurface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-06 Fill 1.0 - 4.0 12/18/19	BH-08 Fill 1.0 - 3.0 12/17/19	BH-10 Fill 1.0 - 2.0 12/18/19	BH-11 Fill 1.0 - 4.0 12/19/19	BH-11 RB Clay * 6.0 - 8.0 12/19/19
Perfluoroalkyl Carboxylic Acids (µg/kg)									
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	NS	0.042 J				
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	NS					
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	NS		0.054 J			
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	NS					
Perfluorooctanoic Acid (PFOA)	0.66 G	33.0 G	500 G	0.8 G	0.084 J		0.125 J		
Perfluorononanoic Acid (PFNA)	NS	NS	NS	NS					
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	NS					
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	NS					
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	NS					
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	NS					
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	NS					
Perfluoroalkyl Sulfonic Acids (µg/kg)									
Perfluorobutanesulfonic Acid (PFBS)	NS	NS	NS	NS					
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	NS					
Perfluoroheptanesulfonic Acid (PFHpS)	NS	NS	NS	NS					
Perfluorooctanesulfonic Acid (PFOS)	0.88 G	44.0 G	440 G	1.0 G	0.656 J		0.512 J	0.156 J	
Perfluorodecanesulfonic Acid (PFDS)	NS	NS	NS	NS					
Fluorotelomer Sulfonic Acids (µg/kg)									
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	NS	NS	NS	NS					
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	NS	NS	NS	NS					
Perfluorooctane Sulfonamides (µg/kg)									
Perfluorooctanesulfonamide (PFOSA)	NS	NS	NS	NS					
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NS	NS	NS	NS					
Perfluorooctane Sulfonamidoacetic Acids (µg/kg)									
N-Ethyl Perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	NS	NS					
1,4-Dioxane (mg/kg)									
1,4-Dioxane	0.1	13.0	130.0	0.1					

Table 5-11B
Summary of Subsurface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

*** = Reddish brown silty clay.**

● = Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, NYSDEC, April 2023; or 6 NYCRR Part 375: Environmental Remediation Programs, Soil Cleanup Objectives, NYSDEC, 2006.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

G = Guidance value.

J = Compound reported at an estimated concentration below the reporting limit.

NA = Not analyzed.

NS = No standard or guidance value available.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives and the protection of groundwater soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives and the protection of groundwater soil cleanup objectives.

GMM checked this table against the lab reports on October 2, 2025. Sample BH-11 (1-4) is listed as sample BH-04 (1-4).

GMM checked this table against the DUSRs on October 2, 2025. The following should be noted:

1. **The PFAS data sheets for sample BH-08 with the validator's qualifiers were not in the DUSRs.**
2. **The 1,4-dioxane data sheets for samples BH-01 (1-4) and BH-01 (6-8) with the validator's qualifiers were not in the DUSRs.**

Table 5-11C
Summary of Subsurface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	BH-12 Fill 1.0 - 2.0 12/19/19	BH-13 Fill 1.0 - 2.0 12/18/19	TP-14 RB Clay * 8.0 - 9.0 01/08/20	TP-16 Fill 1.0 - 3.0 01/08/20	TP-17 RB Clay * 3.0 - 4.0 01/08/20
Perfluoroalkyl Carboxylic Acids (µg/kg)									
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	NS					
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	NS			0.102 J		
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	NS			0.108 J	0.073 J	
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	NS			0.051 J		
Perfluorooctanoic Acid (PFOA)	0.66 G	33.0 G	500 G	0.8 G	0.046 J		0.102 J	0.057 J	
Perfluorononanoic Acid (PFNA)	NS	NS	NS	NS					
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	NS					
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	NS					
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	NS					
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	NS					
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	NS					
Perfluoroalkyl Sulfonic Acids (µg/kg)									
Perfluorobutanesulfonic Acid (PFBS)	NS	NS	NS	NS					
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	NS					
Perfluoroheptanesulfonic Acid (PFHpS)	NS	NS	NS	NS					
Perfluorooctanesulfonic Acid (PFOS)	0.88 G	44.0 G	440 G	1.0 G			0.277 J	0.155 J	
Perfluorodecanesulfonic Acid (PFDS)	NS	NS	NS	NS					
Fluorotelomer Sulfonic Acids (µg/kg)									
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	NS	NS	NS	NS					
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	NS	NS	NS	NS					
Perfluorooctane Sulfonamides (µg/kg)									
Perfluorooctanesulfonamide (PFOSA)	NS	NS	NS	NS					
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NS	NS	NS	NS					
Perfluorooctane Sulfonamidoacetic Acids (µg/kg)									
N-Ethyl Perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	NS	NS					
1,4-Dioxane (mg/kg)									
1,4-Dioxane	0.1	13.0	130.0	0.1					

Table 5-11C
Summary of Subsurface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Notes:

*** = Reddish brown silty clay.**

● = Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, NYSDEC, April 2023; or 6 NYCRR Part 375: Environmental Remediation Programs, Soil Cleanup Objectives, NYSDEC, 2006.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

G = Guidance value.

J = Compound reported at an estimated concentration below the reporting limit.

NA = Not analyzed.

NS = No standard or guidance value available.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives and the protection of groundwater soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives and the protection of groundwater soil cleanup objectives.

GMM checked this table against the lab reports on October 2, 2025. The results for samples TP-14, TP-16, and TP-17 were not in the lab reports, but they were in the DUSRs.

GMM checked this table against the DUSRs on October 2, 2025.

Table 5-11D
Summary of Subsurface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SSB-1 Fill 0.0 - 4.0 03/18/20				
Perfluoroalkyl Carboxylic Acids (µg/kg)									
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	NS					
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	NS					
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	NS	0.097				
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	NS					
Perfluorooctanoic Acid (PFOA)	0.66 G	33.0 G	500 G	0.8 G					
Perfluorononanoic Acid (PFNA)	NS	NS	NS	NS					
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	NS					
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	NS					
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	NS					
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	NS					
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	NS					
Perfluoroalkyl Sulfonic Acids (µg/kg)									
Perfluorobutanesulfonic Acid (PFBS)	NS	NS	NS	NS					
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	NS					
Perfluoroheptanesulfonic Acid (PFHpS)	NS	NS	NS	NS					
Perfluorooctanesulfonic Acid (PFOS)	0.88 G	44.0 G	440 G	1.0 G					
Perfluorodecanesulfonic Acid (PFDS)	NS	NS	NS	NS					
Fluorotelomer Sulfonic Acids (µg/kg)									
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	NS	NS	NS	NS					
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	NS	NS	NS	NS					
Perfluorooctane Sulfonamides (µg/kg)									
Perfluorooctanesulfonamide (PFOSA)	NS	NS	NS	NS					
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NS	NS	NS	NS					
Perfluorooctane Sulfonamidoacetic Acids (µg/kg)									
N-Ethyl Perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	NS	NS					
1,4-Dioxane (mg/kg)									
1,4-Dioxane	0.1	13.0	130.0	0.1	NA				

Table 5-11D
Summary of Subsurface Soil Analytical Results for Emerging Contaminants from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

*** = Reddish brown silty clay.**

● = Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, NYSDEC, April 2023; or 6 NYCRR Part 375: Environmental Remediation Programs, Soil Cleanup Objectives, NYSDEC, 2006.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

G = Guidance value.

J = Compound reported at an estimated concentration below the reporting limit.

NA = Not analyzed.

NS = No standard or guidance value available.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives and the protection of groundwater soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives and the protection of groundwater soil cleanup objectives.

The results for sample SSB-1 were not in the lab reports nor in the DUSRs. These results could not be checked.

Table 5-12
Summary of Subsurface Fill & Soil Analytical Results from the Bike Path Soil Borings
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Point Sample Type Depth (ft) Sample Date	NYSDEC Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-100 Silty Clay 26.0' - 27.0' 09/18/20	SB-103 Sand 22.0' - 22.5' 09/18/20	SB-106 Foundry Sand 17.0' - 18.0' 09/18/20
Semi-Volatile Organic Compounds (µg/kg)							
2,4-Dinitrotoluene	NS	NS	NS	NS			
2-Methylnaphthalene (PAH)	NS	410 **	NS	36,400	**870,000**	**110,000**	**2,200 J**
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	**110,000**	**59,000**	**17,000**
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	**380,000**	7,100	790 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	**240,000**	33,000	18,000
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**130,000**	**18,000**	**18,000**
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**130,000**	**17,000**	**16,000**
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**66,000**	**9,100**	**16,000**
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	51,000	6,700	7,100
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	**30,000**	**4,200**	**7,200**
Biphenyl	NS	NS	NS	NS	130,000	17,000	
Bis(2-ethylhexyl) phthalate	NS	50,000 **	NS	435,000			
Carbazole	NS	NS	NS	NS	2,800 J	330 J	4,500
Chrysene (PAH)	1,000	3,900	56,000	1,000	**110,000**	**13,000**	**18,000**
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	**12,000 J**	**1,600 J**	**2,000 J**
Dibenzofuran	7,000	59,000	350,000	210,000		4,400	**10,000**
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	**220,000**	29,000	61,000
Fluorene (PAH)	30,000	100,000	500,000	386,000	**200,000**	26,000	16,000
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**34,000**	**4,500**	**5,800**
Naphthalene (PAH)	12,000	100,000	500,000	12,000	**1,100,000**	**130,000**	2,800 J
N-Nitrosodiphenylamine	NS	NS	NS	NS			
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	**840,000**	**110,000**	78,000
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	**480,000**	62,000	51,000

Notes:

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

**** = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.**

Table 5-12
Summary of Subsurface Fill & Soil Analytical Results from the Bike Path Soil Borings
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

µg/kg = micrograms per kilogram or parts per billion.
B = Analyte detected in the associated blank, as well as in the sample (organics).
F1 = MS and/or MSD recovery is outside accptance limits.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
M = Matrix spike recoveries outside QC limits. Matrix bias indicated.
P = Concentration differs by more than 40% between the primary and secondary analytical columns.
NA = Not analyzed.
NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.
Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.
Gray shaded values exceed the 6 NYCRR Part 375 restricted residential and groundwater protection soil cleanup objectives, but not the commercial soil cleanup objectives.
Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.
Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.
Red shaded values exceed the CP-51 residential soil cleanup objectives.
This table was in the 31 Tonawanda Street Off-Site Remedial Investigation Report so it would have been checked.

Table 5-13A
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-01					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Reworked	Alluvium	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	4.0 - 5.0	7.0 - 9.0	10.0 - 15.0	17.0 - 19.0	21.0 - 23.0	28.0 - 30.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	580 J	34.0 J	26.0 J	35.0 J	R	R
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	**620 J**	42.0 J	31.0 J	32.0 J	8.7 J	R
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	110 J	12.0 J	11.0 J	11.0 J	R	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	R	11.0 J	R	R	R	R
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	150 J	23.0 J	23.0 J	17.0 J	R	R
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	670 J	72.0 J	91.0 J	69.0 J	R	13.0 J
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	600 J	68.0 J	96.0 J	65.0 J	R	13.0 J
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	870 J	110 J	190 J	120 J	R	19.0 J
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	370 J	66.0 J	81.0 J	71.0 J	R	R
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	300 J	32.0 J	56.0 J	44.0 J	R	R
Biphenyl	NS	NS	NS	NS	69.0 J	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	110 J	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	760 J	90.0 J	130 J	92.0 J	R	15.0 J
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	100 J	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	170 J	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13A
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-01					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	Reworked	Reworked	Alluvium	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	4.0 - 5.0	7.0 - 9.0	10.0 - 15.0	17.0 - 19.0	21.0 - 23.0	28.0 - 30.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	1,400 J	170 J	190 J	150 J	15.0 J	26.0 J
Fluorene (PAH)	30,000	100,000	500,000	386,000	96.0 J	18.0 J	11.0 J	R	R	R
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	340 J	62.0 J	90.0 J	65.0 J	R	R
Naphthalene (PAH)	12,000	100,000	500,000	12,000	620 J	33.0 J	26.0 J	34.0 J	11.0 J	9.8
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	1,100 J	110 J	100 J	83.0 J	14.0 J	21.0 J
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	1,400 J	160 J	200 J	130 J	27.0 J	31.0 J
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	81.8	82.0	82.0	66.3	87.3	84.5
Ammonia (mg/kg)	NS	NS	NS	NS			15.0 J	100 J	25.0 J	18.0 J
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	8.2	R	R	R	0.54 J	0.86J

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13A
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13B
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-02					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Alluvium	Alluvium	Alluvium	Alluvium
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	3.0 - 5.0	7.0 - 9.0	14.0 - 15.0	19.0 - 20.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	5,800 J	R	52.0 J	310 J	300,000 J	880,000 J
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	**7,400 J**	R	100 J	280 J	**480,000 J**	**1,500,000 J**
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	**820 J**	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	R	R	R	32.0 J	**51,000 J**	**130,000 J**
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	R	R	R	R	**120,000 J**	**470,000 J**
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	230 J	R	88.0 J	R	80,000 J	**270,000 J**
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	920 J	R	200 J	14.0 J	**43,000 J**	**100,000 J**
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	820 J	R	130 J	R	**42,000 J**	**140,000 J**
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**1,100 J**	R	150 J	R	**25,000 J**	**82,000 J**
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	420 J	R	R	R	19,000 J	56,000 J
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	440 J	R	65.0 J	R	**11,000 J**	**78,000 J**
Biphenyl	NS	NS	NS	NS	390 J	R	R	R	55,000 J	190,000 J
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	270 J	R	R	R	R	10,000 J
Chrysene (PAH)	1,000	3,900	56,000	1,000	**1,200 J**	R	180 J	R	**34,000 J**	**110,000 J**
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	190 J	R	R	R	**3,900 J**	**26,000 J**
Dibenzofuran	7,000	59,000	350,000	210,000	1,900 J	R	R	R	R	**110,000 J**
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13B
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-02					
Sample Type	Part 375	NYSDEC Restricted	NYSDEC Part 375	Part 375 Groundwater	Fill	Reworked	Alluvium	Alluvium	Alluvium	Alluvium
Depth (ft)	Unrestricted	Residential	Commercial	Protection	3.0 - 5.0	7.0 - 9.0	14.0 - 15.0	19.0 - 20.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	1,600 J	13.0 J	360 J	18.0 J	83,000 J	**270,000 J**
Fluorene (PAH)	30,000	100,000	500,000	386,000	R	R	120 J	R	**84,000 J**	**280,000 J**
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	450 J	R	R	R	**16,000 J**	**100,000 J**
Naphthalene (PAH)	12,000	100,000	500,000	12,000	4,800 J	25.0 J	230 J	11,000 J	**770,000 J**	**2,600,000 J**
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	3,400 J	15.0 J	340 J	39.0 J	**350,000 J**	**970,000 J**
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	1,900 J	R	420 J	28.0 J	**160,000 J**	**580,000 J**
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	52.0	66.3	31.9	47.1	81.1	67.4
Ammonia (mg/kg)	NS	NS	NS	NS		83.0	280.0	52.0	16.0 J	19.0 J
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	16.0 J	R	R	R	R	R

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13B
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

Table checked by GMM on July 17, 2026 and updated with the validator's qualifiers.

Table 5-13C
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-03					
Sample Type	Part 375	NYSDEC Restricted	NYSDEC Part 375	Part 375 Groundwater	Fill	Reworked	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	3.0 - 5.0	7.0 - 9.0	13.0 - 15.0	17.0 - 19.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	R	R	R	R	11.0 J	R
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	R	R	R	R	20.0 J	R
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	R	R	R	R	R	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	R	R	R	R	R	R
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	R	R	R	R	R	R
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	R	12.0 J	21.0 J	53.0 J	R	R
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	R	R	22.0 J	70.0 J	R	R
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	R	20.0 J	36.0 J	130 J	R	R
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	R	R	21.0 J	80.0 J	R	R
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	R	9.7 J	14.0 J	44.0 J	R	R
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	R	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	R	9.2 J	26.0 J	74.0 J	R	R
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	R	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	R	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13C
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-03					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	3.0 - 5.0	7.0 - 9.0	13.0 - 15.0	17.0 - 19.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	R	18.0 J	47.0 J	150 J	R	R
Fluorene (PAH)	30,000	100,000	500,000	386,000	R	R	R	R	R	R
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	R	R	21.0 J	81.0 J	R	R
Naphthalene (PAH)	12,000	100,000	500,000	12,000	R	R	R	16.0 J	31.0 J	11.0 J
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	R	7.9 J	16.0 J	45.0 J	22.0 J	7.7 J
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	R	15.0 J	36.0 J	120 J	12.0 J	12.0 J
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	83.7	72.0	80.3	45.1	75.0	65.1
Ammonia (mg/kg)	NS	NS	NS	NS	55.0	130.0	15.0		17.0 J	
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	6.8 J	3.3 J	1.6 J	R	R	R

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13C
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

Table checked by GMM on July 17, 2026 and updated with the validator's qualifiers.

Table 5-13D
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-04				SB-VOC-04B ♠	
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Fill	Alluvium	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	3.0 - 5.0	14.0 - 15.0	16.0 - 18.0	20.0 - 25.0	20.0 - 25.0	25.0 - 30.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/12/25	11/12/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	230 J	460,000 J	180,000 J	18,000 J	24.0 J	120 J
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	270 J	**690,000 J**	**230,000 J**	**13,000 J**	R	31.0 J
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	1,300 J	**290,000 J**	**110,000 J**	**23,000 J**	5.7 J	13.0 J
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	470 J	R	R	1,800 J	8.8 J	19.0 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	7,100 J	100,000 J	50,000 J	19,000 J	5.4 J	R
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**32,000 J**	**50,000 J**	**27,000 J**	**20,000 J**	11.0 J	11.0 J
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**27,000 J**	**49,000 J**	**26,000 J**	**16,000 J**	R	R
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**37,000 J**	**33,000 J**	**19,000 J**	**19,000 J**	19.0 J	11.0 J
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	13,000 J	23,000 J	6,800 J	8,100 J	R	R
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	**13,000 J**	**8,600 J**	**5,000 J**	**4,600 J**	R	12.0 J
Biphenyl	NS	NS	NS	NS	70.0 J	69,000 J	30,000 J	3,500 J	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	620 J	1,600 J	750 J	1,500 J	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	**27,000 J**	**3,9000 J**	**22,000 J**	**17,000 J**	16.0 J	22.0 J
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	**4,100 J**	**3,100 J**	**1,600 J**	**1,900 J**	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	480 J		5,500 J	2,800 J	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13D
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-04				SB-VOC-04B ♠	
Sample Type	Part 375	NYSDEC Restricted	NYSDEC Part 375	Part 375 Groundwater	Fill	Fill	Alluvium	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	3.0 - 5.0	14.0 - 15.0	16.0 - 18.0	20.0 - 25.0	20.0 - 25.0	25.0 - 30.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/12/25	11/12/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	68,000 J	98,000 J	53,000 J	51,000 J	21.0 J	18.0 J
Fluorene (PAH)	30,000	100,000	500,000	386,000	1,100 J	**91,000 J**	**44,000 J**	16,000 J	7.6 J	22.0 J
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**14,000 J**	**12,000 J**	**6,100 J**	**8,100 J**	R	R
Naphthalene (PAH)	12,000	100,000	500,000	12,000	350 J	**590,000 J**	**230,000 J**	**16,000 J**	16.0 J	180 J
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	16,000 J	**440,000 J**	**200,000 J**	61,000 J	19.0 J	41.0
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	54,000 J	**250,000 J**	**110,000 J**	48,000 J	22.0 J	22.0 J
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	89.1	59.1	71.8	77.0	86.7	84.2
Ammonia (mg/kg)	NS	NS	NS	NS		75.0 J	31.0 J		10.0	11.0
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	R	13.0 J	6.1 J	0.62 J	R	R

Notes:

♠ = The macro-core sampler was lost in soil boring SB-VOC-04 so the location was moved approximately 5 feet to the west and the soil boring SB-VOC-04B Completed. Coal tar was encountered in soil boring SB-VOC-04 but not in soil boring SB-VOC-04B, which is reflected by the results in the 2 borings.

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13D
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

Results for soil boring SB-VOC-04B checked by GMM on July 13, 2026 and updated with the validator's qualifiers.

The DUSR for the samples from soil boring SB-VOC-04 was not received in time to check these results against the data validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13E
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-05					
					Fill 4.0 - 5.0 10/31/25	Fill 7.0 - 9.0 10/31/25	Alluvium 12.0 - 14.0 10/31/25	Alluvium 15.0 - 17.0 10/31/25	RBSC * 22.0 - 24.0 10/31/25	RBSC * 29.0 - 30.0 10/31/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	320 J	17.0 J	R	R	R	R
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	300 J	29.0 J	R	R	R	R
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	61.0 J	8.9 J	5.8 J	R	R	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	380 J	R	R	R	R	R
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	410 J	8.9 J	R	R	R	R
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**1,500 J**	24.0 J	12.0 J	R	R	6.6 J (24.0 J)
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**1,500 J**	21.0 J	R	R	R	(19.0 J)
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**2,000 J**	31.0 J	R	R	R	(23.0 J)
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	670 J	19.0 J	R	R	R	R
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	740 J	13.0 J	R	R	R	(8.2 J)
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	290 J	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	**1,600 J**	24.0 J	7.1 J	R	R	6.3 J (25.0 J)
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	170 J	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	200 J	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13E
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-05					
Sample Type	Part 375	NYSDEC Restricted	NYSDEC Part 375	Part 375 Groundwater	Fill	Fill	Alluvium	Alluvium	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	4.0 - 5.0	7.0 - 9.0	12.0 - 14.0	15.0 - 17.0	22.0 - 24.0	29.0 - 30.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	4,100 J	46.0 J	17.0 J	9.8	8.1	11.0 J (50.0 J)
Fluorene (PAH)	30,000	100,000	500,000	386,000	150 J	R	R	R	R	R
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**780 J**	18.0 J	R	R	R	R
Naphthalene (PAH)	12,000	100,000	500,000	12,000	230 J	33.0 J	R	R	R	R
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	2,400 J	35.0 J	15.0 J	6.1	5.8	10.0 J (38.0 J)
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	2,800 J	43.0 J	15.0 J	8.1	11.0 J	10.0 J (44.0 J)
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	86.1	82.3	74.7	81.8	86.1	85.1
Ammonia (mg/kg)	NS	NS	NS	NS		12.0 J	160.0	14.0 J	40.0	13.0 J
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	**160 J**	0.89 J	0.98 J	R	R	R

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13E
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Notes (continued):

( ) = Results from a reanalysis.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

Table checked by GMM on July 23, 2026 and updated with the validator's qualifiers.

Table 5-13F
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-06 Fill ♠ 0.0 - 2.0 10/30/25	RBSC * 8.0 - 10.0 10/30/25	RBSC * 10.0 - 12.0 10/30/25	RBSC * 16.0 - 18.0 10/30/25	RBSC * 22.0 - 24.0 10/30/25	
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	180 J	R	R	R	R	
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	230 J	R	R	R	R	
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	100 J	R	R	R	R	
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	18.0 J	R	R	R	R	
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	380 J	R	R	R	R	
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**1,100 J**	26.0 J	R	R	R	
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	1,000 J	27.0 J	R	R	R	
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**1,400 J**	51.0 J	R	R	R	
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	460 J	27.0 J	R	R	R	
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	460 J	14.0 J	R	R	R	
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000		410 J	R	R	R	
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	
Caprolactam	NS	NS	NS	NS		R	R	R	R	
Carbazole	NS	NS	NS	NS	120 J	R	R	R	R	
Chrysene (PAH)	1,000	3,900	56,000	1,000	**1,100 J**	33.0 J	R	R	R	
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	120 J	R	R	R	R	
Dibenzofuran	7,000	59,000	350,000	210,000	100 J	R	R	R	R	
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	

Table 5-13F
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-06 Fill ♠ 0.0 - 2.0 10/30/25	 RBSC * 8.0 - 10.0 10/30/25	 RBSC * 10.0 - 12.0 10/30/25	 RBSC * 16.0 - 18.0 10/30/25	 RBSC * 22.0 - 24.0 10/30/25	
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	2,900 J	67.0 J	R	R	R	
Fluorene (PAH)	30,000	100,000	500,000	386,000	150 J	R	R	R	R	
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**540 J**	26.0 J	R	R	R	
Naphthalene (PAH)	12,000	100,000	500,000	12,000	180 J	R	R	R	R	
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	1,300 J	16.0 J	R	R	R	
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	2,400 J	58.0 J	R	R	R	
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	77.0	87.1	77.4	87.8	86.8	
Ammonia (mg/kg)	NS	NS	NS	NS	13.0 J					
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	25.0 J	R	R	R	R	

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13F
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13G
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-07					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	2.0 - 4.0	6.0 - 8.0	11.0 - 13.0	19.0 - 20.0	20.0 - 21.0	21.0 - 23.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	43.0 J	20.0 J	11.0 J	16.0 J	33.0 J	14.0 J
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	64.0 J	32.0 J	18.0 J	22.0 J	46.0 J	23.0 J
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	62.0 J	R	R	13.0 J	15.0 J	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	330 J	57.0 J	27.0 J	33.0 J	57.0 J	14.0 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	120 J	29.0 J	7.9	22.0 J	25.0 J	R
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	380 J	21.0 J	14.0 J	34.0 J	76.0 J	R
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	540 J	18.0 J	15.0 J	45.0 J	100 J	R
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	510 J	17.0 J	16.0 J	63.0 J	130 J	R
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	290 J	R	R	40.0 J	88.0 J	R
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	190 J	R	R	24.0 J	47.0 J	R
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	560 J	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	R	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	350 J	18.0 J	28.0 J	49.0 J	94.0 J	R
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	73.0 J	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	R	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13G
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-07					
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	2.0 - 4.0	6.0 - 8.0	11.0 - 13.0	19.0 - 20.0	20.0 - 21.0	21.0 - 23.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	400 J	35.0 J	18.0 J	42.0 J	110 J	R
Fluorene (PAH)	30,000	100,000	500,000	386,000	55.0 J	24.0 J	R	18.0 J	R	R
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	290 J	R	R	32.0 J	84.0 J	R
Naphthalene (PAH)	12,000	100,000	500,000	12,000	130 J	60.0 J	56.0 J	68.0 J	98.0 J	59.0 J
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	140 J	78.0 J	31.0 J	60.0 J	75.0 J	10.0 J
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	560 J	59.0 J	24.0 J	40.0 J	120 J	R
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	76.9	87.1	89.0	74.4	75.3	78.3
Ammonia (mg/kg)	NS	NS	NS	NS						
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	13.0 J	R	0.47 J	R	R	R

Table 5-13G
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-07					
					RBSC * 25.0 - 27.0 11/04/25	RBSC * 29.0 - 30.0 11/04/25				
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R				
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R				
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	R	12.0 J				
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400	13.0 J	21.0 J				
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R				
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R				
4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R				
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	R	R				
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	11.0 J	33.0 J				
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	R	18.0 J				
Benzaldehyde	NS	NS	NS	NS	R	R				
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	R	57.0 J				
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	R	74.0 J				
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	R	94.0 J				
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	R	62.0 J				
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	R	38.0 J				
Biphenyl	NS	NS	NS	NS	R	R				
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R				
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R				
Caprolactam	NS	NS	NS	NS	R	R				
Carbazole	NS	NS	NS	NS	R	R				
Chrysene (PAH)	1,000	3,900	56,000	1,000	17.0 J	67.0 J				
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	R	R				
Dibenzofuran	7,000	59,000	350,000	210,000	R	R				
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R				
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R				

Table 5-13G
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-07					
					RBSC * 25.0 - 27.0 11/04/25	RBSC * 29.0 - 30.0 11/04/25				
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R				
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	7.7	86.0 J				
Fluorene (PAH)	30,000	100,000	500,000	386,000	R	13.0 J				
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	R	60.0 J				
Naphthalene (PAH)	12,000	100,000	500,000	12,000	45.0 J	23.0 J				
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	13.0 J	52.0 J				
Phenol	330.0	100,000	500,000	330.0	R	R				
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	11.0 J	85.0 J				
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	86.0	77.2				
Ammonia (mg/kg)	NS	NS	NS	NS						
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	R	0.56 J				

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Residential soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13G
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13H
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-08					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Reworked	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	1.0 - 3.0	9.0 - 10.0	10.0 - 12.0	19.0 - 20.0	22.0 - 24.0	25.0 - 28.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	5,000 J	330 J	2,200 J	1,000 J	57.0 J	100.0
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	**6,100 J**	**550 J**	**3,400 J**	**1,600 J**	93.0 J	160.0
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	**740 J**	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	3,400 J	70.0 J	380 J	190 J	R	24.0 J
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	8,300 J	170 J	1,000 J	460 J	25.0 J	51.0 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	18,000 J	140 J	730 J	380 J	17.0 J	45.0 J
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**52,000 J**	150 J	590 J	320 J	19.0 J	130 J
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**46,000 J**	140 J	560 J	300 J	R	140 J
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**52,000 J**	140 J	440 J	250 J	R	200 J
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	19,000 J	110 J	240 J	150 J	R	140 J
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	**14,000 J**	41.0 J	120 J	85.0 J	R	64.0 J
Biphenyl	NS	NS	NS	NS	1,500 J	R	470 J	220 J	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	5,900 J	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	**47,000 J**	150 J	530 J	310 J	20.0 J	160 J
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	**5,100 J**	R	92.0 J	49.0 J	R	31.0 J
Dibenzofuran	7,000	59,000	350,000	210,000	**8,400 J**	R	230 J	100 J	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13H
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-08					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Reworked	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	1.0 - 3.0	9.0 - 10.0	10.0 - 12.0	19.0 - 20.0	22.0 - 24.0	25.0 - 28.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25	10/31/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	**130,000 J**	360 J	1,200 J	720 J	32.0 J	300 J
Fluorene (PAH)	30,000	100,000	500,000	386,000	11,000 J	140 J	770 J	380 J	20.0 J	47.0 J
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**22,000 J**	90.0 J	200 J	120 J	R	130 J
Naphthalene (PAH)	12,000	100,000	500,000	12,000	7,800 J	890 J	4,100 J	2,000 J	280 J	340 J
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	**110,000 J**	630 J	3,200 J	1,600 J	79.0 J	240 J
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	**120,000 J**	460 J	2,200 J	1,200 J	58.0 J	300 J
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	54.8	45.4	69.6	67.1	54.8	58.3
Ammonia (mg/kg)	NS	NS	NS	NS	21.0 J	17.0 J	53.0	53.0	17.0 J	15.0 J
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	**130 J**	1.1 J	12.0 J	12.0 J	R	R

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13H
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

Table checked by GMM on July 24, 2026 and updated with the validator's qualifiers.

Table 5-13I
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-09					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Alluvium	Alluvium	RBSC *	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	2.0 - 4.0	6.0 - 8.0	12.0 - 14.0	16.0 - 18.0	21.0 - 23.0	26.0 - 28.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	450 J	15.0 J	10.0 J	32.0 J		9.1 J
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	**570 J**	22.0 J	15.0 J	42.0 J	9.3 J	14.0 J
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	120 J	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	R	R	R	R	R	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	R	R	R	R	R	R
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	24.0 J	R	R	17.0 J	R	R
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	97.0 J	18.0 J	27.0 J	40.0 J	R	25.0 J
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	80.0 J	17.0 J	29.0 J	R	R	26.0 J
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	130 J	23.0 J	44.0 J	R	R	35.0 J
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	59.0 J	19.0 J	32.0 J	40.0 J	R	25.0 J
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	42.0 J	9.8 J	16.0 J	R	R	13.0 J
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	200 J	R	R	R	R	R
Carbazole	NS	NS	NS	NS	R	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	110 J	21.0 J	39.0 J	51.0 J	15.0 J	45.0 J
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	26.0 J	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	140 J	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13I
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-09					
					Fill 2.0 - 4.0 11/03/25	Reworked 6.0 - 8.0 11/03/25	Alluvium 12.0 - 14.0 11/03/25	Alluvium 16.0 - 18.0 11/03/25	RBSC * 21.0 - 23.0 11/03/25	RBSC * 26.0 - 28.0 11/03/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	130 J	36.0 J	67.0 J	110 J	R	60.0 J
Fluorene (PAH)	30,000	100,000	500,000	386,000	R	R		23.0 J	R	R
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	52.0 J	R	30.0 J	34.0 J	R	20.0 J
Naphthalene (PAH)	12,000	100,000	500,000	12,000	350 J	48.0 J	30.0 J	100 J	22.0 J	27.0 J
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	320 J	34.0 J	44.0 J	110 J	R	44.0 J
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	140 J	32.0 J	58.0 J	72.0 J	R	54.0 J
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	86.7	74.4	80.3	64.8	88.2	79.5
Ammonia (mg/kg)	NS	NS	NS	NS		60.0 J	51.0 J	100 J	9.3 J	12.0 J
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	**140 J**	R	0.64 J	1.5 J	R	1.2 J

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13I
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13J
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-10					
Sample Type	Part 375	NYSDEC Restricted	NYSDEC Part 375	Part 375 Groundwater	Fill	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	3.0 - 5.0	5.0 - 7.0	11.0 - 13.0	17.0 - 19.0	21.0 - 23.0	26.0 - 28.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	R	R	R	R	R	43.0 J
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	R	R	R	R	8.3 J	56.0 J
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	R	R	R	R	R	11.0 J
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	R	R	R	R	R	25.0 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	R	R	R	R	R	41.0 J
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	R	R	R	8.5 J	R	210 J
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	R	R	R	R	R	220 J
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	R	R	R	R	R	270 J
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	R	R	R	R	R	160 J
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	R	R	R	R	R	97.0 J
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	R	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	R	16 J	R	R	R	230 J
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	R	R	R	R	R	45.0 J
Dibenzofuran	7,000	59,000	350,000	210,000	R	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13J
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-10					
					Fill 3.0 - 5.0 11/03/25	RBSC * 5.0 - 7.0 11/03/25	RBSC * 11.0 - 13.0 11/03/25	RBSC * 17.0 - 19.0 11/03/25	RBSC * 21.0 - 23.0 11/03/25	RBSC * 26.0 - 28.0 11/03/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	9.8	17.0 J	R	R	R	460.0
Fluorene (PAH)	30,000	100,000	500,000	386,000	R	R	R	R	R	14.0 J
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	R	R	R	R	R	160 J
Naphthalene (PAH)	12,000	100,000	500,000	12,000	R	49.0 J	R	19.0 J	24.0 J	66.0 J
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	11.0 J	11.0 J	R	10.0 J	R	230 J
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	9.8	14.0 J	R	8.1	R	420 J
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	80.5	83.5	87.8	85.8	87.4	89.7
Ammonia (mg/kg)	NS	NS	NS	NS	58.0 J					
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	0.85 J	0.70 J	0.71 J	R	R	12.0 J

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13J
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13K
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-11					
					Fill 3.0 - 5.0 11/04/25	RBSC * 6.0 - 8.0 11/04/25	RBSC * 11.0 - 13.0 11/04/25	RBSC * 18.0 - 20.0 11/04/25	RBSC * 24.0 - 25.0 11/04/25	RBSC * 26.0 - 28.0 11/04/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	190 J	R	R	R	R	R
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	190 J	R	R	R	R	R
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	86.0 J	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	350 J	R	R	R	R	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	420 J	R	7.6 J	R	R	10.0 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	940 J	8.5 J	8.0 J	R	R	14.0 J
Benzaldehyde	NS	NS	NS	NS	120 J	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	**2,000 J**	24.0 J	28.0 J	7.8 J	R	37.0 J
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	**2,000 J**	20.0 J	22.0 J	R	R	36.0 J
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**2,300 J**	25.0 J	29.0 J	R	R	46.0 J
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	1,100 J	R	17.0 J	R	R	24.0 J
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	**840 J**	12.0 J	12.0 J	R	R	19.0 J
Biphenyl	NS	NS	NS	NS	91.0 J	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	540 J	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	**2,000 J**	28.0 J	22.0 J	9.0 J	R	35.0 J
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	260 J	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	650 J	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13K
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-11 Fill 3.0 - 5.0 11/04/25	SB-VOC-11 RBSC * 6.0 - 8.0 11/04/25	SB-VOC-11 RBSC * 11.0 - 13.0 11/04/25	SB-VOC-11 RBSC * 18.0 - 20.0 11/04/25	SB-VOC-11 RBSC * 24.0 - 25.0 11/04/25	SB-VOC-11 RBSC * 26.0 - 28.0 11/04/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	5,900 J	53.0 J	45.0 J	6.6 J	R	83.0 J
Fluorene (PAH)	30,000	100,000	500,000	386,000	840 J	R	R	R	R	R
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**1,300 J**	R	19.0 J	R	R	24.0 J
Naphthalene (PAH)	12,000	100,000	500,000	12,000	500 J	7.6 J	R	R	R	R
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	3,600 J	45.0 J	25.0 J	7.0 J	R	51.0 J
Phenol	330.0	100,000	500,000	330.0	61.0 J	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	4,400 J	51.0 J	45.0 J	7.4	R	71.0 J
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	83.4	74.7	79.3	85.1	87.3	86.9
Ammonia (mg/kg)	NS	NS	NS	NS	13.0 J		6.2 J			
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	**28.0 J**	0.99 J	1.9 J	R	R	R

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13K
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13L
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-12					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Alluvium	Alluvium	Alluvium	Alluvium
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	3.0 - 5.0	8.0 - 10.0	11.0 - 13.0	21.0 - 23.0	22.0 - 24.0	27.0 - 29.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	31.0 J	R	R	R	15.0 J	66.0 J
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	24.0 J	R	R	R	15.0 J	65.0 J
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	R	R	R	R	R	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	R	R	R	R	R	17.0 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	R	R	R	8.7 J	12.0 J	39.0 J
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	21.0 J	R	R	29.0 J	56.0 J	170 J
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	18.0 J	R	R	27.0 J	54.0 J	150 J
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	R	R	R	33.0 J	71.0 J	200 J
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	R	R	R	16.0 J	35.0 J	66.0 J
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	R	R	R	13.0 J	30.0 J	66.0 J
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	R	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	30.0 J	R	R	29.0 J	60.0 J	190 J
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	R	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	R	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13L
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-12					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Alluvium	Alluvium	Alluvium	Alluvium
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	3.0 - 5.0	8.0 - 10.0	11.0 - 13.0	21.0 - 23.0	22.0 - 24.0	27.0 - 29.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25	11/03/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	32.0 J	16.0 J	17.0 J	59.0 J	120 J	380 J
Fluorene (PAH)	30,000	100,000	500,000	386,000	R	R	R	R	R	28.0 J
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	R	R	R	R	36.0 J	78.0 J
Naphthalene (PAH)	12,000	100,000	500,000	12,000	18.0 J	14.0 J	R	R	15.0 J	60.0 J
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	64.0 J	18.0 J	16.0 J	39.0 J	64.0 J	230 J
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	41.0 J	16.0 J	21.0 J	69.0 J	120 J	370 J
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	76.3	71.4	81.2	83.4	82.1	86.1
Ammonia (mg/kg)	NS	NS	NS	NS	15.0 J	120 J		9.3 J	12.0 J	16.0 J
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	11.0 J	0.58 J	0.69 J	0.62 J	0.66 J	1.4 J

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13L
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13M
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-13					
					Reworked 4.0 - 5.0 10/31/25	RBSC * 10.0 - 12.0 10/31/25	RBSC * 14.0 - 15.0 10/31/25	RBSC * 16.0 - 18.0 10/31/25	RBSC * 22.0 - 24.0 10/31/25	RBSC * 27.0 - 29.0 10/31/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	32.0 J	R	R	R	R	R
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	28.0 J	R	R	R	R	R
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	R	R	R	R	R	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	R	R	R	R	R	R
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	11.0 J	R	R	R	R	R
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	32.0 J	R	R	R	R	R
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	29.0 J	R	R	R	R	R
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	45.0 J	R	R	R	R	R
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	23.0 J	R	R	R	R	R
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	14.0 J	R	R	R	R	R
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	R	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	48.0 J	R	R	R	R	R
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	R	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	R	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13M
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-13					
					Reworked 4.0 - 5.0 10/31/25	RBSC * 10.0 - 12.0 10/31/25	RBSC * 14.0 - 15.0 10/31/25	RBSC * 16.0 - 18.0 10/31/25	RBSC * 22.0 - 24.0 10/31/25	RBSC * 27.0 - 29.0 10/31/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	67.0 J	R	R	R	R	R
Fluorene (PAH)	30,000	100,000	500,000	386,000	R	R	R	R	R	R
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	21.0 J	R	R	R	R	R
Naphthalene (PAH)	12,000	100,000	500,000	12,000	19.0 J	R	R	R	R	R
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	74.0 J	R	R	R	R	R
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	50.0 J	R	R	R	R	R
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	82.3	70.3	81.2	85.1	84.7	86.4
Ammonia (mg/kg)	NS	NS	NS	NS		27.0 J	11.0 J			
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	R	R	R	R	R	R

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13M
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

Table checked by GMM on July 27, 2026 and updated with the validator's qualifiers.

Table 5-13N
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-14/14B						
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	Reworked	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	1.0 - 2.0	2.0 - 3.0	6.0 - 7.0	12.0 - 13.0	18.5 - 20.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25
Semi-Volatile Organic Compounds (µg/kg)											
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	31.0 J	35.0 J	R	R	R	R	R
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	35.0 J	12.0 J	R	R	R	R	R
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	66.0 J	150 J	R	R	R	R	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	R	R	R	R	R	R	R
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	110 J	200 J	R	R	R	R	R
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	140 J	210 J	R	R	R	R	R
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	64.0 J	94.0 J	R	R	R	R	R
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	84.0 J	130 J	R	R	R	R	R
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	25.0 J	32.0 J	R	R	R	R	R
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	33.0 J	45.0 J	R	R	R	R	R
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	R	R	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	110 J	170 J	R	R	R	R	R
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	R	R	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	53.0 J	100 J	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R	R

Table 5-13N
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number		NYSDEC	NYSDEC	Part 375	SB-VOC-14/14B						
Sample Type	Part 375	Restricted	Part 375	Groundwater	Fill	Reworked	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	1.0 - 2.0	2.0 - 3.0	6.0 - 7.0	12.0 - 13.0	18.5 - 20.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25
Semi-Volatile Organic Compounds (continued)											
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	450 J	760 J	R	R	R	R	R
Fluorene (PAH)	30,000	100,000	500,000	386,000	120 J	230 J	R	R	R	R	R
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	31.0 J	40.0 J	R	R	R	R	R
Naphthalene (PAH)	12,000	100,000	500,000	12,000	31.0 J	12.0 J	R	R	R	R	R
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	540 J	1,000 J	R	R	R	R	R
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	370 J	610 J	R	R	R	R	R
Miscellaneous											
Percent Solids (%)	NS	NS	NS	NS	80.0	85.6	87.0	75.5	87.2	86.7	88.3
Ammonia (mg/kg)	NS	NS	NS	NS	110 J	98.0 J	14.0 J				
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	0.84 J	R	R	R	R	R	R

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13N
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13O
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-15					
Sample Type	Part 375	NYSDEC Restricted	NYSDEC Part 375	Part 375 Groundwater	Fill	RBSC *	RBSC *	RBSC *	RBSC *	RBSC *
Depth (ft)	Unrestricted	Residential	Commercial	Protection	0.5 - 2.0	5.0 - 7.0	12.0 - 14.0	17.0 - 19.0	22.0 - 24.0	27.0 - 29.0
Sample Date	SCOs ●	SCOs ●	SCOs ●	SCOs ●	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25	10/30/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	110 J	R	R	12.0 J	R	R
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	110 J	R	R	10.0 J	R	R
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	97.0 J	R	R	23.0 J	R	R
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	12.0 J	R	R	R	R	R
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	100 J	R	R	19.0 J	R	R
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	260 J	R	R	R	R	R
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	270 J	R	R	R	R	R
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	360 J	R	R	R	R	R
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	170 J	R	R	R	R	R
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	130 J	R	R	R	R	R
Biphenyl	NS	NS	NS	NS	R	R	R	R	R	R
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	91.0 J	R	R	R	R	R
Chrysene (PAH)	1,000	3,900	56,000	1,000	300 J	10.0 J	R	R	R	R
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	43.0 J	R	R	R	R	R
Dibenzofuran	7,000	59,000	350,000	210,000	100 J	R	R	R	R	R
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13O
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number Sample Type Depth (ft) Sample Date	Part 375 Unrestricted SCOs ●	NYSDEC Restricted Residential SCOs ●	NYSDEC Part 375 Commercial SCOs ●	Part 375 Groundwater Protection SCOs ●	SB-VOC-15 Fill 0.5 - 2.0 10/30/25	 RBSC * 5.0 - 7.0 10/30/25	 RBSC * 12.0 - 14.0 10/30/25	 RBSC * 17.0 - 19.0 10/30/25	 RBSC * 22.0 - 24.0 10/30/25	 RBSC * 27.0 - 29.0 10/30/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	750 J	15.0 J	R	31.0 J	R	R
Fluorene (PAH)	30,000	100,000	500,000	386,000	85.0 J	R	R	37.0 J	R	R
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	190 J	R	R	R	R	R
Naphthalene (PAH)	12,000	100,000	500,000	12,000	150 J	R	R	R	R	R
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	790 J	10.0 J	R	88.0 J	R	R
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	610 J	12.0 J	R	19.0 J	R	R
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	79.3	76.6	83.5	74.3	86.8	87.0
Ammonia (mg/kg)	NS	NS	NS	NS	29.0 J					
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	R	R	R	R	R	R

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13O
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-13P
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-16					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Alluvium	Alluvium	Alluvium	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	2.0 - 4.0	5.0 - 7.0	13.0 - 15.0	18.0 - 20.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25
Semi-Volatile Organic Compounds (µg/kg)										
2,4-Dimethylphenol	NS	NS	NS	NS	R	R	R	R	R	R
2-Chlorophenol	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
1-Methylnaphthalene (PAH)	NS	NS	NS	NS	480 J	29.0 J	R	29.0 J	220,000 J	100,000 J
2-Methylnaphthalene (PAH)	NS	410 ●●	NS	36,400 ●●	**560 J**	35.0 J	10.0 J	9.9 J	**340,000 J**	**180,000 J**
2-Methylphenol (O-Cresol)	330.0	100,000	500,000	330.0	R	R	R	R	R	R
4-Chloro-3-Methylphenol	NS	NS	NS	NS	R	R	R	R	R	R
3 & 4-Methylphenol (P-Cresol)	330.0	100,000	500,000	330.0	R	82.0 J	R	R	R	R
Acenaphthene (PAH)	20,000	100,000	500,000	98,000	78.0 J	R	R	18.0 J	**120,000 J**	**51,000 J**
Acenapthylene (PAH)	100,000	100,000	500,000	107,000	110 J	R	R	R	43,000 J	17,000 J
Anthracene (PAH)	100,000	100,000	500,000	1,000,000	260 J	13.0 J	28.0 J	R	83,000 J	31,000 J
Benzaldehyde	NS	NS	NS	NS	R	R	R	R	R	R
Benzo[a]anthracene (PAH)	1,000	1,000	5,600	1,000	960 J	39.0 J	45.0 J	R	**44,000 J**	**16,000 J**
Benzo[a]pyrene (PAH)	1,000	1,000	1,000	22,000	1,000 J	37.0 J	38.0 J	R	**45,000 J**	**16,000 J**
Benzo[b]fluoranthene (PAH)	1,000	1,000	5,600	1,700	**1,600 J**	51.0 J	47.0 J	R	**27,000 J**	**10,000 J**
Benzo[g,h,i]perylene (PAH)	100,000	100,000	500,000	1,000,000	860 J	37.0 J	22.0 J	R	16,000 J	5,600 J
Benzo[k]fluoranthene (PAH)	800.0	3,900	56,000	1,700	610 J	20.0 J	20.0 J	R	**5,900 J**	**3,100 J**
Biphenyl	NS	NS	NS	NS	R	R	R	R	53,000 J	22,000 J
Bis(2-ethylhexyl) phthalate	NS	50,000 ●●	NS	435,000	R	R	R	R	R	R
Butylbenzyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Caprolactam	NS	NS	NS	NS	R	R	R	R	R	R
Carbazole	NS	NS	NS	NS	140 J	R	R	R	R	350 J
Chrysene (PAH)	1,000	3,900	56,000	1,000	1,000 J	46.0 J	45.0 J	R	**35,000 J**	**13,000 J**
Dibenzo[a,h]anthracene (PAH)	330.0	330.0	560.0	1,000,000	220 J	R	R	R	**2,300 J**	**1,100 J**
Dibenzofuran	7,000	59,000	350,000	210,000	190 J	R	R	R	R	4,500 J
Diethylphthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Di-n-butyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R

Table 5-13P
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Boring Number					SB-VOC-16					
Sample Type	Part 375	NYSDEC	NYSDEC	Part 375	Fill	Reworked	Alluvium	Alluvium	Alluvium	RBSC *
Depth (ft)	Unrestricted	Restricted	Part 375	Groundwater	2.0 - 4.0	5.0 - 7.0	13.0 - 15.0	18.0 - 20.0	22.0 - 24.0	25.0 - 27.0
Sample Date	SCOs ●	Residential SCOs ●	Commercial SCOs ●	Protection SCOs ●	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25	11/04/25
Semi-Volatile Organic Compounds (continued)										
Di-n-octyl phthalate	NS	100,000 ●●	NS	NS	R	R	R	R	R	R
Fluoranthene (PAH)	100,000	100,000	500,000	1,000,000	2,200 J	86.0 J	78.0 J	R	94,000 J	34,000 J
Fluorene (PAH)	30,000	100,000	500,000	386,000	110 J	R	19.0 J	10.0 J	82,000 J	32,000 J
Indeno[1,2,3-cd]pyrene (PAH)	500.0	500.0	5,600	8,200	**970 J**	39.0 J	29.0 J	R	**13,000 J**	**4,700 J**
Naphthalene (PAH)	12,000	100,000	500,000	12,000	370 J	31.0 J	13.0 J	340 J	**410,000 J**	**290,000 J**
Phenanthrene (PAH)	100,000	100,000	500,000	1,000,000	1,300 J	75.0 J	62.0 J	22.0 J	**310,000 J**	100,000 J
Phenol	330.0	100,000	500,000	330.0	R	R	R	R	R	R
Pyrene (PAH)	100,000	100,000	500,000	1,000,000	1,700 J	66.0 J	72.0 J	9.5	**150,000 J**	55,000 J
Miscellaneous										
Percent Solids (%)	NS	NS	NS	NS	81.3	74.0	68.5	77.0	84.8	65.7
Ammonia (mg/kg)	NS	NS	NS	NS		11.0 J	65.0 J	39.0 J		
Total Cyanide (mg/kg)	27.0	27.0	27.0	40.0	2.5	R	R	R	R	R

Notes:

*** = Reddish brown silty clay.**

● = 6 NYCRR Part 375: Environmental Remediation Programs, Unrestricted & Residential Soil Cleanup Objectives, NYSDEC, 2006.

●● = Soil cleanup objective from Commissioner's Policy CP-51 entitled "Soil Cleanup Guidance", NYSDEC, 2010.

■ = Environmental Protection Agency priority pollutant metal.

µg/kg = micrograms per kilogram or parts per billion.

mg/kg = milligrams per kilogram or parts per million.

J = Compound is positively identified and reported at an estimated concentration below the reporting limit.

JN = The analyte is considered to be "presumptively present." The associated numerical value represents its approximate concentration.

NA = Not analyzed.

ND = Not detected. Used to denote PCB results only.

NS = No standard given in 6 NYCRR Part 375 or Commissioner Policy CP-51.

PAH = polycyclic aromatic hydrocarbons. PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs can include incomplete combustion of coal, oil, gasoline, wood and automobiles.

R = Rejected through data validation. Due to samples being analyzed outside of holding times, not-detects should be qualified as unusable.

Table 5-13P
Summary of Subsurface Fill & Soil Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Purple shaded values exceed the 6 NYCRR Part 375 unrestricted soil cleanup objectives but not the restricted residential soil cleanup objectives.

Yellow shaded values exceed the 6 NYCRR Part 375 restricted residential soil cleanup objectives but not the commercial soil cleanup objectives.

Gray shaded values exceed the CP-51 residential or the 6 NYCRR Part 375 restricted residential soil cleanup objectives, and also the groundwater protection soil cleanup objectives. They do not exceed the commercial soil cleanup objectives.

Orange shaded values exceed the 6 NYCRR Part 375 commercial soil cleanup objectives but not the groundwater protection soil cleanup objectives.

Green shaded values exceed the 6 NYCRR Part 375 commercial and groundwater protection soil cleanup objectives.

Red shaded values exceed the CP-51 residential soil cleanup objectives.

The DUSR was not received in time to check this table against the validator's qualifiers. However, because all samples were analyzed for SVOCs and cyanide outside of holding times, the same qualifiers from other DUSRS were utilized (e.g., J or R).

Table 5-14
Summary of Historical Overburden Groundwater VOC Analytical Results
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground-water Standard ●	MW1-89 08/23/89 9.0 - 11.0 Fill	MW2-89 08/23/89 5.7 - 7.7 Fill	GW-1 10/16/90 4.0 - 9.0 Clay	GW-2 10/16/90 4.5 - 14.5 Fill	GW-3 10/16/90 4.5 - 14.5 Fill/Alluvium
Volatile Organic Compounds (ug/L)						
1,1,1-Trichloroethane	5.0	**22.0 (23.0)**	**22.0**	**24.0 J**	**370.0**	**30.0 J**
1,1,2-Trichloroethane	1.0					
1,1,2,2-Tetrachloroethane	5.0					
1,1-Dichloroethane	5.0	**41.0 (40.0)**	**39.0**	**6.0 J**	**53.0**	**7.0 J**
1,1-Dichloroethene	5.0		**15.0**			
1,2-Dichloroethane	0.6					
cis-1,2-Dichloroethene	5.0	NA	NA	**8.0 J**	**340.0**	**7.0 J**
trans-1,2-Dichloroethene	5.0		**12.0**			
Acetone	50.0 G				29.0 B	
Benzene	1.0	**60.0 (63.0)**	**76.0**			
Carbon Disulfide	NS					
Chloroethane	5.0					
Chloroform	7.0					
Ethylbenzene	5.0	**9.1 (11.0)**				
Methyl ethyl ketone	50.0 G					
Methylene chloride	5.0			**6.0 B**	**32.0 B**	**7.0 B**
Tetrachloroethene	5.0					
Toluene	5.0					
Trichloroethene	5.0		**310.0**	**19.0 J**	**640.0**	**23.0 J**
Vinyl chloride	2.0	**99.0 (100.0)**	**350.0**			
Xylene (Total)	5.0					

Notes:

● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.
B = Analyte detected in the associated blank, as well as in the sample.
G = Guidance value.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard or guidance value available.

Table 5-14
Summary of Historical Overburden Groundwater VOC Analytical Results
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Notes (continued):

ug/L = micrograms per liter or parts per billion.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Yellow shaded values exceed NYSDEC groundwater standards or guidance values.
The 1989 data was validated and accepted as accurate and complete with no qualifiers required.
The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.
Table checked by GMM on September 25, 2025.

Table 5-15
Summary of Overburden Groundwater VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground-water Standard ●	57-MW-1 01/22/20 5.0 - 15.0 Gravel & Sand	57-MW-2 01/22/20 5.0 - 15.0 Fill & Sand	57-MW-3 01/22/20 5.0 - 15.0 Sand & SC	57-MW-4 01/23/20 10.0 - 30.0 Silty Clay	57-MW-5 01/23/20 10.0 - 30.0 Silty Clay
Volatile Organic Compounds (ug/L)						
1,1,1-Trichloroethane	5.0	1.0 J	**14.7**			
1,1,2-Trichloroethane	1.0					
1,1,2,2-Tetrachloroethane	5.0					
1,1-Dichloroethane	5.0		**57.0**			
1,1-Dichloroethene	5.0					
1,2-Dichlorobenzene	3.0					
1,2-Dichloroethane	0.6					
1,2,4-Trichlorobenzene	5.0					
cis-1,2-Dichloroethene	5.0	2.58	**55.4**			
trans-1,2-Dichloroethene	5.0					
Acetone	50.0 G	17.4	**408.0**	**157.0**	**409 J**	9.73 J
Benzene	1.0					
Carbon Disulfide	NS					
Chloroethane	5.0					
Chloroform	7.0					
Ethylbenzene	5.0					
Methyl ethyl ketone	50.0 G					
Methylene chloride	5.0					
Tetrachloroethene	5.0					
Toluene	5.0					
Trichloroethene	5.0	**13.0**	**22.5**	1.27 J	**7,370**	1.28 J
Vinyl chloride	2.0		**35.3**			
Xylene (Total)	5.0					

Notes:

● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.
ug/L = micrograms per liter or parts per billion.

Table 5-15
Summary of Overburden Groundwater VOC Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

B = Analyte detected in the associated blank, as well as in the sample.
G = Guidance value.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard or guidance value available.
SC = Silty clay.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Yellow shaded values exceed NYSDEC groundwater standards or guidance values.
The DUSRs for these samples were not included in the BCP Remedial Investigation Report.
Table checked by GMM on September 25, 2025.

Table 5-16
Summary of Overburden Groundwater VOC Analytical Results from Bike Path Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground- water Standard ●	MW-100 11/05/20 13.6 - 28.6 Fill & Sand	MW-103 11/05/20 8.6 - 23.6 Fill & Sand	MW-106 11/05/20 8.6 - 23.6 Fill & Sand
Volatile Organic Compounds (ug/L)				
1,1,1-Trichloroethane	5.0			
1,1,2-Trichloroethane	1.0			
1,1,2,2-Tetrachloroethane	5.0			
1,1-Dichloroethane	5.0			
1,1-Dichloroethene	5.0			
1,2-Dichlorobenzene	3.0			
1,2-Dichloroethane	0.6			
1,2,4-Trichlorobenzene	5.0			
cis-1,2-Dichloroethene	5.0			
trans-1,2-Dichloroethene	5.0			
Acetone	50.0 G			
Benzene	1.0	**11,000**	**18.0 J**	
Carbon Disulfide	NS			
Chloroethane	5.0			
Chloroform	7.0			
Ethylbenzene	5.0	**5,100**	**170.0**	**200.0**
Isopropylbenzene	5.0			**16.0 J**
Methyl ethyl ketone	50.0 G			
Methylene chloride	5.0			
Styrene	5.0	**220.0**		
Tetrachloroethene	5.0			
Toluene	5.0	**4,000**	**10.0 J**	
Trichloroethene	5.0			
Vinyl chloride	2.0			
Xylene (Total)	5.0	**3,200**	**110.0**	**74.0**

Table 5-16
Summary of Overburden Groundwater VOC Analytical Results from Bike Path Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

- **● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.**
- **B = Analyte detected in the associated blank, as well as in the sample.**
- **G = Guidance value.**
- **J = Compound is positively identified and reported at an estimated concentration below the reporting limit.**
- **NS = No standard or guidance value available.**
- **ug/L = micrograms per liter or parts per billion.**
- **Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.**
- **Yellow shaded values exceed NYSDEC groundwater standards or guidance values.**
- **This table was in the 31 Tonawanda Street Off-Site Remedial Investigation Report so it would have been checked.**

Table 5-17A
Summary of Overburden Groundwater VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	NYSDEC	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D	MW-4D
Sample Date	Ground-	01/15/26	12/17/25	12/17/25	01/16/26	12/17/25	12/17/25	12/17/25
Well Screen Interval (ft bgs)	water	5.0 - 15.0	20.0 - 30.0	5.0 - 15.0	18.0 - 28.0	5.0 - 15.0	20.0 - 30.0	10.0 - 30.0
Screened Unit	Standard ●	Sand & Gravel	Silty Clay	Fill & Sand	Sand & Gravel	Sand & SC	Silty Clay	Silty Clay
Volatile Organic Compounds (ug/L)								
1,1,1-Trichloroethane	5.0							
1,1,2-Trichloroethane	1.0							**120.0**
1,1,2,2-Tetrachloroethane	5.0							
1,1-Dichloroethane	5.0	1.2		2.2				
1,1-Dichloroethene	5.0							**70.0**
1,2-Dichlorobenzene	3.0							
1,2-Dichloroethane	0.6							
1,2,4-Trichlorobenzene	5.0							
cis-1,2-Dichloroethene	5.0	**5.9**		2.9				**1,800**
trans-1,2-Dichloroethene	5.0			0.38 J				
Acetone	50.0 G	6.8 J	12.0 J	5.4 J	**250 J**	8.4 J	8.1 J	
Benzene	1.0			0.23 J	**4,000**			
Carbon Disulfide	NS							
Chloroethane	5.0			**21.0**				
Chloroform	7.0							**52.0 J**
Ethylbenzene	5.0				**2,800**			
Isopropylbenzene	5.0				**63.0 J**			
p-Isopropyltoluene	5.0							
Methyl ethyl ketone	50.0 G				**370 J**			
Methylene chloride	5.0							
Naphthalene	10.0 G				**8,600**			
n-Butylbenzene	5.0							
n-Propylbenzene	5.0				**39.0 J**			
Styrene	5.0				**190.0**			
Tetrachloroethene	5.0							
Toluene	5.0				**2,700**			

Table 5-17A
Summary of Overburden Groundwater VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number	NYSDEC	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D	MW-4D
Sample Date	Ground-	01/15/26	12/17/25	12/17/25	01/16/26	12/17/25	12/17/25	12/17/25
Well Screen Interval (ft bgs)	water	5.0 - 15.0	20.0 - 30.0	5.0 - 15.0	18.0 - 28.0	5.0 - 15.0	20.0 - 30.0	10.0 - 30.0
Screened Unit	Standard ●	Sand & Gravel	Silty Clay	Fill & Sand	Sand & Gravel	Sand & SC	Silty Clay	Silty Clay
Volatile Organic Compounds (continued)								
Trichloroethene	5.0	0.21 J						**67,000**
1,2,4-Trimethylbenzene	5.0				**440.0**			
1,3,5-Trimethylbenzene	5.0				**120.0**			
Vinyl chloride	2.0	1.9 J		**5.0**				
m,p-Xylene	5.0				**1,200**			
o-Xylene	5.0				**620.0**			
Xylene (Total)	5.0				**1,800**			

Notes:

● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.
ug/L = micrograms per liter or parts per billion.
B = Analyte detected in the associated blank, as well as in the sample.
G = Guidance value.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard or guidance value available.
SC = Silty clay.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Yellow shaded values exceed NYSDEC groundwater standards or guidance values.
Table checked against the data validator's qualifiers by GMM on July 9, 2026.

Table 5-17B
Summary of Overburden Groundwater VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	NYSDEC	MW-5D	MW-6D	MW-7D	MW-8D	MW-9D	MW-100	MW-103
Sample Date	Ground-	01/15/26	12/17/25	12/17/25	12/17/25	01/16/26	01/16/26	01/16/26
Well Screen Interval (ft bgs)	water	10.0 - 30.0	15.0 - 30.0	15.0 - 30.0	15.0 - 25.0	18.0 - 28.0	13.6 - 28.6	8.6 - 23.6
Screened Unit	Standard ●	Silty Clay	Silty Clay	Silty Clay	Sand & Gravel	Sand & Gravel	Fill & Sand	Fill & Sand
Volatile Organic Compounds (ug/L)								
1,1,1-Trichloroethane	5.0							
1,1,2-Trichloroethane	1.0			**44.0**				
1,1,2,2-Tetrachloroethane	5.0							
1,1-Dichloroethane	5.0				**77.0**			1.9 J
1,1-Dichloroethene	5.0			**48.0**				
1,2-Dichlorobenzene	3.0							
1,2-Dichloroethane	0.6				**2.5 J**			
1,2,4-Trichlorobenzene	5.0							
cis-1,2-Dichloroethene	5.0			**73.0**	**26.0**			4.2
trans-1,2-Dichloroethene	5.0							
Acetone	50.0 G	7.0 J	9.0 J		20.0 J			10.0 J
Benzene	1.0				**350.0**	**8,800**	**3,800**	**2.3**
Carbon Disulfide	NS							
Chloroethane	5.0							
Chloroform	7.0			**28.0 J**				
Ethylbenzene	5.0			**9.5 J**	**660.0**	**5,000**	**3,100**	**18.0**
Isopropylbenzene	5.0				**11.0**	**82.0 J**	**83.0 J**	1.3 J
p-Isopropyltoluene	5.0				1.4 J			0.56 J
Methyl ethyl ketone	50.0 G					**770 J**	**440 J**	
Methylene chloride	5.0							
Naphthalene	10.0 G				**310.0**	**12,000**	**11,000**	**190.0**
n-Butylbenzene	5.0							0.68 J
n-Propylbenzene	5.0				3.6 J		**22.0 J**	0.70 J
Styrene	5.0							
Tetrachloroethene	5.0							
Toluene	5.0				**14.0**	**4,100**	**200.0**	1.3 J

Table 5-17B
Summary of Overburden Groundwater VOC Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number	NYSDEC	MW-5D	MW-6D	MW-7D	MW-8D	MW-9D	MW-100	MW-103
Sample Date	Ground-	01/15/26	12/17/25	12/17/25	12/17/25	01/16/26	01/16/26	01/16/26
Well Screen Interval (ft bgs)	water	10.0 - 30.0	15.0 - 30.0	15.0 - 30.0	15.0 - 25.0	18.0 - 28.0	13.6 - 28.6	8.6 - 23.6
Screened Unit	Standard ●	Silty Clay	Silty Clay	Silty Clay	Sand & Gravel	Sand & Gravel	Fill & Sand	Fill & Sand
Volatile Organic Compounds (continued)								
Trichloroethene	5.0		0.30 J	**29,000**	3.3 J			0.72 J
1,2,4-Trimethylbenzene	5.0				**59.0**	**430.0**	**340.0**	**7.9**
1,3,5-Trimethylbenzene	5.0				**8.3**	**140 J**	**100.0**	2.5
Vinyl chloride	2.0				**7.8 J**			**2.4 J**
m,p-Xylene	5.0			**12.0 J**	**64.0**	**2,000**	**1,100**	**6.6**
o-Xylene	5.0				**120.0**	**1,000**	**680.0**	4.5
Xylene (Total)	5.0				**190.0**	**3,000**	**1,800**	**11.0**

Notes:

● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.
ug/L = micrograms per liter or parts per billion.
B = Analyte detected in the associated blank, as well as in the sample.
G = Guidance value.
J = Compound is positively identified and reported at an estimated concentration below the reporting limit.
NS = No standard or guidance value available.
SC = Silty clay.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Yellow shaded values exceed NYSDEC groundwater standards or guidance values.
Table checked against the data validator's qualifiers by GMM on July 10, 2026.

Table 5-18
Summary of Historic Overburden Groundwater Analytical Results
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground- water Standard ●	MW1-89 08/23/89 9.0 - 11.0 Fill	MW2-89 08/23/89 5.7 - 7.7 Fill	GW-1 10/16/90 4.0 - 9.0 Clay	GW-2 10/16/90 4.5 - 14.5 Fill	GW-3 10/16/90 4.5 - 14.5 Fill/Alluvium
Semi-Volatile Organic Compounds (ug/L)						
1,2-Dichlorobenzene	3.0	NA	NA			2.0 J
1,2,4-Trichlorobenzene	5.0	"	"			5.0 J
4-Methylphenol	1.0 *	"	"			
Acenaphthene (PAH)	20.0 G	"	"			
Acenapthylene (PAH)	NS	"	"			
Anthracene (PAH)	50.0 G	"	"			
Benzo[a]anthracene (PAH)	0.002 G	"	"			
Benzo[a]pyrene (PAH)	ND	"	"	1.0 J		
Benzo[b]fluoranthene (PAH)	0.002 G	"	"	**2.0 J**		
Benzo[g,h,i]perylene (PAH)	NS	"	"			
Benzo[k]fluoranthene (PAH)	0.002 G	"	"			
Bis(2-ethylhexyl) phthalate	5.0	"	"	**16.0 B**	**14.0 B**	**18.0 B**
Chrysene (PAH)	0.002 G	"	"			
Dibenzo[a,h]anthracene (PAH)	NS	"	"			
Dibenzofuran	NS	"	"			
Diethylphthalate	50.0	"	"		2.0 J	
Di-n-butylphthalate	50.0	"	"	5.0 J	4.0 J	2.0 J
Fluoranthene (PAH)	50.0 G	"	"	3.0 J	1.0 J	1.0 J
Fluorene (PAH)	50.0 G	"	"			
Hexachlorobenzene	0.040	"	"			**2.0 J**
Indeno[1,2,3-cd]pyrene (PAH)	0.002 G	"	"			
2-Methylnaphthalene (PAH)	NS	"	"			
Naphthalene (PAH)	10.0 G	"	"			
Phenanthrene (PAH)	50.0 G	"	"	2.0 J		1.0 J
Phenol	1.0	"	"			**16.0**
Pyrene (PAH)	50.0 G	"	"	3.0 J	1.0 J	2.0 J

Table 5-18
Summary of Historic Overburden Groundwater Analytical Results
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground-water Standard •	MW1-89 08/23/89 9.0 - 11.0 Fill	MW2-89 08/23/89 5.7 - 7.7 Fill	GW-1 10/16/90 4.0 - 9.0 Clay	GW-2 10/16/90 4.5 - 14.5 Fill	GW-3 10/16/90 4.5 - 14.5 Fill/Alluvium
Pesticides (ug/L)						
4,4'-DDD	0.3	NA	NA			
4,4'-DDE	0.2	"	"			
4,4'-DDT	0.2	"	"			
Aldrin	ND	"	"			
alpha-BHC	0.01	"	"			
alpha-Chlordane	0.05	"	"			
beta-BHC	0.04	"	"			
delta-BHC	0.04	"	"		**0.073**	
Dieldrin	0.004	"	"			
Endosulfan I	NS	"	"			
Endosulfan II	NS	"	"			
Endosulfan Sulfate	NS	"	"			
Endrin	ND	"	"			
Endrin Aldehyde	5.0	"	"	NA	NA	NA
Endrin Ketone	5.0	"	"			
gamma-BHC (Lindane)	0.05	"	"			
gamma-Chlordane	0.05	"	"			
Heptachlor	0.04	"	"			
Heptachlor epoxide	0.03	"	"			
Methoxychlor	35.0	"	"			
PCBs (ug/L)						
Aroclor-1248		NA	NA			
Aroclor-1254		"	"			
Aroclor-1260		"	"			
Total PCBs	0.09	ND	ND	ND	ND	ND

Table 5-18
Summary of Historic Overburden Groundwater Analytical Results
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground-water Standard ●	MW1-89 08/23/89 9.0 - 11.0 Fill	MW2-89 08/23/89 5.7 - 7.7 Fill	GW-1 10/16/90 4.0 - 9.0 Clay	GW-2 10/16/90 4.5 - 14.5 Fill	GW-3 10/16/90 4.5 - 14.5 Fill/Alluvium
Metals (ug/L)						
Aluminum	NS	NA	NA	845.0	243 B	227 B
Antimony ■	3.0	"	"			
Arsenic ■	25.0	"	"	2.4		
Barium	1,000	"	"	60.4	44.5	56.9
Beryllium ■	3.0	"	"			
Cadmium ■	5.0	"	"			
Calcium	NS	"	"	81,700	76,800	129,000
Chromium ■	50.0	"	"			
Cobalt	NS	"	"			
Copper ■	200.0	"	"			
Cyanide	200.0	"	"	**27,900**		
Iron	300.0	"	"	**2,130**	**489.0**	**638.0**
Lead ■	25.0	"	"	4.5	3.2	3.1
Magnesium	35,000 G	"	"	**53,100**	11,700	**35,900**
Manganese	300.0	"	"	299.0	123.0	132.0
Mercury ■	0.7	"	"			
Nickel	100.0	"	"			
Potassium	NS	"	"	11,600	3,650	9,950
Selenium ■	10.0	"	"			
Silver ■	50.0	"	"			
Sodium	20,000	"	"	**51,600**	**47,200**	**173,000**
Vanadium	NS	"	"			
Zinc ■	2,000 G	"	"	447.0	94.4	71.3

Notes:

● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.

*** = Applies to sum of phenolic compounds.**

Table 5-18
Summary of Historic Overburden Groundwater Analytical Results
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

B = Analyte detected in the associated blank, as well as in the sample (organics); value is greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics).

J = Result estimated between the quantitation limit and half the quantitation limit.

NA = Not analyzed.

ND = Non-detect; used for PCB results only.

NS = No standard or guidance value available.

ug/L = micrograms per liter or parts per billion.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Yellow shaded values exceed NYSDEC groundwater standards or guidance values.

The 1989 data was validated and accepted as accurate and complete with no qualifiers required.

The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.

Table checked by GMM on September 25, 2025.

Table 5-19
Summary of Overburden Groundwater Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number	NYSDEC	57-MW-1	57-MW-2	57-MW-3	57-MW-4	57-MW-5
Sample Date	Ground-	01/22/20	01/22/20	01/22/20	01/23/20	01/23/20
Well Screen Interval (ft bgs)	water	5.0 - 15.0	5.0 - 15.0	5.0 - 15.0	10.0 - 30.0	10.0 - 30.0
Screened Unit	Standard ●	Gravel & Sand	Fill & Sand	Sand & SC	Silty Clay	Silty Clay
Semi-Volatile Organic Compounds (ug/L)						
1,2-Dichlorobenzene	3.0					
1,2,4-Trichlorobenzene	5.0					
4-Methylphenol	1.0 *					
Acenaphthene (PAH)	20.0 G					
Acenapthylene (PAH)	NS					
Anthracene (PAH)	50.0 G					
Benzo[a]anthracene (PAH)	0.002 G					
Benzo[a]pyrene (PAH)	ND					
Benzo[b]fluoranthene (PAH)	0.002 G					
Benzo[g,h,i]perylene (PAH)	NS					
Benzo[k]fluoranthene (PAH)	0.002 G					
Bis(2-ethylhexyl) phthalate	5.0					
Chrysene (PAH)	0.002 G					
Dibenzo[a,h]anthracene (PAH)	NS					
Dibenzofuran	NS					
Diethylphthalate	50.0					
Di-n-butylphthalate	50.0					
Fluoranthene (PAH)	50.0 G					
Fluorene (PAH)	50.0 G					
Hexachlorobenzene	0.040					
Indeno[1,2,3-cd]pyrene (PAH)	0.002 G					
2-Methylnaphthalene (PAH)	NS					
Naphthalene (PAH)	10.0 G					
Phenanthrene (PAH)	50.0 G					
Phenol	1.0					
Pyrene (PAH)	50.0 G					

Table 5-19
Summary of Overburden Groundwater Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground-water Standard ●	57-MW-1 01/22/20 5.0 - 15.0 Gravel & Sand	57-MW-2 01/22/20 5.0 - 15.0 Fill & Sand	57-MW-3 01/22/20 5.0 - 15.0 Sand & SC	57-MW-4 01/23/20 10.0 - 30.0 Silty Clay	57-MW-5 01/23/20 10.0 - 30.0 Silty Clay
Pesticides (ug/L)						
4,4'-DDD	0.3					
4,4'-DDE	0.2					
4,4'-DDT	0.2					
Aldrin	ND					
alpha-BHC	0.01					
alpha or cis-Chlordane	0.05					
beta-BHC	0.04					
delta-BHC	0.04					
Dieldrin	0.004					
Endosulfan I	NS					
Endosulfan II	NS					
Endosulfan Sulfate	NS					
Endrin	ND					
Endrin Aldehyde	5.0					
Endrin Ketone	5.0					
gamma-BHC (Lindane)	0.05					
gamma or trans-Chlordane	0.05					
Heptachlor	0.04					
Heptachlor epoxide	0.03					
Methoxychlor	35.0					
PCBs (ug/L)						
Aroclor-1248						
Aroclor-1254						
Aroclor-1260						
Total PCBs	0.09					

Table 5-19
Summary of Overburden Groundwater Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number	NYSDEC	57-MW-1	57-MW-2	57-MW-3	57-MW-4	57-MW-5
Sample Date	Ground-	01/22/20	01/22/20	01/22/20	01/23/20	01/23/20
Well Screen Interval (ft bgs)	water	5.0 - 15.0	5.0 - 15.0	5.0 - 15.0	10.0 - 30.0	10.0 - 30.0
Screened Unit	Standard ●	Gravel & Sand	Fill & Sand	Sand & SC	Silty Clay	Silty Clay
Metals (ug/L)						
Aluminum	NS	NA	NA	NA	NA	NA
Antimony ■	3.0	NA	NA	NA	NA	NA
Arsenic ■	25.0				24.3	12.6
Barium	1,000	66.5 J	144.0	175.0		
Beryllium ■	3.0					
Cadmium ■	5.0					
Calcium	NS	NA	NA	NA	NA	NA
Chromium ■	50.0					
Cobalt	NS	NA	NA	NA	NA	NA
Copper ■	200.0					
Cyanide	200.0			6.5 J		
Iron	300.0	NA	NA	NA	NA	NA
Lead ■	25.0	7.0 J		**42.7**		
Magnesium	35,000 G	NA	NA	NA	NA	NA
Manganese	300.0	31.6	**694.0**	**2,690**	**321.0**	**365.0**
Mercury ■	0.7					0.144 J
Nickel	100.0					
Potassium	NS	NA	NA	NA	NA	NA
Selenium ■	10.0		**15.4 J**	**18.3 J**	**16.3 J**	
Silver ■	50.0					
Sodium	20,000	NA	NA	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA	NA
Zinc ■	2,000 G	256.0				

Notes:

● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.

ug/L = micrograms per liter or parts per billion.

Table 5-19
Summary of Overburden Groundwater Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

*** = Applies to sum of phenolic compounds.**
B = Analyte detected in the associated blank, as well as in the sample (organics); value is greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics).
J = Result estimated between the quantitation limit and half the quantitation limit.
NA = Not analyzed.
NS = No standard or guidance value available.
SC = Silty clay.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Yellow shaded values exceed NYSDEC groundwater standards or guidance values.
The DUSRs for these samples were not included in the BCP Remedial Investigation Report.
Table checked by GMM on September 26, 2025.

Table 5-20

Summary of Groundwater Analytical Results for Emerging Contaminants from the BCP Remedial Investigation

NYSDEC Site Characterization

Fedders Auto Components Site, Site No. 915024

Buffalo, New York

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Groundwater Standard ●	57-MW-1 01/22/20 5.0 - 15.0 Gravel & Sand	57-MW-2 01/22/20 5.0 - 15.0 Fill & Sand	57-MW-3 01/22/20 5.0 - 15.0 Sand & SC	57-MW-4 01/23/20 10.0 - 30.0 Silty Clay	57-MW-5 01/23/20 10.0 - 30.0 Silty Clay
Perfluoroalkyl Carboxylic Acids (ng/L)						
Perfluorobutanoic Acid (PFBA)	NS	4.58	10.7	10.3	5.15	2.56
Perfluoropentanoic Acid (PFPeA)	NS	3.20	2.17	4.79	0.770 J	2.06
Perfluorohexanoic Acid (PFHxA)	NS	2.50	2.18	3.79	0.610 J	2.13
Perfluoroheptanoic Acid (PFHpA)	NS	1.75	1.06 J	1.43 J	0.206 J	0.516 J
Perfluorooctanoic Acid (PFOA)	6.7 G	4.60	3.84	3.56	0.535 J	3.04
Perfluorononanoic Acid (PFNA)	NS	0.465 J	0.308 J			
Perfluorodecanoic Acid (PFDA)	NS					
Perfluoroundecanoic Acid (PFUnA)	NS					
Perfluorododecanoic Acid (PFDoA)	NS					
Perfluorotridecanoic Acid (PFTrDA)	NS					
Perfluorotetradecanoic Acid (PFTeDA)	NS	0.238 J				
Perfluoroalkyl Sulfonic Acids (ng/L)						
Perfluorobutanesulfonic Acid (PFBS)	NS	2.49	2.38	1.11 J		
Perfluorohexanesulfonic Acid (PFHxS)	NS	1.12 J	2.25			
Perfluoroheptanesulfonic Acid (PFHpS)	NS					
Perfluorooctanesulfonic Acid (PFOS)	2.7 G	**4.41**	0.713 J			
Perfluorodecanesulfonic Acid (PFDS)	NS					
Fluorotelomer Sulfonic Acids (ng/L)						
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	NS					
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	NS					
Perfluorooctane Sulfonamides (ng/L)						
Perfluorooctanesulfonamide (PFOSA)	NS					
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NS	1.03 J				
Perfluorooctane Sulfonamidoacetic Acids (ng/L)						
N-Ethyl Perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	0.794 J	0.842 J			
1,4-Dioxane (µg/L)						
1,4-Dioxane (P-Dioxane)	0.35 G	0.149 J	**52.1**	**1.36**	**0.473**	ND

Table 5-20

Summary of Groundwater Analytical Results for Emerging Contaminants from the BCP Remedial Investigation

NYSDEC Site Characterization

Fedders Auto Components Site, Site No. 915024

Notes:

- **● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2021.**
- **ng/L = nanograms per liter or parts per trillion.**
- **ug/L = micrograms per liter or parts per billion.**
- **G = Guidance value.**
- **J = Compound reported at an estimated concentration below the reporting limit.**
- **NA = Not analyzed.**
- **NS = No standard or guidance value available.**
- **SC = Silty clay.**
- **Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.**
- **Yellow shaded values exceed NYSDEC groundwater standards or guidance values.**
- **The DUSRs for these samples were not included in the BCP Remedial Investigation Report.**
- **Table checked by GMM on September 26, 2025.**

Table 5-21
Summary of Overburden Groundwater Analytical Results from Bike Path Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground- water Standard ●	MW-100 11/05/20 13.6 - 28.6 Fill & Sand	MW-103 11/05/20 8.6 - 23.6 Fill & Sand	MW-106 11/05/20 8.6 - 23.6 Fill & Sand
Semi-Volatile Organic Compounds (ug/L)				
1,2-Dichlorobenzene	3.0			
1,2,4-Trichlorobenzene	5.0			
2,4-Dimethylphenol	50.0 G	26 J		
4-Methylphenol	1.0 *			
Acenaphthene (PAH)	20.0 G	**340.0**	**110.0**	**130.0**
Acenapthylene (PAH)	NS	770.0	12.0	5.6
Acetophenone	NS			3.9 J
Anthracene (PAH)	50.0 G	**330.0**	17.0	17.0
Benzo[a]anthracene (PAH)	0.002 G	**170 J**	**0.68 J**	**0.53 J**
Benzo[a]pyrene (PAH)	ND	**200 J**	**0.52 J**	
Benzo[b]fluoranthene (PAH)	0.002 G	**110 J**	**0.34 J**	
Benzo[g,h,i]perylene (PAH)	NS	84 J		
Benzo[k]fluoranthene (PAH)	0.002 G	**48 J**		
Biphenyl	5.0	**340.0**		**27.0**
Bis(2-ethylhexyl) phthalate	5.0			
Carbazole	NS	16 J	1.5 J	1.8 J
Chrysene (PAH)	0.002 G	**140 J**	**0.53 J**	**0.46 J**
Dibenzo[a,h]anthracene (PAH)	NS	24 J		
Dibenzofuran	NS	76 J	7.2 J	4.5 J
Diethylphthalate	50.0			
Di-n-butylphthalate	50.0			
Fluoranthene (PAH)	50.0 G	**330.0**	7.0	6.1
Fluorene (PAH)	50.0 G	**400.0**	42.0	44.0
Hexachlorobenzene	0.040			
Indeno[1,2,3-cd]pyrene (PAH)	0.002 G	**57 J**		
2-Methylnaphthalene (PAH)	NS	3,000	81.0	

Table 5-21
Summary of Overburden Groundwater Analytical Results from Bike Path Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground- water Standard ●	MW-100 11/05/20 13.6 - 28.6 Fill & Sand	MW-103 11/05/20 8.6 - 23.6 Fill & Sand	MW-106 11/05/20 8.6 - 23.6 Fill & Sand
Semi-Volatile Organic Compounds (continued)				
Naphthalene (PAH)	10.0 G	**12,000**	**27.0**	
Phenanthrene (PAH)	50.0 G	**1,200**	**77.0**	**71.0**
Phenol	1.0	**39 J**	**1.9 J**	0.5 J
Pyrene (PAH)	50.0 G	**620.0**	10.0	10.0
Pesticides (ug/L)				
4,4'-DDD	0.3			
4,4'-DDE	0.2			
4,4'-DDT	0.2			0.085 B
Aldrin	ND			
alpha-BHC	0.01			
alpha or cis-Chlordane	0.05			
beta-BHC	0.04			
delta-BHC	0.04			**0.0880**
Dieldrin	0.004			
Endosulfan I	NS			
Endosulfan II	NS			
Endosulfan Sulfate	NS			
Endrin	ND			
Endrin Aldehyde	5.0			0.051 B
Endrin Ketone	5.0			0.020 J
gamma-BHC (Lindane)	0.05		0.016 JB	**0.11 B**
gamma or trans-Chlordane	0.05			
Heptachlor	0.04			**0.10**
Heptachlor epoxide	0.03			
Methoxychlor	35.0			

Table 5-21
Summary of Overburden Groundwater Analytical Results from Bike Path Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground- water Standard ●	MW-100 11/05/20 13.6 - 28.6 Fill & Sand	MW-103 11/05/20 8.6 - 23.6 Fill & Sand	MW-106 11/05/20 8.6 - 23.6 Fill & Sand
PCBs (ug/L)				
Aroclor-1248				
Aroclor-1254				
Aroclor-1260				
Total PCBs	0.09			
Metals (ug/L)				
Aluminum	NS	2,800	210.0	280.0
Antimony ■	3.0			
Arsenic ■	25.0			
Barium	1,000	680.0	53.0	270.0
Beryllium ■	3.0			
Cadmium ■	5.0	0.91 J		
Calcium	NS	217,000	102,000	209,000
Chromium ■	50.0	6.0		1.1 J
Cobalt	NS	2.7 J		
Copper ■	200.0	18.0	2.2 J	6.1 J
Iron	300.0	**4,900**	**2,000**	**7,500**
Lead ■	25.0	**37.0**	7.0 J	12.0
Magnesium	35,000 G	**166,000**	32,500	**57,500**
Manganese	300.0	**370.0**	**890.0**	**2,000**
Mercury ■	0.7			
Nickel	100.0	3.5 J		
Potassium	NS	9,900	9,200	10,000
Selenium ■	10.0			
Silver ■	50.0			
Sodium	20,000	**173,000**	**50,900**	**79,600**
Vanadium	NS	10.0		
Zinc ■	2,000 G	62.0	5.1 J	25.0

Table 5-21
Summary of Overburden Groundwater Analytical Results from Bike Path Wells
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes:

- **● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.**
- *** = Applies to sum of phenolic compounds.**
- **B = Analyte detected in the associated blank, as well as in the sample.**
- **J = Result estimated between the quantitation limit and half the quantitation limit.**
- **NA = Not analyzed.**
- **NS = No standard or guidance value available.**
- **ug/L = micrograms per liter or parts per billion.**
- **Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.**
- **Yellow shaded values exceed NYSDEC groundwater standards or guidance values.**
- **This table was in the 31 Tonawanda Street Off-Site Remedial Investigation Report so it would have been checked.**

Table 5-22A
Summary of Overburden Groundwater Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground-water Standard •	MW-1S 01/15/26 5.0 - 15.0 Sand & Gravel	MW-1D 12/17/25 20.0 - 30.0 Silty Clay	MW-2S 12/17/25 5.0 - 15.0 Fill & Sand	MW-2D 01/16/26 18.0 - 28.0 Sand & Gravel	MW-3S 12/17/25 5.0 - 15.0 Sand & SC	MW-3D 12/17/25 20.0 - 30.0 Silty Clay	MW-4D 12/17/25 10.0 - 30.0 Silty Clay
Semi-Volatile Organic Compounds (ug/L)								
1,2-Dichlorobenzene	3.0							
1,2,4-Trichlorobenzene	5.0							
3 & 4-Methylphenol	1.0 *				**5.8 J**			
Acenaphthene (PAH)	20.0 G				**49.0**			
Acenapthylene (PAH)	NS				210.0			
Acetophenone	NS				6.4 J			
Anthracene (PAH)	50.0 G				15.0			
Benzo[a]anthracene (PAH)	0.002 G				**3.3 J**			
Benzo[a]pyrene (PAH)	ND				**2.6 J**			
Benzo[b]fluoranthene (PAH)	0.002 G							
Benzo[g,h,i]perylene (PAH)	NS				1.1 J			
Benzo[k]fluoranthene (PAH)	0.002 G							
Biphenyl	5.0				**75.0**			
Bis(2-ethylhexyl) phthalate	5.0							
Carbazole	NS				6.2 J			
Chrysene (PAH)	0.002 G				**2.7 J**			
Dibenzo[a,h]anthracene (PAH)	NS							
Dibenzofuran	NS				12.0			
Diethylphthalate	50.0							
Di-n-butylphthalate	50.0							
Fluoranthene (PAH)	50.0 G				8.7			
Fluorene (PAH)	50.0 G				**53.0**			
Hexachlorobenzene	0.040							
Indeno[1,2,3-cd]pyrene (PAH)	0.002 G				**0.86 J**			
1-Methylnaphthalene (PAH)	NS				630.0			
2-Methylnaphthalene (PAH)	NS				930.0			

Table 5-22A
Summary of Overburden Groundwater Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Well Number	NYSDEC	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D	MW-4D
Sample Date	Ground-	01/15/26	12/17/25	12/17/25	01/16/26	12/17/25	12/17/25	12/17/25
Well Screen Interval (ft bgs)	water	5.0 - 15.0	20.0 - 30.0	5.0 - 15.0	18.0 - 28.0	5.0 - 15.0	20.0 - 30.0	10.0 - 30.0
Screened Unit	Standard ●	Sand & Gravel	Silty Clay	Fill & Sand	Sand & Gravel	Sand & SC	Silty Clay	Silty Clay
Semi-Volatile Organic Compounds (continued)								
Naphthalene (PAH)	10.0 G				**5,400**			
Phenanthrene (PAH)	50.0 G				**84.0**			
Phenol	1.0							
Pyrene (PAH)	50.0 G				18.0			
Miscellaneous (ug/L)								
1,4-Dioxane	0.35 G	**0.76**		**41.0**	**2.9**	**0.45**		
Ammonia	2,000	1,100	**4,000**	800.0	2,000	**13,000**	270.0	
Total Cyanide	200.0			9.9 J			42.0	9.9 J

Notes:

● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.
ug/L = micrograms per liter or parts per billion.
*** = Applies to sum of phenolic compounds.**
B = Analyte detected in the associated blank, as well as in the sample (organics); value is greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics).
J = Result estimated between the quantitation limit and half the quantitation limit.
NA = Not analyzed.
NS = No standard or guidance value available.
SC = Silty clay.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Yellow shaded values exceed NYSDEC groundwater standards or guidance values.
Table checked against the data validator's qualifiers by GMM on July 10, 2026.

Table 5-22B
Summary of Overburden Groundwater Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number Sample Date Well Screen Interval (ft bgs) Screened Unit	NYSDEC Ground-water Standard •	MW-5D 01/15/26 10.0 - 30.0 Silty Clay	MW-6D 12/17/25 15.0 - 30.0 Silty Clay	MW-7D 12/17/25 15.0 - 30.0 Silty Clay	MW-8D 12/17/25 15.0 - 25.0 Sand & Gravel	MW-9D 01/16/26 18.0 - 28.0 Sand & Gravel	MW-100 01/16/26 13.6 - 28.6 Fill & Sand	MW-103 01/16/26 8.6 - 23.6 Fill & Sand
Semi-Volatile Organic Compounds (ug/L)								
1,2-Dichlorobenzene	3.0							
1,2,4-Trichlorobenzene	5.0							
3 & 4-Methylphenol	1.0 *							
Acenaphthene (PAH)	20.0 G				7.0	**130.0**	**230.0**	16.0
Acenapthylene (PAH)	NS				10.0	280.0	19.0 J	2.4 J
Acetophenone	NS			2.1 J		5.3 J		
Anthracene (PAH)	50.0 G					**56.0**	38.0	3.3 J
Benzo[a]anthracene (PAH)	0.002 G					**23.0**	**21.0**	
Benzo[a]pyrene (PAH)	ND					**21.0**	**21.0**	
Benzo[b]fluoranthene (PAH)	0.002 G							
Benzo[g,h,i]perylene (PAH)	NS					10.0 J	10.0 J	
Benzo[k]fluoranthene (PAH)	0.002 G							
Biphenyl	5.0				3.7 J	**110.0**	**48.0 J**	4.8 J
Bis(2-ethylhexyl) phthalate	5.0							
Carbazole	NS				0.70 J	8.0 J	7.2 J	
Chrysene (PAH)	0.002 G					**21.0**	**19.0 J**	
Dibenzo[a,h]anthracene (PAH)	NS							
Dibenzofuran	NS					19.0	13.0 J	1.2 J
Diethylphthalate	50.0							
Di-n-butylphthalate	50.0							
Fluoranthene (PAH)	50.0 G					47.0	41.0	2.0 J
Fluorene (PAH)	50.0 G				2.6 J	**94.0**	**62.0**	6.4
Hexachlorobenzene	0.040							
Indeno[1,2,3-cd]pyrene (PAH)	0.002 G					**8.0 J**	**7.8 J**	
1-Methylnaphthalene (PAH)	NS				55.0	750.0	540.0	26.0
2-Methylnaphthalene (PAH)	NS					1,100	680.0	36.0

Table 5-22B
Summary of Overburden Groundwater Analytical Results from the NYSDEC Site Characterization
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Well Number	NYSDEC	MW-5D	MW-6D	MW-7D	MW-8D	MW-9D	MW-100	MW-103
Sample Date	Ground-	01/15/26	12/17/25	12/17/25	12/17/25	01/16/26	01/16/26	01/16/26
Well Screen Interval (ft bgs)	water	10.0 - 30.0	15.0 - 30.0	15.0 - 30.0	15.0 - 25.0	18.0 - 28.0	13.6 - 28.6	8.6 - 23.6
Screened Unit	Standard ●	Silty Clay	Silty Clay	Silty Clay	Sand & Gravel	Sand & Gravel	Fill & Sand	Fill & Sand
Semi-Volatile Organic Compounds (continued)								
Naphthalene (PAH)	10.0 G					**7,000**	**3,400**	**81.0**
Phenanthrene (PAH)	50.0 G					**230.0**	**160.0**	16.0
Phenol	1.0				**10.0**			
Pyrene (PAH)	50.0 G			1.8 J		**100.0**	**90.0**	3.3 J
Miscellaneous (ug/L)								
1,4-Dioxane	0.35 G				**34.0**	**4.0**	**3.1**	**0.48**
Ammonia	2,000				**11,000**	**2,400**	**4,500**	
Total Cyanide	200.0		19.0					

Notes:

● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2004.
ug/L = micrograms per liter or parts per billion.
*** = Applies to sum of phenolic compounds.**
B = Analyte detected in the associated blank, as well as in the sample (organics); value is greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics).
J = Result estimated between the quantitation limit and half the quantitation limit.
NA = Not analyzed.
NS = No standard or guidance value available.
SC = Silty clay.
Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.
Yellow shaded values exceed NYSDEC groundwater standards or guidance values.
Table checked against the data validator's qualifiers by GMM on July 10, 2026.

Table 5-23
Summary of Surface Water Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Sample Date Sample Depth (ft bgs) Sample Location	NYSDEC Surface Water Standard ●	SW-1 10/15/90 N/A 71 Ton. St.	SW-2 10/15/90 N/A 57 Ton. St.	SW-3 10/15/90 N/A At West Ave.	SC-SW-East 08/29/22 N/A At West Ave.
Volatile Organic Compounds (ug/L)					
1,1,1-Trichloroethane	5.0				
1,1,2-Trichloroethane	1.0				
1,1,2,2-Tetrachloroethane	0.2 G				
1,1-Dichloroethane	5.0				
1,1-Dichloroethene	0.7 G				
1,2-Dichlorobenzene	3.0	NA	NA	NA	
1,2-Dichloroethane	0.6				
cis-1,2-Dichloroethene	5.0				
trans-1,2-Dichloroethene	5.0				
1,2,4-Trichlorobenzene	5.0 G	NA	NA	NA	
1,2,4-Trimethylbenzene	5.0	NA	NA	NA	
1,3,5-Trimethylbenzene	5.0	NA	NA	NA	
Acetone	50.0 G	13.0 B	10.0 B	6.0 B	
Benzene	1.0				
Carbon Disulfide	60.0 G				
Chloroethane	5.0 G				
Chloroform	7.0				
Ethylbenzene	5.0				
Isopropylbenzene	5.0 G	NA	NA	NA	
p-Isopropyltoluene	5.0	NA	NA	NA	
Methyl Acetate	NS	NA	NA	NA	
Methyl ethyl ketone (2-Butanone)	50.0 G				
Methyl tert-butyl ether	10.0 G	NA	NA	NA	
Methylcyclohexane	NS	NA	NA	NA	
Methylene Chloride	5.0	**6.0 B**	**14.0 B**	4.0 B	
n-Propylbenzene	5.0	NA	NA	NA	
Styrene	5.0 G				

Table 5-23
Summary of Surface Water Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Sample Date Sample Depth (ft bgs) Sample Location	NYSDEC Surface Water Standard ●	SW-1 10/15/90 N/A 71 Ton. St.	SW-2 10/15/90 N/A 57 Ton. St.	SW-3 10/15/90 N/A At West Ave.	SC-SW-East 08/29/22 N/A At West Ave.
Volatile Organic Compounds (continued)					
Tetrachloroethene	0.7 G				
Toluene	5.0				
Trichloroethene	5.0				
Vinyl Chloride	0.3 G				
Xylene (Total)	5.0				
Semi-Volatile Organic Compounds (ug/L)					
Biphenyl	5.0 G	NA	NA	NA	
2,4-Dimethylphenol	50.0 G				
2-Methylnaphthalene (PAH)	4.7				
2-Methylphenol	1.0 *				
2-Nitroaniline	5.0 G				
4-Chloro-3-Methylphenol	NS				
4-Methylphenol	1.0 *				
Acenaphthene (PAH)	20.0				
Acenapthylene (PAH)	NS				
Acetophenone	NS	NA	NA	NA	
Anthracene (PAH)	50.0 G				
Benzo[a]anthracene (PAH)	0.002 G				
Benzo[a]pyrene (PAH)	0.002 G				
Benzo[b]fluoranthene (PAH)	0.002 G				
Benzo[g,h,i]perylene (PAH)	NS				
Benzo[k]fluoranthene (PAH)	0.002 G				
Bis(2-chloroethoxy)methane	5.0 G				
Bis(2-ethylhexyl) phthalate	5.0	5.0 B	**12.0 B**	**12.0 B**	
Carbazole	NS	NA	NA	NA	
Chrysene (PAH)	0.002 G				

Table 5-23
Summary of Surface Water Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Sample Date Sample Depth (ft bgs) Sample Location	NYSDEC Surface Water Standard ●	SW-1 10/15/90 N/A 71 Ton. St.	SW-2 10/15/90 N/A 57 Ton. St.	SW-3 10/15/90 N/A At West Ave.	SC-SW-East 08/29/22 N/A At West Ave.
Semi-Volatile Organic Compounds (continued)					
Dibenzo[a,h]anthracene (PAH)	NS				
Dibenzofuran	NS				
Diethylphthalate	50.0 G				
Dimethylphthalate	50.0 G				
Di-n-butylphthalate	50.0 G	2.0 J	7.0 J	4.0 J	
Fluoranthene (PAH)	50.0 G				
Fluorene (PAH)	50.0 G				
Hexachlorobenzene	0.04				
Hexachloroethane	5.0				
Indeno[1,2,3-cd]pyrene (PAH)	0.002 G				
Naphthalene (PAH)	13.0 G				
Pentachlorophenol	1.0 *				
Phenanthrene (PAH)	50.0 G				
Phenol	1.0 *				
Pyrene (PAH)	50.0 G				
Pesticides (ug/L)					
4,4-DDD	0.3				
4,4-DDE	0.2				
4,4-DDT	0.2				
Aldrin	0.002 G				
alpha-BHC	0.01				
alpha or cis-Chlordane	0.05				
beta-BHC	0.04				
delta-BHC	0.04				
Dieldrin	0.004				
Endosulfan I	NS				

Table 5-23
Summary of Surface Water Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Sample Date Sample Depth (ft bgs) Sample Location	NYSDEC Surface Water Standard ●	SW-1 10/15/90 N/A 71 Ton. St.	SW-2 10/15/90 N/A 57 Ton. St.	SW-3 10/15/90 N/A At West Ave.	SC-SW-East 08/29/22 N/A At West Ave.
Pesticides (continued)					
Endosulfan II	NS				
Endosulfan sulfate	NS				
Endrin	0.2				
Endrin Aldehyde	5.0 G	NA	NA	NA	
Endrin Ketone	5.0 G				
gamma-BHC (Lindane)	0.05				
gamma or trans-Chlordane	0.05				
Heptachlor	0.04				
Heptachlor epoxide	0.03				
Methoxychlor	35.0				
PCBs (ug/L)					
Aroclor 1248					
Aroclor 1254					
Aroclor 1260					
Total PCBs	0.09				
Metals (ug/L)					
Aluminum	100.0	**352 B**	**509 B**	**296 B**	17.0 J
Antimony ■	3.0				**10.0 J**
Arsenic ■	50.0				
Barium	1,000	63.7	64.3	60.1	43.0 J
Beryllium ■	3.0 G				
Cadmium ■	5.0				
Calcium	NS	173,000	169,000	176,000	160,000
Chromium ■	50.0				
Cobalt	5.0				
Copper ■	200.0				5.6 J

Table 5-23
Summary of Surface Water Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Sample Date Sample Depth (ft bgs) Sample Location	NYSDEC Surface Water Standard ●	SW-1 10/15/90 N/A 71 Ton. St.	SW-2 10/15/90 N/A 57 Ton. St.	SW-3 10/15/90 N/A At West Ave.	SC-SW-East 08/29/22 N/A At West Ave.
Metals (continued)					
Cyanide	200.0				NA
Iron	300.0	**784.0**	**1,130**	**582.0**	100.0
Lead ■	50.0	7.5	15.0	10.6	
Magnesium	35,000	23,800	23,300	23,200	18,000
Manganese	300.0	56.0	62.5	54.2	14.0
Mercury ■	0.7				
Nickel	100.0				
Potassium	NS	3,680	3,730	3,850	3,500
Selenium ■	10.0				
Silver ■	50.0				
Sodium	NS	58,100	57,400	56,000	98,000
Thallium	0.5 G				
Vanadium	14.0				6.0 J
Zinc ■	2,000 G	54.6	45.9	35.1	5.1 J
Miscellaneous Compounds (ug/L)					
1,4-Dioxane	0.35 G	NA	NA	NA	0.087 J

Notes:

● = NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998, with addenda through 2021.
*** = Applies to sum of phenolic compounds.**
B = Analyte was detected in the associated blank, as well as in the sample (organics); value is greater than or equal to the instrument detection limit, but less contract required than the detection limit (inorganics).
J = Analyte was positively identified at an estimated concentration.
NA = Not analyzed.
N/A = Not applicable.
NS = No standard or guidance value available.
ug/L = micrograms per liter or parts per billion.
Blanks = Contaminant was analyzed for but not detected at or above the laboratory detection limit.

Table 5-23
Summary of Surface Water Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Notes (continued):

Yellow shaded values exceed NYSDEC surface water standards or guidance values.
The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.
The 2022 results were not validated.
Table checked by GMM on September 29, 2025.

Table 5-24
Summary of Sediment Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Number Sample Date Depth Interval (ft) Sample Location	Sediment Guidance Values Class A *	Sediment Guidance Values Class B **	Sediment Guidance Values Class C +	Sediment Guidance Values for PAHs ++	SED-1 10/15/90 0.0' - 1.0' 71 Ton. St.	SED-2 10/15/90 0.0' - 1.0' 57 Ton. St.	SED-3 10/15/90 0.0' - 1.0' West Ave.	SCJ-12-01-02 03/30/17 0.0' - 0.2' West Ave.	SJ-5-E 09/25/17 0.0' - 0.5' West Ave.
Volatile Organic Compounds (µg/kg)									
1,1,1-Trichloroethane ♠	< 1,900	1,900 – 3,500	> 3,500	NA				NA	NA
1,1,2-Trichloroethane ♠	< 1,900	1,900 – 3,500	> 3,500	NA				"	"
1,1,2,2-Tetrachloroethane	< 2,800	2,800 – 5,400	> 5,400	NA				"	"
1,1-Dichloroethane	NS	NS	NS	NA				"	"
1,1-Dichloroethene	< 520	520 – 4,700	> 4,700	NA				"	"
1,2-Dichloroethane	NS	NS	NS	NA				"	"
cis-1,2-Dichloroethene	NS	NS	NS	NA			13.0	"	"
trans-1,2-Dichloroethene	< 1,200	1,200 – 11,000	> 11,000	NA				"	"
Acetone	NS	NS	NS	NA	74.0 B	35.0 B	37.0 B	"	"
Benzene	< 530	530 – 1,900	> 1,900	NA				"	"
Carbon Disulfide	NS	NS	NS	NA				"	"
Chloroethane	NS	NS	NS	NA				"	"
Chloroform	NS	NS	NS	NA				"	"
Ethylbenzene	< 430	430 – 3,700	> 3,700	NA				"	"
Methyl ethyl ketone (2-Butanone)	NS	NS	NS	NA				"	"
Methylene Chloride	NS	NS	NS	68 ●	18.0 B	14.0 B	14.0 B	"	"
Styrene	NS	NS	NS	NA				"	"
Tetrachloroethene	< 16,000	16,000 – 57,000	> 57,000	NA			85.0	"	"
Toluene	< 930	930 – 4,500	> 4,500	NA				"	"
Trichloroethene	< 1,800	1,800 – 8,600	> 8,600	NA			17.0	"	"
Vinyl Chloride	NS	NS	NS	NA				"	"
Xylene, Total	< 590	590 – 5,200	> 5,200	NA				"	"

Table 5-24
Summary of Sediment Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Number Sample Date Depth Interval (ft) Sample Location	Sediment Guidance Values Class A *	Sediment Guidance Values Class B **	Sediment Guidance Values Class C +	Sediment Guidance Values for PAHs ++	SED-1 10/15/90 0.0' - 1.0' 71 Ton. St.	SED-2 10/15/90 0.0' - 1.0' 57 Ton. St.	SED-3 10/15/90 0.0' - 1.0' West Ave.	SCJ-12-01-02 03/30/17 0.0' - 0.2' West Ave.	SJ-5-E 09/25/17 0.0' - 0.5' West Ave.
Semivolatile Organic Compounds (µg/kg)									
2-Methylnaphthalene (PAH)	NS	NS	NS	NA	830 J			NA	NA
2-Methylphenol	NS	NS	NS	NA				"	"
2,4-Dimethylphenol	NS	NS	NS	3,600 ●				"	"
4-Nitrophenol	NS	NS	NS	NA				"	"
Acenaphthene (PAH)	NS	NS	NS	9,820	4,000 J		78.0 J	"	"
Acenapthylene (PAH)	NS	NS	NS	9,040	220 J			"	"
Anthracene (PAH)	NS	NS	NS	11,880	11,000	380.0 J	140.0 J	"	"
Benzo[a]anthracene (PAH)	NS	NS	NS	16,820	**34,000**	1,300 J	580.0	"	"
Benzo[a]pyrene (PAH)	NS	NS	NS	19,280	**29,000**	1,600 J	740.0	"	"
Benzo[b]fluoranthene (PAH)	NS	NS	NS	19,580	**27,000**	1,600 J	750.0	"	"
Benzo[g,h,i]perylene (PAH)	NS	NS	NS	21,900	16,000	1,500 J	510.0	"	"
Benzo[k]fluoranthene (PAH)	NS	NS	NS	19,600	**20,000**	730.0 J	500.0	"	"
Biphenyl	NS	NS	NS	NA	NA	NA	NA	"	"
Bis(2-ethylhexyl)phthalate	< 360,000	> 360,000	NS	NA	4,900 B	1,800 B	940.0 B	"	"
Carbazole	NS	NS	NS	NA	3,700 J			"	"
Chrysene (PAH)	NS	NS	NS	16,860	**34,000**	1,400 J	620.0	"	"
Dibenzo(a,h)anthracene (PAH)	NS	NS	NS	22,440	4,800 J	260.0 J	83.0 J	"	"
Dibenzofuran	NS	NS	NS	NA	2,500 J	100.0 J		"	"
Fluoranthene (PAH)	NS	NS	NS	14,160	**52,000**	2,100 J	980.0	"	"
Fluorene (PAH)	NS	NS	NS	10,780	4,700 J	170.0 J	83.0 J	"	"
Indeno(1,2,3-cd)pyrene (PAH)	NS	NS	NS	22,300	18,000	1,200 J		"	"
Naphthalene (PAH)	NS	NS	NS	7,700	4,400 J		51.0 J	"	"
Phenanthrene (PAH)	NS	NS	NS	11,940	**50,000**	1,700 J	690.0	"	"
Pyrene (PAH)	NS	NS	NS	13,960	**70,000**	1,900 J	1,200	"	"
Total PAH	**< 4,000**	**4,000 – 35,000**	**> 35,000**	**NS**	**379,950**	**15,840**	**7,005**	NA	NA

Table 5-24
Summary of Sediment Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Number Sample Date Depth Interval (ft) Sample Location	Sediment Guidance Values Class A *	Sediment Guidance Values Class B **	Sediment Guidance Values Class C +	Sediment Guidance Values for PAHs ++	SED-1 10/15/90 0.0' - 1.0' 71 Ton. St.	SED-2 10/15/90 0.0' - 1.0' 57 Ton. St.	SED-3 10/15/90 0.0' - 1.0' West Ave.	SCJ-12-01-02 03/30/17 0.0' - 0.2' West Ave.	SJ-5-E 09/25/17 0.0' - 0.5' West Ave.
Pesticides (µg/kg)									
Aldrin	NS	NS	NS	NA					NA
alpha-BHC	NS	NS	NS	0.21 ●					"
beta-BHC	NS	NS	NS	0.84 ●					"
delta-BHC	NS	NS	NS	0.81 ●				**2.4 J**	"
gamma-BHC (Lindane)	< 47	47 - 78	> 78	NA					"
alpha-Chlordane	< 68	68 - 38,000	> 38,000	NA					"
gamma-Chlordane	< 68	68 - 38,000	> 38,000	NA					"
4,4'-DDD	NS	NS	NS	1.4 ●				**1.6 JP**	"
4,4'-DDE	NS	NS	NS	0.62 ●				**1.4 JP**	"
4,4'-DDT	< 44	44 - 48,000	> 48,000	NA					"
Dieldrin	< 180	180 - 780	> 780	NA				0.84 JP	"
Endosulfan I	< 1	1 - 20	> 20	NA					"
Endosulfan II	NS	NS	NS	NA					"
Endosulfan Sulfate	NS	NS	NS	NA					"
Endrin	< 90	90 - 220	> 220	NA					"
Endrin Ketone	NS	NS	NS	NA					"
Heptachlor	< 75	75 - 10,000	> 10,000	NA					"
Heptachlor Epoxide	< 15	15 - 2,100	> 2,100	NA				0.72 JP	"
PCBs (µg/kg)									
Aroclor 1242									NA
Aroclor 1248								180.0	"
Aroclor 1254					3,400 J		200.0 J	100.0	"
Aroclor 1260						460.0 J		62.0	"
Total PCBs	< 100	100 - 1,000	> 1,000	NA	**3,400 J**	**460.0 J**	**200.0 J**	**342.0**	"

Table 5-24
Summary of Sediment Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Sample Number Sample Date Depth Interval (ft) Sample Location	Sediment Guidance Values Class A *	Sediment Guidance Values Class B **	Sediment Guidance Values Class C +	Sediment Guidance Values for PAHs ++	SED-1 10/15/90 0.0' - 1.0' 71 Ton. St.	SED-2 10/15/90 0.0' - 1.0' 57 Ton. St.	SED-3 10/15/90 0.0' - 1.0' West Ave.	SCJ-12-01-02 03/30/17 0.0' - 0.2' West Ave.	SJ-5-E 09/25/17 0.0' - 0.5' West Ave.
Metals (mg/kg or ppm)									
Aluminum	NS	NS	NS	NA	10,800	6,500	1,480	5,600	21,400
Antimony ■	NS	NS	NS	NA				0.40	
Arsenic ■	< 10	10 - 33	> 33	NA	**11.0 L**	5.9 L	2.7 L	2.3	**10.0**
Barium	NS	NS	NS	NA	238.0	90.0	23.1	46.4	168.0
Beryllium ■	NS	NS	NS	NA				0.41	0.98
Cadmium ■	< 1	1 - 5	> 5	NA	**10.6**	**4.5**	**4.5**	0.16	**3.0**
Calcium	NS	NS	NS	NA	94,300	136,000	9,470	90,700	92,800
Chromium ■	< 43	43 - 110	> 110	NA	**76.7 L**	33.2 L	16.8 L	19.4	**68.3**
Cobalt	NS	NS	NS	NA	8.0			1.8	12.5 J
Copper ■	< 32	32 - 150	> 150	NA	**390.0**	**192.0**	**362.0**	21.0	**161.0**
Iron	NS	NS	NS	NA	25,800	17,100	13,300	10,300	37,300
Lead ■	< 36	36 - 130	> 130	NA	**615.0**	**502.0**	**9,890**	**278 ^**	**256.0**
Magnesium	NS	NS	NS	NA	12,300	12,400	1,840	9,180	16,900
Manganese	NS	NS	NS	NA	536.0	367.0	109.0	410.0	500.0
Mercury ■	< 0.2	0.2 - 1	> 1	NA	**1.82**	**0.37**		**0.26**	**0.32**
Nickel	< 23	23 - 49	> 49	NA	**42.9**	**23.1**	**26.2**	6.0	**40.9**
Potassium	NS	NS	NS	NA	1,280	1,090	161.0	324.0	4,560
Selenium ■	NS	NS	NS	NA	1.2 L	0.50 L		0.78	
Silver ■	< 1	1 - 2.2	> 2.2	NA				0.055 J	
Sodium	NS	NS	NS	NA	1,340	390.0		421.0	591 J
Thallium	NS	NS	NS	NA				0.026 J	0.41 J
Vanadium	NS	NS	NS	NA	32.4 L	21.3 L	6.0 L	5.2	46.1
Zinc ■	< 120	120 - 460	> 460	NA	**918.0**	**824.0**	**856.0**	68.9	**785.0**

Table 5-24
Summary of Sediment Analytical Results from Scajaquada Creek
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Notes:

*** = Sediment is considered to present a low risk to aquatic life.**
**** = Sediment is considered to be moderately contaminated.**
+ = Sediment is considered highly contaminated and likely to present a high risk to aquatic life.
++ = PAH sediment guidance value at 2% TOC.
♠ = Sediment criteria are for the sum of isomers.
● = Sediment criteria for the protection of human health bioaccumulation at 2% TOC. Used when no other guidance value was available.
■ = Environmental Protection Agency priority pollutant metal.
mg/kg = milligrams per kilogram or parts per million.
ug/kg = micrograms per kilogram or parts per billion.
J = Analyte is positively identified with concentration qualified as estimated value.
^ = Instrument related QC is outside acceptance limits.
L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.
NA = Not applicable (for standards) or not analyzed (for results).
NS = No standard or guidance value available.
P = The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
PAH = Polycyclic aromatic hydrocarbon.
Blanks = compound not detected.
Yellow shaded results exceed the NYSDEC Class B sediment guidance values.
Orange shaded results exceed the NYSDEC Class C sediment guidance values.
Pink shaded results exceed the PAH sediment guidance values.
Gray shaded results exceed the human health bioaccumulation sediment guidance values.
The 1992 NYSDEC Phase II Investigation Report does not state that the 1990 results were validated.
The DUSRs for the 2017 results were not available to this author.
Table checked by GMM on September 29, 2025.

Table 5-25
Summary of NAPL Analytical Results from Sites in the Study Area
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number	B8	MWF2	MW-100	MW-100	MW-100
Sample Type	NAPL	NAPL	NAPL	NAPL	NAPL
Site Name	Westwood	Westwood	Bike Path	Bike Path	Bike Path
Sample Date	05/20/92	05/20/92	10/29/20	11/05/20	01/14/21
Volatile Organic Compounds (mg/kg or ppm)					
1,1,1-Trichloroethane			H		
1,1,2,2-Tetrachloroethane			H		
1,1-Dichloroethane			H		
1,1-Dichloroethene			H		
Acetone			H		
Benzene	750.0	250 J	H	1,500	1,000
cis-1,2-Dichloroethene			H		
trans-1,2-Dichloroethene			H		
Ethylbenzene	6,600	1,400	H	6,500 H	6,400
Isopropylbenzene (cumene)	NA	NA	H	150.0	330.0
Methylene Chloride			H		21 JB
Styrene			H	360.0	
Toluene		480 J	H	3,200	840.0
Tetrachloroethene			H		
Trichloroethene			H		
Vinyl chloride			H		
Xylene, Total	5,200	1,370 J	H	3,500	4,000
Total BTEX	**12,550**	**3,500 J**	**N/A**	**14,700 H**	**12,240**
Total VOCs	**12,550**	**3,500 J**	**N/A**	**15,210 H**	**12,591 JB**
Semivolatile Organic Compounds (mg/kg or ppm)					
2,4-Dinitrotoluene	NA	NA			
2-Methylnaphthalene (PAH)	27,000	34,000	310 JH	41,000	42,000
2-Methylphenol			H		
Acenaphthene (PAH)	17,000	14,000	H	4,500	13,000
Acenapthylene (PAH)	1,500 J	2,500 J	130 JH	14,000	6,800

Table 5-25
Summary of NAPL Analytical Results from Sites in the Study Area
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number	B8	MWF2	MW-100	MW-100	MW-100
Sample Type	NAPL	NAPL	NAPL	NAPL	NAPL
Site Name	Westwood	Westwood	Bike Path	Bike Path	Bike Path
Sample Date	05/20/92	05/20/92	10/29/20	11/05/20	01/14/21
Semivolatile Organic Compounds (continued)					
Anthracene (PAH)	7,900	7,300	H	7,700	8,400
Benzo[a]anthracene (PAH)	4,100 J	4,200 J	H	3,900	4,500
Benzo[a]pyrene (PAH)	3,400 J	3,400 J	H	4,500	4,900
Benzo[b]fluoranthene (PAH)	1,200 J	1,300 J	H	2,200 J	2,700
Benzo[g,h,i]perylene (PAH)			H *	2,300 J*	2,000
Benzo[k]fluoranthene (PAH)	1,900 J	1,700 J	H	1,200 J	1,500
Biphenyl	NA	NA	H	5,200	5,800
Bis(2-ethylhexyl)phthalate			H		
Carbazole	NA	NA	H		110 J
Chrysene (PAH)	3,800 J	4,000 J	H	3,400 J	3,900
Dibenzo(a,h)anthracene (PAH)			H *		440 J
Dibenzofuran	970 J	1,000 J	H	1,400 J	1,300
Diethyl phthalate			H		
Fluoranthene (PAH)	8,700	7,900	73 JH	8,100	7,800
Fluorene (PAH)	8,100	8,600	75 JH	7,800	7,900
Indeno(1,2,3-cd)pyrene (PAH)			H *	1,500 J*	1,400
Naphthalene (PAH)	57,000	66,000	550 H	71,000	74,000
Phenanthrene (PAH)	25,000	25,000	280 JH	27,000	28,000
Phenol (total)			H		
Pyrene (PAH)	14,000	13,000	130 JH	14,000	15,000
Total PAH	**180,600 J**	**192,900 J**	**1,548 JH**	**214,100 J**	**224,240 J**
Total SVOCs	**181,570 J**	**193,900 J**	**1,548 JH**	**220,700 J**	**231, 450 J**

Table 5-25
Summary of NAPL Analytical Results from Sites in the Study Area
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number	B8	MWF2	MW-100	MW-100	MW-100
Sample Type	NAPL	NAPL	NAPL	NAPL	NAPL
Site Name	Westwood	Westwood	Bike Path	Bike Path	Bike Path
Sample Date	05/20/92	05/20/92	10/29/20	11/05/20	01/14/21
Pesticides (mg/kg or ppm)					
4,4'-DDD	NA	NA	H		
4,4'-DDE	"	"	H		
4,4'-DDT	"	"	H	1.7 J	
Aldrin	"	"	H		
alpha-BHC	"	"	H		
alpha or cis-Chlordane	"	"	H		
beta-BHC	"	"	H		
delta-BHC	"	"	H		
Endosulfan I	"	"	H		
Endosulfan II	"	"	H		
Endosulfan Sulfate	"	"	H		
Endrin	"	"	H		
Endrin Aldehyde	"	"	H		
Endrin Ketone	"	"	H		
gamma-BHC (Lindane)	"	"	H		
gamma or trans-Chlordane	"	"	H		
Heptachlor	"	"	H		
Heptachlor epoxide	"	"	H		
Methoxychlor	"	"	H	3.7 J	
PCBs (mg/kg or ppm)					
Aroclor 1242	NA	NA			
Aroclor 1248	"	"			
Aroclor 1254	"	"			
Aroclor 1260	"	"			
Total PCBs	"	"			

Table 5-25
Summary of NAPL Analytical Results from Sites in the Study Area
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number	B8	MWF2	MW-100	MW-100	MW-100
Sample Type	NAPL	NAPL	NAPL	NAPL	NAPL
Site Name	Westwood	Westwood	Bike Path	Bike Path	Bike Path
Sample Date	05/20/92	05/20/92	10/29/20	11/05/20	01/14/21
Metals (mg/kg or ppm)					
Aluminum	NA	NA		23.9	
Antimony ■	"	"			
Arsenic ■	"	"		0.93 J	
Barium	"	"	0.28 J ^	0.58 ^	
Beryllium ■	"	"			
Cadmium ■	"	"			
Calcium	"	"	169 B	105 B	
Chromium ■	"	"		0.25 J	
Cobalt	"	"			
Copper ■	"	"		0.52 J	
Iron	"	"		39.7	
Lead ■	"	"		0.64 J	
Magnesium	"	"	166.0	34.4	
Manganese	"	"	0.20 B	0.8	
Mercury ■	"	"			
Nickel	"	"			
Potassium	"	"			
Selenium ■	"	"			
Silver ■	"	"			
Sodium	"	"	174.0		
Strontium	"	"	8.4 ^	NA	
Thallium	"	"			
Tin	"	"		NA	
Titanium	"	"		NA	
Vanadium	"	"		0.5	
Zinc ■	"	"		0.89 J	

Table 5-25
Summary of NAPL Analytical Results from Sites in the Study Area
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number	B8	MWF2	MW-100	MW-100	MW-100
Sample Type	NAPL	NAPL	NAPL	NAPL	NAPL
Site Name	Westwood	Westwood	Bike Path	Bike Path	Bike Path
Sample Date	05/20/92	05/20/92	10/29/20	11/05/20	01/14/21
Miscellaneous Compounds					
Viscosity (centipoise)	68.75	44.35	NA	NA	
Specific Gravity (g/mL)	NA	NA	1.0017	1.0275	
Density (g/cc)	1.031	1.054	NA	NA	

Notes:

■ = Environmental Protection Agency priority pollutant metal.
mg/kg = milligrams per kilogram or parts per million.
*** = LCS or LCSD is outside acceptance limits.**
B = Analyte detected in the associated blank, as well as in the sample (organics); value is greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics).
H = Sample was prepped or analyzed beyond the specified holding time.
J = Analyte is positively identified with concentration qualified as estimated value.
^ = Instrument related QC is outside acceptance limits.
NA = Not analyzed.
N/A = Not applicable.
PAH = Polycyclic aromatic hydrocarbon.
Blanks = compound not detected.
Samples from Westwood for density and viscosity analysis were collected on May 13, 1993.
Density and viscosity samples from Westwood were analyzed at 25°C.
An expanded version of this table was in the 31 Tonawanda Street Off-Site Remedial Investigation Report so it would have been checked.

Table 5-26
Summary of Sub-Slab Vapor Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Sample Type Sample Location Sample Date	NYSDOH ● Decision Matrix Action Level	SSV-01 Soil Vapor Sub-Slab 03/05/20	SSV-02 Soil Vapor Sub-Slab 03/05/20	SSV-03 Soil Vapor Sub-Slab 03/05/20	SSV-04 Soil Vapor Sub-Slab 03/05/20	SSV-05 Soil Vapor Sub-Slab 03/05/20	SSV-06 Soil Vapor Sub-Slab 03/05/20
Volatile Organic Compounds (ug/m3)							
1,1,1-Trichloroethane	1,000		1.3	0.65 J	25.0		15.0
1,1,2-Trichloroethane	NS			0.93			
1,1-Dichloroethane	NS				1.3		
1,2,4-Trimethylbenzene	600						
1,3,5-Trimethylbenzene	600						
2,2,4-trimethylpentane	600						
1,2-Dichloropropane	NS				7.2		
1,3-butadiene	NS				7.1		
1,4-Dioxane	NS						2.7
4-ethyltoluene	NS						
Acetone	NS	8.8	31.0	15.0	31.0	17.0	110.0
Benzene	600	0.80	5.8	1.8	2.6	26.0	2.1
Carbon disulfide	NS		2.1	1.3	0.3	1.7	17.0
Carbon tetrachloride	60		2.8				
Chloroethane	NS						
Chloroform	NS		0.63 J	8.0	3.7	14.0	0.93
Chloromethane	NS	0.87					0.62
cis-1,2-Dichloroethene	60			4.0	38.0		1.0
Cyclohexane	600	1.5	17.0	8.3	9.6		14.0
Ethyl acetate	NS		1.7		0.54		
Ethylbenzene	600						
Freon 11	NS	1.3	1.1	1.2	1.1	1.1	1.2
Freon 12	NS	2.6	2.6	2.5	2.4	2.3	2.5
Heptane	2,000	2.0	16.0	23.0	11.0	420.0	11.0
Hexane	2,000	2.5	19.0	41.0	12.0	720.0	13.0
Isopropyl alcohol	NS	5.1 JN	5.9 JN		2.6 JN		8.4 JN

Table 5-26
Summary of Sub-Slab Vapor Analytical Results from the BCP Remedial Investigation
NYSDEC Site Characterization
Fedders Auto Components Site, Site No. 915024
Buffalo, New York

Sample Number Sample Type Sample Location Sample Date	NYSDOH ● Decision Matrix Action Level	SSV-01 Soil Vapor Sub-Slab 03/05/20	SSV-02 Soil Vapor Sub-Slab 03/05/20	SSV-03 Soil Vapor Sub-Slab 03/05/20	SSV-04 Soil Vapor Sub-Slab 03/05/20	SSV-05 Soil Vapor Sub-Slab 03/05/20	SSV-06 Soil Vapor Sub-Slab 03/05/20
Volatile Organic Compounds (continued)							
m&p-Xylene	2,000		0.74 J	0.43 J	0.61 J	2.4	0.52 J
Methyl Ethyl Ketone	NS	0.65 J	2.7	2.4	3.0		6.0
Methylene chloride	1,000	0.90	4.7	3.2	2.8	3.5	4.6
Propylene	NS				6.7		
o-Xylene	600						
Styrene	NS						
Tetrachloroethylene	1,000				1.2	1.8	0.68 J
Toluene	3,000	1.4	7.5	2.9	4.9	18.0	3.4
trans-1,2-Dichloroethene	NS				4.1		0.9
Trichloroethene (TCE)	60	5.7	5.2	**7,400**	**4,700**	**19,000**	**93.0**
Vinyl chloride	60						

Notes:

● = Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, October 2006, with addenda through 2024. These action levels are the concentrations in sub-slab soil vapor samples that would automatically require mitigation (DOH Matrices) regardless of indoor air concentrations.

J = Analyte was positively identified at an estimated concentration.

JN = Non-routine analyte. Quantitation estimated.

NS = No standard or action level available.

Blanks = Contaminant analyzed for but not detected at or above the laboratory detection limit.

Yellow shaded values exceed the NYSDOH action levels as defined above.

Several compounds missing from the BE3 table were identified when checking the results against the lab report. None of these compounds had action levels so they were not added to my version of the table.

GMM checked this table against the lab reports on September 29, 2025.

GMM checked this table against the DUSRs on September 29, 2025.