



**Annual Site Management Report
August 2024
Korkay, Inc. (518014)
Broadalbin, New York**

Prepared for

New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233



Prepared by

EA Engineering and Geology, P.C. and Its Affiliate
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Syracuse, New York 13202

March 2025
Version: FINAL
EA Project No. 16025-34-00-CP

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A handwritten signature in black ink that reads "Adam Etringer".

March 20, 2025

Adam Etringer, Senior Project Manager
EA Science and Technology

Date

A handwritten signature in black ink that reads "Donald Conan".

March 20, 2025

Donald Conan, P.E., P.G., Project Engineer
EA Engineering and Geology, P.C.

Date

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TABLE OF CONTENTS

	<u>Page</u>
LIST OF TABLES	ii
LIST OF FIGURES	ii
LIST OF APPENDIXES.....	iii
LIST OF ACRONYMNS AND ABBREVIATIONS.....	iv
1. INTRODUCTION	1
1.1 OBJECTIVES	1
1.2 REPORT ORGANIZATION.....	2
2. MONITORING ACTIVITIES.....	3
2.1 GROUNDWATER GAUGING.....	3
2.2 GROUNDWATER SAMPLING.....	3
2.3 SURFACE WATER SAMPLING.....	4
2.4 SEDIMENT SAMPLING	4
2.5 ACCESS AGREEMENT.....	ERROR! BOOKMARK NOT DEFINED.
3. COMPOUND CONCENTRATION TRENDS	5
3.1 GROUNDWATER FLOW	5
3.2 GROUNDWATER COC CONCENTRATION TRENDS	5
3.2.1 GROUNDWATER VOC CONCENTRATION TRENDS	5
3.2.2 GROUNDWATER PFAS CONCENTRATION TRENDS	6
3.3 SURFACE WATER AND SEDIMENT CONTAMINANT OF CONCERN CONCENTRATION TRENDS	7
3.3.1 SURFACE WATER TRENDS.....	7
3.3.2 SEDIMENT TRENDS.....	7
4. CONCLUSIONS AND RECOMMENDATIONS	9
5. REFERENCES	10

LIST OF TABLES

Table 1.	Summary of Samples Collected (August 2024)
Table 2a.	Summary of Groundwater COC Concentrations and Exceedances (August 2024)
Table 2b.	Summary of Groundwater PFAS Concentrations and Exceedances (August 2024)
Table 3	Summary of Historical Groundwater Data at Korkay Inc.
Table 4.	Summary of Surface Water COC Concentrations (August 2024)
Table 5.	Summary of Sediment COC Concentrations (August 2024)

LIST OF FIGURES

Figure 1.	Site Map
Figure 2.	Site Layout
Figure 3.	Potentiometric Surface Contours (August 2024)
Figure 4.	Surface Water and Sediment Sample Locations
Figure 5.	Volatile Organic Compound Contaminants of Concern Analytical Results
Figure 6.	Semi-Volatile Organic Compound Contaminants of Concern Analytical Results
Figure 7.	Pesticide Contaminants of Concern Analytical Results
Figure 8.	Per- and Polyfluoroalkyl Substances Analytical Results
Figure 9.	Total VOC Isoconcentration
Figure 10.	PFOS Isoconcentration
Figure 11.	PFOA Isoconcentration

LIST OF APPENDIXES

Appendix A. Daily Field Reports

Appendix B. Field Forms

LIST OF ACRONYMS AND ABBREVIATIONS

µg/L	Microgram(s) per liter
AWQS	Ambient Water Quality Standard
CDM	Camp, Dresser, and McKee
COC	Contaminant of concern
DCE	Dichloroethene
EA	Engineering and Geology, P.C. and its affiliate EA Science and Technology
FS	Feasibility study
Korkay	Korkay, Inc.
ng/L	Nanogram(s) per liter
No.	Number
NYSDEC	New York State Department of Environmental Conservation
PCE	Tetrachloroethene
P.E.	Professional Engineer
PFAS	Per- and polyfluoroalkyl substances
PFOS	Perfluorooctane sulfonic acid
P.G.	Professional Engineer
pH	Presence of hydrogen
P,P'-DDT	P,P'-Dichlorodiphenyltrichloroethane
RI	Remedial investigation
ROD	Record of Decision
SIM	Select ion monitoring
SVOC	Semivolatile organic compound
TCA	Trichloroethane
TCE	Trichloroethene
TOC	Total organic compound
UST	Underground storage tank
VOC	Volatile organic compound

1. INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering and Geology, P.C. and its affiliate EA Science and Technology (EA) to perform site management activities at the Korkay, Inc. (NYSDEC Site No. 518014), which includes evaluation and performance of long-term monitoring of groundwater, surface water, and sediment. The area is in a suburban area of Fulton County in Broadalbin, New York (**Figure 1**).

Korkay, Inc. (Korkay) was a supplier of detergents, solvents, and degreasers to the automotive industry from 1969 to 1980. Korkay purchased bulk quantities of chemicals that were stored on-site for repackaging and/or blending into commercial products including automobile wax, and hand cleaners. In addition to the commercial products being produced, Korkay also operated as a drum reclamation facility. Drums were accepted containing a variety and quantity of chemicals that remains undetermined. The drums were emptied of any remaining chemicals, washed, rinsed and relined. This process was conducted without appropriate containment of the chemicals, and chemical laden rinsate being discharged through the facilities septic system or directly to the ground surface. The NYSDEC and the New York State Department of Health inspected the site in 1979 and documented the occurrence of these activities. In 1980, Korkay installed a 4,000 gallon aboveground storage tank to appropriately contain the residual chemicals and rinsate generated from drum reclamation. Reports and Site documentation indicate that the drums contained acetone, isopropyl alcohol, degreasers, and perfumes as well as other chemicals. Additionally, three underground storage tanks (USTs) were used for storage of fuel oil and chemicals. The approximate locations of the USTs are shown in a figure taken from the 1994 Remedial Investigation (RI) Report (Camp, Dresser, and McKee [CDM] 1994).

The NYSDEC conducted a site inspection in 1992 at which time numerous drums of hazardous waste were found and secured for removal. Between 1993 and 1995, CDM conducted a RI and feasibility study (FS) of the site. The first phase of the RI, conducted from September 1993 until April 1994, included the collection of surface and subsurface soil samples and the installation and sampling of monitoring wells. The second phase of the RI, conducted between October 1994 and May 1995, included the collection of additional soil samples to delineate vertical extent of contamination and background levels and the collection of a second round of groundwater samples. Data from the RI were presented in a Final Phase I RI Report (CDM 1994) and Final Phase II RI Report (CDM 1995a). Evaluations of remedial alternatives were presented in a Final FS (Detailed Analysis) Report (CDM 1995b). Following submission of the FS, a Record of Decision (ROD) was issued by the NYSDEC in March 1996.

1.1 OBJECTIVES

EA completed field activities at the Korkay site that included the collection of aqueous and soil media via groundwater, surface and sediment samples to continue monitoring volatile organic compound (VOCs), semi-volatile organic compounds (SVOCs), pesticides, per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane following remedial action. This study will assist with the evaluation of site contamination following remedial activities on-site. This report will summarize sampling activities and results concerning the 2024 annual sampling event.

1.2 REPORT ORGANIZATION

Monitoring activities are discussed in Section 2, VOC, SVOCs, pesticides, PFAS, and 1,4-dioxane concentration trends are discussed in Section 3, and conclusions and recommendations are discussed in Section 4.

The following are provided as appendixes:

- Appendix A— Daily Field Reports
- Appendix B— Field Forms
-

2. MONITORING ACTIVITIES

Site activities for the annual sampling event included the gauging and sampling of groundwater monitoring wells and collecting surface water and sediment samples. A summary of samples collected during the fourth quarter is provided in **Table 1**. Site activities occurred on 07 and 08 August 2024. Daily field reports are included in **Appendix A**.

2.1 GROUNDWATER GAUGING

Groundwater levels were recorded on 8 August 2024, after groundwater sampling due to PFAS, to determine groundwater flow patterns in the overburden and bedrock. Depth to groundwater was measured from 20 wells (**Figure 2**) by measuring from the top of the inner polyvinyl chloride casing using a water-level indicator. Groundwater depths and total depths are provided in monitoring well gauging logs provided in **Appendix B** and groundwater contours for bedrock and overburden monitoring wells are detailed on **Figure 3**.

2.2 GROUNDWATER SAMPLING

A total of 20 of 20 groundwater samples were collected, with one matrix spike/matrix spike duplicate, one field duplicate, one equipment blank, one field blank, and one trip blank. Samples are summarized in **Table 1**. Wells were purged using a peristaltic pump and a bladder pump, with a flow rate of approximately 0.20–0.50 liters per minute until the water quality parameters stabilized at which time groundwater samples were collected for analysis of VOCs, PFAS, and 1,4-dioxane.

Water quality parameters including temperature, potential hydrogen (pH), oxidation-reduction potential, conductivity, dissolved oxygen, and turbidity were monitored during purging using a Horiba U-52 water quality monitoring system with flow-through cell. Field parameters were considered stable when the following conditions were met for three consecutive readings:

- pH readings within ± 0.1 pH units
- Oxidation-reduction potential within ± 10 millivolts
- Dissolved oxygen within ± 10 percent or less than 0.5 milligrams per liter
- Specific conductance within ± 3 percent
- Turbidity measurements within ± 10 percent or less than 5 nephelometric turbidity units

Dedicated high-density polyethylene tubing was used at each monitoring well location. Non-dedicated sampling equipment (i.e., bladder pump and water-level indicator) were decontaminated with Alconox detergent and deionized water between well locations to prevent cross-contamination.

The depth to water was measured after purging using a water-level indicator due to PFAS. Water quality parameters, calibration forms, field notes, and groundwater sampling purge forms are provided in **Appendix B**.

Groundwater samples were collected using clean nitrile gloves and placed in laboratory supplied bottle ware containing appropriate preservatives. Samples were placed on ice in sample coolers immediately after collection to ensure proper preservation. Pertinent sample information was recorded on the associated chain-of-custody, and samples were shipped off-site under secure chain-of-custody protocol. Groundwater samples were shipped to SGS, for laboratory analysis of VOCs via Method 8260D, SVOCs via method 8270C, organochlorine pesticides via Method 8081A, PFAS via Method 1633, 1,4-dioxane via Method 8270 select ion monitoring (SIM) and total organic compound (TOC) via Lloyd Kahn method.

2.3 SURFACE WATER SAMPLING

Surface water samples were collected from three locations from the Kenneyetto Creek, and analyzed for VOCs via Method 8260C, SVOCs via Method 8270D, organochlorine pesticides via method 8081A, PFAS via Method 1633, and 1,4-dioxane via Method 8270 SIM (**Figure 4**).

2.4 SEDIMENT SAMPLING

Sediment samples were collected from three locations from the Kenneyetto Creek, and analyzed for VOCs via Method 8260C, SVOCs via Method 8270D, organochlorine pesticides via Method 8081A, PFAS via method 1633, 1,4-dioxane via method 8270 SIM and TOC via Lloyd Kahn method (**Figure 4**).

3. COMPOUND CONCENTRATION TRENDS

Contaminants of concern (COCs) in aqueous and gaseous media for the site are VOCs, SVOCs and pesticides. Concentrations of the COCs for the site will serve as a metric to evaluate rebound following system shut-off. In general, VOC concentrations for the August 2024 sampling event are comparable to previous sampling events from 2007–2019. Sampling did not take place between 2019 – 2022.

3.1 GROUNDWATER FLOW

Water-level measurements were collected after the wells were sampled to limit the potential of cross contamination of PFAS. The depth-to-water measurements were converted to water table elevations. The groundwater table elevation data is provided in **Table 1** and on **Figure 3**.

3.2 GROUNDWATER COC CONCENTRATION TRENDS

The following subsections describe the concentration trends observed at the site for VOCs, SVOCs, pesticides, and PFAS compounds.

3.2.1 GROUNDWATER VOC CONCENTRATION TRENDS

EA compared groundwater VOC analytical results to the NYSDEC Ambient Water Quality Standards (AWQS) of 5 micrograms per liter ($\mu\text{g/L}$) for tetrachloroethene (PCE), trichloroethene (TCE), 1,2-dichloroethene (DCE), ethylbenzene, toluene, and xylene. Ethylbenzene, toluene, xylene and 1,2-DCE exceeded the NYSDEC AWQS of 5 $\mu\text{g/L}$.

The maximum concentrations for each analyte were detected at the following wells:

- PCE: K-2 with a concentration of 6.6 $\mu\text{g/L}$
- TCE: VEW-1 with a concentration of 1.4 $\mu\text{g/L}$
- 1,2-DCE: ASW Duplicate with a concentration of 18.5 $\mu\text{g/L}$
- Ethylbenzene: ASW Duplicate with a concentration of 96.8 $\mu\text{g/L}$
- Toluene: ASW Duplicate with a concentration of 5.5 $\mu\text{g/L}$
- Xylene: ASW Duplicate with a concentration of 718 $\mu\text{g/L}$

COC concentrations from the 2024 sampling event are summarized in **Table 2a** and presented in **Figures 5 through 7**. Historical data is presented in **Table 3**. Laboratory reports are available upon request.

When comparing COC concentrations from previous sampling events conducted by EA and AECOM concentrations are comparable.

3.2.2 GROUNDWATER SVOC CONCENTRATION TRENDS

EA compared groundwater SVOC analytical results to the NYSDEC Ambient Water Quality Standards (AWQS). Naphthalene exceeded the NYSDEC AWQS of 10 $\mu\text{g/L}$ and in only one well,

ASW, at the estimated concentration of 61 µg/L. Bis(2-Ethylhexyl) Phthalate exceeded the NYSDEC AWQS of 5 µg/L in MW-15S (1,060 µg/L) and MW-15D (28.3 µg/L). These results are anomalous to historical observations at these wells. EA collected an additional sample from MW-15S on 2 January 2025 and from MW-15D on 30 January 2025. No SVOCs were detected in either of the wells upon resampling. The January 2025 results are presented with the historical data in **Table 3**.

8 of the 68 SVOCs analytes were detected in one or more wells. SVOC detections are summarized in **Table 2a**. Laboratory reports are available upon request.

3.2.3 GROUNDWATER PESTICIDE CONCENTRATION TRENDS

EA compared the pesticide analytical results in groundwater to the NYSDEC Ambient Water Quality Standards (AWQS). The following analytes exceeded the AWQS:

- Dieldrin (AWQS is 0.004 µg/L)
 - K-2 (0.12 µg/L)
 - K-3 (0.01 µg/L)
 - MW-17 (0.01 µg/L)
- Heptachlor epoxide (AWQS is 0.03 µg/L)
 - K-2 (0.07 µg/L)
 - MW-15S (0.1 µg/L)
 - MW-17 (0.07 µg/L)
 - MW-22 (0.29 µg/L)
- Heptachlor (AWQS is 0.04 µg/L)
 - MW-22 (0.06 µg/L)

Ten other pesticides, aldrin, alpha endosulfan, beta BHC, beta endosulfan, cis-chlordane, Delta BHC, gamma BHC, P,P'-DDE, P,P'-DDT, and trans-chlordane were detected but below NYSDEC AWQS. Pesticide detections are summarized in **Table 2a**. Laboratory reports are available upon request.

3.2.4 GROUNDWATER PFAS CONCENTRATION TRENDS

The PFAS sample results are summarized in **Table 2b** and **Figures 6, 8 and 9**. One or more PFAS compounds were detected in 20 out of 20 wells. 14 of the 20 wells had perfluorooctanoic acid (PFOA) and/or perfluorooctane sulfonic acid (PFOS) concentrations exceeding the NYSDEC AWQS PFAS Guidance Values of 2.7 nanograms per liter (ng/L) for PFOS and 6.7 ng/L for PFOA.

Maximum concentrations for PFOS and PFOA were detected at the corresponding wells:

- PFOS: VEW-3 with a concentration of 2870 ng/L
- PFOA: VEW-3 with a concentration of 190 ng/L

Of the remaining 38 PFAS compounds analyzed, 18 compounds were detected in one or more wells.

Overall, the PFAS concentrations have remained consistent with the previous sampling events beside PFOA and PFOS concentrations at VEW-2. PFOS was detected at 830 ng/L and PFOA was detected at 40 ng/L. During the 2019 sampling event, VEW-2 had PFOS detections of 2,100 ng/L and PFOA of an estimated 71 ng/L. During the 2023 sampling event, VEW-2 has PFOS detections at 0.95 ng/L and PFOA detections at 3 ng/L (EA 2024).

Table 2a summarizes the 1,4-dioxane sample results. 1,4-dioxane was not detected in any of the 20 wells sampled during the August 2024 sampling event. Overall, 1,4-dioxane concentrations have remained consistent with previous sampling events.

3.3 SURFACE WATER AND SEDIMENT CONTAMINANT OF CONCERN CONCENTRATION TRENDS

Trends in surface water and sediment concentrations are discussed in the following subsections. Surface water data is presented in **Tables 4**. Sediment data is presented in **Table 5**.

3.3.1 SURFACE WATER TRENDS

There were no detections of VOCs, SVOCs and pesticides in the August 2024 sampling event for the three surface water samples collected.

PFOS and PFOA were detected below the NYSDEC AWQS PFAS Guidance Values of 2.7 ng/L for PFOS and 6.7 ng/L for PFOA in each of the surface water samples. PFOS and PFOA detections were equal to or below 2.0 ng/L found in **Table 4**.

3.3.2 SEDIMENT TRENDS

Acetone, bromomethane, carbon disulfide, and methyl acetate were the only VOCs detected in any of the sediment samples. Acetone was detected in two parent samples, SD-02 and SD-3 and the duplicate for SD-02 at the concentrations of 0.0664 milligrams per kilogram (mg/kg), 0.0975 mg/kg, and 0.0505 mg/kg, respectively. Acetone is a common laboratory contaminant. Bromomethane was detected in SD-03 at an estimated concentration of 0.0016 mg/kg. Carbon disulfide was detected in the duplicate of SD-02 at an estimated concentration of 0.0016 mg/kg. Methyl acetate was detected in SD-03 at a concentration of 0.0811 mg/kg.

13 out of 69 SVOC analytes were detected below the in one or more well during the August 2024 sampling event and their concentrations can be found in **Table 5**.

PFOS was only detected in the parent sample SD-02 and the field duplicate of SD-02 at a concentration of 0.52 µg/kg and an estimated 0.21 µg/kg. PFOA was not detected in any of the sediment samples. No other PFAS analytes were detected, and their concentrations can be found in **Table 5**.

P,P'-DDE and P,P'-DDT were the only two pesticide analytes detected in SD-01 and SD-03. P,P'-DDE was detected at an estimated 0.00017 mg/kg in both SD-01 and SD-03. P,P'-DDT was detected at an estimated 0.00012 mg/kg in SD-01 and an estimated 0.00029 mg/kg in SD-03.

1,4-dioxane was not detected in any of the sediment samples.

4. CONCLUSIONS AND RECOMMENDATIONS

The results from the August 2024 sampling event indicate groundwater COC concentrations onsite remain comparable to previously observed groundwater concentrations. Additionally, offsite surface water and sediment samples indicate no COC exceedances. The concentrations in the former source area in the southwest quadrant of the site remain relatively static and above NYSDEC AWQS. PFOA and/or PFOS were detected above the NYSDEC AWQS PFAS Guidance Values. EA will continue to monitor groundwater, surface water, and sediment every five quarters.

5. REFERENCES

AECOM. 2019. *Groundwater Monitoring Report 5-Quarter Sampling Event, May, 2019*. October

EA Engineering, Science, and Technology, Inc., PBC (EA). 2024. *Annual Site Management Report, May 2023*. August

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Tables

Table 1. Summary of Samples Collected (August 2023)

Monitoring Well	Top of Casing Elevation	Total Well Depth (ft bgs)	Depth to water (ft bgs)	Groundwater Elevation (ft amsl)
MW-8S	816.04	10.59	5.48	810.56
MW-8D (obstructed)	816.02	55.20	26.87	789.15
MW-15S	816.02	9.90	4.25	811.77
MW-15D	816.13	40.04	24.96	791.17
MW-16D (formerly Flushmount)	817.08	54.80	28.16	788.92
K-2	816.98	14.23	5.19	811.79
K-3	817.23	10.54	5.71	811.52
ASW	817.44	11.67	5.91	811.53
VEW-1	816.99	8.14	6.25	810.74
VEW-2	816.99	8.56	5.63	811.36
VEW-3	817.74	8.48	6.15	811.59
VEW-4	817.49	8.25	6.15	811.34
MW-17	816.23	14.44	4.02	812.21
MW-18	817.15	14.48	4.96	812.19
MW-19	809.28	9.75	4.80	804.48
MW-20	813.82	13.17	4.12	809.70
MW-21	816.19	11.18	4.76	811.43
MW-22	815.82	9.25	3.69	812.13
MW-23	817.21	14.29	6.16	811.05
MW-24	817.48	11.22	6.09	811.39

Notes:

ft bgs = foot (feet) below ground surface

ft amsl = foot (feet) above mean sea level

MW-15S	MW-16D	MW-17	MW-18	MW-19	
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Table 2a. Summary of Groundwater COC Concentrations and Exceedances (August 2024)																								
Location ID			ASW	ASW	K-2	K-3	MW-15D	MW-15S	MW-16D	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-8D	MW-8S	VEW-1	VEW-2	VEW-3	VEW-4	
Sample Name			518014-ASW	518014-FD-01	518014-K-2	518014-K-3	518014-MW-15D	518014-MW-15S	518014-MW-16D	518014-MW-17	518014-MW-18	518014-MW-19	518014-MW-20	518014-MW-21	518014-MW-22	518014-MW-23	518014-MW-24	518014-MW-8D	518014-MW-8S	518014-VEW-1	518014-VEW-2	518014-VEW-3	518014-VEW-4	
Parent Sample ID			518014-ASW																					
Sample Date			8/8/2024	8/8/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/8/2024	8/8/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024	
Analyte	NYSDEC AWQS ¹	Unit																						
Acetophenone	NSL	µg/L	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.57 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.57 U	< 0.52 U	32.5	
Anthracene	50	µg/L	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.62 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.62 U	< 0.56 U	< 0.62 U	
Atrazine	7.5	µg/L	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.8 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.8 U	< 0.72 U	< 0.8 U	
Benzaldehyde	ND	µg/L	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.48 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.48 U	< 0.44 U	< 0.48 U	
Benzo(A)Anthracene	0.002	µg/L	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.57 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.57 U	< 0.51 U	< 0.57 U	
Benzo(A)Pyrene	ND	µg/L	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.7 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.7 U	< 0.63 U	< 0.7 U	
Benzo(B)Fluoranthene	0.002	µg/L	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.63 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.63 U	< 0.57 U	< 0.63 U	
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.71 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.71 U	< 0.64 U	< 0.71 U	
Benzo(K)Fluoranthene	0.002	µg/L	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.53 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.53 U	< 0.48 U	< 0.53 U	
Benzyl Butyl Phthalate	50	µg/L	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.96 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.86 U	< 0.96 U	< 0.86 U	< 0.96 U	
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 0.59 U	0.73 J	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.65 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.65 U	< 0.59 U	< 0.65 U	
Bis(2-Chloroethoxy) Methane	5	µg/L	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.51 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.51 U	< 0.46 U	< 0.51 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.48 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.48 U	< 0.43 U	< 0.48 U	
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.55 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.55 U	< 0.5 U	< 0.55 U	
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	1.3 J	28.3	1060	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.5 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.5 U	< 1.3 U	< 1.5 U	
Caprolactam	NSL	µg/L	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.39 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.39 U	< 0.35 U	< 0.39 U	
Carbazole	NSL	µg/L	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.64 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.64 U	< 0.58 U	< 0.64 U	
Chrysene	0.002	µg/L	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.58 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.58 U	< 0.52 U	< 0.58 U	
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.56 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.56 U	< 0.5 U	< 0.56 U	
Dibenzofuran	NSL	µg/L	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.81 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.81 U	< 0.73 U	< 0.81 U	
Diethyl Phthalate	50	µg/L	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.64 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.64 U	< 0.58 U	< 0.64 U	
Dimethyl Phthalate	50	µg/L	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.61 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.61 U	< 0.55 U	< 0.61 U	
Di-N-Butyl Phthalate	50	µg/L	0.98 J	1 J	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U	< 0.59 U	< 0.53 U	< 0.53 U	< 0.53 U	0.73 J	< 0.53 U	< 0.53 U	1.5 J	< 0.59 U	< 0.53 U	0.6 J	
Di-N-Octylphthalate	50	µg/L	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.8 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.8 U	< 1.6 U	< 1.8 U	
Fluoranthene	50	µg/L	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.64 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U	< 0.64 U	< 0.58 U	< 0.64 U	
Fluorene	50	µg/L	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.66 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.66 U	< 0.59 U	< 0.66 U	
Hexachlorobenzene	0.04	µg/L	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.6 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.6 U	< 0.54 U	< 0.6 U	
Hexachlorobutadiene	0.5	µg/L	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.39 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.39 U	< 0.35 U	< 0.39 U	
Hexachlorocyclopentadiene	5	µg/L	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.1 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.1 U	< 0.98 U	< 1.1 U	
Hexachloroethane	5	µg/L	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.61 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.61 U	< 0.55 U	< 0.61 U	
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.71 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.71 U	< 0.64 U	< 0.71 U	
Isophorone	NSL	µg/L	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.44 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.44 U	< 0.39 U	< 0.44 U	
Naphthalene	10	µg/L	19.7	24.3	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	0.97 J	< 0.44 U	< 0.44 U	< 0.49 U	< 0.44 U	< 0.44 U	< 0.44 U	15.5	< 0.44 U	< 0.44 U	< 0.44 U	< 0.49 U	< 0.44 U	7.3	
Nitrobenzene	0.4	µg/L	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.47 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.47			

Table 2b. Summary of Groundwater PFAS Concentrations and Exceedances (August 2024)

Location ID			ASW	ASW	K-2	K-3	MW-15D	MW-15S	MW-16D	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-8D	MW-8S	VEW-1	VEW-2	VEW-3	VEW-4		
Sample Name			518014-ASW	518014-FD-01	518014-K-2	518014-K-3	518014-MW-15D	518014-MW-15S	518014-MW-16D	518014-MW-17	518014-MW-18	518014-MW-19	518014-MW-20	518014-MW-21	518014-MW-22	518014-MW-23	518014-MW-24	518014-MW-8D	518014-MW-8S	518014-VEW-1	518014-VEW-2	518014-VEW-3	518014-VEW-4		
Parent Sample ID			518014-ASW	518014-ASW	518014-K-2	518014-K-3	518014-MW-15D	518014-MW-15S	518014-MW-16D	518014-MW-17	518014-MW-18	518014-MW-19	518014-MW-20	518014-MW-21	518014-MW-22	518014-MW-23	518014-MW-24	518014-MW-8D	518014-MW-8S	518014-VEW-1	518014-VEW-2	518014-VEW-3	518014-VEW-4		
Sample Date			8/8/2024	8/8/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/8/2024	8/8/2024	8/8/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024		
Analyte	NYSDE C																								
	AWQS ¹	Unit																							
PFAS (EPA 1633)																									
11-Chloroicosaufluoro-3-Oxaundecane-1-Sulfonic Acid	NSL	ng/L	< 1.9 U	< 2.0 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.6 U	< 1.7 U	< 1.9 U	< 2.0 U	< 1.9 U	< 1.7 U	< 1.8 U	< 1.6 U	< 13 U	< 1.7 U	< 2.0 U	< 1.7 U	< 2.0 U	< 2.0 U		
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	< 1.6 U	< 1.6 U	< 1.3 U	< 1.3 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.3 U	< 1.4 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.4 U	< 1.4 U	< 1.3 U	< 10 U	< 1.3 U	< 1.6 U	< 1.4 U	< 1.6 U	< 1.6 U		
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	< 2.4 U	< 2.5 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.2 U	< 2.0 U	< 2.2 U	< 2.4 U	< 2.5 U	< 2.4 U	< 2.2 U	< 2.2 U	< 1.4 U	< 16 U	< 2.1 U	< 2.5 U	< 2.1 U	< 2.5 U	< 2.6 U		
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	< 0.98 U	< 0.99 U	< 0.85 U	< 0.83 U	< 0.85 U	< 0.85 U	< 0.87 U	< 0.82 U	< 0.87 U	< 0.98 U	< 1.0 U	< 0.98 U	< 0.87 U	< 0.89 U	< 0.83 U	< 6.5 U	< 0.83 U	< 1.0 U	< 0.85 U	< 1.0 U	< 1.0 U		
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NSL	ng/L	< 7.6 U	< 7.8 U	< 6.6 U	< 6.5 U	< 6.6 U	< 6.6 U	< 6.8 U	< 6.4 U	< 6.8 U	< 7.7 U	< 7.8 U	< 7.7 U	< 6.8 U	< 7.0 U	< 6.5 U	< 51 U	< 6.5 U	< 7.9 U	< 6.6 U	< 7.8 U	< 8.1 U		
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NSL	ng/L	< 6.6 U	< 6.7 U	< 5.7 U	< 5.7 U	< 5.8 U	< 5.8 U	< 5.9 U	< 5.6 U	< 5.9 U	< 6.6 U	< 6.8 U	< 6.7 U	< 5.9 U	< 6.0 U	< 5.6 U	< 44 U	< 5.7 U	< 6.9 U	< 5.8 U	< 6.8 U	< 7.0 U		
2H,2H,3H,3H-Perfluorooctanoic acid	NSL	ng/L	< 2.6 U	< 2.6 U	< 2.2 U	< 2.2 U	< 2.3 U	< 2.3 U	< 2.3 U	< 2.2 U	< 2.3 U	< 2.6 U	< 2.7 U	< 2.6 U	< 2.3 U	< 2.4 U	< 2.2 U	< 17 U	< 2.2 U	< 2.7 U	< 2.3 U	< 2.6 U	< 2.7 U		
3-Perfluoroheptyl propanoic acid	NSL	ng/L	< 1.3 U	< 1.3 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.1 U	< 1.2 U	< 1.3 U	< 1.4 U	< 1.3 U	< 1.2 U	< 1.2 U	< 1.1 U	< 8.8 U	< 1.1 U	< 1.4 U	< 1.1 U	< 1.3 U	< 1.4 U		
3-Perfluoropropyl propanoic acid	NSL	ng/L	< 2.6 U	< 2.7 U	< 2.3 U	< 2.2 U	< 2.3 U	< 2.3 U	< 2.3 U	< 2.2 U	< 2.3 U	< 2.6 U	< 2.7 U	< 2.6 U	< 2.3 U	< 2.4 U	< 2.2 U	< 17 U	< 2.2 U	< 2.7 U	< 2.3 U	< 2.7 U	< 2.8 U		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	< 1.9 U	< 2.0 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.6 U	< 1.7 U	< 1.9 U	< 2.0 U	< 1.9 U	< 1.7 U	< 1.8 U	< 1.6 U	< 13 U	< 1.7 U	< 2.0 U	< 1.7 U	< 2.0 U	< 2.0 U		
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NSL	ng/L	< 0.57 U	< 0.58 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.51 U	< 0.48 U	< 0.51 U	< 0.57 U	< 0.58 U	< 0.57 U	< 0.51 U	< 0.52 U	< 0.48 U	< 3.8 U	< 0.49 U	< 0.59 U	< 0.49 U	< 0.58 U	< 0.60 U		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	< 0.98 U	60	9	< 0.83 U	< 0.85 U	3.2	< 0.87 U	10	< 0.87 U	< 0.98 U	< 1.0 U	10	< 0.87 U	60	< 0.83 U	< 6.5 U	< 0.83 U	40	< 0.85 U	20	40		
N-ethyl perfluoro-1-octanesulfonamide	NSL	ng/L	< 4.0 U	< 4.1 U	< 3.5 U	< 3.4 U	< 3.5 U	< 3.5 U	< 3.6 U	< 3.4 U	< 3.6 U	< 4.0 U	< 4.1 U	< 4.0 U	< 3.6 U	< 3.7 U	< 3.4 U	< 27 U	< 3.4 U	< 4.2 U	< 3.5 U	< 4.1 U	< 4.3 U		
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	< 0.69 U	< 0.70 U	< 0.59 U	< 0.59 U	< 0.60 U	< 0.60 U	< 0.61 U	< 0.58 U	< 0.61 U	< 0.69 U	< 0.70 U	< 0.69 U	< 0.61 U	< 0.63 U	< 0.58 U	< 4.6 U	< 0.59 U	< 0.71 U	< 0.60 U	< 0.70 U	< 0.73 U		
N-methyl perfluoro-1-octanesulfonamide	NSL	ng/L	< 0.55 U	< 0.56 U	< 0.47 U	< 0.47 U	< 0.48 U	< 0.48 U	< 0.49 U	0.54 J	< 0.49 U	< 0.55 U	< 0.56 U	< 0.55 U	< 0.49 U	< 0.50 U	< 0.46 U	< 3.6 U	< 0.47 U	< 0.57 U	< 0.47 U	< 0.56 U	< 0.58 U		
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 3.0 U	< 3.0 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.7 U	< 2.5 U	< 2.7 U	< 3.0 U	< 3.1 U	< 3.0 U	< 2.7 U	< 2.7 U	< 2.5 U	< 20 U	< 2.6 U	< 3.1 U	< 2.6 U	< 3.0 U	< 3.2 U		
Nonafluoro-3,6-dioxaeptanoic acid	NSL	ng/L	3.1 J	< 1.4 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.2 U	< 1.3 U	< 1.2 U	< 9.1 U	< 1.2 U	< 1.4 U	< 1.2 U	< 1.4 U	< 1.5 U		
Perfluoro(2-ethoxyethane)sulfonic acid	NSL	ng/L	< 0.29 U	< 0.29 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.26 U	< 0.24 U	< 0.26 U	< 0.29 U	< 0.30 U	< 0.29 U	< 0.26 U	< 0.26 U	< 0.25 U	< 1.9 U	< 0.25 U	< 0.30 U	< 0.25 U	< 0.30 U	< 0.31 U		
Perfluoro-3-methoxypropanoic acid	NSL	ng/L	< 0.32 U	< 0.33 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.29 U	< 0.27 U	< 0.29 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.29 U	< 0.29 U	< 0.27 U	< 2.1 U	< 0.28 U	< 0.33 U	< 0.28 U	< 0.33 U	< 0.34 U		
Perfluoro-4-methoxybutanoic acid	NSL	ng/L	< 0.60 U	< 0.61 U	< 0.52 U	< 0.51 U	< 0.52 U	< 0.52 U	< 0.54 U	< 0.51 U	< 0.54 U	< 0.60 U	< 0.62 U	< 0.60 U	< 0.54 U	< 0.55 U	< 0.51 U	< 4.0 U	< 0.51 U	< 0.62 U	< 0.52 U	< 0.61 U	< 0.64 U		
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	2.6	3.5	2.2	1.1 J	< 0.62 U	1.4 J	1.3 J	2.6	0.82 J	1.5 J	2.5	1.6 J	1.4 J	< 0.65 U	1.5 J	< 4.7 U	2	1.8 J	1.4 J	2.1 J	< 0.75 U		
Perfluorobutanoic Acid	NSL	ng/L	< 1.0 U	< 1.0 U	20	< 0.85 U	< 0.87 U	3.2 J	< 0.89 U	10	< 0.89 U	4.4 J	3.3 J	< 1.0 U	20	40	1.5 J	< 6.6 U	< 0.85 U	40	< 0.87 U	< 1.0 U	130		
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 1.2 U	< 1.2 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	5.6	< 1.0 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.0 U	< 1.1 U	< 0.99 U	< 7.8 U	< 1.0 U	< 1.2 U	< 1.0 U	< 1.2 U	< 1.2 U		
Perfluorodecanoic acid (PFDA)	NSL	ng/L	< 0.67 U	< 0.68 U	< 0.58 U	< 0.57 U	< 0.58 U	0.61 J	< 0.59 U	0.56 J	< 0.60 U	< 0.67 U	< 0.68 U	< 0.67 U	8.1	< 0.61 U	< 0.56 U	< 4.4 U	< 0.57 U	< 0.69 U	< 0.58 U	< 0.68 U	< 0.70 U		
Perfluorododecanesulfonic acid (PFDOS)	NSL	ng/L	< 0.43 U	< 0.44 U	< 0.37 U	< 0.37 U	< 0.37 U	< 0.37 U	< 0.38 U	< 0.36 U	< 0.38 U	< 0.43 U	< 0.44 U	< 0.43 U	< 0.38 U	< 0.39 U	< 0.36 U	< 2.9 U	< 0.37 U	< 0.45 U	< 0.37 U	< 0.44 U	< 0.45 U		
Perfluorododecanoic acid (PFDaA)	NSL	ng/L	< 0.83 U	< 0.84 U	< 0.72 U	< 0.71 U	< 0.72 U	< 0.72 U	< 0.74 U	< 0.69 U	< 0.74 U	< 0.83 U	< 0.85 U	< 0.83 U	< 0.74 U	< 0.75 U	< 0.70 U	< 5.5 U	< 0.71 U	< 0.86 U	< 0.72 U	< 0.84 U	< 0.87 U		
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	3	2.4	4.3	1.3 J	< 0.91 U	< 0.91 U	< 0.94 U	1.7 J	2	< 1.1 U	< 1.1 U	4.3	4.9	2.6	< 0.89 U	< 7.0 U	< 0.90 U	4.5	10	40	8.7		
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	1.6 J	1.8 J	10	0.53 J	< 0.47 U	0.97 J	1.3 J	< 0.45 U	1.5 J	3.7	0.90 J	3	1.2 J	1.8 J	1.6 J	< 3.6 U	< 0.46 U	1.5 J	2.6	9.5	3.1		
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	4.7	4.2	10	1.2 J	< 1.0 U	1.1 J	< 1.1 U	1.4 J	2.8	< 1.2 U	1.2 J	6.2	10	4.7	1.6 J	< 7.9 U	< 1.0 U	3.2	8.8	50	10		
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	1.3 J	1.5 J	7.1	0.68 J	< 0.27 U	1.1 J	< 0.28 U	2.5	0.83 J	3.7	1.4 J	2.1 J	1.4 J	2	1.8	< 2.1 U	< 0.27 U	< 0.32 U	1.2 J	5.5	< 0.33 U		
Perfluoronon																									

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			ASW 1/10/2012 ASW	ASW 10/13/2015 ASW-20151013	ASW 12/8/2015 ASW 120815-20151208	ASW 3/8/2016 ASW 030816-20160308	ASW 5/31/2016 ASW 053116	ASW 9/14/2016 ASW 091416	ASW 12/6/2016 ASW 12016	ASW 3/16/2017 ASW 031617	ASW 6/14/2017 ASW 061417	ASW 5/14/2019 ASW 051419-20190514	ASW 5/23/2023 518014-ASW	ASW 8/8/2024 518014-ASW	ASW 8/8/2024 518014-FD-01 518014-ASW	GW-1 7/7/2014 GW-11-20140707
Analyte	NYSDEC AWQS ¹	Unit														
PFAS (E537/E1633)																
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF30UDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.5 U	< 1.9 U	< 2.0 U	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 330 U	< 3.5 U	< 1.6 U	< 1.6 U	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.5 U	< 2.4 U	< 2.5 U	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 81 U	< 3.5 U	< 0.98 U	< 0.99 U	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 43 U	< 7.6 U	< 7.8 U	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 43 U	< 6.6 U	< 6.7 U	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.7 U	< 2.6 U	< 2.6 U	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.5 U	< 1.3 U	< 1.3 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.5 U	< 2.6 U	< 2.7 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.5 U	< 1.9 U	< 2.0 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.87 U	< 0.57 U	< 0.58 U	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	170 J	2.6	< 0.98 U	60	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.7 U	< 4.0 U	< 4.1 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.87 U	< 0.69 U	< 0.70 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 330 UJ	< 0.87 U	< 0.55 U	< 0.56 U	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.7 U	< 3.0 U	< 3.0 U	NA
Nonafluoro-3,6-dioxahепtanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	3.1 J	< 1.4 U	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 0.29 U	< 0.29 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 0.32 U	< 0.33 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 0.60 U	< 0.61 U	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 0.92 U	< 2.0 U	22 J	1.7	2.6	3.5	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.1 UJ	4.7	< 1.0 U	< 1.0 U	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.1 U	< 0.87 U	< 1.2 U	< 1.2 U	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 33 UJ	0.20 J	< 0.67 U	< 0.68 U	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.87 U	< 0.43 U	< 0.44 U	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 33 U	< 0.87 U	< 0.83 U	< 0.84 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.5 J	0.31 J	3	2.4	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	11	7.5	8.1 J	2.2	1.6 J	1.8 J	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	5.4	5.9	12 J	1.1	4.7	4.2	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.2 J	4.5	1.3 J	1.5 J	NA
Perfluoronanesulfonic acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.87 U	< 1.5 U	< 1.6 U	NA
Perfluoronanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	5	3.6	6.5 J	1	2.4	1.6 J	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.1 UJ	0.46 J	< 0.74 U	0.78 J	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	310	290	240 J	19	530	520	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	21	21	24 J	5.9	10	10	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.87 U	1.9 J	1.5 J	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.1 U	1.9	< 0.78 U	20	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.1 U	< 0.87 U	< 0.82 U	< 0.83 U	NA
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 33 U	< 0.87 U	< 0.85 U	< 0.86 U	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 33 UJ	< 0.87 U	< 0.59 U	< 0.60 U	NA
VOCs (SW8260)																
1,1,1,2-Tetrachloroethane	5	µg/L	NA	< 5.0 U	< 20 U	< 7.0 U	< 7.0 U	< 7.0 U	< 7.0 U	< 7.0 U	< 8.0 U	NA	NA	NA	NA	< 1.0 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 8.0 U	< 2.0 U	< 10 U	< 1.3 U	< 0.54 U	< 1.0 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U	< 8.0 U	< 2.0 U	< 5 U	< 1.6 U	< 0.65 U	< 1.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 8.0 U	< 2.0 U	< 10 U	< 1.5 U	< 0.58 U	< 1.0 U
1,1,2-Trichloroethane	1	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 4.6 U	< 4.6 U	< 4.6 U	< 4.6 U	< 4.6 U	< 8.0 U	< 2.0 U	< 10 U	< 1.3 U	< 0.53 U	< 1.0 U
1,1-Dichloroethane	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 7.6 U	< 7.6 U	< 7.6 U	< 7.6 U	< 7.6 U	< 8.0 U	< 2.0 U	< 10 U	< 1.4 U	< 0.57 U	< 1.0 U
1,1-Dichloroethene	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 5.8 U	< 5.8 U	< 5.8 U	< 5.8 U	< 5.8 U	< 8.0 U	< 2.0 U	< 10 U	< 1.5 U	< 0.59 U	< 1.0 U
1,1-Dichloropropene	5	µg/L	NA	< 5.0 U	< 20 U	< 14 U	< 14 U	< 14 U	< 14 U	< 14 U	< 8.0 U	NA	NA	NA	NA	< 1.0 U
1,2,3-Trichlorobenzene	5	µg/L	NA	< 5.0 U	< 20 U	< 8.2 U	< 8.2 U	< 8.2 U	< 8.2 U	< 8.2 U	< 8.0 U	NA	< 50 U	< 1.3 U	< 0.5 U	< 1.0 U
1,2,3-Trichloropropane	0.04	µg/L	NA	< 5.0 U	< 20 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U	< 8.0 U	NA	NA	NA	NA	< 1.0 U
1,2,4-Trichlorobenzene	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 8.2 U	< 8.2 U	< 8.2 U	< 8.2 U	< 8.2 U	< 8.0 U	< 2.0 U	< 10 U	< 1.3 U	0.77 J	< 1.0 U
1,2,4-Trimethylbenzene	NSL	µg/L	NA	420	950	880	970	840	940	1100	1000	810	NA	NA	NA	< 1.0 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 7.8 U	< 7.8 U	< 7.8 U	< 7.8 U	< 7.8 U	< 8.0 U	< 2.0 U	< 50 U	< 1.3 U	< 0.53 U	< 1.0 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 8.0 U	< 2.0 U	< 5 U	< 1.2 U	< 0.48 U	< 1.0 U
1,2-Dichlorobenzene	3	µg/L	35	24	31	28	35	27	32	34	31	29	26	23.7	30.6	< 1.0 U
1,2-Dichloroethane	0.6	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U	< 8.0 U	< 2.0 U	< 10 U	< 1.5 U	< 0.6 U	< 1.0 U
1,2-Dichloropropane	1	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 14 U	< 14 U	< 14 U	< 14 U	< 14 U	< 8.0 U	< 2.0 U	< 10 U	< 1.3 U	< 0.51 U	< 1.0 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	NA	260	310	340	380	320	330	380	320	280	NA	NA	NA	< 1.0 U
1,3-Dichlorobenzene	3	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 8.0 U	0.69 J	< 10 U	< 1.4 U	0.65 J	< 1.0 U
1,3-Dichloropropane	5	µg/L	NA	< 5.0 U	< 20 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 8.0 U	NA	NA	NA	NA	< 1.0 U
1,4-Dichlorobenzene	3	µg/L	5.1	< 5.0 U	< 20 U	< 17 U	< 17 U	< 17 U	< 17 U	< 17 U	< 8.0 U	4.5	3.7 J	3.7	4.5	< 1.0 U

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			ASW 1/10/2012 ASW	ASW 10/13/2015 ASW-20151013	ASW 12/8/2015 ASW 120815-20151208	ASW 3/8/2016 ASW 030816-20160308	ASW 5/31/2016 ASW 053116	ASW 9/14/2016 ASW 091416	ASW 12/6/2016 ASW 12016	ASW 3/16/2017 ASW 031617	ASW 6/14/2017 ASW 061417	ASW 5/14/2019 ASW 051419-20190514	ASW 5/23/2023 518014-ASW	ASW 8/8/2024 518014-ASW	ASW 8/8/2024 518014-FD-01 518014-ASW	GW-1 7/7/2014 GW-11-20140707
Analyte	NYSDEC AWQS ¹	Unit														
Bromomethane	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 14 U	< 14 U	< 14 U	< 14 U	< 14 U	< 8.0 U	< 2.0 U	< 20 U	< 4.1 U	< 1.6 U	< 1.0 U
Carbon Disulfide	60	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 3.8 U	< 3.8 U	4.8 J	4.5 J	11 J	8.4	< 2.0 U	< 50 U	< 4.5 U	< 1.8 U	0.44 J
Carbon Tetrachloride	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 8.0 U	< 20 U	< 50 U	< 1.4 U	< 0.55 U	< 1.0 U
Chlorobenzene	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 8.0 U	< 20 U	< 10 U	< 1.4 U	< 0.56 U	< 1.0 U
Chloroethane	5	µg/L	0.42 J	< 5.0 U	< 20 U	< 6.4 U	14 J	< 6.4 U	8.0 J	< 6.4 U	< 8.0 U	< 2.0 U	< 20 U	< 1.8 U	< 0.73 U	< 1.0 U
Chloroform	7	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 6.8 U	< 6.8 U	< 6.8 U	< 6.8 U	< 6.8 U	< 8.0 U	< 2.0 U	< 20 U	< 1.3 U	< 0.5 U	< 1.0 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 1.0 U	< 5.0 U	< 20 U	50	70	< 7.0 U	< 7.0 U	< 7.0 U	< 8.0 U	< 2.0 U	< 20 U	< 1.9 U	< 0.76 U	< 1.0 U
Cis-1,2-Dichloroethylene	5	µg/L	26	24	< 20 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 8.0 U	5.9	9.0 J	16.4	18.5	< 1.0 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 7.2 U	< 7.2 U	< 7.2 U	< 7.2 U	< 7.2 U	< 8.0 U	< 2.0 U	< 5 U	< 1.2 U	< 0.47 U	< 1.0 U
Cyclohexane	NSL	µg/L	4.6	< 5.0 U	< 20 U	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U	4.1 J	2.3	< 50 U	< 2 U	1.6 J	< 1.0 U	< 1.0 U
Cymene	NSL	µg/L	NA	37	39	47	58	41	43	54	46	44	NA	NA	NA	< 1.0 U
Dibromochloromethane	50	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 6.4 U	< 6.4 U	< 6.4 U	< 6.4 U	< 6.4 U	< 8.0 U	< 2.0 U	< 5 U	< 1.4 U	< 0.56 U	< 1.0 U
Dibromomethane	5	µg/L	NA	< 5.0 U	< 20 U	< 8.2 U	< 8.2 U	< 8.2 U	< 8.2 U	< 8.2 U	< 8.0 U	NA	NA	NA	NA	< 1.0 U
Dichlorodifluoromethane	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 14 U	< 14 U	< 14 U	< 14 U	< 14 U	< 8.0 U	< 2.0 U	< 20 U	< 1.4 U	< 0.56 U	< 1.0 U
Ethylbenzene	5	µg/L	160	110	120	130	140	94	140	160	150	110	80	78.4	96.8	< 1.0 U
Hexachlorobutadiene	0.5	µg/L	NA	< 5.0 U	< 20 U	< 5.6 U	< 5.6 U	< 5.6 U	< 5.6 U	< 5.6 U	< 8.0 U	NA	NA	NA	NA	< 1.0 U
Iodomethane (Methyl Iodide)	NSL	µg/L	NA	< 5.0 U	< 20 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 8.0 U	NA	NA	NA	NA	< 1.0 U
Isopropylbenzene (Cumene)	5	µg/L	56	34	43	43	56	37	42	57	44	49	35	38.7	48.1	< 1.0 U
Methyl Acetate	NSL	µg/L	< 1.0 U	< 13 U	< 50 U	< 26 U	< 26 U	< 26 U	< 26 U	< 26 U	< 20 U	< 10 U	< 10 U	< 2 U	< 0.8 U	< 2.5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	8.9 J	12 J	< 200 U	< 26 U	< 26 U	< 26 U	< 26 U	< 26 U	< 80 U	14	< 200 U	7.6 J	10	< 10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5.0 U	< 25 U	< 100 U	< 42 U	< 42 U	< 42 U	< 42 U	< 42 U	< 40 U	< 10 U	< 100 U	< 12 U	< 4.9 U	< 5.0 U
Methylcyclohexane	NSL	µg/L	36	16	6.1 J	29	34	21	21	33	28	17	13	10.8 J	10.2	< 1.0 U
Methylene Chloride	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 8.8 U	< 8.8 U	21	< 8.8 U	< 8.8 U	< 8.0 U	< 2.0 U	< 50 U	< 2.5 U	< 1 U	< 1.0 U
M-P-Xylene	NSL	µg/L	730	340	580	710	730	610	750	860	800	490	NA	362	408	< 2.0 U
Naphthalene	10	µg/L	NA	84	120	86	110	91	110	120	90	110	NA	NA	NA	< 1.0 U
N-Butylbenzene	5	µg/L	NA	68	73	47	97	58	62	95	75	46	NA	NA	NA	< 1.0 U
N-Propylbenzene	NSL	µg/L	NA	60	78	80	110	69	81	100	81	74	NA	NA	NA	< 1.0 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	450	390	370	410	420	330	460	530	510	370	NA	275	310	< 1.0 U
Sec-Butylbenzene	5	µg/L	NA	30	30	< 15 U	47	36	34	46	35	34	NA	NA	NA	< 1.0 U
Styrene	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 15 U	< 15 U	< 15 U	< 15 U	16 J	< 8.0 U	< 2.0 U	< 10 U	< 1.2 U	< 0.49 U	< 1.0 U
T-Butylbenzene	5	µg/L	NA	< 5.0 U	< 20 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 8.0 U	4.6	NA	NA	NA	< 1.0 U
Tert-Butyl Methyl Ether	10	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 3.2 U	< 3.2 U	< 3.2 U	< 3.2 U	< 3.2 U	< 8.0 U	< 2.0 U	< 10 U	< 1.3 U	< 0.51 U	< 1.0 U
Tetrachloroethylene (PCE)	5	µg/L	0.65 J	< 5.0 U	< 20 U	15 J	34	25	26	37	37	17	2.0 J	< 1.4 U	1.6	< 1.0 U
Toluene	5	µg/L	21	10	< 20 U	< 10 U	10 J	< 10 U	< 10 U	< 10 U	6.8 J	7	7.6 J	4.5	5.5	< 1.0 U
Trans-1,2-Dichloroethene	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U	< 8.0 U	< 2.0 U	< 10 U	< 1.3 U	< 0.54 U	< 1.0 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 7.4 U	< 7.4 U	< 7.4 U	< 7.4 U	< 7.4 U	< 8.0 U	< 2.0 U	< 5 U	< 1.1 U	< 0.43 U	< 1.0 U
Trichloroethylene (TCE)	5	µg/L	0.51 J	< 5.0 U	< 20 U	< 9.2 U	< 9.2 U	< 9.2 U	< 9.2 U	< 9.2 U	< 8.0 U	4.7	< 10 U	< 1.3 U	< 0.53 U	< 1.0 U
Trichlorofluoromethane	5	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U	< 8.0 U	< 2.0 U	< 20 U	< 1 U	< 0.4 U	< 1.0 U
Vinyl Acetate	NSL	µg/L	NA	< 25 U	< 100 U	< 17 U	< 17 U	< 17 U	< 17 U	< 17 U	< 40 U	NA	NA	NA	NA	< 5.0 U
Vinyl Chloride	2	µg/L	< 1.0 U	< 5.0 U	< 20 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U	< 8.0 U	< 2.0 U	< 20 U	< 1.3 U	< 0.52 U	< 1.0 U
Xylenes	5	µg/L	1200	550	950	1100	1200	940	1200	1400	1300	860	600	637	718	< 2.0 U
Pesticides (SW8081)																
Alachlor	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18 U	NA	NA	NA
Aldrin	NSL	µg/L	< 2.4 U	< 0.50 U	0.051 J	< 0.079 U	< 0.0077 U	< 0.080 U	< 0.079 U	< 0.081 U	< 0.50 U	< 0.020 U	< 0.045 U	0.04	0.03	< 0.27 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	< 2.4 U	0.12 J	< 0.23 U	0.093 J	< 0.0073 U	0.086 J	0.17 J	0.14 J	< 0.50 U	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.0042 U	< 0.27 U
Alpha Endosulfan	NSL	µg/L	< 2.4 U	< 0.50 U	< 0.23 U	< 0.11 U	< 0.010 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.50 U	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.0042 U	< 0.27 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 2.4 U	< 0.50 U	< 0.23 U	< 0.24 U	< 0.024 U	< 0.25 U	< 0.24 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.045 U	0.09	< 0.0064 U	< 0.27 U
Beta Endosulfan	NSL	µg/L	< 2.4 U	< 0.50 U	< 0.23 U	< 0.12 U	< 0.011 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.50 U	< 0.020 U	< 0.073 U	< 0.0039 U	< 0.0039 U	< 0.27 U
Chlordane	0.05	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18 U	NA	NA	NA
Chlordane (Technical)	NSL	µg/L	< 2.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	< 2.4 U	< 0.50 U	< 0.23 U	< 0.14 U	< 0.014 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.50 U	< 0.020 U	NA	0.02	0.01	0.20 J
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	< 2.4 U	0.14 J	0.12 J	0.14 J	0.019 J	< 0.099 U	< 0.098 U	< 0.10 U	< 0.50 U	< 0.020 U	< 0.045 U	0.02	< 0.0053 U	< 0.27 U
Dieldrin	0.004	µg/L	< 2.4 U	< 0.50 U	< 0.23 U	< 0.095 U	< 0.0093 U	< 0.097 U	< 0.096 U	< 0.098 U	< 0.50 U	< 0.020 U	< 0.0018 U	< 0.0061 U	0.0087	< 0.27 U
Endosulfan Sulfate	NSL	µg/L	< 2.4 U	< 0.50 U	< 0.23 U	< 0.15 U	< 0.015 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.50 U	< 0.020 U	< 0.073 U	< 0.0044 U	< 0.0044 U	< 0.27 U
Endrin	NSL	µg/L	< 2.4 U	< 0.50 U	< 0.23 U	< 0.13 U	< 0.013 U	< 0.14 U	< 0.13 U	< 0.14 U	< 0.50 U	< 0.020 U	< 0.073 U	< 0.0048 U	< 0.0048 U	< 0.27 U
Endrin Aldehyde	5	µg/L	< 2.4 U	< 0.50 U	< 0.23 U	< 0.16 U	< 0.016 U	< 0.16 U	< 0.16 U	< 0.16						

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Analyte	Location ID Sample Date Sample Name Parent Sample ID		ASW 1/10/2012 ASW	ASW 3/8/2015 ASW-20151013	ASW 12/8/2015 ASW 120815-20151208	ASW 3/8/2016 ASW 030816-20160308	ASW 5/31/2016 ASW 053116	ASW 9/14/2016 ASW 091416	ASW 12/6/2016 ASW 12016	ASW 3/16/2017 ASW 031617	ASW 6/14/2017 ASW 061417	ASW 5/14/2019 ASW 051419-20190514	ASW 5/23/2023 518014-ASW	ASW 8/8/2024 518014-ASW	ASW 8/8/2024 518014-FD-01 518014-ASW	GW-1 7/7/2014 GW-11-20140707
	NYSDEC AWQS ¹	Unit														
SVOCs (SW8270)																
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.2 U	< 0.48 U	< 0.48 U	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	< 0.20 U	NA	NA	0.46	< 0.2 U	< 0.2 U	NA
2,4,5-Trichlorophenol	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.50 U	< 4.6 U	< 2.3 U	< 24 U	< 2.4 U	< 25 U	< 10 U	< 9.2 U	< 0.64 U	< 0.64 U	< 18 U
2,4,6-Trichlorophenol	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.63 U	< 5.8 U	< 2.9 U	< 31 U	< 3.1 U	< 25 U	< 10 U	< 9.2 U	< 0.49 U	< 0.49 U	< 18 U
2,4-Dichlorophenol	5	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.53 U	< 4.9 U	< 2.4 U	< 26 U	< 2.6 U	< 25 U	< 10 U	< 9.2 U	< 0.59 U	< 0.59 U	< 7.1 U
2,4-Dimethylphenol	50	µg/L	1.5 J	2.7 J	8.6	10	8.9 J	< 2.4 U	< 25 U	5.6 J	4.7 J	1.8 J	1.4 J	< 0.52 U	< 0.52 U	< 7.1 U
2,4-Dinitrophenol	10	µg/L	< 9.4 U	< 9.7 U	< 9.2 U	< 2.3 U	< 21 U	< 11 U	< 110 U	< 11 U	< 50 U	< 20 U	< 18 UJ	1.3 J	< 0.67 U	< 140 U
2,4-Dinitrotoluene	5	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.46 U	< 4.3 U	< 2.1 U	< 23 U	< 2.2 U	< 25 U	< 2.0 U	< 9.2 U	< 1.9 U	< 1.9 U	< 18 U
2,6-Dinitrotoluene	5	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.41 U	< 3.8 U	< 1.9 U	< 20 U	< 2.0 U	< 25 U	< 2.0 U	< 9.2 U	< 0.55 U	< 0.55 U	< 18 U
2-Chloronaphthalene	10	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.47 U	< 4.4 U	< 2.2 U	< 23 U	< 2.3 U	< 25 U	< 10 U	< 9.2 U	< 0.56 U	< 0.56 U	< 3.6 U
2-Chlorophenol	1	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.55 U	< 5.1 U	< 2.5 U	< 27 U	< 2.7 U	< 25 U	< 10 U	< 9.2 U	< 0.43 U	< 0.43 U	< 3.6 U
2-Methylnaphthalene	NSL	µg/L	57	23	30	36	28 J	42	< 30 U	36	39	23	24	< 0.37 U	< 0.37 U	< 0.71 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.41 U	< 3.8 U	< 1.9 U	< 20 U	< 2.0 U	< 25 U	< 10 U	< 9.2 U	4.4	8.3	< 3.6 U
2-Nitroaniline	5	µg/L	< 9.4 U	< 9.7 U	< 9.2 U	< 0.43 U	< 4.0 U	< 2.0 U	< 21 U	< 2.1 U	< 50 U	< 10 U	< 9.2 U	< 0.47 U	< 0.47 U	< 7.1 U
2-Nitrophenol	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.50 U	< 4.6 U	< 2.3 U	< 24 U	< 2.4 U	< 25 U	< 10 U	< 9.2 U	< 0.62 U	< 0.62 U	< 7.1 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.2 U	< 0.4 U	< 0.4 U	NA
3,3'-Dichlorobenzidine	5	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.41 U	< 3.8 U	< 1.9 U	< 20 U	< 2.0 U	< 25 U	< 10 U	< 9.2 U	< 1.1 U	< 1.1 U	< 18 U
3-Nitroaniline	5	µg/L	< 9.4 U	< 9.7 U	< 9.2 U	< 0.50 U	< 4.6 U	< 2.3 U	< 24 U	< 2.4 U	< 50 U	< 10 U	< 9.2 UJ	< 0.64 U	< 0.64 U	< 7.1 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 9.4 U	< 9.7 U	< 9.2 U	< 2.3 U	< 21 U	< 10 U	< 110 U	< 11 U	< 50 U	< 20 U	< 18 UJ	< 1.5 U	< 1.5 U	< 18 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.46 U	< 4.3 U	< 2.1 U	< 23 U	< 2.3 U	< 25 U	< 10 U	< 9.2 U	< 0.55 U	< 0.55 U	< 7.1 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.46 U	< 4.3 U	< 2.1 U	< 23 U	< 2.3 U	< 25 U	< 10 U	< 9.2 U	< 0.53 U	< 0.53 U	< 7.1 U
4-Chloroaniline	5	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.61 U	< 5.6 U	< 2.8 U	< 30 U	< 3.0 U	< 25 U	< 10 U	< 9.2 U	< 0.53 U	< 0.53 U	< 7.1 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.36 U	< 3.3 U	< 1.7 U	< 18 U	< 1.8 U	< 25 U	< 10 U	< 9.2 U	< 0.6 U	< 0.6 U	< 7.1 U
4-Methylphenol (P-Cresol)	NSL	µg/L	7.6 J	61	59	12	< 3.4 U	21 J	< 18 U	18 J	31 J	10	NA	< 1.5 U	< 1.5 U	NA
4-Nitroaniline	5	µg/L	< 9.4 U	< 9.7 U	< 9.2 U	< 0.26 U	< 2.4 U	< 1.2 U	< 13 U	< 1.3 U	< 50 U	< 10 U	< 9.2 UJ	< 0.75 U	< 0.75 U	< 7.1 U
4-Nitrophenol	NSL	µg/L	< 9.4 U	< 9.7 U	< 9.2 U	< 1.6 U	< 15 U	< 7.2 U	< 77 U	< 7.6 U	< 50 U	< 20 U	< 18 U	< 0.45 U	< 0.45 U	< 18 U
Acenaphthene	20	µg/L	0.44 J	< 4.8 U	< 4.6 U	< 0.42 U	< 3.9 U	< 1.9 U	< 21 U	< 2.1 U	< 25 U	< 10 U	< 4.6 U	< 0.61 U	< 0.61 U	< 0.71 U
Acenaphthylene	NSL	µg/L	0.76 J	< 4.8 U	< 4.6 U	< 0.39 U	< 3.6 U	< 1.8 U	< 19 U	< 1.9 U	< 25 U	< 10 U	< 4.6 U	< 0.42 U	< 0.42 U	< 0.71 U
Acetophenone	NSL	µg/L	130	< 4.8 U	98	170	< 5.2 U	< 2.6 U	< 27 U	< 2.7 U	130	< 10 U	< 9.2 U	< 0.52 U	< 0.52 U	2.6 J
Anthracene	50	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.29 U	< 2.7 U	< 1.3 U	< 14 U	< 1.4 U	< 25 U	< 10 U	< 4.6 U	< 0.56 U	< 0.56 U	< 0.71 U
Atrazine	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.47 U	< 4.4 U	< 2.2 U	< 23 U	< 2.3 U	< 25 U	< 2.0 U	< 18 U	< 0.72 U	< 0.72 U	< 3.6 U
Benzaldehyde	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.28 U	< 2.5 U	< 1.3 U	< 13 U	< 1.3 U	< 25 U	< 10 U	< 9.2 UJ	< 0.44 U	< 0.44 U	< 3.6 U
Benzo(A)Anthracene	0.002	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.37 U	< 3.4 U	< 1.7 U	< 18 U	< 1.8 U	< 25 U	< 1.0 U	< 4.6 U	< 0.51 U	< 0.51 U	< 0.71 U
Benzo(A)Pyrene	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.49 U	< 4.5 U	< 2.2 U	< 24 U	< 2.4 U	< 25 U	< 1.0 U	< 4.6 U	< 0.63 U	< 0.63 U	< 0.71 U
Benzo(B)Fluoranthene	0.002	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.35 U	< 3.2 U	< 1.6 U	< 17 U	< 1.7 U	< 25 U	< 2.0 U	< 4.6 U	< 0.57 U	< 0.57 U	< 0.71 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.36 U	< 3.3 U	< 1.7 U	< 18 U	< 1.8 U	< 25 U	< 10 U	< 4.6 U	< 0.64 U	< 0.64 U	< 0.71 U
Benzo(K)Fluoranthene	0.002	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.75 U	< 7.0 U	< 3.5 U	< 37 U	< 3.7 U	< 25 U	< 1.0 U	< 4.6 U	< 0.48 U	< 0.48 U	< 0.71 U
Benzyl Butyl Phthalate	50	µg/L	< 4.7 U	0.53 J	< 4.6 U	< 0.43 U	< 9.5 U	< 4.7 U	< 50 U	< 5.0 U	< 25 U	< 10 U	< 9.2 UJ	< 0.86 U	< 0.86 U	< 3.6 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	3.9 J	1.7 J	2.2 J	2.5 J	< 6.2 U	< 3.1 U	< 33 U	< 3.3 U	< 25 U	< 10 U	1.6 J	< 0.59 U	0.73 J	< 3.6 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.36 U	< 3.3 U	< 1.7 U	< 18 U	< 1.8 U	< 25 U	< 10 U	< 9.2 U	< 0.46 U	< 0.46 U	< 3.6 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.41 U	< 3.8 U	< 1.9 U	< 20 U	< 2.0 U	< 25 U	< 1.0 U	< 9.2 U	< 0.43 U	< 0.43 U	< 3.6 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.54 U	< 5.0 U	< 2.5 U	< 26 U	< 2.6 U	< 25 U	< 10 U	< 9.2 U	< 0.5 U	< 0.5 U	< 3.6 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 1.9 U	< 21 U	< 10 U	< 110 U	< 11 U	< 25 U	< 2.0 U	< 9.2 UJ	< 1.3 U	< 1.3 U	100
Caprolactam	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 2.3 U	< 21 U	< 10 U	< 110 U	< 11 U	< 25 U	< 10 U	< 9.2 UJ	< 0.35 U	< 0.35 U	2.3 J
Carbazole	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.31 U	< 2.9 U	< 1.4 U	< 15 U	< 1.5 U	< 25 U	< 10 U	< 9.2 U	< 0.58 U	< 0.58 U	< 3.6 U
Chrysene	0.002	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.34 U	< 3.1 U	< 1.6 U	< 17 U	< 1.7 U	< 25 U	< 2.0 U	< 4.6 U	< 0.52 U	< 0.52 U	< 0.71 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.43 U	< 4.0 U	< 2.0 U	< 21 U	< 2.1 U	< 25 U	< 1.0 U	< 4.6 U	< 0.5 U	< 0.5 U	< 0.71 U
Dibenzofuran	NSL	µg/L	0.64 J	< 9.7 U	< 9.2 U	< 0.53 U	< 4.9 U	< 2.4 U	< 26 U	< 2.6 U	< 50 U	< 10 U	< 4.6 U	< 0.73 U	< 0.73 U	< 3.6 U
Diethyl Phthalate	50	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.23 U	< 2.1 U	< 1.0 U	< 11 U	< 1.1 U	< 25 U	< 10 U	< 9.2 U	< 0.58 U	< 0.58 U	0.64 J
Dimethyl Phthalate	50	µg/L	< 4.7 U	< 4.8 U	< 4.6 U	< 0.37 U	< 3.4 U	< 1.7 U	< 18 U	< 1.8 U	< 25 U	< 10 U				

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			GW-10 7/8/2014 GW-110-20140708	GW-11 7/8/2014 GW-111-20140708	GW-12 7/8/2014 GW-112-20140708	GW-13 7/8/2014 GW-113-20140708	GW-14 7/8/2014 GW-114-20140708	GW-15 7/8/2014 GW-115-20140708	GW-16 7/9/2014 GW-116-20140709	GW-17 7/9/2014 GW-117-20140709	GW-18 7/9/2014 GW-118-20140709	GW-19 7/9/2014 GW-119-20140709	GW-2 7/7/2014 GW-12-20140707	GW-20 7/9/2014 GW-120-20140709
Analyte	NYSDEC AWQS ¹	Unit												
PFAS (E537/E1633)														
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (SW8260)														
1,1,1,2-Tetrachloroethane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 10 U	< 2.0 U	4.7 J	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,1,2-Trichloroethane	1	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,1-Dichloroethane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	0.96 J	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,1-Dichloroethene	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,1-Dichloropropene	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,2,3-Trichlorobenzene	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,2,3-Trichloropropane	0.04	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	11	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,2,4-Trichlorobenzene	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,2,4-Trimethylbenzene	NSL	µg/L	670	180	180	220	70	230	1.1	< 1.0 U	< 1.0 U	360	35	200
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,2-Dichlorobenzene	3	µg/L	< 10 U	< 2.0 U	5.3	< 4.0 U	< 2.0 U	12	< 1.0 U	< 1.0 U	< 1.0 U	16	2.2	9.1
1,2-Dichloroethane	0.6	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,2-Dichloropropane	1	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	290	53	110	54	35	73	< 1.0 U	< 1.0 U	< 1.0 U	110	16	35
1,3-Dichlorobenzene	3	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,3-Dichloropropane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,4-Dichlorobenzene	3	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NSL	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
2-Chlorotoluene	NSL	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
2-Hexanone	50	µg/L	< 50 U	< 10 U	< 25 U	< 20 U	< 10 U	< 20 U	< 5.0 U	< 5.0 U	< 5.0 U	< 40 U	< 5.0 U	< 25 U
4-Chlorotoluene	NSL	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Acetone	50	µg/L	< 100 U	9.1 J	16 J	21 J	52	12 J	16	11	4.9 J	< 80 U	27	20 J
Benzene	1	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Bromobenzene	NSL	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Bromochloromethane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Bromodichloromethane	50	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Bromoform	50	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U

Notes:
(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated, biased high
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			GW-10 7/8/2014 GW-110-20140708	GW-11 7/8/2014 GW-111-20140708	GW-12 7/8/2014 GW-112-20140708	GW-13 7/8/2014 GW-113-20140708	GW-14 7/8/2014 GW-114-20140708	GW-15 7/8/2014 GW-115-20140708	GW-16 7/9/2014 GW-116-20140709	GW-17 7/9/2014 GW-117-20140709	GW-18 7/9/2014 GW-118-20140709	GW-19 7/9/2014 GW-119-20140709	GW-2 7/7/2014 GW-12-20140707	GW-20 7/9/2014 GW-120-20140709
Analyte	NYSDEC AWQS ¹	Unit												
Bromomethane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Carbon Disulfide	60	µg/L	< 10 U	< 2.0 U	1.5 J	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	1.6	< 8.0 U	1.1	< 5.0 U
Carbon Tetrachloride	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Chlorobenzene	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Chloroethane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Chloroform	7	µg/L	< 10 U	0.69 J	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Cis-1,2-Dichloroethylene	5	µg/L	< 10 U	< 2.0 U	8.2	< 4.0 U	39	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	17
Cis-1,3-Dichloropropene	0.4	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Cyclohexane	NSL	µg/L	< 10 U	2.4	< 5.0 U	3.6 J	< 2.0 U	3.2 J	< 1.0 U	< 1.0 U	< 1.0 U	7.0 J	< 1.0 U	4.3 J
Cymene	NSL	µg/L	50	16	35	21	15	24	0.31 J	< 1.0 U	< 1.0 U	32	14	8.2
Dibromochloromethane	50	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Dibromomethane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Dichlorodifluoromethane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	0.79 J	< 8.0 U	< 1.0 U	< 5.0 U
Ethylbenzene	5	µg/L	63	17	8.2	82	22	33	< 1.0 U	< 1.0 U	< 1.0 U	53	0.87 J	63
Hexachlorobutadiene	0.5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Iodomethane (Methyl Iodide)	NSL	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Isopropylbenzene (Cumene)	5	µg/L	35	11	6.8	13	3.8	14	< 1.0 U	< 1.0 U	< 1.0 U	24	1.8	17
Methyl Acetate	NSL	µg/L	< 25 U	< 5.0 U	< 13 U	< 10 U	< 5.0 U	< 10 U	< 2.5 U	< 2.5 U	< 2.5 U	< 20 U	< 2.5 U	< 13 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 100 U	2.8 J	< 50 U	10 J	20	5.5 J	1.4 J	< 10 U	< 80 U	5.2 J	< 50 U	< 50 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 50 U	< 10 U	< 25 U	< 20 U	< 10 U	< 20 U	< 5.0 U	< 5.0 U	< 5.0 U	< 40 U	< 5.0 U	< 25 U
Methylcyclohexane	NSL	µg/L	13	5.8	5	10	3.1	6.1	0.78 J	< 1.0 U	< 1.0 U	15	2.8	7.7
Methylene Chloride	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
M-P-Xylene	NSL	µg/L	180	58	24	260	85	92	0.86 J	1.0 J	< 2.0 U	170	4.1	110
Naphthalene	10	µg/L	190	160	22	67	22	42	0.56 J	0.43 J	< 1.0 U	44	4.3	22
N-Butylbenzene	5	µg/L	110	25	59	27	23	30	< 1.0 U	< 1.0 U	< 1.0 U	62	22	27
N-Propylbenzene	NSL	µg/L	92	23	20	20	7.2	25	< 1.0 U	< 1.0 U	< 1.0 U	46	3.8	30
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	150	34	35	180	95	55	0.76 J	1	< 1.0 U	100	3.7	120
Sec-Butylbenzene	5	µg/L	36	12	25	15	7.6	18	< 1.0 U	< 1.0 U	< 1.0 U	31	< 1.0 U	18
Styrene	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
T-Butylbenzene	5	µg/L	< 10 U	1.6 J	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Tert-Butyl Methyl Ether	10	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Tetrachloroethylene (PCE)	5	µg/L	7.6 J	1.8 J	< 5.0 U	8.5	< 2.0 U	3.6 J	0.69 J	0.85 J	0.61 J	< 8.0 U	1.2	< 5.0 U
Toluene	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	2.8 J	11	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	4.2 J
Trans-1,2-Dichloroethene	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Trichloroethylene (TCE)	5	µg/L	< 10 U	5.7	< 5.0 U	8.3	2.3	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Trichlorofluoromethane	5	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Vinyl Acetate	NSL	µg/L	< 50 U	< 10 U	< 25 U	< 20 U	< 10 U	< 20 U	< 5.0 U	< 5.0 U	< 5.0 U	< 40 U	< 5.0 U	< 25 U
Vinyl Chloride	2	µg/L	< 10 U	< 2.0 U	< 5.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8.0 U	< 1.0 U	< 5.0 U
Xylenes	5	µg/L	330	92	59	440	180	150	1.6 J	2	< 2.0 U	270	7.8	230
Pesticides (SW8081)														
Alachlor	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NSL	µg/L	< 0.94 U	0.10 J	0.043 J	0.036 J	0.18 J	< 0.24 U	< 0.047 U	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	0.23 J	0.096 J	< 0.049 U	< 0.048 U	< 0.23 U	< 0.24 U	0.011 J	0.0089 J	0.0080 J	< 0.047 U	< 0.54 U	< 0.46 U
Alpha Endosulfan	NSL	µg/L	< 0.94 U	< 0.24 U	< 0.049 U	< 0.048 U	< 0.23 U	< 0.24 U	0.032 J	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.94 U	< 0.24 U	< 0.049 U	0.066	0.13 J	< 0.24 U	< 0.047 U	< 0.047 U	< 0.046 U	0.041 J	< 0.54 U	< 0.46 U
Beta Endosulfan	NSL	µg/L	< 0.94 U	0.095 J	< 0.049 U	< 0.048 U	< 0.23 U	< 0.24 U	< 0.047 U	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
Chlordane	0.05	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	6.2	1.7	0.016 J	0.12	< 0.23 U	< 0.24 U	0.018 J	< 0.047 U	< 0.046 U	0.014 J	1.6	< 0.46 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	< 0.94 U	< 0.24 U	< 0.049 U	0.13	0.060 J	< 0.24 U	< 0.047 U	< 0.047 U	< 0.046 U	0.011 J	< 0.54 U	< 0.46 U
Dieldrin	0.004	µg/L	< 0.94 U	0.18 J	< 0.049 U	0.026 J	0.059 J	< 0.24 U	0.027 J	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
Endosulfan Sulfate	NSL	µg/L	< 0.94 U	0.14 J	< 0.049 U	< 0.048 U	< 0.23 U	< 0.24 U	0.072	< 0.047 U	< 0.046 U	0.028 J	< 0.54 U	< 0.46 U
Endrin	NSL	µg/L	< 0.94 U	< 0.24 U	< 0.049 U	< 0.048 U	< 0.23 U	< 0.24 U	0.023 J	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
Endrin Aldehyde	5	µg/L	< 0.94 U	< 0.24 U	< 0.049 U	< 0.048 U	0.083 J	< 0.24 U	0.058	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
Endrin Ketone	5	µg/L	< 0.94 U	< 0.24 U	< 0.049 U	0.025 J	< 0.23 U	< 0.24 U	< 0.047 U	< 0.047 U	< 0.046 U	0.027 J	< 0.54 U	< 0.46 U
Gamma Bhc (Lindane)	NSL	µg/L	< 0.94 U	< 0.24 U	< 0.049 U	0.015 J	0.072 J	< 0.24 U	< 0.047 U	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
Heptachlor	0.04	µg/L	< 0.94 U	< 0.24 U	< 0.049 U	< 0.048 U	< 0.23 U	< 0.24 U	< 0.047 U	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
Heptachlor Epoxide	0.03	µg/L	0.45 J	0.98	< 0.049 U	< 0.048 U	< 0.23 U	< 0.24 U	< 0.047 U	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
Hexachlorobenzene	0.04	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	35	µg/L	< 0.94 U	< 0.24 U	< 0.049 U	0.15	< 0.23 U	< 0.24 U	< 0.047 U	< 0.047 U	< 0.046 U	< 0.047 U	< 0.54 U	< 0.46 U
P,P'-DDD	0.3	µg/L	0.41 J	< 0.24 U	0.036 J	0.042 J	0.092 J	0.42	0.19	0.76	0.11	0.27	0.14 J	0.21 J
P,P'-DDE	0.2	µg/L	0.50 J	0.24	< 0.049 U	0.043 J	0.057 J	0.16 J	0.062	0.14	0.026 J	0.067	0.13 J	< 0.46 U
P,P'-DDT	0.2	µg/L	< 0.94 U	< 0.24 U	0.013 J	< 0.048 U	0.10 J	< 0.24 U	< 0.047 U	0.015 J	< 0.046 U	0.035 J	< 0.54 U	< 0.46 U
Toxaphene	0.06	µg/L	< 9.4 U	< 2.4 U	< 0.49 U	< 0.48 U	< 2.3 U	< 2.4 U	< 0.47 U	< 0.47 U	< 0.46 U	< 0.47 U	< 5.4 U	< 4.6 U
trans-Chlordane	NSL	µg/L	3.1	1.4	< 0.049 U	0.051	< 0.23 U	< 0.24 U	0.034 J	0.021 J	0.018 J	0.020 J	0.72	< 0.46 U

Notes:
(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated, biased high
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			GW-10 7/8/2014 GW-110-20140708	GW-11 7/8/2014 GW-111-20140708	GW-12 7/8/2014 GW-112-20140708	GW-13 7/8/2014 GW-113-20140708	GW-14 7/8/2014 GW-114-20140708	GW-15 7/8/2014 GW-115-20140708	GW-16 7/9/2014 GW-116-20140709	GW-17 7/9/2014 GW-117-20140709	GW-18 7/9/2014 GW-118-20140709	GW-19 7/9/2014 GW-119-20140709	GW-2 7/7/2014 GW-12-20140707	GW-20 7/9/2014 GW-120-20140709
Analyte	NYSDEC AWQS ¹	Unit												
SVOCs (SW8270)														
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NSL	µg/L	< 5.1 U	< 9.6 U	< 4.7 U	< 4.6 U	< 89 U	< 4.6 U	< 19 U	< 4.7 U	< 4.7 U	< 4.5 U	< 45 U	< 9.6 U
2,4,6-Trichlorophenol	NSL	µg/L	< 5.1 U	< 9.6 U	< 4.7 U	< 4.6 U	< 89 U	< 4.6 U	< 19 U	< 4.7 U	< 4.7 U	< 4.5 U	< 45 U	< 9.6 U
2,4-Dichlorophenol	5	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	< 36 U	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	< 3.8 U
2,4-Dimethylphenol	50	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	30 J	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	7
2,4-Dinitrophenol	10	µg/L	< 41 U	< 77 U	< 38 U	< 37 U	< 710 U	< 37 U	< 150 U	< 38 U	< 38 U	< 36 U	< 360 U	< 77 U
2,4-Dinitrotoluene	5	µg/L	< 5.1 U	< 9.6 U	< 4.7 U	< 4.6 U	< 89 U	< 4.6 U	< 19 U	< 4.7 U	< 4.7 U	< 4.5 U	< 45 U	< 9.6 U
2,6-Dinitrotoluene	5	µg/L	< 5.1 U	< 9.6 U	< 4.7 U	< 4.6 U	< 89 U	< 4.6 U	< 19 U	< 4.7 U	< 4.7 U	< 4.5 U	< 45 U	< 9.6 U
2-Chloronaphthalene	10	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
2-Chlorophenol	1	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
2-Methylnaphthalene	NSL	µg/L	7.1	2.9	1.3	9	< 3.6 U	3.2	< 0.75 U	< 0.19 U	< 0.19 U	14	< 1.8 U	1
2-Methylphenol (O-Cresol)	NSL	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	1.2 J
2-Nitroaniline	5	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	< 36 U	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	< 3.8 U
2-Nitrophenol	NSL	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	< 36 U	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	< 3.8 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	5	µg/L	< 5.1 U	< 9.6 U	< 4.7 U	< 4.6 U	< 89 U	< 4.6 U	< 19 U	< 4.7 U	< 4.7 U	< 4.5 U	< 45 U	< 9.6 U
3-Nitroaniline	5	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	< 36 U	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	< 3.8 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 5.1 U	< 9.6 U	< 4.7 U	< 4.6 U	< 89 U	< 4.6 U	< 19 U	< 4.7 U	< 4.7 U	< 4.5 U	< 45 U	< 9.6 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	< 36 U	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	< 3.8 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	< 36 U	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	< 3.8 U
4-Chloroaniline	5	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	< 36 U	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	< 3.8 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	< 36 U	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	< 3.8 U
4-Methylphenol (P-Cresol)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	5	µg/L	< 2.0 U	< 3.8 U	< 1.9 U	< 1.9 U	< 36 U	< 1.9 U	< 7.5 U	< 1.9 U	< 1.9 U	< 1.8 U	< 18 U	< 3.8 U
4-Nitrophenol	NSL	µg/L	< 5.1 U	< 9.6 U	< 4.7 U	< 4.6 U	< 89 U	< 4.6 U	< 19 U	< 4.7 U	< 4.7 U	< 4.5 U	< 45 U	< 9.6 U
Acenaphthene	20	µg/L	< 0.20 U	< 0.38 U	< 0.19 U	< 0.19 U	< 3.6 U	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Acenaphthylene	NSL	µg/L	< 0.20 U	< 0.38 U	< 0.19 U	< 0.19 U	< 3.6 U	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Acetophenone	NSL	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	2.7 J	2.1	2	< 0.89 U	< 8.9 U	62
Anthracene	50	µg/L	< 0.20 U	< 0.38 U	< 0.19 U	< 0.19 U	< 3.6 U	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Atrazine	NSL	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Benzaldehyde	NSL	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	9.1 J	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Benzo(A)Anthracene	0.002	µg/L	< 0.20 U	< 0.38 U	< 0.19 U	< 0.19 U	2.1 J	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Benzo(A)Pyrene	NSL	µg/L	< 0.20 U	< 0.38 U	< 0.19 U	< 0.19 U	< 3.6 U	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.20 U	0.30 J	< 0.19 U	< 0.19 U	< 3.6 U	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.20 U	0.37 J	< 0.19 U	< 0.19 U	< 3.6 U	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.20 U	0.34 J	< 0.19 U	< 0.19 U	< 3.6 U	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Benzyl Butyl Phthalate	50	µg/L	0.51 J	0.69 J	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	0.27 J	0.33 J	< 8.9 U	< 1.9 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	6.3	81	12	5.6	34 J	25	90	27	32	36	410	50
Caprolactam	NSL	µg/L	< 5.1 U	2.5 J	< 4.7 U	< 4.6 U	< 89 U	< 4.6 U	1.6 J	1.3 J	< 4.7 U	< 4.5 U	7.0 J	< 9.6 U
Carbazole	NSL	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Chrysene	0.002	µg/L	< 0.20 U	0.32 J	< 0.19 U	< 0.19 U	1.9 J	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.20 U	< 0.38 U	< 0.19 U	< 0.19 U	< 3.6 U	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Dibenzofuran	NSL	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Diethyl Phthalate	50	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	0.39 J	< 0.89 U	< 8.9 U	< 1.9 U
Dimethyl Phthalate	50	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Di-N-Butyl Phthalate	50	µg/L	9.2	4.3	12	4.3	93	5.1	4.9	3.3	3	4.8	6.1 J	3.9
Di-N-Octylphthalate	50	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Fluoranthene	50	µg/L	< 0.20 U	< 0.38 U	< 0.19 U	< 0.19 U	< 3.6 U	0.19	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Fluorene	50	µg/L	< 0.20 U	< 0.38 U	< 0.19 U	< 0.19 U	< 3.6 U	< 0.19 U	< 0.75 U	< 0.19 U	< 0.19 U	< 0.18 U	< 1.8 U	< 0.38 U
Hexachlorobenzene	0.04	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Hexachlorobutadiene	0.5	µg/L	< 1.0 U	< 1.9 U	< 0.94 U	< 0.93 U	< 18 U	< 0.93 U	< 3.8 U	< 0.94 U	< 0.94 U	< 0.89 U	< 8.9 U	< 1.9 U
Hexachlorocyclopentadiene	5	µg/L	< 10 U	< 19 U	< 9.4 U	< 9.3 U	< 180 U	< 9.3 U	< 38 U	< 9.4 U				

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			GW-21 7/9/2014 GW-I21-20140709	GW-22 7/9/2014 GW-I22-20140709	GW-23 7/9/2014 GW-I23-20140709	GW-24 8/3/2015 GW-24-20150803	GW-25 8/3/2015 GW-25-20150803	GW-26 8/3/2015 GW-26-20150803	GW-27 8/3/2015 GW-27-20150803	GW-28 8/3/2015 GW-28-20150803	GW-29 8/4/2015 GW-29-20150804	GW-3 7/7/2014 GW-I3-20140707	GW-30 8/4/2015 GW-30-20150804	GW-31 8/4/2015 GW-31-20150804
Analyte	NYSDEC AWQS ¹	Unit												
PFAS (E537/E1633)														
11-Chloroicosfluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (G3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluorohexyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PEOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (SW8260)														
1,1,1,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,1,2-Trichloroethane	1	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,1-Dichloroethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,1-Dichloroethene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,1-Dichloropropene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,2,3-Trichlorobenzene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	1.3	< 10 U	< 5.0 U
1,2,3-Trichloropropane	0.04	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,2,4-Trichlorobenzene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	4.3	< 10 U	< 5.0 U
1,2,4-Trimethylbenzene	NSL	µg/L	5.5	1.1	< 1.0 U	< 5.0 U	5.4	110	55	59	250	33	450	130
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,2-Dichlorobenzene	3	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	10	< 5.0 U	< 10 U	< 10 U	18	< 1.0 U	20	11
1,2-Dichloroethane	0.6	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,2-Dichloropropane	1	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	0.92 J	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	34	< 10 U	< 10 U	62	21	97	25
1,3-Dichlorobenzene	3	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,3-Dichloropropane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,4-Dichlorobenzene	3	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NSL	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
2-Chlorotoluene	NSL	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
2-Hexanone	50	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 25 U	< 25 U	< 50 U	< 50 U	< 50 U	< 5.0 U	< 5.0 U	< 25 U
4-Chlorotoluene	NSL	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Acetone	50	µg/L	9.6 J	4.5 J	12	< 50 U	< 50 U	< 50 U	< 100 U	< 100 U	< 100 U	11	< 100 U	< 50 U
Benzene	1	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Bromobenzene	NSL	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Bromochloromethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Bromodichloromethane	50	µg/L	< 1.0 U	0.99 J	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Bromoform	50	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U

Notes:
(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated, biased high
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL - No screening level available
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			GW-21 7/9/2014 GW-I21-20140709	GW-22 7/9/2014 GW-I22-20140709	GW-23 7/9/2014 GW-I23-20140709	GW-24 8/3/2015 GW-24-20150803	GW-25 8/3/2015 GW-25-20150803	GW-26 8/3/2015 GW-26-20150803	GW-27 8/3/2015 GW-27-20150803	GW-28 8/3/2015 GW-28-20150803	GW-29 8/4/2015 GW-29-20150804	GW-3 7/7/2014 GW-I3-20140707	GW-30 8/4/2015 GW-30-20150804	GW-31 8/4/2015 GW-31-20150804
Analyte	NYSDEC AWQS ¹	Unit												
Bromomethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Carbon Disulfide	60	µg/L	3.3	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	1.3	< 10 U	< 5.0 U
Carbon Tetrachloride	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Chlorobenzene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Chloroethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Chloroform	7	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	14	< 1.0 U	19	9.5
Cis-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Cyclohexane	NSL	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	3.4 J	1.9 J
Cymene	NSL	µg/L	0.35 J	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	19	< 10 U	< 10 U	12	47	16	4.6 J
Dibromochloromethane	50	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Dibromomethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Dichlorodifluoromethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Ethylbenzene	5	µg/L	2.9	2.7	1.1	< 5.0 U	< 5.0 U	4.4 J	13	9.0 J	67	< 1.0 U	110	42
Hexachlorobutadiene	0.5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Iodomethane (Methyl Iodide)	NSL	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Isopropylbenzene (Cumene)	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	6.7	< 10 U	< 10 U	21	1.4	39	20
Methyl Acetate	NSL	µg/L	< 2.5 U	< 2.5 U	< 2.5 U	< 13 U	< 13 U	< 13 U	< 25 U	< 25 U	< 25 U	< 2.5 U	< 25 U	< 13 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 10 U	< 10 U	< 10 U	< 50 U	< 50 U	< 50 U	< 100 U	< 100 U	< 100 U	2.5 J	< 100 U	< 50 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 25 U	< 25 U	< 50 U	< 50 U	< 50 U	< 5.0 U	< 50 U	< 25 U
Methylcyclohexane	NSL	µg/L	0.82 J	0.76 J	< 1.0 U	< 5.0 U	3.0 J	6	1.6 J	< 10 U	5.2 J	16	12	7.2
Methylene Chloride	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
M-P-Xylene	NSL	µg/L	4.6	2.4	0.72 J	< 10 U	< 10 U	8.7 J	10 J	< 20 U	180	< 2.0 U	150	26
Naphthalene	10	µg/L	1	0.89 J	0.48 J	< 5.0 U	< 5.0 U	6.5	< 10 U	< 10 U	23	1.6	12	9.3
N-Butylbenzene	5	µg/L	1.1	< 1.0 U	< 1.0 U	< 5.0 U	5.2	38	6.8 J	< 10 U	19	67	59	29
N-Propylbenzene	NSL	µg/L	1.1	0.76 J	< 1.0 U	< 5.0 U	3.8 J	18	7.5 J	7.0 J	38	7.1	72	32
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	4.8	3.2	0.99 J	< 5.0 U	< 5.0 U	5.9	31	< 10 U	100	< 1.0 U	180	44
Sec-Butylbenzene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	7	23	< 10 U	< 10 U	13	34	40	25
Styrene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
T-Butylbenzene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	3.2	< 10 U	< 5.0 U
Tert-Butyl Methyl Ether	10	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Tetrachloroethylene (PCE)	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Toluene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	7.4 J	< 1.0 U	< 10 U	< 5.0 U
Trans-1,2-Dichloroethene	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Trichloroethylene (TCE)	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Trichlorofluoromethane	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Vinyl Acetate	NSL	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 25 U	< 25 U	< 50 U	< 50 U	< 50 U	< 5.0 U	< 50 U	< 25 U
Vinyl Chloride	2	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 10 U	< 5.0 U
Xylenes	5	µg/L	9.4	5.6	1.7 J	< 10 U	< 10 U	15	41	< 20 U	280	< 2.0 U	330	70
Pesticides (SW8081)														
Alachlor	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NSL	µg/L	< 0.047 U	< 0.046 U	< 0.048 U	< 0.048 U	0.0080 J	0.032 J	0.040 J	< 0.50 U	< 0.049 U	< 0.25 U	< 0.25 U	0.048 J
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	0.022 J	0.012 J	< 0.048 U	0.014 J	< 0.049 U	< 0.050 U	0.026 J	< 0.50 U	0.027 J	0.047 J	< 0.25 U	< 0.050 U
Alpha Endosulfan	NSL	µg/L	0.038 J	< 0.046 U	< 0.048 U	< 0.048 U	< 0.049 U	0.18	0.17	< 0.50 U	< 0.049 U	< 0.25 U	< 0.25 U	< 0.050 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.047 U	< 0.046 U	< 0.048 U	< 0.048 U	< 0.049 U	< 0.050 U	< 0.048 U	< 0.50 U	< 0.049 U	< 0.25 U	< 0.25 U	< 0.050 U
Beta Endosulfan	NSL	µg/L	0.023 J	< 0.046 U	< 0.048 U	< 0.048 U	< 0.049 U	< 0.050 U	0.036 J	< 0.50 U	< 0.049 U	< 0.25 U	< 0.25 U	0.027 J
Chlordane	0.05	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	0.21	0.014 J	< 0.048 U	< 0.048 U	< 0.049 U	0.040 J	0.31	< 0.50 U	0.017 J	0.78	< 0.25 U	< 0.050 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	< 0.047 U	< 0.046 U	< 0.048 U	0.012 J	< 0.049 U	< 0.050 U	0.017 J	< 0.50 U	0.011 J	< 0.25 U	< 0.25 U	< 0.050 U
Dieldrin	0.004	µg/L	0.032 J	< 0.046 U	< 0.048 U	< 0.048 U	< 0.049 U	0.015 J	0.041 J	< 0.50 U	< 0.049 U	< 0.25 U	< 0.25 U	0.042 J
Endosulfan Sulfate	NSL	µg/L	0.020 J	0.016 J	< 0.048 U	0.023 J	< 0.049 U	0.042 J	< 0.048 U	< 0.50 U	< 0.049 U	< 0.25 U	< 0.25 U	< 0.050 U
Endrin	NSL	µg/L	< 0.047 U	< 0.046 U	< 0.048 U	< 0.048 U	< 0.049 U	0.014 J	0.013 J	< 0.50 U	< 0.049 U	< 0.25 U	< 0.25 U	< 0.050 U
Endrin Aldehyde	5	µg/L	< 0.047 U	< 0.046 U	< 0.048 U	< 0.048 U	0.026 J	0.045 J	< 0.048 U	< 0.50 U	0.028 J	< 0.25 U	< 0.25 U	0.037 J
Endrin Ketone	5	µg/L	< 0.047 U	< 0.046 U	< 0.048 U	< 0.048 U	< 0.049 U	< 0.050 U	< 0.048 U	< 0.50 U	< 0.049 U	< 0.25 U	0.11 J	< 0.050 U
Gamma Bhc (Lindane)	NSL	µg/L	< 0.047 U	< 0.046 U	< 0.048 U	< 0.048 U	< 0.049 U	0.0092 J	0.021 J	< 0.50 U	< 0.049 U	< 0.25 U	< 0.25 U	0.0094 J
Heptachlor	0.04	µg/L	< 0.047 U	< 0.046 U	< 0.048 U	0.025 J	< 0.049 U	< 0.050 U	0.049	< 0.50 U	< 0.049 U	< 0.25 U	< 0.25 U	< 0.050 U
Heptachlor Epoxide	0.03	µg/L	0.016 J	< 0.046 U	< 0.048 U	< 0.048 U	< 0.049 U	0.052	< 0.048 U	< 0.50 U	0.025 J	< 0.25 U	< 0.25 U	< 0.050 U
Hexachlorobenzene	0.04	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	35	µg/L	< 0.047 U	< 0.046 U	< 0.048 U	0.025 J	< 0.049 U	0.053	< 0.048 U	< 0.50 U	0.042 J	< 0.25 U	< 0.25 U	0.16
P,P'-DDD	0.3	µg/L	0.073	0.12	0.023 J	0.033 J	0.017 J	0.0094 J	< 0.048 U	< 0.50 U	< 0.049 U	0.093 J	0.050 J	0.015 J
P,P'-DDE	0.2	µg/L	0.026 J	0.025 J	< 0.048 U	0.014 J	0.020 J	0.012 J	0.017 J	< 0.50 U	0.032 J	< 0.25 U	< 0.25 U	0.026 J
P,P'-DDT	0.2	µg/L	0.021 J	< 0.046 U	< 0.048 U	< 0.048 U	< 0.049 U	0.023 J	0.023 J	0.19 J	< 0.049 U	< 0.25 U	< 0.25 U	0.032 J
Toxaphene	0.06	µg/L	< 0.47 U	< 0.46 U	< 0.48 U	< 0.48 U	< 0.49 U	< 0.50 U	< 0.48 U	< 5.0 U	< 0.49 U	< 2.5 U	< 2.5 U	< 0.50 U
trans-Chlordane	NSL	µg/L	0.23	0.035 J	< 0.048 U	< 0.048 U	< 0.049 U	0.020 J	0.18	< 0.50 U	< 0.049 U	0.23 J	< 0.25 U	< 0.050 U

Notes:
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µg/L = Microgram(s) per liter
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Analyte	NYSDEC AWQS ¹	Unit												
SVOCs (SW8270)														
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NSL	µg/L	< 4.5 U	< 4.6 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 50 U	< 5.0 U	< 5.1 U
2,4,6-Trichlorophenol	NSL	µg/L	< 4.5 U	< 4.6 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 50 U	< 5.0 U	< 5.1 U
2,4-Dichlorophenol	5	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 20 U	< 5.0 U	< 5.1 U
2,4-Dimethylphenol	50	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	4.5 J	< 20 U	2.3 J	0.64 J
2,4-Dinitrophenol	10	µg/L	< 36 U	< 37 U	< 38 U	< 9.5 U	< 9.6 U	< 9.5 U	< 9.6 U	< 9.6 U	< 9.6 U	< 400 U	< 10 U	< 10 U
2,4-Dinitrotoluene	5	µg/L	< 4.5 U	< 4.6 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 50 U	< 5.0 U	< 5.1 U
2,6-Dinitrotoluene	5	µg/L	< 4.5 U	< 4.6 U	< 4.8 U	< 4.8 U	0.80 J	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 50 U	< 5.0 U	< 5.1 U
2-Chloronaphthalene	10	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
2-Chlorophenol	1	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
2-Methylnaphthalene	NSL	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	2.1 J	< 4.8 U	< 4.8 U	5.9	4.1	0.92 J	< 5.1 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
2-Nitroaniline	5	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 9.5 U	< 9.6 U	< 9.5 U	< 9.6 U	< 9.6 U	< 9.6 U	< 20 U	< 10 U	< 10 U
2-Nitrophenol	NSL	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 20 U	< 5.0 U	< 5.1 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	5	µg/L	< 4.5 U	< 4.6 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 50 U	< 5.0 U	< 5.1 U
3-Nitroaniline	5	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 9.5 U	< 9.6 U	< 9.5 U	< 9.6 U	< 9.6 U	< 9.6 U	< 20 U	< 10 U	< 10 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 4.5 U	< 4.6 U	< 4.8 U	< 9.5 U	< 9.6 U	< 9.5 U	< 9.6 U	< 9.6 U	< 9.6 U	< 50 U	< 10 U	< 10 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 20 U	< 5.0 U	< 5.1 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 20 U	< 5.0 U	< 5.1 U
4-Chloroaniline	5	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 20 U	< 5.0 U	< 5.1 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 20 U	< 5.0 U	< 5.1 U
4-Methylphenol (P-Cresol)	NSL	µg/L	NA	NA	NA	< 9.5 U	< 9.6 U	< 9.5 U	< 9.6 U	< 9.6 U	< 9.6 U	NA	< 10 U	< 10 U
4-Nitroaniline	5	µg/L	< 1.8 U	< 1.9 U	< 1.9 U	< 9.5 U	< 9.6 U	< 9.5 U	< 9.6 U	< 9.6 U	< 9.6 U	< 20 U	< 10 U	< 10 U
4-Nitrophenol	NSL	µg/L	< 4.5 U	< 4.6 U	< 4.8 U	< 9.5 U	< 9.6 U	< 9.5 U	< 9.6 U	< 9.6 U	< 9.6 U	< 50 U	< 10 U	< 10 U
Acenaphthene	20	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Acenaphthylene	NSL	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Acetophenone	NSL	µg/L	1.7	1.7	2.2	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Anthracene	50	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Atrazine	NSL	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Benzaldehyde	NSL	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	0.57 J	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	20	9.6
Benzo(A)Anthracene	0.002	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Benzo(A)Pyrene	NSL	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Benzo(G,H,D)Perylene	NSL	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Benzyl Butyl Phthalate	50	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	0.59 J	0.62 J	0.59 J	0.56 J	< 4.8 U	< 4.8 U	< 10 U	0.43 J	0.61 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	20	19	11	2.1 J	19	2.8 J	< 4.8 U	< 4.8 U	< 4.8 U	350	3.9 J	2.1 J
Caprolactam	NSL	µg/L	< 4.5 U	1.1 J	3.0 J	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 50 U	< 5.0 U	< 5.1 U
Carbazole	NSL	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Chrysene	0.002	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Dibenzofuran	NSL	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 9.5 U	< 9.6 U	< 9.5 U	< 9.6 U	< 9.6 U	< 9.6 U	< 10 U	< 10 U	< 10 U
Diethyl Phthalate	50	µg/L	0.47 J	< 0.93 U	0.59 J	4.4 J	0.76 J	< 4.8 U	< 4.8 U	< 4.8 U	0.33 J	< 10 U	0.47 J	< 5.1 U
Dimethyl Phthalate	50	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Di-N-Butyl Phthalate	50	µg/L	3.1	1.9	3.4	2.7 J	2.5 J	0.65 J	0.89 J	0.64 J	0.94 J	4.6 J	1.9 J	1.0 J
Di-N-Octylphthalate	50	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Fluoranthene	50	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Fluorene	50	µg/L	< 0.18 U	< 0.19 U	< 0.19 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 2.0 U	< 5.0 U	< 5.1 U
Hexachlorobenzene	0.04	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Hexachlorobutadiene	0.5	µg/L	< 0.89 U	< 0.93 U	< 0.96 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 10 U	< 5.0 U	< 5.1 U
Hexachlorocyclopentadiene	5	µg/L	< 8.9 U	< 9.3 U	< 9.6 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	< 100 U	< 5.0 U	< 5.1 U
Hexach														

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name			GW-32 8/4/2015 GW-32-20150804	GW-33 8/4/2015 GW-33-20150804	GW-34 8/4/2015 GW-34-20150804	GW-35 8/4/2015 GW-35-20150804	GW-36 8/4/2015 GW-36-20150804	GW-37 8/4/2015 GW-37-20150804	GW-4 7/7/2014 GW-14-20140707	GW-5 7/8/2014 GW-15-20140708	GW-6 7/8/2014 GW-16-20140708	GW-7 7/8/2014 GW-17-20140708	GW-7 7/8/2014 DUP-1-20140708 GW-17-20140708	GW-8 7/8/2014 GW-18-20140708
Parent Sample ID														
Analyte	NYSDEC AWQS ¹	Unit												
PFAS (E537/E1633)														
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoronananesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (SW8260)														
1,1,1,2-Tetrachloroethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,1,2-Trichloroethane	1	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,1-Dichloroethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,1-Dichloroethene	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,1-Dichloropropene	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,2,3-Trichlorobenzene	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,2,3-Trichloropropane	0.04	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	2.2	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,2,4-Trichlorobenzene	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,2,4-Trimethylbenzene	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	21	540	240	490	1300	1200	710
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,2-Dichlorobenzene	3	µg/L	7.7	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	23	< 1.0 U	8.3	35	36	12
1,2-Dichloroethane	0.6	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,2-Dichloropropane	1	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	3.8	< 1.0 U	220	120	220	390	410	250
1,3-Dichlorobenzene	3	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,3-Dichloropropane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
1,4-Dichlorobenzene	3	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	2.1
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
2-Chlorotoluene	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
2-Hexanone	50	µg/L	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 5.0 U	< 25 U	< 50 U	< 50 U	< 5.0 U
4-Chlorotoluene	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
Acetone	50	µg/L	< 50 U	< 10 U	< 10 U	< 10 U	4.5 J	< 10 U	22 J	19	48 J	31 J	31 J	24
Benzene	1	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
Bromobenzene	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
Bromochloromethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
Bromodichloromethane	50	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U
Bromoform	50	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 10 U	< 10 U	< 1.0 U

Notes:
(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated, biased high
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name			GW-32 8/4/2015 GW-32-20150804	GW-33 8/4/2015 GW-33-20150804	GW-34 8/4/2015 GW-34-20150804	GW-35 8/4/2015 GW-35-20150804	GW-36 8/4/2015 GW-36-20150804	GW-37 8/4/2015 GW-37-20150804	GW-4 7/7/2014 GW-14-20140707	GW-5 7/8/2014 GW-15-20140708	GW-6 7/8/2014 GW-16-20140708	GW-7 7/8/2014 GW-17-20140708	GW-7 7/8/2014 DUP-1-20140708 GW-17-20140708	GW-8 7/8/2014 GW-18-20140708
Parent Sample ID														
Analyte	NYSDEC AWQS ¹	Unit												
Bromomethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Carbon Disulfide	60	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.68 J	< 1.0 U	1.5 J	1.3	< 5.0 U	3.7 J	4.3 J	2.2
Carbon Tetrachloride	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chlorobenzene	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroform	7	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	1.4	1.7	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Cis-1,2-Dichloroethylene	5	µg/L	6.1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	8	11	10	5.5
Cis-1,3-Dichloropropene	0.4	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Cyclohexane	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Cymene	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	2.9	1.1	70	44	52	69	73
Dibromochloromethane	50	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Dibromomethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Dichlorodifluoromethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Ethylbenzene	5	µg/L	17	< 1.0 U	< 1.0 U	< 1.0 U	2.1	< 1.0 U	49	2.1	48	69	71	46
Hexachlorobutadiene	0.5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Iodomethane (Methyl Iodide)	NSL	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Isopropylbenzene (Cumene)	5	µg/L	6	< 1.0 U	< 1.0 U	< 1.0 U	2.1	< 1.0 U	28	7.4	24	30	32	24
Methyl Acetate	NSL	µg/L	< 13 U	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U	< 13 U	< 2.5 U	< 13 U	< 25 U	< 25 U	< 2.5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	5.0 J	20 J	< 100 U	< 100 U	16
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 5.0 U	< 25 U	< 50 U	< 50 U	< 5.0 U
Methylcyclohexane	NSL	µg/L	1.7 J	< 1.0 U	< 1.0 U	< 1.0 U	1.2	0.41 J	16	10	16	4.4 J	4.3 J	7.6
Methylene Chloride	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
M-P-Xylene	NSL	µg/L	< 10 U	< 2.0 U	< 2.0 U	< 2.0 U	3.9	< 2.0 U	210	5.3	230	490	510	230
Naphthalene	10	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	9.4	< 1.0 U	65	6.6	64	130	130	76
N-Butylbenzene	5	µg/L	4.9 J	< 1.0 U	< 1.0 U	< 1.0 U	4.4	2.5	110	47	93	110	120	72
N-Propylbenzene	NSL	µg/L	7	< 1.0 U	< 1.0 U	< 1.0 U	5.9	2.5	63	30	44	76	80	55
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	3.8	< 1.0 U	140	6.8	140	340	360	140
Sec-Butylbenzene	5	µg/L	4.8 J	< 1.0 U	< 1.0 U	< 1.0 U	2.7	7.8	50	30	35	47	49	33
Styrene	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
T-Butylbenzene	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.85 J	6.1	4.4	4.7 J	< 1.0 U	< 1.0 U	3.9
Tert-Butyl Methyl Ether	10	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Tetrachloroethylene (PCE)	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.60 J	< 1.0 U	< 1.0 U	14	3.6	16	52	54
Toluene	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	7.2	< 1.0 U	3.6 J	16	16	7.3
Trans-1,2-Dichloroethene	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Trichloroethylene (TCE)	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	1.8	8.8	< 1.0 U	< 1.0 U	1.2
Trichlorofluoromethane	5	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl Acetate	NSL	µg/L	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 5.0 U	< 25 U	< 50 U	< 50 U	< 5.0 U
Vinyl Chloride	2	µg/L	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Xylenes	5	µg/L	< 10 U	< 2.0 U	< 2.0 U	< 2.0 U	7.7	< 2.0 U	350	12	370	830	870	370
Pesticides (SW8081)														
Alachlor	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NSL	µg/L	< 0.10 U	0.014 J	< 0.10 U	< 0.051 U	0.013 J	< 0.052 U	0.028 J	0.056 J	0.059 J	< 0.49 U	< 4.8 U	< 0.24 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	0.016 J	0.023 J	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	0.061	0.058 J	< 0.28 U	0.48 J	< 4.8 U	0.088 J
Alpha Endosulfan	NSL	µg/L	< 0.10 U	0.040 J	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	< 0.28 U	< 0.49 U	< 4.8 U	< 0.24 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	< 0.28 U	0.36 J	< 4.8 U	< 0.24 U
Beta Endosulfan	NSL	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	0.014 J	< 0.26 U	< 0.28 U	< 0.49 U	< 4.8 U	< 0.24 U
Chlordane	0.05	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	< 0.10 U	0.015 J	< 0.10 U	< 0.051 U	0.020 J	< 0.052 U	0.44	0.36	1.1	3	3.2 J	< 0.24 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	< 0.28 U	0.48 J	< 4.8 U	< 0.24 U
Dieldrin	0.004	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	0.077	< 0.26 U	0.083 J	0.18 J	< 4.8 U	< 0.24 U
Endosulfan Sulfate	NSL	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	< 0.28 U	< 0.49 U	< 4.8 U	< 0.24 U
Endrin	NSL	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	< 0.28 U	< 0.49 U	< 4.8 U	< 0.24 U
Endrin Aldehyde	5	µg/L	0.043 J	< 0.050 U	0.069 J	0.023 J	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	< 0.28 U	< 0.49 U	< 4.8 U	< 0.24 U
Endrin Ketone	5	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	< 0.28 U	< 0.49 U	< 4.8 U	< 0.24 U
Gamma Bhc (Lindane)	NSL	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	< 0.28 U	< 0.49 U	< 4.8 U	< 0.24 U
Heptachlor	0.04	µg/L	< 0.10 U	0.017 J	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	0.12 J	< 0.49 U	< 4.8 U	< 0.24 U
Heptachlor Epoxide	0.03	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	0.017 J	< 0.049 U	< 0.052 U	< 0.054 U	< 0.26 U	0.91	1.7	< 4.8 U	< 0.24 U
Hexachlorobenzene	0.04	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	35	µg/L	< 0.10 U	0.051	< 0.10 U	< 0.051 U	0.058	< 0.052 U	0.23	< 0.26 U	< 0.28 U	< 0.49 U	< 4.8 U	< 0.24 U
P,P'-DDD	0.3	µg/L	0.063 J	0.042 J	0.037 J	0.018 J	< 0.049 U	0.013 J	0.012 J	0.10 J	0.071 J	0.88	< 4.8 U	0.050 J
P,P'-DDE	0.2	µg/L	0.080 J	0.033 J	0.073 J	0.033 J	0.029 J	0.026 J	0.021 J	< 0.26 U	< 0.28 U	0.39 J	< 4.8 U	< 0.24 U
P,P'-DDT	0.2	µg/L	< 0.10 U	0.033 J	< 0.10 U	0.025 J	0.025 J	0.025 J	< 0.054 U	< 0.26 U	< 0.28 U	0.26 J	< 4.8 U	< 0.24 U
Toxaphene	0.06	µg/L	< 1.0 U	< 0.50 U	< 1.0 U	< 0.51 U	< 0.49 U	< 0.52 U	< 0.54 U	< 2.6 U	< 2.8 U	< 4.9 U	< 48 U	< 2.4 U
trans-Chlordane	NSL	µg/L	< 0.10 U	< 0.050 U	< 0.10 U	< 0.051 U	< 0.049 U	< 0.052 U	0.18	0.13 J	0.67	2.2	1.5 J	0.10 J

Notes:
(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated, biased high
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL - No screening level available
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name			GW-32 8/4/2015 GW-32-20150804	GW-33 8/4/2015 GW-33-20150804	GW-34 8/4/2015 GW-34-20150804	GW-35 8/4/2015 GW-35-20150804	GW-36 8/4/2015 GW-36-20150804	GW-37 8/4/2015 GW-37-20150804	GW-4 7/7/2014 GW-14-20140707	GW-5 7/8/2014 GW-15-20140708	GW-6 7/8/2014 GW-16-20140708	GW-7 7/8/2014 GW-17-20140708	GW-7 7/8/2014 DUP-1-20140708 GW-17-20140708	GW-8 7/8/2014 GW-18-20140708
Parent Sample ID														
Analyte	NYSDEC AWQS ¹	Unit												
SVOCs (SW8270)														
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 5.4 U	< 5.0 U	< 5.2 U	< 9.3 U	< 9.6 U	< 4.6 U
2,4,6-Trichlorophenol	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 5.4 U	< 5.0 U	< 5.2 U	< 9.3 U	< 9.6 U	< 4.6 U
2,4-Dichlorophenol	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
2,4-Dimethylphenol	50	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
2,4-Dinitrophenol	10	µg/L	< 11 U	< 9.8 U	< 11 U	< 9.8 U	< 10 U	< 11 U	< 43 U	< 40 U	< 42 U	< 74 U	< 77 U	< 37 U
2,4-Dinitrotoluene	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 5.4 U	< 5.0 U	< 5.2 U	< 9.3 U	< 9.6 U	< 4.6 U
2,6-Dinitrotoluene	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 5.4 U	< 5.0 U	< 5.2 U	< 9.3 U	< 9.6 U	< 4.6 U
2-Chloronaphthalene	10	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
2-Chlorophenol	1	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
2-Methylnaphthalene	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	0.91 J	< 5.4 U	11	4.8	13	50	34	9.8
2-Methylphenol (O-Cresol)	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
2-Nitroaniline	5	µg/L	< 11 U	< 9.8 U	< 11 U	< 9.8 U	< 10 U	< 11 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
2-Nitrophenol	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 5.4 U	< 5.0 U	< 5.2 U	< 9.3 U	< 9.6 U	< 4.6 U
3-Nitroaniline	5	µg/L	< 11 U	< 9.8 U	< 11 U	< 9.8 U	< 10 U	< 11 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 11 U	< 9.8 U	< 11 U	< 9.8 U	< 10 U	< 11 U	< 5.4 U	< 5.0 U	< 5.2 U	< 9.3 U	< 9.6 U	< 4.6 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
4-Chloroaniline	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
4-Methylphenol (P-Cresol)	NSL	µg/L	< 11 U	< 9.8 U	< 11 U	< 9.8 U	< 10 U	< 11 U	NA	NA	NA	NA	NA	NA
4-Nitroaniline	5	µg/L	< 11 U	< 9.8 U	< 11 U	< 9.8 U	< 10 U	< 11 U	< 2.2 U	< 2.0 U	< 2.1 U	< 3.7 U	< 3.8 U	< 1.9 U
4-Nitrophenol	NSL	µg/L	< 11 U	< 9.8 U	< 11 U	< 9.8 U	< 10 U	< 11 U	< 5.4 U	< 5.0 U	< 5.2 U	< 9.3 U	< 9.6 U	< 4.6 U
Acenaphthene	20	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 0.22 U	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Acenaphthylene	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 0.22 U	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Acetophenone	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Anthracene	50	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 0.22 U	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Atrazine	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Benzaldehyde	NSL	µg/L	0.54 J	0.40 J	0.59 J	0.52 J	3.8 J	0.57 J	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Benzo(A)Anthracene	0.002	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	0.19 J	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Benzo(A)Pyrene	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	0.14 J	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Benzo(B)Fluoranthene	0.002	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	0.32	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	0.24	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Benzo(K)Fluoranthene	0.002	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	0.31	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Benzyl Butyl Phthalate	50	µg/L	0.55 J	< 4.9 U	0.45 J	< 4.9 U	< 5.1 U	< 5.4 U	0.80 J	0.46 J	< 1.0 U	< 1.9 U	< 1.9 U	0.59 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	1	< 1.9 U	< 1.9 U	0.67 J
Bis(2-Chloroethoxy) Methane	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	3.3 J	3.6 J	39	31	18	69	23	10
Caprolactam	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 5.4 U	< 5.0 U	< 5.2 U	< 9.3 U	< 9.6 U	< 4.6 U
Carbazole	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Chrysene	0.002	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	0.24	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 0.22 U	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Dibenzofuran	NSL	µg/L	< 11 U	< 9.8 U	< 11 U	< 9.8 U	< 10 U	< 11 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Diethyl Phthalate	50	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Dimethyl Phthalate	50	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Di-N-Butyl Phthalate	50	µg/L	0.97 J	< 4.9 U	0.40 J	0.54 J	1.3 J	0.62 J	4.3	< 1.0 U	< 1.0 U	< 1.9 U	6.6	4.2
Di-N-Octylphthalate	50	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	0.50 J	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Fluoranthene	50	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	0.13 J	< 0.20 U	< 0.21 U	< 0.37 U	< 0.38 U	< 0.19 U
Fluorene	50	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 0.22 U	< 0.20 U	< 0.21 U	1.6	< 0.38 U	< 0.19 U
Hexachlorobenzene	0.04	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Hexachlorobutadiene	0.5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.9 U	< 1.9 U	< 0.93 U
Hexachlorocyclopentadiene	5	µg/L	< 5.3 U	< 4.9 U	< 5.3 U	< 4.9 U	< 5.1 U	< 5.4 U	< 11 U	< 10 U	< 10 U	< 19 U	< 19 U	< 9.3 U

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			GW-9 7/8/2014 GW-I9-20140708	K-2 1/10/2012 K-2	K-2 10/14/2015 K-2-20151014	K-2 3/16/2017 K-2 031617	K-2 5/15/2019 K-2 051519-20190515	K-2 5/23/2023 518014-K-2	K-2 8/7/2024 518014-K-2	K-3 1/10/2012 K-3	K-3 10/14/2015 K-3-20151014	K-3 3/16/2017 K-3 031617	K-3 5/13/2019 K-3 051319-20190513	K-3 5/23/2023 518014-K-3	K-3 8/7/2024 518014-K-3	MW-15D 10/14/2015 MW-15D	MW-15D 10/14/2015 MW-15D-20151014	MW-15D 3/15/2017 MW-15D 031517
Analyte	NYSDEC AWQS ¹	Unit																
PFAS (E537/E1633)																		
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 1.7 U	NA	NA	NA	NA	NA	< 3.5 U	< 1.7 U	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	< 86 U	< 3.6 U	< 1.3 U	NA	NA	NA	NA	< 84 U	< 3.5 U	< 1.3 U	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 3.6 U	< 2.1 U	NA	NA	NA	NA	NA	< 3.5 U	< 2.1 U	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	< 86 U	< 3.6 U	< 0.85 U	NA	NA	NA	NA	< 84 U	< 3.5 U	< 0.83 U	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 45 U	< 6.6 U	NA	NA	NA	NA	NA	< 44 U	< 6.5 U	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 45 U	< 5.7 U	NA	NA	NA	NA	NA	< 44 U	< 5.7 U	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 9 U	< 2.2 U	NA	NA	NA	NA	NA	< 8.9 U	< 2.2 U	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 3.6 U	< 1.1 U	NA	NA	NA	NA	NA	< 3.5 U	< 1.1 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 3.6 U	< 2.3 U	NA	NA	NA	NA	NA	< 3.5 U	< 2.2 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 3.6 U	< 1.7 U	NA	NA	NA	NA	NA	< 3.5 U	< 1.7 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 0.9 U	< 0.49 U	NA	NA	NA	NA	NA	< 0.89 U	< 0.49 U	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	< 86 U	0.59 J	9	NA	NA	NA	NA	< 84 U	< 0.89 U	< 0.83 U	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 9 U	< 3.5 U	NA	NA	NA	NA	NA	< 8.9 U	< 3.4 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 0.9 U	< 0.59 U	NA	NA	NA	NA	NA	< 0.89 U	< 0.59 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	< 86 UJ	< 0.9 U	< 0.47 U	NA	NA	NA	NA	< 84 U	< 0.89 U	< 0.47 U	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 9 U	< 2.6 U	NA	NA	NA	NA	NA	< 8.9 U	< 2.6 U	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 1.8 U	< 1.2 U	NA	NA	NA	NA	NA	< 1.8 U	< 1.2 U	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 1.8 U	< 0.25 U	NA	NA	NA	NA	NA	< 1.8 U	< 0.25 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 1.8 U	< 0.28 U	NA	NA	NA	NA	NA	< 1.8 U	< 0.28 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	< 1.8 U	< 0.52 U	NA	NA	NA	NA	NA	< 1.8 U	< 0.51 U	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	1.8 J	< 8.6 UJ	1.8	2.2	NA	NA	4.6	< 8.4 U	2.1	1.1 J	NA	NA	< 0.92 U
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	< 8.6 U	2.3 J	20	NA	NA	NA	9.6 J	2.1 J	< 0.85 U	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	< 8.6 U	< 0.9 U	< 1.0 U	NA	NA	NA	< 8.4 U	< 0.89 U	< 1.0 U	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	< 8.6 U	0.24 J	< 0.58 U	NA	NA	NA	< 8.4 U	< 0.89 U	< 0.57 U	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.9 U	< 0.37 U	NA	NA	NA	NA	< 0.89 U	< 0.37 U	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	< 8.6 U	< 0.9 U	< 0.72 U	NA	NA	NA	< 8.4 U	< 0.89 U	< 0.71 U	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	< 8.6 U	14	4.3	NA	NA	NA	4.9 J	2.8	1.3 J	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	12	6.1 J	5.9	10	NA	NA	2.7	< 8.4 U	0.98	0.53 J	NA	NA	< 0.80 U
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	15	5.0 J	9.2	10	NA	NA	37	13 J	3.6	1.2 J	NA	NA	< 0.87 U
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	4.6 J	2.6	7.1	NA	NA	NA	< 8.4 U	1.2	0.68 J	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.9 U	< 1.3 U	NA	NA	NA	NA	< 0.89 U	< 1.3 U	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	5	1.6 J	4.7	6.5	NA	NA	0.80 J	< 8.4 U	0.49 J	0.64 J	NA	NA	< 0.65 U
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	NA	NA	< 8.6 U	< 0.9 U	10	NA	NA	NA	< 8.4 U	2.3	1.9	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	1500	1400 J	990	450	NA	NA	240	330 J	160	200	NA	NA	< 1.3 U
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	150	44 J	66	50	NA	NA	20	15 J	8.1	4.8	NA	1.6 J
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	NA	1.5	3.3	NA	NA	NA	NA	NA	2.2	1.0 J	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	4.8 J	0.91 J	< 0.68 U	NA	NA	NA	3.3 J	1.2 J	0.71 J	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	NA	< 8.6 U	< 0.9 U	< 0.71 U	NA	NA	NA	< 8.4 U	< 0.89 U	< 0.70 U	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTTrDA)	NSL	ng/L	NA	NA	NA	NA	< 8.6 U	< 0.9 U	< 0.73 U	NA	NA	NA	< 8.4 U	< 0.89 U	< 0.72 U	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	< 8.6 U	< 0.9 U	< 0.51 U	NA	NA	NA	< 8.4 U	< 0.89 U	< 0.50 U	NA	NA	NA
VOCs (SW8260)																		
1,1,1,2-Tetrachloroethane	5	µg/L	< 1.0 U	NA	< 5.0 U	< 0.35 U	NA	NA	NA	NA	< 1.0 U	< 0.35 U	NA	NA	NA	NA	< 200 U	< 0.35 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1.0 U	< 1.0 U	< 5.0 U	< 0.82 U	< 1.0 U	< 1 U	< 0.54 U	< 1.0 U	< 1.0 U	< 0.82 U	< 1.0 U	< 1 U	< 0.54 U	< 1.0 U	< 200 U	< 0.82 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 1.0 U	< 5.0 U	< 0.21 U	< 1.0 U	< 0.5 U	< 0.65 U	< 1.0 U	< 1.0 U	< 0.21 U	< 1.0 U	< 0.5 U	< 0.65 U	< 1.0 U	< 200 U	< 0.21 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1.0 U	< 1.0 U	< 5.0 U	< 0.31 U	< 1.0 U	< 1 U	< 0.58 U	< 1.0 U	< 1.0 U	< 0.31 U	< 1.0 U	< 1 U	< 0.58 U	< 1.0 U	< 200 U	< 0.31 U
1,1,2-Trichloroethane	1	µg/L	< 1.0 U	< 1.0 U	< 5.0 U	< 0.23 U	< 1.0 U	< 1 U	< 0.53 U	< 1.0 U	< 1.0 U	< 0.23 U	< 1.0 U	< 1 U	< 0.53 U	< 1.0 U	< 200 U	< 0.23 U
1,1-Dichloroethane	5	µg/L	< 1.0 U	< 1.0 U	< 5.0 U	< 0.38 U	< 1.0 U	< 1 U	< 0.57 U	< 1.0 U	< 1.0 U	< 0.38 U	< 1.0 U	< 1 U	< 0.57 U	< 1.0 U	< 200 U	< 0.38 U
1,1-Dichloroethene	5	µg/L	< 1.0 U	< 1.0 U	< 5.0 U	< 0.29 U	< 1.0 U	< 1 U	< 0.59 U	< 1.0 U	< 1.0 U	< 0.29 U	< 1.0 U	< 1 U	< 0.59 U	< 1.0 U	< 200 U	< 0.29 U
1,1-Dichloropropene	5	µg/L	< 1.0 U	NA	< 5.0 U	< 0.72 U	NA	NA	NA	NA	< 1.0 U	< 0.72 U	NA	NA	NA	NA	< 200 U	< 0.72 U
1,2,3-Trichlorobenzene	5	µg/L	< 1.0 U	NA	< 5.0 U	< 0.41 U	NA	< 5 U	< 0.5 U	NA	< 1.0 U	< 0.41 U	NA	< 5 U	< 0.5 U	NA	< 200 U	< 0.41 U
1,2,3-Trichloropropane	0.04	µg/L	< 1.0 U	NA	< 5.0 U	< 0.89 U	NA	NA	NA	NA	< 1.0 U	< 0.89 U	NA	NA	NA	NA	< 200 U	< 0.89 U
1,2,4-Trichlorobenzene	5	µg/L	< 1.0 U	< 1.0 U	< 5.0 U	< 0.41 U	< 1.0 U	< 1 U	< 0.5 U	< 1.0 U	< 1.0 U	< 0.41 U	< 1.0 U	< 1 U	< 0.5 U	< 1.0 U	< 200 U	< 0.41 U
1,2,4-Trimethylbenzene	NSL	µg/L	0.82 J	NA	16	< 0.75 U	< 1.0 U	NA	NA	NA	< 1.0 U	< 0.75 U	< 1.0 U	NA	NA	NA	< 200 U	< 0.75 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1.0 U	< 1.0 U	< 5.0 U	< 0.39 U	< 1.0 U	< 5 U	< 0.53 U	< 1.0 U	< 1.0 U	< 0.39 U	< 1.0 U	< 5 U	< 0.53 U	< 1.0 U	< 200 U	< 0.39 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1.0 U	< 1.0 U	< 5.0 U	< 0.73 U	< 1.0 U	< 0.5 U	< 0.48 U	< 1.0 U	< 1.0 U	< 0.73 U	< 1.0 U	< 0.5 U	< 0.48 U</			

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

		Location ID Sample Date Sample Name	GW-9 7/8/2014 GW-19-20140708	K-2 1/10/2012 K-2	K-2 10/14/2015 K-2-20151014	K-2 3/16/2017 K-2 031617	K-2 5/15/2019 K-2 051519-20190515	K-2 5/23/2023 518014-K-2	K-2 8/7/2024 518014-K-2	K-3 1/10/2012 K-3	K-3 10/14/2015 K-3-20151014	K-3 3/16/2017 K-3 031617	K-3 5/13/2019 K-3 051319-20190513	K-3 5/23/2023 518014-K-3	K-3 8/7/2024 518014-K-3	MW-15D 1/10/2012 MW-15D	MW-15D 10/14/2015 MW-15D-20151014	MW-15D 3/15/2017 MW-15D 031517
		Parent Sample ID																
Analyte		NYSDEC AWQS ¹ Unit																
Bromomethane	5	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.69 U	<1.0 U	<2 U	<1.6 U	<1.0 U	<1.0 U	<0.69 U	<1.0 U	<2 U	<1.6 U	<1.0 U	<200 U	<0.69 U
Carbon Disulfide	60	µg/L	0.50 J	<1.0 U	<5.0 U	<0.19 U	<1.0 U	<5 U	<1.8 U	<1.0 U	<1.0 U	<0.19 U	<1.0 U	<5 U	<1.8 U	<1.0 U	<200 U	<0.19 U
Carbon Tetrachloride	5	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.27 U	<1.0 U	<5 U	<0.55 U	<1.0 U	<1.0 U	<0.27 U	<1.0 U	<5 U	<0.55 U	<1.0 U	<200 U	<0.27 U
Chlorobenzene	5	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.75 U	<1.0 U	<1 U	<0.56 U	<1.0 U	<1.0 U	<0.75 U	<1.0 U	<1 U	<0.56 U	<1.0 U	<200 U	<0.75 U
Chloroethane	5	µg/L	<1.0 U	0.67 J	<5.0 U	<0.32 U	<1.0 U	<2 U	<0.73 U	<1.0 U	<1.0 U	<0.32 U	<1.0 U	<2 U	<0.73 U	<1.0 U	<200 U	<0.32 U
Chloroform	7	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.34 U	<1.0 U	<2 U	<0.5 U	<1.0 U	<1.0 U	<0.34 U	<1.0 U	<2 U	<0.5 U	<1.0 U	<200 U	<0.34 U
Chloromethane (Methyl Chloride)	NSL	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.35 U	<1.0 U	<2 U	<0.76 U	<1.0 U	<1.0 U	<0.35 U	<1.0 U	<2 U	<0.76 U	<1.0 U	<200 U	<0.35 U
Cis-1,2-Dichloroethylene	5	µg/L	<1.0 U	4.2	<5.0 U	<0.81 U	<1.0 U	<1 U	1.8	<1.0 U	<1.0 U	<0.81 U	<1.0 U	<1 U	<0.51 U	<1.0 U	<200 U	<0.81 U
Cis-1,3-Dichloropropene	0.4	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.36 U	<1.0 U	<0.5 U	<0.47 U	<1.0 U	<1.0 U	<0.36 U	<1.0 U	<0.5 U	<0.47 U	<1.0 U	<200 U	<0.36 U
Cyclohexane	NSL	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.18 U	<1.0 U	<5 U	<0.78 U	<1.0 U	<1.0 U	<0.18 U	<1.0 U	<5 U	<0.78 U	<1.0 U	<200 U	<0.18 U
Cymene	NSL	µg/L	<1.0 U	NA	3.4 J	<0.31 U	<1.0 U	NA	NA	NA	<1.0 U	<0.31 U	<1.0 U	NA	NA	NA	<200 U	<0.31 U
Dibromochloromethane	50	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.32 U	<1.0 U	<0.5 U	<0.56 U	<1.0 U	<1.0 U	<0.32 U	<1.0 U	<0.5 U	<0.56 U	<1.0 U	<200 U	<0.32 U
Dibromomethane	5	µg/L	<1.0 U	NA	<5.0 U	<0.41 U	NA	NA	NA	NA	<1.0 U	<0.41 U	NA	NA	NA	NA	<200 U	<0.41 U
Dichlorodifluoromethane	5	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.68 U	<1.0 U	<2 U	<0.56 U	<1.0 U	<1.0 U	<0.68 U	<1.0 U	<2 U	<0.56 U	<1.0 U	<200 U	<0.68 U
Ethylbenzene	5	µg/L	<1.0 U	13	7.1	<0.74 U	<1.0 U	0.30 J	9.7	<1.0 U	<1.0 U	<0.74 U	<1.0 U	<1 U	<0.6 U	<1.0 U	<200 U	<0.74 U
Hexachlorobutadiene	0.5	µg/L	<1.0 U	NA	<5.0 U	<0.28 U	NA	NA	NA	NA	<1.0 U	<0.28 U	NA	NA	NA	NA	<200 U	<0.28 U
Iodomethane (Methyl Iodide)	NSL	µg/L	<1.0 U	NA	<5.0 U	<0.30 U	NA	NA	NA	NA	<1.0 U	<0.30 U	NA	NA	NA	NA	<200 U	<0.30 U
Isopropylbenzene (Cumene)	5	µg/L	<1.0 U	2.6	<5.0 U	<0.79 U	<1.0 U	<1 U	4.8	<1.0 U	<1.0 U	<0.79 U	<1.0 U	<1 U	<0.65 U	<1.0 U	<200 U	<0.79 U
Methyl Acetate	NSL	µg/L	<2.5 U	<1.0 U	<13 U	<1.3 U	<5.0 U	<1 U	<0.8 U	<1.0 U	<2.5 U	<1.3 U	<5.0 U	<1 U	<0.8 U	<1.0 U	<500 U	<1.3 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	<10 U	<10 U	7.4 J	<1.3 U	<5.0 U	<20 U	<2.7 U	<10 U	13	<1.3 U	<5.0 U	<20 U	<2.7 U	<10 U	<2000 U	<1.3 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	<5.0 U	<5.0 U	<25 U	<2.1 U	<5.0 U	<10 U	<4.9 U	<5.0 U	<5.0 U	<2.1 U	<5.0 U	<10 U	<4.9 U	<5.0 U	<1000 U	<2.1 U
Methylcyclohexane	NSL	µg/L	<1.0 U	2.3	<5.0 U	<0.16 U	<1.0 U	<1 U	1.9 J	<1.0 U	<1.0 U	<0.16 U	<1.0 U	<1 U	<0.6 U	<1.0 U	<200 U	<0.16 U
Methylene Chloride	5	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.44 U	<1.0 U	<5 U	<1 U	<1.0 U	<1.0 U	<0.44 U	<1.0 U	<5 U	<1 U	<1.0 U	<200 U	<0.44 U
M-P-Xylene	NSL	µg/L	<2.0 U	19	28	<0.66 U	<1.0 U	NA	8	<2.0 U	<2.0 U	<0.66 U	<1.0 U	NA	<0.78 U	<2.0 U	<400 U	<0.66 U
Naphthalene	10	µg/L	1.5	NA	<5.0 U	<0.43 U	<1.0 U	NA	NA	NA	<1.0 U	<0.43 U	<1.0 U	NA	NA	NA	<200 U	<0.43 U
N-Butylbenzene	5	µg/L	<1.0 U	NA	4.6 J	<0.64 U	<1.0 U	NA	NA	NA	<1.0 U	<0.64 U	<1.0 U	NA	NA	NA	<200 U	<0.64 U
N-Propylbenzene	NSL	µg/L	<1.0 U	NA	<5.0 U	<0.69 U	<1.0 U	NA	NA	NA	<1.0 U	<0.69 U	<1.0 U	NA	NA	NA	<200 U	<0.69 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	<1.0 U	24	32	<0.76 U	<1.0 U	NA	31.1	<1.0 U	<1.0 U	<0.76 U	<1.0 U	NA	<0.59 U	<1.0 U	<200 U	<0.76 U
Sec-Butylbenzene	5	µg/L	<1.0 U	NA	<5.0 U	<0.75 U	<1.0 U	NA	NA	NA	<1.0 U	<0.75 U	<1.0 U	NA	NA	NA	<200 U	<0.75 U
Styrene	5	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.73 U	<1.0 U	<1 U	<0.49 U	<1.0 U	<1.0 U	<0.73 U	<1.0 U	<1 U	<0.49 U	<1.0 U	<200 U	<0.73 U
T-Butylbenzene	5	µg/L	<1.0 U	NA	<5.0 U	<0.81 U	<1.0 U	NA	NA	NA	<1.0 U	<0.81 U	<1.0 U	NA	NA	NA	<200 U	<0.81 U
Tert-Butyl Methyl Ether	10	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.16 U	<1.0 U	<1 U	<0.51 U	<1.0 U	<1.0 U	<0.16 U	<1.0 U	<1 U	<0.51 U	<1.0 U	<200 U	<0.16 U
Tetrachloroethylene (PCE)	5	µg/L	<1.0 U	0.64 J	<5.0 U	<0.36 U	<1.0 U	1.3	6.6	0.77 J	0.45 J	<0.36 U	0.63 J	<1 U	<0.56 U	<1.0 U	<200 U	<0.36 U
Toluene	5	µg/L	<1.0 U	0.59 J	<5.0 U	<0.51 U	<1.0 U	<1 U	<0.49 U	<1.0 U	0.59 J	<0.51 U	<1.0 U	<1 U	<0.49 U	<1.0 U	<200 U	<0.51 U
Trans-1,2-Dichloroethene	5	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.90 U	<1.0 U	<1 U	<0.54 U	<1.0 U	<1.0 U	<0.90 U	<1.0 U	<1 U	<0.54 U	<1.0 U	<200 U	<0.90 U
Trans-1,3-Dichloropropene	0.4	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.37 U	<1.0 U	<0.5 U	<0.43 U	<1.0 U	<1.0 U	<0.37 U	<1.0 U	<0.5 U	<0.43 U	<1.0 U	<200 U	<0.37 U
Trichloroethylene (TCE)	5	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.46 U	<1.0 U	0.18 J	0.55 J	<1.0 U	<1.0 U	<0.46 U	<1.0 U	<1 U	<0.53 U	<1.0 U	<200 U	<0.46 U
Trichlorofluoromethane	5	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.88 U	<1.0 U	<2 U	<0.4 U	<1.0 U	<1.0 U	<0.88 U	<1.0 U	<2 U	<0.4 U	<1.0 U	<200 U	<0.88 U
Vinyl Acetate	NSL	µg/L	<5.0 U	NA	<25 U	<0.85 U	NA	NA	NA	NA	<5.0 U	<0.85 U	NA	NA	NA	NA	<1000 U	<0.85 U
Vinyl Chloride	2	µg/L	<1.0 U	<1.0 U	<5.0 U	<0.90 U	<1.0 U	<2 U	<0.52 U	<1.0 U	<1.0 U	<0.90 U	<1.0 U	<2 U	<0.52 U	<1.0 U	<200 U	<0.90 U
Xylenes	5	µg/L	<2.0 U	43	60	<0.66 U	<2.0 U	3.9	39.1	<2.0 U	<2.0 U	<0.66 U	<2.0 U	<1 U	<0.59 U	<2.0 U	<400 U	<0.66 U
Pesticides (SW8081)																		
Alachlor	NSL	µg/L	NA	NA	NA	NA	NA	<0.19 U	NA	NA	NA	NA	NA	<0.19 U	NA	NA	NA	NA
Aldrin	NSL	µg/L	<0.046 U	<0.47 U	<0.51 U	<0.081 U	<0.020 U	<0.047 U	<0.0041 U	<0.24 U	<0.049 U	<0.0081 U	<0.020 U	<0.046 U	<0.0041 U	<0.24 U	<0.057 U	<0.0081 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	0.010 J	<0.47 U	<0.51 U	<0.077 U	<0.020 U	<0.047 U	<0.0042 U	<0.24 U	<0.049 U	0.015 J	<0.020 U	<0.046 U	<0.0042 U	<0.24 U	<0.057 U	<0.0077 U
Alpha Endosulfan	NSL	µg/L	<0.046 U	<0.47 U	<0.51 U	<0.11 U	<0.020 U	<0.047 U	<0.0042 U	<0.24 U	<0.049 U	<0.011 U	<0.020 U	<0.046 U	<0.0042 U	<0.24 U	<0.057 U	<0.011 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	<0.046 U	<0.47 U	<0.51 U	<0.25 U	<0.020 U	<0.047 U	<0.0064 U	<0.24 U	<0.049 U	<0.025 U	<0.020 U	<0.046 U	<0.0064 U	<0.24 U	<0.057 U	<0.025 U
Beta Endosulfan	NSL	µg/L	<0.046 U	<0.47 U	<0.51 U	0.15 J	<0.020 U	<0.075 U	0.13	<0.24 U	<0.049 U	<0.012 U	<0.020 U	<0.074 U	<0.0039 U	<0.24 U	<0.057 U	<0.012 U
Chlordane	0.05	µg/L	NA	NA	NA	NA	NA	25	NA	NA	NA	NA	NA	<0.19 U	NA	NA	NA	NA
Chlordane (Technical)	NSL	µg/L	NA	0.82	NA	NA	NA	NA	NA	<0.24 U	NA	NA	NA	NA	NA	<0.24 U	NA	NA
cis-Chlordane	NSL	µg/L	<0.046 U	<0.47 U	2.8	2	0.021	NA	2.5	<0.24 U	<0.049 U	<0.015 U	<0.020 U	NA	<0.0039 U	<0.24 U	<0.057 U	<0.015 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	<0.046 U	<0.47 U	<0.51 U	0.11 J	<0.020 U	<0.047 U	<0.0053 U	<0.24 U	<0.049 U	0.016 J	<0.020 U	<0.046 U	<0.0053 U	<0.24 U	<0.057 U	0.010 J
Dieldrin	0.004	µg/L	<0.046 U	<0.47 U	<0.51 U	<0.098 U	<0.020 U	<0.0019 U	0.12	<0.24 U	0.0097 J	<0.0098 U	<0.020 U	<0.020 U	<0.0019 U	0.01	<0.24 U	<0.0098 U
Endosulfan Sulfate	NSL	µg/L	0.026 J	<0.47 U	<0.51 U	<0.16 U	<0.020 U	<0.075 U	<0.0044 U	<0.24 U	<0.049 U	<0.016 U	<0.020 U	<0.074 U	<0.0044 U	<0.24 U	<0.057 U	<0.016 U
Endrin	NSL	µg/L	<0.046 U	<0.47 U	<0.51 U	<0.14 U	<0.020 U	<0.075 U	<0.0048 U	<0.24 U	<0.049 U	<0.014 U	<0.020 U	<0.074 U	<0.0048 U	<0.24 U	<0.057 U	<0.014 U
Endrin Aldehyde	5	µg/L	<0.046 U	<0.47 U	<0.51 U	<0.16 U	<0.020 U	<0.075 U	<0.0054 U	<0.24 U	<0.049 U	<0.016 U	<0.020 U	<0.074 U	<0.0054 U	<0.24 U	<0.057 U	<0.016 U
Endrin Ketone	5	µg/L	<0.046 U	<0.47 U	<0.51 U	<0.12 U	<0.020 U	<0.075 U	<0.005 U	<0.24 U	<0.049 U	<0.012 U	<0.020 U	<0.074 U	<0.005 U	<0.24 U	<0.057 U	<0.012 U
Gamma Bhc (Lindane)	NSL	µg/L	<0.046 U	<0.47 U	<0.51 U	<0.080 U	<0.020 U	<0.028 U	<0.0048 U	<0.24 U	<0.049 U	0.011 J	<0.020 U	<0.				

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Analyte	Location ID		GW-9	K-2	K-2	K-2	K-2	K-2	K-2	K-3	K-3	K-3	K-3	K-3	K-3	MW-15D	MW-15D	MW-15D
	Sample Date		7/8/2014	1/10/2012	10/14/2015	3/16/2017	5/15/2019	5/23/2023	8/7/2024	1/10/2012	10/14/2015	3/16/2017	5/13/2019	5/23/2023	8/7/2024	1/10/2012	10/14/2015	3/15/2017
	Sample Name		GW-19-20140708	K-2	K-2-20151014	K-2 031617	K-2 051519-20190515	518014-K-2	518014-K-2	K-3	K-3-20151014	K-3 031617	K-3 051319-20190513	518014-K-3	518014-K-3	MW-15D	MW-15D-20151014	MW-15D 031517
	Parent Sample ID																	
	NYSDEC	Unit																
	AWQS ¹																	
SVOCs (SW8270)																		
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	NA	< 9.3 U	< 0.48 U	NA	NA	NA	NA	< 9.3 U	< 0.48 U	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	< 0.20 U	NA	< 0.19 U	< 0.2 U	NA	NA	< 0.20 U	NA	< 0.19 U	< 0.2 U	NA	NA	< 0.20 U
2,4,5-Trichlorophenol	NSL	µg/L	< 4.6 U	< 4.7 U	< 54 U	< 0.48 U	< 10 U	< 9.3 U	< 0.64 U	< 4.7 U	< 5.1 U	< 0.48 U	< 10 U	< 9.3 U	< 0.64 U	< 4.7 U	< 5.5 U	< 0.48 U
2,4,6-Trichlorophenol	NSL	µg/L	< 4.6 U	< 4.7 U	< 54 U	< 0.61 U	< 10 U	< 9.3 U	< 0.49 U	< 4.7 U	< 5.1 U	< 0.61 U	< 10 U	< 9.3 U	< 0.49 U	< 4.7 U	< 5.5 U	< 0.61 U
2,4-Dichlorophenol	5	µg/L	< 1.9 U	< 4.7 U	< 54 U	< 0.51 U	< 10 U	< 9.3 U	< 0.59 U	< 4.7 U	< 5.1 U	< 0.51 U	< 10 U	< 9.3 U	< 0.59 U	< 4.7 U	< 5.5 U	< 0.51 U
2,4-Dimethylphenol	50	µg/L	< 1.9 U	< 4.7 U	< 54 U	< 0.50 U	< 10 U	< 9.3 U	< 0.52 U	< 4.7 U	< 5.1 U	< 0.50 U	< 10 U	< 9.3 U	< 0.52 U	< 4.7 U	< 5.5 U	< 0.50 U
2,4-Dinitrophenol	10	µg/L	< 37 U	< 9.4 U	< 110 U	< 2.2 U	< 20 U	< 19 U	< 0.67 U	< 9.4 U	< 10 U	< 2.2 U	< 20 U	< 19 U	< 0.67 U	< 9.4 U	< 11 U	< 2.2 U
2,4-Dinitrotoluene	5	µg/L	< 4.6 U	< 4.7 U	< 54 U	< 0.45 U	< 2.0 U	< 9.3 U	< 1.9 U	< 4.7 U	< 5.1 U	< 0.45 U	< 2.0 U	< 9.3 U	< 1.9 U	< 4.7 U	< 5.5 U	< 0.45 U
2,6-Dinitrotoluene	5	µg/L	< 4.6 U	< 4.7 U	< 54 U	< 0.40 U	< 2.0 U	< 9.3 U	< 0.55 U	< 4.7 U	< 5.1 U	< 0.40 U	< 2.0 U	< 9.3 U	< 0.55 U	< 4.7 U	< 5.5 U	< 0.40 U
2-Chloronaphthalene	10	µg/L	< 0.93 U	< 4.7 U	< 54 U	< 0.46 U	< 10 U	< 9.3 U	< 0.56 U	< 4.7 U	< 5.1 U	< 0.46 U	< 10 U	< 9.3 U	< 0.56 U	< 4.7 U	< 5.5 U	< 0.46 U
2-Chlorophenol	1	µg/L	< 0.93 U	< 4.7 U	< 54 U	< 0.53 U	< 10 U	< 9.3 U	< 0.43 U	< 4.7 U	< 5.1 U	< 0.53 U	< 10 U	< 9.3 U	< 0.43 U	< 4.7 U	< 5.5 U	< 0.53 U
2-Methylnaphthalene	NSL	µg/L	< 0.19 U	6.6	< 54 U	< 0.60 U	< 10 U	< 4.6 U	< 0.37 U	< 4.7 U	< 5.1 U	< 0.60 U	< 10 U	< 4.7 U	< 0.37 U	< 4.7 U	< 5.5 U	< 0.60 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 0.93 U	< 4.7 U	< 54 U	< 0.40 U	< 10 U	< 9.3 U	< 0.64 U	< 4.7 U	< 5.1 U	< 0.40 U	< 10 U	< 9.3 U	< 0.64 U	< 4.7 U	< 5.5 U	< 0.40 U
2-Nitroaniline	5	µg/L	< 1.9 U	< 9.4 U	< 110 U	< 0.42 U	< 10 U	< 9.3 U	< 0.47 U	< 9.4 U	< 10 U	< 0.42 U	< 10 U	< 9.3 U	< 0.47 U	< 9.4 U	< 11 U	< 0.42 U
2-Nitrophenol	NSL	µg/L	< 1.9 U	< 4.7 U	< 54 U	< 0.48 U	< 10 U	< 9.3 U	< 0.62 U	< 4.7 U	< 5.1 U	< 0.48 U	< 10 U	< 9.3 U	< 0.62 U	< 4.7 U	< 5.5 U	< 0.48 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	NA	< 9.3 U	< 0.4 U	NA	NA	NA	NA	< 9.3 U	< 0.4 U	NA	NA	NA
3,3'-Dichlorobenzidine	5	µg/L	< 4.6 U	< 4.7 U	< 54 U	< 0.40 U	< 10 U	< 9.3 U	< 1.1 U	< 4.7 U	< 5.1 U	< 0.40 U	< 10 U	< 9.3 U	< 1.1 U	< 4.7 U	< 5.5 U	< 0.40 U
3-Nitroaniline	5	µg/L	< 1.9 U	< 9.4 U	< 110 U	< 0.48 U	< 10 U	< 9.3 U	< 0.64 U	< 9.4 U	< 10 U	< 0.48 U	< 10 U	< 9.3 U	< 0.64 U	< 9.4 U	< 11 U	< 0.48 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 4.6 U	< 9.4 U	< 110 U	< 2.2 U	< 20 U	< 19 U	< 1.5 U	< 9.4 U	< 10 U	< 2.2 U	< 20 U	< 19 U	< 1.5 U	< 9.4 U	< 11 U	< 2.2 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 1.9 U	< 4.7 U	< 54 U	< 0.45 U	< 10 U	< 9.3 U	< 0.55 U	< 4.7 U	< 5.1 U	< 0.45 U	< 10 U	< 9.3 U	< 0.55 U	< 4.7 U	< 5.5 U	< 0.45 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 1.9 U	< 4.7 U	< 54 U	< 0.45 U	< 10 U	< 9.3 U	< 0.53 U	< 4.7 U	< 5.1 U	< 0.45 U	< 10 U	< 9.3 U	< 0.53 U	< 4.7 U	< 5.5 U	< 0.45 U
4-Chloroaniline	5	µg/L	< 1.9 U	< 4.7 U	< 54 U	< 0.59 U	< 10 U	< 9.3 U	< 0.53 U	< 4.7 U	< 5.1 U	< 0.59 U	< 10 U	< 9.3 U	< 0.53 U	< 4.7 U	< 5.5 U	< 0.59 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 1.9 U	< 4.7 U	< 54 U	< 0.35 U	< 10 U	< 9.3 U	< 0.6 U	< 4.7 U	< 5.1 U	< 0.35 U	< 10 U	< 9.3 U	< 0.6 U	< 4.7 U	< 5.5 U	< 0.35 U
4-Methylphenol (P-Cresol)	NSL	µg/L	NA	4.7 J	< 110 U	< 0.36 U	< 10 U	NA	< 1.5 U	< 9.4 U	< 10 U	< 0.36 U	< 10 U	NA	< 1.5 U	< 9.4 U	< 11 U	< 0.36 U
4-Nitroaniline	5	µg/L	< 1.9 U	< 9.4 U	< 110 U	< 0.25 U	< 10 U	< 9.3 U	< 0.75 U	< 9.4 U	< 10 U	< 0.25 U	< 10 U	< 9.3 U	< 0.75 U	< 9.4 U	< 11 U	< 0.25 U
4-Nitrophenol	NSL	µg/L	< 4.6 U	< 9.4 U	< 110 U	< 1.5 U	< 20 U	< 19 U	< 0.45 U	< 9.4 U	< 10 U	< 1.5 U	< 20 U	< 19 U	< 0.45 U	< 9.4 U	< 11 U	< 1.5 U
Acenaphthene	20	µg/L	< 0.19 U	< 4.7 U	< 54 U	< 0.41 U	< 10 U	< 4.6 U	< 0.61 U	< 4.7 U	< 5.1 U	< 0.41 U	< 10 U	< 4.7 U	< 0.61 U	< 4.7 U	< 5.5 U	< 0.41 U
Acenaphthylene	NSL	µg/L	< 0.19 U	< 4.7 U	< 54 U	< 0.38 U	< 10 U	< 4.6 U	< 0.42 U	< 4.7 U	< 5.1 U	< 0.38 U	< 10 U	< 4.7 U	< 0.42 U	< 4.7 U	< 5.5 U	< 0.38 U
Acetophenone	NSL	µg/L	2	26	< 54 U	< 0.54 U	< 10 U	< 9.3 U	< 0.52 U	< 4.7 U	< 5.1 U	< 0.54 U	< 10 U	< 9.3 U	< 0.52 U	< 4.7 U	< 5.5 U	< 0.54 U
Anthracene	50	µg/L	< 0.19 U	< 4.7 U	< 54 U	< 0.28 U	< 10 U	< 4.6 U	< 0.56 U	< 4.7 U	< 5.1 U	< 0.28 U	< 10 U	< 4.7 U	< 0.56 U	< 4.7 U	< 5.5 U	< 0.28 U
Atrazine	NSL	µg/L	< 0.93 U	< 4.7 U	< 54 U	< 0.46 U	< 2.0 U	< 19 U	< 0.72 U	< 4.7 U	< 5.1 U	< 0.46 U	< 2.0 U	< 19 U	< 0.72 U	< 4.7 U	< 5.5 U	< 0.46 U
Benzaldehyde	NSL	µg/L	< 0.93 U	< 4.7 U	< 54 U	< 0.27 U	< 10 U	< 9.3 U	< 0.44 U	< 4.7 U	< 5.1 U	< 0.27 U	< 10 U	< 9.3 U	< 0.44 U	< 4.7 U	1.4 J	< 0.27 U
Benzo(A)Anthracene	0.002	µg/L	< 0.19 U	< 4.7 U	< 54 U	< 0.36 U	< 1.0 U	< 4.6 U	< 0.51 U	< 4.7 U	< 5.1 U	< 0.36 U	< 1.0 U	< 4.7 U	< 0.51 U	< 4.7 U	< 5.5 U	< 0.36 U
Benzo(A)Pyrene	NSL	µg/L	< 0.19 U	< 4.7 U	< 54 U	< 0.47 U	< 1.0 U	< 4.6 U	< 0.63 U	< 4.7 U	< 5.1 U	< 0.47 U	< 1.0 U	< 4.7 U	< 0.63 U	< 4.7 U	< 5.5 U	< 0.47 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.19 U	< 4.7 U	< 54 U	< 0.34 U	< 2.0 U	< 4.6 U	< 0.57 U	< 4.7 U	< 5.1 U	< 0.34 U	< 2.0 U	< 4.7 U	< 0.57 U	< 4.7 U	< 5.5 U	< 0.34 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.19 U	< 4.7 U	< 54 U	< 0.35 U	< 10 U	< 4.6 U	< 0.64 U	< 4.7 U	< 5.1 U	< 0.35 U	< 10 U	< 4.7 U	< 0.64 U	< 4.7 U	< 5.5 U	< 0.35 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.19 U	< 4.7 U	< 54 U	< 0.73 U	< 1.0 U	< 4.6 U	< 0.48 U	< 4.7 U	< 5.1 U	< 0.73 U	< 1.0 U	< 4.7 U	< 0.48 U	< 4.7 U	< 5.5 U	< 0.73 U
Benzyl Butyl Phthalate	50	µg/L	0.39 J	< 4.7 U	< 54 U	< 1.0 U	< 10 U	< 9.3 U	< 0.86 U	< 4.7 U	< 5.1 U	< 1.0 U	< 10 U	< 9.3 U	< 0.86 U	< 4.7 U	< 5.5 U	< 1.0 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 0.93 U	0.79 J	< 54 U	< 0.65 U	< 10 U	< 19 U	< 0.59 U	< 4.7 U	< 5.1 U	< 0.65 U	< 10 U	< 19 U	< 0.59 U	< 4.7 U	< 5.5 U	< 0.65 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 0.93 U	< 4.7 U	< 54 U	< 0.35 U	< 10 U	< 9.3 U	< 0.46 U	< 4.7 U	< 5.1 U	< 0.35 U	< 10 U	< 9.3 U	< 0.46 U	< 4.7 U	< 5.5 U	< 0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 0.93 U	< 4.7 U	< 54 U	< 0.40 U	< 1.0 U	< 9.3 U	< 0.43 U	< 4.7 U	< 5.1 U	< 0.40 U	< 1.0 U	< 9.3 U	< 0.43 U	< 4.7 U	< 5.5 U	< 0.40 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 0.93 U	< 4.7 U	< 54 U	< 0.52 U	< 10 U	< 9.3 U	< 0.5 U	< 4.7 U	< 5.1 U	< 0.52 U	< 10 U	< 9.3 U	< 0.5 U	< 4.7 U	< 5.5 U	< 0.52 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	20	< 4.7 U	< 54 U	< 2.2 U	< 2.0 U	< 9.3 U	< 1.3 U	< 4.7 U	< 5.1 U	< 2.2 U	< 2.0 U	< 9.3 U	1.3 J	< 4.7 U	< 5.5 U	< 2.2 U
Caprolactam	NSL	µg/L	1.7 J	< 4.7 U	< 54 U	< 2.2 U	< 10 U	< 9.3 U	< 0.35 U	< 4.7 U	< 5.1 U	< 2.2 U	< 10 U	< 9.3 U	< 0.35 U	< 4.7 U	< 5.5 U	< 2.2 U
Carbazole	NSL	µg/L	< 0.93 U	< 4.7 U	< 54 U	< 0.30 U	< 10 U	< 9.3 U	< 0.58 U	< 4.7 U	< 5.1 U	< 0.30 U	< 10 U	<				

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-15D 5/15/2019 MW-15D 051519-20190515	MW-15D 5/24/2023 518014-MW-15D	MW-15D 8/7/2024 518014-MW-15D	MW-15D 1/30/2025	MW-15S 1/10/2012 MW-15S	MW-15S 10/14/2015 MW-15S-20151014	MW-15S 3/15/2017 MW-15S 031517	MW-15S 5/13/2019 MW-15S 051319-20190513	MW-15S 5/23/2023 518014-MW-15S	MW-15S 8/7/2024 518014-MW-15S	MW-15S 1/2/2025	MW-16D 10/14/2015 MW-16D-20151014	MW-16D 10/15/2015 MW-16D-20151015	MW-16D 3/17/2017 MW-16D 031717	MW-16D 5/15/2019 MW-16D 051519-20190515	MW-16D 5/24/2023 518014-MW-16D	MW-16D 8/7/2024 518014-MW-16D
Analyte	NYSDEC AWQS ¹	Unit																	
PFAS (E537/E1633)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	< 3.7 U	< 1.7 U		NA	NA	NA	NA	< 3.6 U	< 1.7 U	NA	NA	NA	NA	NA	< 3.6 U	< 1.7 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	< 17 U	< 3.7 U	< 1.4 U		NA	NA	NA	< 85 U	< 3.6 U	< 1.4 U	NA	NA	NA	NA	< 17 U	< 3.6 U	< 1.4 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	< 3.7 U	< 2.1 U		NA	NA	NA	NA	< 3.6 U	< 2.1 U	NA	NA	NA	NA	NA	< 3.6 U	< 2.2 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	< 17 U	< 3.7 U	< 0.85 U		NA	NA	NA	< 85 U	< 3.6 U	< 0.85 U	NA	NA	NA	NA	< 17 U	2.5 J	< 0.87 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	< 46 U	< 6.6 U		NA	NA	NA	NA	< 45 U	< 6.6 U	NA	NA	NA	NA	NA	< 45 U	< 6.8 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	< 46 U	< 5.8 U		NA	NA	NA	NA	< 45 U	< 5.8 U	NA	NA	NA	NA	NA	< 45 U	< 5.9 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	< 9.2 U	< 2.3 U		NA	NA	NA	NA	< 9.1 U	< 2.3 U	NA	NA	NA	NA	NA	< 9 U	< 2.3 U
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	< 3.7 U	< 1.1 U		NA	NA	NA	NA	< 3.6 U	< 1.1 U	NA	NA	NA	NA	NA	< 3.6 U	< 1.2 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	< 3.7 U	< 2.3 U		NA	NA	NA	NA	< 3.6 U	< 2.3 U	NA	NA	NA	NA	NA	< 3.6 U	< 2.3 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	< 3.7 U	< 1.7 U		NA	NA	NA	NA	< 3.6 U	< 1.7 U	NA	NA	NA	NA	NA	< 3.6 U	< 1.7 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	< 0.92 U	< 0.49 U		NA	NA	NA	NA	< 0.91 U	< 0.49 U	NA	NA	NA	NA	NA	< 0.9 U	< 0.51 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	< 17 U	< 0.92 U	< 0.85 U		NA	NA	NA	16 J	4.1	3.2	NA	NA	NA	NA	< 17 UJ	< 0.9 U	< 0.87 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	< 9.2 U	< 3.5 U		NA	NA	NA	NA	< 9.1 U	< 3.5 U	NA	NA	NA	NA	NA	< 9 U	< 3.6 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	< 0.92 U	< 0.60 U		NA	NA	NA	NA	< 0.91 U	< 0.60 U	NA	NA	NA	NA	NA	< 0.9 U	< 0.61 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 17 UJ	< 0.92 U	< 0.48 U		NA	NA	NA	< 85 UJ	< 0.91 U	< 0.48 U	NA	NA	NA	NA	< 17 UJ	< 0.9 U	< 0.49 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	< 9.2 U	< 2.6 U		NA	NA	NA	NA	< 9.1 U	< 2.6 U	NA	NA	NA	NA	NA	< 9 U	< 2.7 U
Nonafluoro-3,6-dioxahепtanoic acid (NFDHA)	NSL	ng/L	NA	< 1.8 U	< 1.2 U		NA	NA	NA	NA	< 1.8 U	< 1.2 U	NA	NA	NA	NA	NA	< 1.8 U	< 1.2 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NSL	ng/L	NA	< 1.8 U	< 0.25 U		NA	NA	NA	NA	< 1.8 U	< 0.25 U	NA	NA	NA	NA	NA	< 1.8 U	< 0.26 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	< 1.8 U	< 0.28 U		NA	NA	NA	NA	< 1.8 U	< 0.28 U	NA	NA	NA	NA	NA	< 1.8 UJ	< 0.29 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	< 1.8 U	< 0.52 U		NA	NA	NA	NA	< 1.8 U	< 0.52 U	NA	NA	NA	NA	NA	< 1.8 U	< 0.54 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	< 1.7 U	< 0.92 U	< 0.62 U		NA	NA	1.8 J	< 8.5 U	1.5	1.4 J	NA	NA	NA	< 0.92 U	< 1.7 UJ	0.57 J	1.3 J
Perfluorobutanoic Acid	NSL	ng/L	1.8	1.7 R	< 0.87 U		NA	NA	NA	< 8.5 UJ	1.7 J	3.2 J	NA	NA	NA	NA	< 1.7 UJ	< 3.6 U	< 0.89 U
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 1.7 U	< 0.92 U	< 1.0 U		NA	NA	NA	< 8.5 U	< 0.91 U	< 1.0 U	NA	NA	NA	NA	< 1.7 U	< 0.9 U	< 1.0 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	< 1.7 U	< 0.92 U	< 0.58 U		NA	NA	NA	< 8.5 U	0.69 J	0.61 J	NA	NA	NA	NA	< 1.7 U	< 0.9 U	< 0.59 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	< 0.92 U	< 0.37 U		NA	NA	NA	NA	< 0.91 U	< 0.37 U	NA	NA	NA	NA	NA	< 0.9 U	< 0.38 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	< 1.7 U	< 0.92 U	< 0.72 U		NA	NA	NA	< 8.5 U	< 0.91 U	< 0.72 U	NA	NA	NA	NA	< 1.7 UJ	< 0.9 U	< 0.74 U
Perfluorohепtanesulfonic acid (PFHpS)	NSL	ng/L	< 1.7 U	< 0.92 U	< 0.91 U		NA	NA	NA	< 8.5 U	< 0.91 U	< 0.91 U	NA	NA	NA	NA	< 1.7 U	< 0.9 U	< 0.94 U
Perfluorohепtanoic acid (PFHpA)	NSL	ng/L	< 1.7 U	< 0.92 U	< 0.47 U		NA	NA	4.6	< 8.5 U	1.3	0.97 J	NA	NA	NA	< 0.80 U	1.0 J	0.59 J	1.3 J
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	< 1.7 UJ	< 0.92 U	< 1.0 U		NA	NA	2.9	< 8.5 U	0.90 J	1.1 J	NA	NA	NA	< 0.87 U	< 1.7 UJ	0.33 J	< 1.1 U
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	< 1.7 U	< 0.92 U	< 0.27 U		NA	NA	NA	< 8.5 U	1	1.1 J	NA	NA	NA	NA	0.94 J	0.81 J	< 0.28 U
Perfluoronananesulfonic acid (PFNS)	NSL	ng/L	NA	< 0.92 U	< 1.3 U		NA	NA	NA	NA	< 0.91 U	< 1.3 U	NA	NA	NA	NA	NA	< 0.9 U	< 1.4 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	< 1.7 U	< 0.92 U	0.40 J		NA	NA	0.75 J	< 8.5 U	0.68 J	0.61 J	NA	NA	NA	< 0.65 U	0.48 J	< 0.9 U	0.61 J
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	< 1.7 U	1.2	< 0.64 U		NA	NA	NA	< 8.5 U	0.56 J	0.79 J	NA	NA	NA	NA	< 1.7 U	< 0.9 U	< 0.66 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	< 1.7 UJ	< 0.92 U	< 0.40 U		NA	NA	140	26	61	70	NA	NA	NA	NA	< 1.3 UJ	0.77 J	1.8 J
Perfluorooctanoic acid (PFOA)	6.7	ng/L	2.1	< 0.92 U	1.4 J		NA	NA	11	5.8 J	5.2	4.1	NA	NA	NA	NA	6.1 J	2.9	7.7
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	< 0.92 U	< 0.94 U		NA	NA	NA	NA	0.26 J	< 0.94 U	NA	NA	NA	NA	NA	< 0.9 U	< 0.97 U
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	< 1.7 U	< 1.8 U	< 0.68 U		NA	NA	NA	2.8 J	< 1.8 U	< 0.68 U	NA	NA	NA	NA	0.60 J	< 1.8 U	< 0.70 U
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	< 1.7 UJ	< 0.92 U	< 0.71 U		NA	NA	NA	< 8.5 U	< 0.91 U	< 0.71 U	NA	NA	NA	NA	< 1.7 UJ	< 0.9 U	< 0.73 U
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	< 1.7 U	< 0.92 U	< 0.74 U		NA	NA	NA	< 8.5 U	< 0.91 U	< 0.74 U	NA	NA	NA	NA	< 1.7 U	< 0.9 U	< 0.76 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	< 1.7 U	< 0.92 U	< 0.51 U		NA	NA	NA	< 8.5 U	< 0.91 U	< 0.51 U	NA	NA	NA	NA	< 1.7 U	< 0.9 U	< 0.53 U
VOCs (SW8260)																			
1,1,1,2-Tetrachloroethane	5	µg/L	NA	NA	NA		NA	< 5.0 U	< 0.35 U	NA	NA	NA	NA	< 1.0 U	NA	< 0.35 U	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1.0 U	< 1 U	< 0.54 U		< 1.0 U	< 5.0 U	< 0.82 U	< 1.0 U	< 1 U	< 0.54 U	NA	< 1.0 U	NA	< 0.82 U	< 1.0 U	< 1 U	< 0.54 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 0.5 U	< 0.65 U		< 1.0 U	< 5.0 U	< 0.21 U	< 1.0 U	< 0.5 U	< 0.65 U	NA	< 1.0 U	NA	< 0.21 U	< 1.0 U	< 0.5 U	< 0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1.0 U	< 1 U	< 0.58 U		< 1.0 U	< 5.0 U	< 0.31 U	< 1.0 U	< 1 U	< 0.58 U	NA	< 1.0 U	NA	< 0.31 U	< 1.0 U	< 1 U	< 0.58 U
1,1,2-Trichloroethane	1	µg/L	< 1.0 U	< 1 U	< 0.53 U		< 1.0 U	< 5.0 U	< 0.23 U	< 1.0 U	< 1 U	< 0.53 U	NA	< 1.0 U	NA	< 0.23 U	< 1.0 U	< 1 U	< 0.53 U
1,1-Dichloroethane	5	µg/L	< 1.0 U	< 1 U	< 0.57 U		< 1.0 U	< 5.0 U	< 0.38 U	< 1.0 U	< 1 U	< 0.57 U	NA	< 1.0 U	NA	< 0.38 U	<		

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-15D 5/15/2019 MW-15D 051519-20190515	MW-15D 5/24/2023 518014-MW-15D	MW-15D 8/7/2024 518014-MW-15D	MW-15D 1/30/2025	MW-15S 1/10/2012 MW-15S	MW-15S 10/14/2015 MW-15S-20151014	MW-15S 3/15/2017 MW-15S 031517	MW-15S 5/13/2019 MW-15S 051319-20190513	MW-15S 5/23/2023 518014-MW-15S	MW-15S 8/7/2024 518014-MW-15S	MW-15S 1/2/2025	MW-16D 10/14/2015 MW-16D-20151014	MW-16D 10/15/2015 MW-16D-20151015	MW-16D 3/17/2017 MW-16D 031717	MW-16D 5/15/2019 MW-16D 051519-20190515	MW-16D 5/24/2023 518014-MW-16D	MW-16D 8/7/2024 518014-MW-16D
Analyte	NYSDEC AWQS ¹	Unit																	
Bromomethane	5	µg/L	< 1.0 U	< 2 U	< 1.6 U		< 1.0 U	< 5.0 U	< 0.69 U	< 1.0 U	< 2 U	< 1.6 U	NA	< 1.0 U	NA	< 0.69 U	< 1.0 U	< 2 U	< 1.6 U
Carbon Disulfide	60	µg/L	< 1.0 U	< 5 U	< 1.8 U		< 1.0 U	< 5.0 U	0.20 J	< 1.0 U	< 5 U	< 1.8 U	NA	< 1.0 U	NA	< 0.19 U	< 1.0 U	< 5 U	< 1.8 U
Carbon Tetrachloride	5	µg/L	< 1.0 U	< 5 U	< 0.55 U		< 1.0 U	< 5.0 U	< 0.27 U	< 1.0 U	< 5 U	< 0.55 U	NA	< 1.0 U	NA	< 0.27 U	< 1.0 U	< 5 U	< 0.55 U
Chlorobenzene	5	µg/L	< 1.0 U	< 1 U	< 0.56 U		< 1.0 U	< 5.0 U	< 0.75 U	< 1.0 U	< 1 U	< 0.56 U	NA	< 1.0 U	NA	< 0.75 U	< 1.0 U	< 1 U	< 0.56 U
Chloroethane	5	µg/L	< 1.0 U	< 2 U	< 0.73 U		< 1.0 U	< 5.0 U	< 0.32 U	< 1.0 U	< 2 U	< 0.73 U	NA	< 1.0 U	NA	< 0.32 U	< 1.0 U	< 2 U	< 0.73 U
Chloroform	7	µg/L	< 1.0 U	< 2 U	< 0.5 U		< 1.0 U	< 5.0 U	< 0.34 U	< 1.0 U	< 2 U	< 0.5 U	NA	< 1.0 U	NA	< 0.34 U	< 1.0 U	< 2 U	< 0.5 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 1.0 U	< 2 U	< 0.76 U		< 1.0 U	< 5.0 U	< 0.35 U	< 1.0 U	< 2 U	< 0.76 U	NA	< 1.0 U	NA	< 0.35 U	< 1.0 U	< 2 U	< 0.76 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1.0 U	< 1 U	< 0.51 U		< 1.0 U	< 5.0 U	< 0.81 U	< 1.0 U	< 1 U	< 0.51 U	NA	< 1.0 U	NA	< 0.81 U	< 1.0 U	< 1 U	< 0.51 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 0.5 U	< 0.47 U		< 1.0 U	< 5.0 U	< 0.36 U	< 1.0 U	< 0.5 U	< 0.47 U	NA	< 1.0 U	NA	< 0.36 U	< 1.0 U	< 0.5 U	< 0.47 U
Cyclohexane	NSL	µg/L	< 1.0 U	< 5 U	< 0.78 U		< 1.0 U	< 5.0 U	< 0.18 U	< 1.0 U	< 5 U	< 0.78 U	NA	< 1.0 U	NA	< 0.18 U	< 1.0 U	< 5 U	< 0.78 U
Cymene	NSL	µg/L	< 1.0 U	NA	NA		NA	2.6 J	0.51 J	< 1.0 U	NA	NA	NA	< 1.0 U	NA	< 0.31 U	< 1.0 U	NA	NA
Dibromochloromethane	50	µg/L	< 1.0 U	< 0.5 U	< 0.56 U		< 1.0 U	< 5.0 U	< 0.32 U	< 1.0 U	< 0.5 U	< 0.56 U	NA	< 1.0 U	NA	< 0.32 U	< 1.0 U	< 0.5 U	< 0.56 U
Dibromomethane	5	µg/L	NA	NA	NA		NA	< 5.0 U	< 0.41 U	NA	NA	NA	NA	< 1.0 U	NA	< 0.41 U	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	< 1.0 U	< 2 U	< 0.56 U		< 1.0 U	< 5.0 U	< 0.68 U	< 1.0 U	< 2 U	< 0.56 U	NA	< 1.0 U	NA	< 0.68 U	< 1.0 U	< 2 U	< 0.56 U
Ethylbenzene	5	µg/L	< 1.0 U	< 1 U	< 0.6 U		< 1.0 U	< 5.0 U	< 0.74 U	< 1.0 U	< 1 U	< 0.6 U	NA	< 1.0 U	NA	< 0.74 U	< 1.0 U	< 1 U	< 0.6 U
Hexachlorobutadiene	0.5	µg/L	NA	NA	NA		NA	< 5.0 U	< 0.28 U	NA	NA	NA	NA	< 1.0 U	NA	< 0.28 U	NA	NA	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	NA	NA	NA		NA	< 5.0 U	< 0.30 U	NA	NA	NA	NA	< 1.0 U	NA	< 0.30 U	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 1.0 U	< 1 U	< 0.65 U		< 1.0 U	< 5.0 U	< 0.79 U	< 1.0 U	< 1 U	< 0.65 U	NA	< 1.0 U	NA	< 0.79 U	< 1.0 U	< 1 U	< 0.65 U
Methyl Acetate	NSL	µg/L	< 5.0 U	< 1 U	< 0.8 U		< 1.0 U	< 13 U	< 1.3 U	< 5.0 U	< 1 U	< 0.8 U	NA	< 2.5 U	NA	< 1.3 U	< 5.0 U	< 1 U	< 0.8 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5.0 U	< 20 U	< 2.7 U		< 10 U	< 50 U	< 1.3 U	< 5.0 U	< 20 U	< 2.7 U	NA	1.4 J	NA	< 1.3 U	< 5.0 U	< 20 U	< 2.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5.0 U	< 10 U	< 4.9 U		< 5.0 U	< 25 U	< 2.1 U	< 5.0 U	< 10 U	< 4.9 U	NA	< 5.0 U	NA	< 2.1 U	< 5.0 U	< 10 U	< 4.9 U
Methylcyclohexane	NSL	µg/L	< 1.0 U	< 1 U	< 0.6 U		2.6	< 5.0 U	0.47 J	< 1.0 U	< 1 U	< 0.6 U	NA	< 1.0 U	NA	< 0.6 U	< 1.0 U	< 1 U	< 0.6 U
Methylene Chloride	5	µg/L	< 1.0 U	< 5 U	< 1 U		< 1.0 U	< 5.0 U	< 0.44 U	< 1.0 U	< 5 U	< 1 U	NA	< 1.0 U	NA	< 0.44 U	< 1.0 U	< 5 U	< 1 U
M-P-Xylene	NSL	µg/L	< 1.0 U	NA	< 0.78 U		< 2.0 U	< 10 U	< 0.66 U	< 1.0 U	NA	< 0.78 U	NA	< 1.0 U	NA	< 0.66 U	< 1.0 U	NA	< 0.78 U
Naphthalene	10	µg/L	< 1.0 U	NA	NA		NA	< 5.0 U	< 0.43 U	< 1.0 U	NA	NA	NA	< 1.0 U	NA	< 0.43 U	< 1.0 U	NA	NA
N-Butylbenzene	5	µg/L	< 1.0 U	NA	NA		NA	< 5.0 U	< 0.64 U	< 1.0 U	NA	NA	NA	< 1.0 U	NA	< 0.64 U	< 1.0 U	NA	NA
N-Propylbenzene	NSL	µg/L	< 1.0 U	NA	NA		NA	< 5.0 U	< 0.69 U	< 1.0 U	NA	NA	NA	< 1.0 U	NA	< 0.69 U	< 1.0 U	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1.0 U	NA	< 0.59 U		1	< 5.0 U	< 0.76 U	< 1.0 U	NA	< 0.59 U	NA	< 1.0 U	NA	< 0.76 U	< 1.0 U	NA	< 0.59 U
Sec-Butylbenzene	5	µg/L	< 1.0 U	NA	NA		NA	< 5.0 U	< 0.75 U	< 1.0 U	NA	NA	NA	< 1.0 U	NA	< 0.75 U	< 1.0 U	NA	NA
Styrene	5	µg/L	< 1.0 U	< 1 U	< 0.49 U		< 1.0 U	< 5.0 U	< 0.73 U	< 1.0 U	< 1 U	< 0.49 U	NA	< 1.0 U	NA	< 0.73 U	< 1.0 U	< 1 U	< 0.49 U
T-Butylbenzene	5	µg/L	< 1.0 U	NA	NA		NA	< 5.0 U	< 0.81 U	< 1.0 U	NA	NA	NA	< 1.0 U	NA	< 0.81 U	< 1.0 U	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 1.0 U	< 1 U	< 0.51 U		< 1.0 U	< 5.0 U	< 0.16 U	< 1.0 U	< 1 U	< 0.51 U	NA	< 1.0 U	NA	< 0.16 U	< 1.0 U	< 1 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 1.0 U	< 1 U	< 0.56 U		0.90 J	< 5.0 U	< 0.36 U	< 1.0 U	< 1 U	< 0.56 U	NA	< 1.0 U	NA	< 0.36 U	< 1.0 U	< 1 U	< 0.56 U
Toluene	5	µg/L	< 1.0 U	< 1 U	0.66 J		2	< 5.0 U	< 0.51 U	< 1.0 U	< 1 U	< 0.49 U	NA	< 1.0 U	NA	< 0.51 U	< 1.0 U	< 1 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	< 1.0 U	< 1 U	< 0.54 U		< 1.0 U	< 5.0 U	< 0.90 U	< 1.0 U	< 1 U	< 0.54 U	NA	< 1.0 U	NA	< 0.90 U	< 1.0 U	< 1 U	< 0.54 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 0.5 U	< 0.43 U		< 1.0 U	< 5.0 U	< 0.37 U	< 1.0 U	< 0.5 U	< 0.43 U	NA	< 1.0 U	NA	< 0.37 U	< 1.0 U	< 0.5 U	< 0.43 U
Trichloroethylene (TCE)	5	µg/L	< 1.0 U	< 1 U	< 0.53 U		< 1.0 U	< 5.0 U	< 0.46 U	< 1.0 U	< 1 U	< 0.53 U	NA	< 1.0 U	NA	< 0.46 U	< 1.0 U	< 1 U	< 0.53 U
Trichlorofluoromethane	5	µg/L	< 1.0 U	< 2 U	< 0.4 U		< 1.0 U	< 5.0 U	< 0.88 U	< 1.0 U	< 2 U	< 0.4 U	NA	< 1.0 U	NA	< 0.88 U	< 1.0 U	< 2 U	< 0.4 U
Vinyl Acetate	NSL	µg/L	NA	NA	NA		NA	< 25 U	< 0.85 U	NA	NA	NA	NA	< 5.0 U	NA	< 0.85 U	NA	NA	NA
Vinyl Chloride	2	µg/L	< 1.0 U	< 2 U	< 0.52 U		< 1.0 U	< 5.0 U	< 0.90 U	< 1.0 U	< 2 U	< 0.52 U	NA	< 1.0 U	NA	< 0.90 U	< 1.0 U	< 2 U	< 0.52 U
Xylenes	5	µg/L	< 2.0 U	< 1 U	< 0.59 U		1.0 J	< 10 U	< 0.66 U	< 2.0 U	< 1 U	< 0.59 U	NA	< 2.0 U	NA	< 0.66 U	< 2.0 U	< 1 U	< 0.59 U
Pesticides (SW8081)																			
Alachlor	NSL	µg/L	NA	< 0.19 U	NA		NA	NA	NA	NA	< 0.18 U	NA	NA	NA	NA	NA	NA	< 0.19 U	NA
Aldrin	NSL	µg/L	< 0.020 U	< 0.048 U	< 0.0041 U		< 0.24 U	< 0.055 U	< 0.0081 U	< 0.020 U	< 0.045 U	< 0.0041 U	NA	NA	< 0.050 U	< 0.0081 U	< 0.020 U	< 0.048 U	< 0.0041 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	< 0.020 U	< 0.048 U	< 0.0042 U		< 0.24 U	0.0089 J	< 0.0077 U	< 0.020 U	< 0.045 U	< 0.0042 U	NA	NA	< 0.050 U	< 0.0077 U	< 0.020 U	< 0.048 U	< 0.0042 U
Alpha Endosulfan	NSL	µg/L	< 0.020 U	< 0.048 U	< 0.0042 U		< 0.24 U	< 0.055 U	< 0.011 U	< 0.020 U	< 0.045 U	0.1	NA	NA	< 0.050 U	< 0.011 U	< 0.020 U	< 0.048 U	< 0.0042 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.020 U	< 0.048 U	< 0.0064 U		< 0.24 U	< 0.055 U	< 0.025 U	< 0.020 U	< 0.045 U	0.01	NA	NA	< 0.050 U	< 0.025 U	< 0.020 U	< 0.048 U	< 0.0064 U
Beta Endosulfan	NSL	µg/L	< 0.020 U	< 0.076 U	< 0.0039 U		< 0.24 U	< 0.055 U	< 0.012 U	< 0.020 U	< 0.072 U	< 0.0039 U	NA	NA	< 0.050 U	< 0.012 U	< 0.020 U	< 0.077 U	< 0.0039 U
Chlordane	0.05	µg/L	NA	< 0.19 U	NA		NA	NA	NA	NA	4.7	NA	NA	NA	NA	NA	NA	< 0.19 U	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA		0.22 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	< 0.020 U	NA	< 0.0039 U		< 0.24 U	0.66	0.33	0.17	NA	0.6	NA	NA	0.036 J	< 0.015 U	< 0.020 U	NA	< 0.0039 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	< 0.020 U	< 0.048 U	< 0.0053 U		< 0.24 U	< 0.055 U	< 0.010 U	< 0.020 U	< 0.045 U	< 0.0053 U	NA	NA	< 0.050 U	< 0.010 U	< 0.020 U	< 0.048 U	< 0.0053 U
Dieldrin	0.004	µg/L	< 0.020 U	< 0.0019 U	< 0.0061 U		< 0.24 U	0.012 J	< 0.0098 U	< 0.020 U	< 0.0018 U	< 0.0061 U	NA	NA	< 0.050 U	< 0.0098 U	< 0.020 U	< 0.0019 U	< 0.0061 U
Endosulfan Sulfate	NSL	µg/L	< 0.020 U	< 0.076 U	< 0.0044 U		< 0.24 U	< 0.055 U	< 0.016 U	< 0.020 U	< 0.072 U	< 0.0044 U	NA	NA	< 0.050 U	< 0.016 U	< 0.020 U	< 0.077 U	< 0.0044 U
Endrin	NSL	µg/L	< 0.020 U	< 0.076 U	< 0.0048 U		< 0.24 U	0.033 J	< 0.014 U	< 0.020 U	< 0.072 U	< 0.0048 U	NA	NA	< 0.050 U	< 0.014 U	< 0.020 U	< 0.077 U	< 0.0048 U
Endrin Aldehyde	5	µg/L	< 0.020 U	< 0.076 U	< 0.0054 U		< 0.24 U	< 0.055 U	< 0.016 U	< 0.020 U	< 0.072 U	< 0.0054 U	NA	NA	0.017 J	< 0.016 U	< 0.020 U	< 0.077 U	< 0.0054 U
Endrin Ketone	5	µg/L	< 0.020 U	< 0.076 U	< 0.005 U		< 0.24 U	0.050 J	< 0.012 U	&									

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-15D 5/15/2019 MW-15D 051519-20190515	MW-15D 5/24/2023 518014-MW-15D	MW-15D 8/7/2024 518014-MW-15D	MW-15D 1/30/2025	MW-15S 1/10/2012 MW-15S	MW-15S 10/14/2015 MW-15S-20151014	MW-15S 3/15/2017 MW-15S 031517	MW-15S 5/13/2019 MW-15S 051319-20190513	MW-15S 5/23/2023 518014-MW-15S	MW-15S 8/7/2024 518014-MW-15S	MW-15S 1/2/2025	MW-16D 10/14/2015 MW-16D-20151014	MW-16D 10/15/2015 MW-16D-20151015	MW-16D 3/17/2017 MW-16D 031717	MW-16D 5/15/2019 MW-16D 051519-20190515	MW-16D 5/24/2023 518014-MW-16D	MW-16D 8/7/2024 518014-MW-16D
Analyte	NYSDEC AWQS ¹	Unit																	
SVOCs (SW8270)																			
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	< 9.3 U	< 0.48 U	< 0.48 U	NA	NA	NA	NA	< 9.1 U	< 2.4 U	< 0.48 U	NA	NA	NA	NA	< 10 U	< 0.48 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	< 0.19 U	< 0.2 U	< 0.2 U	NA	NA	< 0.20 U	NA	< 0.2 U	< 1 U	< 0.2 U	NA	NA	< 0.20 U	NA	< 0.19 U	< 0.2 U
2,4,5-Trichlorophenol	NSL	µg/L	< 10 U	< 9.3 U	< 0.64 U	< 0.49 U	< 4.7 U	< 26 U	< 0.48 U	< 10 U	< 9.1 U	< 3.2 U	< 0.49 U	< 5.4 U	NA	< 0.48 U	< 10 U	< 10 U	< 0.64 U
2,4,6-Trichlorophenol	NSL	µg/L	< 10 U	< 9.3 U	< 0.49 U	< 0.59 U	< 4.7 U	< 26 U	< 0.61 U	< 10 U	< 9.1 U	< 2.4 U	< 0.59 U	< 5.4 U	NA	< 0.61 U	< 10 U	< 10 U	< 0.49 U
2,4-Dichlorophenol	5	µg/L	< 10 U	< 9.3 U	< 0.59 U	< 0.52 U	< 4.7 U	< 26 U	< 0.51 U	< 10 U	< 9.1 U	< 3 U	< 0.52 U	< 5.4 U	NA	< 0.51 U	< 10 U	< 10 U	< 0.59 U
2,4-Dimethylphenol	50	µg/L	< 10 U	< 9.3 U	< 0.52 U	< 0.67 U	< 4.7 U	< 26 U	< 0.50 U	< 10 U	< 9.1 U	< 2.6 U	< 0.67 U	< 5.4 U	NA	< 0.50 U	< 10 U	< 10 U	< 0.52 U
2,4-Dinitrophenol	10	µg/L	< 20 U	< 9.3 U	< 0.67 U	< 1.9 U	< 9.4 U	< 52 U	< 2.2 U	< 20 U	< 9.1 U	< 3.4 U	< 1.9 U	< 11 U	NA	< 2.2 U	< 20 U	< 10 U	< 0.67 U
2,4-Dinitrotoluene	5	µg/L	< 2.0 U	< 9.3 U	< 1.9 U	< 0.55 U	< 4.7 U	< 26 U	< 0.45 U	< 2.0 U	< 9.1 U	< 9.3 U	< 0.55 U	< 5.4 U	NA	< 0.45 U	< 2.0 U	< 10 U	< 1.9 U
2,6-Dinitrotoluene	5	µg/L	< 2.0 U	< 9.3 U	< 0.55 U	< 0.56 U	< 4.7 U	< 26 U	< 0.40 U	< 2.0 U	< 9.1 U	< 2.7 U	< 0.56 U	< 5.4 U	NA	< 0.40 U	< 2.0 U	< 10 U	< 0.55 U
2-Chloronaphthalene	10	µg/L	< 10 U	< 9.3 U	< 0.56 U	< 0.43 U	< 4.7 U	< 26 U	< 0.46 U	< 10 U	< 9.1 U	< 2.8 U	< 0.43 U	< 5.4 U	NA	< 0.46 U	< 10 U	< 10 U	< 0.56 U
2-Chlorophenol	1	µg/L	< 10 U	< 9.3 U	< 0.43 U	< 0.37 U	< 4.7 U	< 26 U	< 0.53 U	< 10 U	< 9.1 U	< 2.2 U	< 0.37 U	< 5.4 U	NA	< 0.53 U	< 10 U	< 10 U	< 0.43 U
2-Methylnaphthalene	NSL	µg/L	< 10 U	< 4.7 U	< 0.37 U	< 0.64 U	< 4.7 U	< 26 U	< 0.60 U	< 10 U	< 9.1 U	< 1.8 U	< 0.64 U	< 5.4 U	NA	< 0.60 U	< 10 U	< 5 U	< 0.37 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 10 U	< 9.3 U	< 0.64 U	< 0.47 U	< 4.7 U	< 26 U	< 0.40 U	< 10 U	< 9.1 U	< 3.2 U	< 0.47 U	< 5.4 U	NA	< 0.40 U	< 10 U	< 10 U	< 0.64 U
2-Nitroaniline	5	µg/L	< 10 U	< 9.3 U	< 0.47 U	< 0.62 U	< 9.4 U	< 52 U	< 0.42 U	< 10 U	< 9.1 U	< 2.3 U	< 0.62 U	< 11 U	NA	< 0.42 U	< 10 U	< 10 U	< 0.47 U
2-Nitrophenol	NSL	µg/L	< 10 U	< 9.3 U	< 0.62 U	< 0.4 U	< 4.7 U	< 26 U	< 0.48 U	< 10 U	< 9.1 U	< 3.1 U	< 0.4 U	< 5.4 U	NA	< 0.48 U	< 10 U	< 10 U	< 0.62 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	< 9.3 U	< 0.4 U	NA	NA	NA	NA	NA	< 9.1 U	< 2 U	NA	NA	NA	NA	NA	< 10 U	< 0.4 U
3,3'-Dichlorobenzidine	5	µg/L	< 10 U	< 9.3 U	< 1.1 U	< 1.1 U	< 4.7 U	< 26 U	< 0.40 U	< 10 U	< 9.1 U	< 5.5 U	< 1.1 U	< 5.4 U	NA	< 0.40 U	< 10 U	< 10 U	< 1.1 U
3-Nitroaniline	5	µg/L	< 10 U	< 9.3 U	< 0.64 U	< 0.64 U	< 9.4 U	< 52 U	< 0.48 U	< 10 U	< 9.1 U	< 3.2 U	< 0.64 U	< 11 U	NA	< 0.48 U	< 10 U	< 10 U	< 0.64 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 20 U	< 19 U	< 1.5 U	< 1.5 U	< 9.4 U	< 52 U	< 2.2 U	< 20 U	< 18 U	< 7.6 U	< 1.5 U	< 11 U	NA	< 2.2 U	< 20 U	< 20 U	< 1.5 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 10 U	< 9.3 U	< 0.55 U	< 0.55 U	< 4.7 U	< 26 U	< 0.45 U	< 10 U	< 9.1 U	< 2.7 U	< 0.55 U	< 5.4 U	NA	< 0.45 U	< 10 U	< 10 U	< 0.55 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 10 U	< 9.3 U	< 0.53 U	< 0.53 U	< 4.7 U	< 26 U	< 0.45 U	< 10 U	< 9.1 U	< 2.6 U	< 0.53 U	< 5.4 U	NA	< 0.45 U	< 10 U	< 10 U	< 0.53 U
4-Chloroaniline	5	µg/L	< 10 U	< 9.3 U	< 0.53 U	< 0.53 U	< 4.7 U	< 26 U	< 0.59 U	< 10 U	< 9.1 U	< 2.7 U	< 0.53 U	< 5.4 U	NA	< 0.59 U	< 10 U	< 10 U	< 0.53 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 10 U	< 9.3 U	< 0.6 U	< 0.6 U	< 4.7 U	< 26 U	< 0.35 U	< 10 U	< 9.1 U	< 3 U	< 0.6 U	< 5.4 U	NA	< 0.35 U	< 10 U	< 10 U	< 0.6 U
4-Methylphenol (P-Cresol)	NSL	µg/L	< 10 U	NA	< 1.5 U	< 1.5 U	< 9.4 U	4.4 J	< 0.36 U	< 10 U	NA	< 7.4 U	< 1.5 U	< 11 U	NA	< 0.36 U	< 10 U	NA	< 1.5 U
4-Nitroaniline	5	µg/L	< 10 U	< 9.3 U	< 0.75 U	< 0.75 U	< 9.4 U	< 52 U	< 0.25 U	< 10 U	< 9.1 U	< 3.7 U	< 0.75 U	< 11 U	NA	< 0.25 U	< 10 U	< 10 U	< 0.75 U
4-Nitrophenol	NSL	µg/L	< 20 U	< 9.3 U	< 0.45 U	< 0.45 U	< 9.4 U	< 52 U	< 1.5 U	< 20 U	< 9.1 U	< 2.3 U	< 0.45 U	< 11 U	NA	< 1.5 U	< 20 U	< 10 U	< 0.45 U
Acenaphthene	20	µg/L	< 10 U	< 4.7 U	< 0.61 U	< 0.61 U	< 4.7 U	< 26 U	< 0.41 U	< 10 U	< 4.5 U	< 3.1 U	< 0.61 U	< 5.4 U	NA	< 0.41 U	< 10 U	< 5 U	< 0.61 U
Acenaphthylene	NSL	µg/L	< 10 U	< 4.7 U	< 0.42 U	< 0.42 U	< 4.7 U	< 26 U	< 0.38 U	< 10 U	< 4.5 U	< 2.1 U	< 0.42 U	< 5.4 U	NA	< 0.38 U	< 10 U	< 5 U	< 0.42 U
Acetophenone	NSL	µg/L	< 10 U	< 9.3 U	< 0.52 U	< 0.52 U	73	< 26 U	< 0.54 U	2.2 J	< 9.1 U	< 2.6 U	< 0.52 U	< 5.4 U	NA	< 0.54 U	< 10 U	< 10 U	< 0.52 U
Anthracene	50	µg/L	< 10 U	< 4.7 U	< 0.56 U	< 0.56 U	< 4.7 U	< 26 U	< 0.28 U	< 10 U	< 4.5 U	< 2.8 U	< 0.56 U	< 5.4 U	NA	< 0.28 U	< 10 U	< 5 U	< 0.56 U
Atrazine	NSL	µg/L	< 2.0 U	< 19 U	< 0.72 U	< 0.72 U	< 4.7 U	< 26 U	< 0.46 U	< 2.0 U	< 18 U	< 3.6 U	< 0.72 U	< 5.4 U	NA	< 0.46 U	< 2.0 U	< 20 U	< 0.72 U
Benzaldehyde	NSL	µg/L	< 10 U	< 9.3 U	< 0.44 U	< 0.44 U	< 4.7 U	< 26 U	< 0.27 U	< 10 U	< 9.1 U	< 2.2 U	< 0.44 U	1.3 J	NA	< 0.27 U	< 10 U	< 10 U	< 0.44 U
Benzo(A)Anthracene	0.002	µg/L	< 1.0 U	< 4.7 U	< 0.51 U	< 0.51 U	< 4.7 U	< 26 U	< 0.36 U	< 1.0 U	< 4.5 U	< 2.6 U	< 0.51 U	< 5.4 U	NA	< 0.36 U	< 1.0 U	< 5 U	< 0.51 U
Benzo(A)Pyrene	NSL	µg/L	< 1.0 U	< 4.7 U	< 0.63 U	< 0.63 U	< 4.7 U	< 26 U	< 0.47 U	< 1.0 U	< 4.5 U	< 3.1 U	< 0.63 U	< 5.4 U	NA	< 0.47 U	< 1.0 U	< 5 U	< 0.63 U
Benzo(B)Fluoranthene	0.002	µg/L	< 2.0 U	< 4.7 U	< 0.57 U	< 0.57 U	< 4.7 U	< 26 U	< 0.34 U	< 2.0 U	< 4.5 U	< 2.8 U	< 0.57 U	< 5.4 U	NA	< 0.34 U	< 2.0 U	< 5 U	< 0.57 U
Benzo(G,H)Perylene	NSL	µg/L	< 10 U	< 4.7 U	< 0.64 U	< 0.64 U	< 4.7 U	< 26 U	< 0.35 U	< 10 U	< 4.5 U	< 3.2 U	< 0.64 U	< 5.4 U	NA	< 0.35 U	< 10 U	< 5 U	< 0.64 U
Benzo(K)Fluoranthene	0.002	µg/L	< 1.0 U	< 4.7 U	< 0.48 U	< 0.48 U	< 4.7 U	< 26 U	< 0.73 U	< 1.0 U	< 4.5 U	< 2.4 U	< 0.48 U	< 5.4 U	NA	< 0.73 U	< 1.0 U	< 5 U	< 0.48 U
Benzyl Butyl Phthalate	50	µg/L	< 10 U	< 9.3 U	< 0.86 U	< 0.86 U	< 4.7 U	< 26 U	< 1.0 U	< 10 U	< 9.1 U	< 4.3 U	< 0.86 U	< 5.4 U	NA	< 1.0 U	< 10 U	< 10 U	< 0.86 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 10 U	< 19 U	< 0.59 U	< 0.59 U	< 4.7 U	< 26 U	< 0.65 U	< 10 U	< 18.								

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-17 10/14/2015 MW-17-20151014	MW-17 12/8/2015 MW-17 120815-20151208	MW-17 12/8/2015 DUP-1 120815-20151208 MW-17 120815-20151208	MW-17 3/8/2016 MW-17 030816-20160308	MW-17 5/31/2016 MW-17 053116	MW-17 5/31/2016 DUP1-053116 MW-17 053116	MW-17 9/14/2016 MW-17 091416	MW-17 9/14/2016 DUP-1 091416 MW-17 091416	MW-17 12/6/2016 MW-17 12016	MW-17 12/6/2016 DUP-1 12016 MW-17 12016-20161206	MW-17 3/15/2017 MW-17 031517	MW-17 6/13/2017 MW-17 061317
Analyte	NYSDEC AWQS ¹	Unit												
PFAS (E537/E1633)														
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxahепtanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.92 U	< 2.0 U
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	12
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7 J	< 2.0 U
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	2.5
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170	260
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27	18
Perfluoropentanesulfonic acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCS (SW8260)														
1,1,1,2-Tetrachloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.5 U	< 3.5 U	< 7.0 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 0.70 U	< 4.0 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.2 U	< 8.2 U	< 16 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U	< 1.6 U	< 4.0 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 2.1 U	< 2.1 U	< 4.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 0.42 U	< 4.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.1 U	< 3.1 U	< 6.2 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 0.62 U	< 4.0 U
1,1,2-Trichloroethane	1	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 2.3 U	< 2.3 U	< 4.6 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 0.46 U	< 4.0 U
1,1-Dichloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.8 U	< 3.8 U	< 7.6 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 0.76 U	< 4.0 U
1,1-Dichloroethene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 2.9 U	< 2.9 U	< 5.8 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 0.58 U	< 4.0 U
1,1-Dichloropropene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 7.2 U	< 7.2 U	< 14 U	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U	< 1.4 U	< 4.0 U
1,2,3-Trichlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 4.1 U	< 4.1 U	< 8.2 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 0.82 U	< 4.0 U
1,2,3-Trichloropropane	0.04	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.9 U	< 8.9 U	< 18 U	< 4.5 U	< 4.5 U	< 4.5 U	< 4.5 U	< 1.8 U	< 4.0 U
1,2,4-Trichlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 4.1 U	< 4.1 U	< 8.2 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 0.82 U	< 4.0 U
1,2,4-Trimethylbenzene	NSL	µg/L	220	< 5.0 U	< 5.0 U	61	170	200	87	100	200	200	92	160
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.9 U	< 3.9 U	< 7.8 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 0.78 U	< 4.0 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 7.3 U	< 7.3 U	< 15 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.5 U	< 4.0 U
1,2-Dichlorobenzene	3	µg/L	28	15	14	< 7.9 U	14	< 16 U	11	12	15	15	7.3	14
1,2-Dichloroethane	0.6	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 2.1 U	< 2.1 U	< 4.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 0.42 U	< 4.0 U
1,2-Dichloropropane	1	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 7.2 U	< 7.2 U	< 14 U	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U	< 1.4 U	< 4.0 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	140	< 5.0 U	< 5.0 U	54	100	120	37	51	85	83	40	72
1,3-Dichlorobenzene	3	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 7.8 U	< 7.8 U	< 16 U	< 3.9 U	< 3.9 U	< 3.9 U	< 3.9 U	< 1.6 U	< 4.0 U
1,3-Dichloropropane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 7.5 U	< 7.5 U	< 15 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 1.5 U	< 4.0 U
1,4-Dichlorobenzene	3	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.4 U	< 8.4 U	< 17 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U	< 1.7 U	< 4.0 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20 U	NA
2,2-Dichloropropane	NSL	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 4.0 U	< 4.0 U	< 8.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 0.80 U	< 4.0 U
2-Chlorotoluene	NSL	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.6 U	< 8.6 U	< 17 U	< 4.3 U	< 4.3 U	< 4.3 U	< 4.3 U	< 1.7 U	< 4.0 U
2-Hexanone	50	µg/L	< 25 U	< 25 U	< 25 U	< 12 U	< 12 U	< 25 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 2.5 U	< 20 U
4-Chlorotoluene	NSL	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.4 U	< 8.4 U	< 17 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U	< 1.7 U	< 4.0 U
Acetone	1	µg/L	< 50 U	25 J	24 J	< 30 U	< 30 U	< 60 U	< 15 U	< 15 U	< 15 U	< 15 U	15 J	< 40 U
Benzene	1	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 4.1 U	< 4.1 U	< 8.2 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 0.82 U	< 4.0 U
Bromobenzene	NSL	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.0 U	< 8.0 U	< 16 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 1.6 U	< 4.0 U
Bromochloromethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.7 U	< 8.7 U	< 17 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 1.7 U	< 4.0 U
Bromodichloromethane	50	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.9 U	< 3.9 U	< 7.8 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 0.78 U	< 4.0 U
Bromoform	50	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 2.6 U	< 2.6 U	< 5.2 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 0.52 U	< 4.0 U

Notes:
(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated, biased high
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-17 10/14/2015 MW-17-20151014	MW-17 12/8/2015 MW-17 120815-20151208	MW-17 12/8/2015 DUP-1 120815-20151208 MW-17 120815-20151208	MW-17 3/8/2016 030816-20160308	MW-17 5/31/2016 MW-17 053116	MW-17 5/31/2016 DUP1-053116 MW-17 053116	MW-17 9/14/2016 MW-17 091416	MW-17 9/14/2016 DUP-1 091416 MW-17 091416	MW-17 12/6/2016 MW-17 12016	MW-17 12/6/2016 DUP-1 12016 MW-17 12016-20161206	MW-17 3/15/2017 MW-17 031517	MW-17 6/13/2017 MW-17 061317
Analyte	NYSDEC AWQS ¹	Unit												
Bromomethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 6.9 U	< 6.9 U	< 14 U	< 3.5 U	< 3.5 U	< 3.5 U	< 3.5 U	< 1.4 U	< 4.0 U
Carbon Disulfide	60	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	2.7 J	4.4 J	< 3.8 U	1.3 J	2.3 J	1.6 J	< 0.95 U	0.65 J	< 4.0 U
Carbon Tetrachloride	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 2.7 U	< 2.7 U	< 5.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 0.54 U	< 4.0 U
Chlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 7.5 U	< 7.5 U	< 15 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 1.5 U	< 4.0 U
Chloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.2 U	< 3.2 U	< 6.4 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 0.64 U	< 4.0 U
Chloroform	7	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.4 U	< 3.4 U	< 6.8 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 0.68 U	< 4.0 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 5.0 U	7	7	< 3.5 U	< 3.5 U	< 7.0 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 0.70 U	< 4.0 U
Cis-1,2-Dichloroethylene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.1 U	< 8.1 U	< 16 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U	< 1.6 U	< 4.0 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.6 U	< 3.6 U	< 7.2 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 0.72 U	< 4.0 U
Cyclohexane	NSL	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 1.8 U	< 1.8 U	< 3.6 U	< 0.90 U	< 0.90 U	< 0.90 U	< 0.90 U	< 0.36 U	< 4.0 U
Cymene	NSL	µg/L	28	< 5.0 U	< 5.0 U	6.6 J	19	25	9.7	12	18	19	8.3	14
Dibromochloromethane	50	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.2 U	< 3.2 U	< 6.4 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 0.64 U	< 4.0 U
Dibromomethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 4.1 U	< 4.1 U	< 8.2 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 0.82 U	< 4.0 U
Dichlorodifluoromethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 6.8 U	< 6.8 U	< 14 U	< 3.4 U	< 3.4 U	< 3.4 U	< 3.4 U	< 1.4 U	< 4.0 U
Ethylbenzene	5	µg/L	4.0 J	< 5.0 U	< 5.0 U	< 7.4 U	< 7.4 U	< 15 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.5 U	< 4.0 U
Hexachlorobutadiene	0.5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 2.8 U	< 2.8 U	< 5.6 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 0.56 U	< 4.0 U
Iodomethane (Methyl Iodide)	NSL	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.0 U	< 3.0 U	< 6.0 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 0.60 U	< 4.0 U
Isopropylbenzene (Cumene)	5	µg/L	9.1	< 5.0 U	< 5.0 U	< 7.9 U	< 7.9 U	< 16 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	4.4 J	2.5
Methyl Acetate	NSL	µg/L	< 13 U	< 13 U	< 13 U	< 13 U	< 13 U	< 26 U	< 6.5 U	< 6.5 U	< 6.5 U	< 6.5 U	< 2.6 U	< 10 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 50 U	< 50 U	< 50 U	< 13 U	< 13 U	< 26 U	< 6.6 U	< 6.6 U	9.2 J	< 6.6 U	< 2.6 U	< 40 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 25 U	< 25 U	< 25 U	< 21 U	< 21 U	< 42 U	< 11 U	< 11 U	< 11 U	< 11 U	< 4.2 U	< 20 U
Methylcyclohexane	NSL	µg/L	4.8 J	< 5.0 U	< 5.0 U	< 1.6 U	< 1.6 U	< 3.2 U	< 0.80 U	3.0 J	1.2 J	< 0.80 U	0.93 J	1.2 J
Methylene Chloride	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	5.7 J	< 4.4 U	< 8.8 U	< 2.2 U	< 2.2 U	< 2.2 U	< 2.2 U	< 0.88 U	2.1 J
M-P-Xylene	NSL	µg/L	21	< 10 U	< 10 U	< 6.6 U	< 6.6 U	< 13 U	3.3 J	4.0 J	11	12	6.8	12
Naphthalene	10	µg/L	32	< 5.0 U	< 5.0 U	6.9 J	26	27	11	12	26	24	11	19
N-Butylbenzene	5	µg/L	36	< 5.0 U	< 5.0 U	< 6.4 U	22	27	12	10	7.5	23	9.4	16
N-Propylbenzene	NSL	µg/L	16	< 5.0 U	< 5.0 U	< 6.9 U	< 6.9 U	< 14 U	4.8 J	6.2	7.9	7.9	4.5	6.5
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	32	23	7.8	11	23	25	5.6	5.6	21	23	11	21
Sec-Butylbenzene	5	µg/L	16	< 5.0 U	< 5.0 U	< 7.5 U	7.9 J	< 15 U	5.3	7.8	8.3	9.4	4.1	7
Styrene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 7.3 U	< 7.3 U	< 15 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.5 U	< 4.0 U
T-Butylbenzene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.1 U	< 8.1 U	< 16 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U	< 1.6 U	< 4.0 U
Tert-Butyl Methyl Ether	10	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 1.6 U	< 1.6 U	< 3.2 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.32 U	< 4.0 U
Tetrachloroethylene (PCE)	5	µg/L	4.6 J	4.1 J	3.6 J	< 3.6 U	< 3.6 U	< 7.2 U	3.0 J	4.3 J	2.5 J	< 1.8 U	1.7 J	3.2 J
Toluene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 5.1 U	< 5.1 U	< 10 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	< 1.0 U	< 4.0 U
Trans-1,2-Dichloroethene	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 9.0 U	< 9.0 U	< 18 U	< 4.5 U	< 4.5 U	< 4.5 U	< 4.5 U	< 1.8 U	< 4.0 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 3.7 U	< 3.7 U	< 7.4 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 0.74 U	< 4.0 U
Trichloroethylene (TCE)	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 4.6 U	< 4.6 U	< 9.2 U	< 2.3 U	< 2.3 U	< 2.3 U	< 2.3 U	< 0.92 U	< 4.0 U
Trichlorofluoromethane	5	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 8.8 U	< 8.8 U	< 18 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 1.8 U	< 4.0 U
Vinyl Acetate	NSL	µg/L	< 25 U	< 25 U	< 25 U	< 8.5 U	< 8.5 U	< 17 U	< 4.3 U	< 4.3 U	< 4.3 U	< 4.3 U	< 1.7 U	< 20 U
Vinyl Chloride	2	µg/L	< 5.0 U	< 5.0 U	< 5.0 U	< 9.0 U	< 9.0 U	< 18 U	< 4.5 U	< 4.5 U	< 4.5 U	< 4.5 U	< 1.8 U	< 4.0 U
Xylenes	5	µg/L	53	8.2 J	7.8 J	11 J	23	25 J	8.9 J	9.6 J	32	35	18	33
Pesticides (SW8081)														
Alachlor	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NSL	µg/L	0.035 J	0.14 J	0.16 J	< 0.079 U	< 0.041 U	< 0.0074 U	0.064 J	0.059 J	0.089 J	0.073 J	0.12 J	0.038 J
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	< 0.10 U	0.086 J	0.084 J	< 0.075 U	< 0.039 U	< 0.0070 U	< 0.037 U	< 0.035 U	< 0.036 U	< 0.038 U	< 0.077 U	< 0.10 U
Alpha Endosulfan	NSL	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.11 U	< 0.056 U	< 0.010 U	< 0.053 U	< 0.050 U	< 0.051 U	< 0.054 U	< 0.11 U	< 0.10 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.24 U	< 0.13 U	< 0.023 U	< 0.12 U	< 0.11 U	< 0.11 U	< 0.12 U	< 0.25 U	< 0.10 U
Beta Endosulfan	NSL	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.12 U	< 0.061 U	< 0.011 U	< 0.058 U	< 0.055 U	< 0.056 U	< 0.059 U	< 0.12 U	< 0.10 U
Chlordane	0.05	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	0.098 J	< 0.46 U	< 0.48 U	< 0.14 U	< 0.075 U	< 0.014 U	< 0.071 U	< 0.068 U	< 0.068 U	< 0.073 U	< 0.15 U	0.091 J
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	0.045 J	0.25 J	0.26 J	0.16 J	< 0.051 U	< 0.0091 U	< 0.048 U	< 0.046 U	< 0.046 U	< 0.049 U	< 0.10 U	< 0.10 U
Dieldrin	0.004	µg/L	< 0.10 U	0.13 J	0.13 J	< 0.096 U	< 0.050 U	< 0.0090 U	< 0.047 U	< 0.045 U	< 0.045 U	< 0.048 U	< 0.098 U	< 0.10 U
Endosulfan Sulfate	NSL	µg/L	< 0.10 U	0.27 J	< 0.48 U	< 0.15 U	< 0.080 U	< 0.014 U	< 0.076 U	< 0.072 U	< 0.073 U	< 0.077 U	< 0.16 U	< 0.10 U
Endrin	NSL	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.14 U	< 0.070 U	< 0.013 U	< 0.067 U	< 0.063 U	< 0.064 U	< 0.068 U	< 0.14 U	< 0.10 U
Endrin Aldehyde	5	µg/L	0.042 J	< 0.46 U	< 0.48 U	< 0.16 U	< 0.083 U	< 0.015 U	< 0.079 U	< 0.075 U	< 0.075 U	< 0.080 U	< 0.16 U	< 0.10 U
Endrin Ketone	5	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.12 U	< 0.061 U	< 0.011 U	< 0.058 U	< 0.055 U	< 0.056 U	< 0.059 U	< 0.12 U	< 0.10 U
Gamma Bhc (Lindane)	NSL	µg/L	0.023 J	0.12 J	0.12 J	0.11 J	< 0.041 U	< 0.0073 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.080 U	0.049 J
Heptachlor	0.04	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.083 U	< 0.043 U	< 0.0078 U	< 0.041 U	< 0.039 U	< 0.039 U	< 0.042 U	< 0.085 U	0.073 J
Heptachlor Epoxide	0.03	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.072 U	< 0.037 U	< 0.0068 U	< 0.036 U	< 0.034 U	< 0.034 U	< 0.036 U	< 0.074 U	< 0.10 U
Hexachlorobenzene	0.04	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	35	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.14 U	< 0.071 U	< 0.013 U	< 0.068 U	< 0.065 U	< 0.065 U	< 0.069 U	< 0.14 U	< 0.10 U
P,P'-DDD	0.3	µg/L	< 0.10 U	< 0.46 U	0.13 J	< 0.090 U	< 0.047 U	< 0.0084 U	< 0.044 U	< 0.042 U	< 0.043 U	< 0.045 U	< 0.092 U	< 0.10 U
P,P'-DDE	0.2	µg/L	0.035 J	< 0.46 U	0.13 J	< 0.11 U	< 0.059 U	< 0.011 U	< 0.056 U	< 0.053 U	< 0.054 U	< 0.057 U	< 0.12 U	< 0.10 U
P,P'-DDT	0.2	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.11 U	< 0.056 U	< 0.010 U	< 0.053 U	< 0.050 U	< 0.051 U	< 0.054 U	< 0.11 U	< 0.10 U
Toxaphene	0.06	µg/L	< 1.0 U	< 4.6 U	< 4.8 U	< 1.2 U	< 0.61 U	< 0.11 U	< 0.58 U	< 0.55 U	< 0.56 U	< 0.59 U	< 1.2 U	< 1.0 U
trans-Chlordane	NSL	µg/L	< 0.10 U	< 0.46 U	< 0.48 U	< 0.11 U	< 0.056 U	0.017 J	0.055 J	0.060 J	< 0.051 U	< 0.054 U	< 0.11 U	< 0.10 U

Notes:
(1) NYSDDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated, biased high
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL - No screening level available
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-17 10/14/2015 MW-17-20151014	MW-17 12/8/2015 MW-17 120815-20151208	MW-17 12/8/2015 DUP-1 120815-20151208 MW-17 120815-20151208	MW-17 3/8/2016 030816-20160308	MW-17 5/31/2016 5/31-053116	MW-17 5/31/2016 DUP1-053116 MW-17 053116	MW-17 9/14/2016 MW-17 091416	MW-17 9/14/2016 DUP-1 091416 MW-17 091416	MW-17 12/6/2016 MW-17 12016	MW-17 12/6/2016 DUP-1 12016 MW-17 12016-20161206	MW-17 3/15/2017 MW-17 031517	MW-17 6/13/2017 MW-17 061317
Analyte	NYSDEC AWQS ¹	Unit												
SVOCs (SW8270)														
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20 U	NA
2,4,5-Trichlorophenol	NSL	µg/L	< 52 U	0.56 J	0.59 J	< 0.45 U	< 0.47 U	< 0.45 U	< 0.47 U	< 0.45 U	< 2.3 U	< 2.4 U	< 0.48 U	< 25 U
2,4,6-Trichlorophenol	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.58 U	< 0.60 U	< 0.57 U	< 0.59 U	< 0.57 U	< 2.9 U	< 3.0 U	< 0.61 U	< 25 U
2,4-Dichlorophenol	5	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.48 U	< 0.50 U	< 0.48 U	< 0.50 U	< 0.48 U	< 2.4 U	< 2.5 U	< 0.51 U	< 25 U
2,4-Dimethylphenol	50	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.47 U	< 0.49 U	< 0.47 U	< 0.49 U	0.76 J	< 2.4 U	< 2.5 U	< 0.50 U	< 25 U
2,4-Dinitrophenol	10	µg/L	< 100 U	< 9.5 U	< 9.6 U	< 2.1 U	< 2.2 U	< 2.1 U	< 2.2 U	< 2.1 U	< 10 U	< 11 U	< 2.2 U	< 50 U
2,4-Dinitrotoluene	5	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.42 U	< 0.44 U	< 0.42 U	< 0.44 U	< 0.42 U	< 2.1 U	< 2.2 U	< 0.45 U	< 25 U
2,6-Dinitrotoluene	5	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.38 U	< 0.39 U	< 0.37 U	< 0.39 U	< 0.37 U	< 1.9 U	< 2.0 U	< 0.40 U	< 25 U
2-Chloronaphthalene	10	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.43 U	< 0.45 U	< 0.43 U	< 0.45 U	< 0.43 U	< 2.2 U	< 2.3 U	< 0.46 U	< 25 U
2-Chlorophenol	1	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.50 U	< 0.52 U	< 0.50 U	< 0.52 U	< 0.50 U	< 2.5 U	< 2.6 U	< 0.53 U	< 25 U
2-Methylnaphthalene	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.57 U	0.69 J	< 0.56 U	< 0.58 U	< 0.56 U	< 2.8 U	< 3.0 U	< 0.60 U	< 25 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.38 U	< 0.39 U	< 0.37 U	< 0.39 U	< 0.37 U	< 1.9 U	< 2.0 U	< 0.40 U	< 25 U
2-Nitroaniline	5	µg/L	< 100 U	< 9.5 U	< 9.6 U	< 0.40 U	< 0.41 U	< 0.39 U	< 0.41 U	< 0.39 U	< 2.0 U	< 2.1 U	< 0.42 U	< 50 U
2-Nitrophenol	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.45 U	< 0.47 U	< 0.45 U	< 0.47 U	< 0.45 U	< 2.3 U	< 2.4 U	< 0.48 U	< 25 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	5	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.38 U	< 0.39 U	< 0.37 U	< 0.39 U	< 0.37 U	< 1.9 U	< 2.0 U	< 0.40 U	< 25 U
3-Nitroaniline	5	µg/L	< 100 U	< 9.5 U	< 9.6 U	< 0.45 U	< 0.47 U	< 0.45 U	< 0.47 U	< 0.45 U	< 2.3 U	< 2.4 U	< 0.48 U	< 50 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 100 U	< 9.5 U	< 9.6 U	< 2.1 U	< 2.2 U	< 2.1 U	< 2.1 U	< 2.1 U	< 10 U	< 11 U	< 2.2 U	< 50 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.42 U	< 0.44 U	< 0.42 U	< 0.44 U	< 0.42 U	< 2.1 U	< 2.2 U	< 0.45 U	< 25 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.42 U	< 0.44 U	< 0.42 U	< 0.44 U	< 0.42 U	< 2.1 U	< 2.2 U	< 0.45 U	< 25 U
4-Chloroaniline	5	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.56 U	< 0.58 U	< 0.55 U	< 0.57 U	< 0.55 U	< 2.8 U	< 2.9 U	< 0.59 U	< 25 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.33 U	< 0.35 U	< 0.33 U	< 0.34 U	< 0.33 U	< 1.6 U	< 1.7 U	< 0.35 U	< 25 U
4-Methylphenol (P-Cresol)	NSL	µg/L	< 100 U	0.66 J	0.62 J	7.4 J	6.7 J	5.0 J	< 0.35 U	0.47 J	9.0 J	7.0 J	2.1 J	2.1 J
4-Nitroaniline	5	µg/L	< 100 U	< 9.5 U	< 9.6 U	< 0.24 U	< 0.25 U	< 0.23 U	< 0.24 U	< 0.23 U	< 1.2 U	< 1.2 U	< 0.25 U	< 50 U
4-Nitrophenol	NSL	µg/L	< 100 U	< 9.5 U	< 9.6 U	< 1.4 U	< 1.5 U	< 1.4 U	< 1.5 U	< 1.4 U	< 7.2 U	< 7.6 U	< 1.5 U	< 50 U
Acenaphthene	20	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.39 U	< 0.40 U	< 0.38 U	< 0.40 U	< 0.38 U	< 1.9 U	< 2.0 U	< 0.41 U	< 25 U
Acenaphthylene	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.36 U	< 0.37 U	< 0.36 U	< 0.37 U	< 0.36 U	< 1.8 U	< 1.9 U	< 0.38 U	< 25 U
Acetophenone	NSL	µg/L	< 52 U	27	26	< 0.51 U	< 0.53 U	< 0.51 U	< 0.53 U	< 0.51 U	< 2.5 U	< 2.7 U	< 0.54 U	< 25 U
Anthracene	50	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.27 U	< 0.26 U	< 1.3 U	< 1.4 U	< 0.28 U	< 25 U
Atrazine	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.43 U	< 0.45 U	< 0.43 U	< 0.45 U	< 0.43 U	< 2.2 U	< 2.3 U	< 0.46 U	< 25 U
Benzaldehyde	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.25 U	< 0.26 U	< 0.25 U	< 0.26 U	< 0.25 U	< 1.3 U	< 1.3 U	< 0.27 U	< 25 U
Benzo(A)Anthracene	0.002	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.34 U	< 0.36 U	< 0.34 U	< 0.35 U	< 0.34 U	< 1.7 U	< 1.8 U	< 0.36 U	< 25 U
Benzo(A)Pyrene	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.44 U	< 0.46 U	< 0.44 U	< 0.46 U	< 0.44 U	< 2.2 U	< 2.3 U	< 0.47 U	< 25 U
Benzo(B)Fluoranthene	0.002	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.32 U	< 0.34 U	< 0.32 U	< 0.33 U	< 0.32 U	< 1.6 U	< 1.7 U	< 0.34 U	< 25 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.33 U	< 0.35 U	< 0.33 U	< 0.34 U	< 0.33 U	< 1.6 U	< 1.7 U	< 0.35 U	< 25 U
Benzo(K)Fluoranthene	0.002	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.69 U	< 0.72 U	< 0.68 U	< 0.71 U	< 0.68 U	< 3.4 U	< 3.6 U	< 0.73 U	< 25 U
Benzyl Butyl Phthalate	50	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.40 U	< 0.99 U	< 0.94 U	< 0.97 U	< 0.94 U	< 4.7 U	< 5.0 U	< 1.0 U	< 25 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.62 U	< 0.64 U	< 0.61 U	< 0.64 U	< 0.61 U	< 3.1 U	< 3.3 U	< 0.65 U	< 25 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.33 U	< 0.35 U	< 0.33 U	< 0.34 U	< 0.33 U	< 1.6 U	< 1.7 U	< 0.35 U	< 25 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.38 U	< 0.39 U	< 0.37 U	< 0.39 U	< 0.37 U	< 1.9 U	< 2.0 U	< 0.40 U	< 25 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.49 U	< 0.51 U	< 0.49 U	< 0.51 U	< 0.49 U	< 2.4 U	< 2.6 U	< 0.52 U	< 25 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 1.7 U	< 2.2 U	< 2.1 U	< 2.1 U	< 2.1 U	< 10 U	< 11 U	< 2.2 U	< 25 U
Caprolactam	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 2.1 U	< 2.2 U	< 2.1 U	< 2.1 U	< 2.1 U	< 10 U	< 11 U	< 2.2 U	< 25 U
Carbazole	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.28 U	< 0.30 U	< 0.28 U	< 0.29 U	< 0.28 U	< 1.4 U	< 1.5 U	< 0.30 U	< 25 U
Chrysene	0.002	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.31 U	< 0.33 U	< 0.31 U	< 0.32 U	< 0.31 U	< 1.6 U	< 1.6 U	< 0.33 U	< 25 U
Dibenzo(A,H)Anthracene	NSL	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.40 U	< 0.41 U	< 0.39 U	< 0.41 U	< 0.39 U	< 2.0 U	< 2.1 U	< 0.42 U	< 25 U
Dibenzofuran	NSL	µg/L	< 100 U	< 9.5 U	< 9.6 U	< 0.48 U	< 0.50 U	< 0.48 U	< 0.50 U	< 0.48 U	< 2.4 U	< 2.5 U	< 0.51 U	< 50 U
Diethyl Phthalate	50	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.21 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U	< 1.0 U	< 1.1 U	< 0.22 U	< 25 U
Dimethyl Phthalate	50	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.34 U	< 0.36 U	< 0.34 U	< 0.35 U	< 0.34 U	< 1.7 U	< 1.8 U	< 0.36 U	< 25 U
Di-N-Butyl Phthalate	50	µg/L	< 52 U	0.80 J	0.75 J	0.44 J	< 0.31 U	0.35 J	0.51 J	< 0.29 U	< 1.5 U	< 1.5 U	< 0.31 U	< 25 U
Di-N-Octylphthalate	50	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.44 U	< 0.46 U	< 0.44 U	< 0.46 U	< 0.44 U	< 2.2 U	< 2.3 U	< 0.47 U	< 25 U
Fluoranthene	50	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.38 U	< 0.39 U	< 0.37 U	< 0.39 U	< 0.37 U	< 1.9 U	< 2.0 U	< 0.40 U	< 25 U
Fluorene	50	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.34 U	< 0.36 U	< 0.34 U	< 0.35 U	< 0.34 U	< 1.7 U	< 1.8 U	< 0.36 U	< 25 U
Hexachlorobenzene	0.04	µg/L	< 52 U	< 4.8 U	< 4.8 U	< 0.48 U	< 0.50 U	< 0.48 U	< 0.50 U	<				

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-17 5/13/2019 MW-17 051319-20190513	MW-17 5/23/2023 518014-MW-17	MW-17 8/7/2024 518014-MW-17	MW-18 10/14/2015 MW-18-20151014	MW-18 12/8/2015 MW-18 120815-20151208	MW-18 3/8/2016 MW-18 030816-20160308	MW-18 5/31/2016 MW-18 053116	MW-18 9/14/2016 MW-18 091416	MW-18 12/7/2016 MW-18 12016	MW-18 3/15/2017 MW-18 031517	MW-18 6/13/2017 MW-18 061317	MW-18 5/13/2019 MW-18 051319-20190513	MW-18 5/23/2023 518014-MW-18	MW-18 8/7/2024 518014-MW-18
Analyte	NYSDEC AWQS ¹	Unit														
PFAS (E537/E1633)																
11-Chlorocosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	< 3.6 U	< 1.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.6 U	< 1.7 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	< 80 U	< 3.6 U	< 1.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 84 U	< 3.6 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	< 3.6 U	< 2.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.6 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	< 80 U	< 3.6 U	< 0.82 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 84 U	< 3.6 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	< 45 U	< 6.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 46 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	< 45 U	< 5.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 46 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	< 9 U	< 2.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.1 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	< 3.6 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.6 U
9-Chlorohexadecafluoro-3-Oxononane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	< 3.6 U	< 2.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.6 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	< 3.6 U	< 1.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.6 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	< 0.9 U	< 0.48 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.91 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	63 J	45	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 84 U	0.97
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	< 9 U	< 3.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.1 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	< 0.9 U	< 0.58 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.91 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 80 U	1.2	0.54 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 84 U	< 0.91 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	< 9 U	< 2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.1 U
Nonafluoro-3,6-dioxahheptanoic acid (NFDHA)	NSL	ng/L	NA	< 1.8 U	< 1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEsA)	NSL	ng/L	NA	< 1.8 U	< 0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	< 1.8 U	< 0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	< 1.8 U	< 0.51 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	< 8.0 UJ	1.7	2.6	NA	NA	NA	NA	NA	NA	< 0.92 U	< 2.0 U	< 8.4 U	1	0.82 J
Perfluorobutanoic Acid	NSL	ng/L	< 8.0 UJ	17 J	10	NA	NA	NA	NA	NA	NA	NA	NA	< 8.4 UJ	< 3.6 U	< 0.89 U
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 8.0 U	< 0.9 U	5.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.4 U	< 0.91 U	< 1.0 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	< 8.0 U	1.2	0.56 J	NA	NA	NA	NA	NA	NA	NA	NA	< 8.4 U	0.17 J	< 0.60 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	< 0.9 U	< 0.36 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.91 U	< 0.38 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	< 8.0 U	< 0.9 U	< 0.69 U	NA	NA	NA	NA	NA	NA	NA	NA	< 8.4 U	< 0.91 U	< 0.74 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	< 8.0 U	3.2	1.7 J	NA	NA	NA	NA	NA	NA	NA	NA	11	2.6	2
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	4.3 J	2.9	< 0.45 U	NA	NA	NA	NA	NA	NA	3.2	1.8 J	13	0.98	1.5 J
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	< 8.0 UJ	1.2	1.4 J	NA	NA	NA	NA	NA	NA	2	2.9	15	2.3	2.8
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	5.3 J	2.3	2.5	NA	NA	NA	NA	NA	NA	NA	NA	13	0.74 J	0.83 J
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	< 0.9 U	< 1.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.91 U	< 1.4 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	1.2 J	1.4	1.3 J	NA	NA	NA	NA	NA	NA	0.89 J	< 2.0 U	< 8.4 U	0.88 J	0.77 J
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	2.9 J	14	6.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.4 U	< 0.91 U	< 0.66 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	160	320	260	NA	NA	NA	NA	NA	NA	48	41	81	31	70
Perfluorooctanoic acid (PFOA)	6.7	ng/L	9.2 J	11	10	NA	NA	NA	NA	NA	NA	14	9.2	49 J	10	10
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	< 0.9 U	< 0.91 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36 J	< 0.97 U
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	3.5 J	< 1.8 U	< 0.66 U	NA	NA	NA	NA	NA	NA	NA	NA	13	< 1.8 U	< 0.70 U
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	< 8.0 U	< 0.9 U	< 0.69 U	NA	NA	NA	NA	NA	NA	NA	NA	< 8.4 U	< 0.91 U	< 0.73 U
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	< 8.0 U	< 0.9 U	< 0.71 U	NA	NA	NA	NA	NA	NA	NA	NA	< 8.4 U	< 0.91 U	< 0.76 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	< 8.0 UJ	< 0.9 U	< 0.50 U	NA	NA	NA	NA	NA	NA	NA	NA	< 8.4 U	< 0.91 U	< 0.53 U
VOCs (SW8260)																
1,1,1,2-Tetrachloroethane	5	µg/L	NA	NA	NA	< 5.0 U	< 10 U	< 3.5 U	< 3.5 U	< 1.4 U	< 0.35 U	< 0.35 U	< 1.0 U	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1.0 U	< 1 U	< 0.54 U	< 5.0 U	< 10 U	< 8.2 U	< 8.2 U	< 3.3 U	< 0.82 U	< 0.82 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 0.5 U	< 0.65 U	< 5.0 U	< 10 U	< 2.1 U	< 2.1 U	< 0.84 U	< 0.21 U	< 0.21 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1.0 U	< 1 U	< 0.58 U	< 5.0 U	< 10 U	< 3.1 U	< 3.1 U	< 1.2 U	< 0.31 U	< 0.31 U	< 1.0 U	< 1.0 U	< 1 U	< 0.58 U
1,1,2-Trichloroethane	1	µg/L	< 1.0 U	< 1 U	< 0.53 U	< 5.0 U	< 10 U	< 2.3 U	< 2.3 U	< 0.92 U	< 0.23 U	< 0.23 U	< 1.0 U	< 1.0 U	< 1 U	< 0.53 U
1,1-Dichloroethane	5	µg/L	< 1.0 U	< 1 U	< 0.57 U	< 5.0 U	< 10 U	< 3.8 U	< 3.8 U	< 1.5 U	< 0.38 U	< 0.38 U	< 1.0 U	< 1.0 U	< 1 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 1.0 U	< 1 U	< 0.59 U	< 5.0 U	< 10 U	< 2.9 U	< 2.9 U	< 1.2 U	< 0.29 U	< 0.29 U	< 1.0 U	< 1.0 U	< 1 U	< 0.59 U
1,1-Dichloropropene	5	µg/L	NA	NA	NA	< 5.0 U	< 10 U	< 7.2 U	< 7.2 U	< 2.9 U	< 0.72 U	< 0.72 U	< 1.0 U	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	NA	< 5 U	< 0.5 U	< 5.0 U	< 10 U	< 4.1 U	< 4.1 U	< 1.6 U	< 0.41 U	< 0.41 U	< 1.0 U	NA	< 5 U	< 0.5 U
1,2,3-Trichloropropane	0.04	µg/L	NA	NA	NA	< 5.0 U	< 10 U	< 8.9 U	< 8.9 U	< 3.6 U	< 0.89 U	< 0.89 U	< 1.0 U	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1.0 U	< 1 U	< 0.5 U	< 5.0 U	< 10 U	< 4.1 U	< 4.1 U	< 1.6 U	< 0.41 U	< 0.41 U	< 1.0 U	< 1.0 U	< 1 U	< 0.5 U
1,2,4-Trimethylbenzene	NSL	µg/L	45	NA	NA	440	15	< 7.5 U	< 7.5 U	3.3 J	< 0.75 U	< 0.75 U	< 1.0 U	< 1.0 U	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1.0 U	< 5 U	< 0.53 U	< 5.0 U	< 10 U	< 3.9 U	< 3.9 U	< 1.6 U	< 0.39 U	< 0.39 U	< 1.0 U	< 1.0 U	< 5 U	< 0.53 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1.0 U	< 0.5 U	< 0.48 U	< 5.0 U	< 10 U	< 7.3 U	< 7.3 U	< 2.9 U	< 0.73 U	< 0.73 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.48 U
1,2-Dichlorobenzene	3	µg/L	3.8	2	4.5	26	< 10 U	< 7.9 U	< 7.9 U	< 3.2 U	< 0.79 U	< 0.79 U	< 1.0 U	< 1.0 U	0.44 J	0.54 J
1,2-Dichloroethane	0.6	µg/L	< 1.0 U	< 1 U	< 0.6 U	< 5.0 U	< 10 U	< 2.1 U	< 2.1 U	< 0.84 U	< 0.21 U	< 0.21 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U
1,2-Dichloropropane	1	µg/L	< 1.0 U	< 1 U	< 0.51 U	< 5.0 U	< 10 U	< 7.2 U	< 7.2 U	< 2.9 U	< 0.72 U	< 0.72 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	19	NA	NA	180	<									

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Location ID Sample Date Sample Name Parent Sample ID			MW-17 5/13/2019 MW-17 051319-20190513	MW-17 5/23/2023 518014-MW-17	MW-17 8/7/2024 518014-MW-17	MW-18 10/14/2015 MW-18-20151014	MW-18 12/8/2015 MW-18 120815-20151208	MW-18 3/8/2016 MW-18 030816-20160308	MW-18 5/31/2016 MW-18 053116	MW-18 9/14/2016 MW-18 091416	MW-18 12/7/2016 MW-18 12016	MW-18 3/15/2017 MW-18 031517	MW-18 6/13/2017 MW-18 061317	MW-18 5/13/2019 MW-18 051319-20190513	MW-18 5/23/2023 518014-MW-18	MW-18 8/7/2024 518014-MW-18
Analyte	NYSDEC AWQS ¹	Unit														
Bromomethane	5	µg/L	< 1.0 U	< 2 U	< 1.6 U	< 5.0 U	< 10 U	< 6.9 U	< 6.9 U	< 2.8 U	< 0.69 U	< 0.69 U	< 1.0 U	< 1.0 U	< 2 U	< 1.6 U
Carbon Disulfide	60	µg/L	< 1.0 U	< 5 U	< 1.8 U	< 5.0 U	< 10 U	< 1.9 U	< 1.9 U	< 0.76 U	< 0.19 U	< 0.19 U	< 1.0 U	< 1.0 U	< 5 U	< 1.8 U
Carbon Tetrachloride	5	µg/L	< 1.0 U	< 5 U	< 0.55 U	< 5.0 U	< 10 U	< 2.7 U	< 2.7 U	< 1.1 U	< 0.27 U	< 0.27 U	< 1.0 U	< 1.0 U	< 5 U	< 0.55 U
Chlorobenzene	5	µg/L	< 1.0 U	< 1 U	< 0.56 U	< 5.0 U	< 10 U	< 7.5 U	< 7.5 U	< 3.0 U	< 0.75 U	< 0.75 U	< 1.0 U	< 1.0 U	< 1 U	< 0.56 U
Chloroethane	5	µg/L	< 1.0 U	< 2 U	< 0.73 U	< 5.0 U	< 10 U	< 3.2 U	< 3.2 U	< 1.3 U	< 0.32 U	< 0.32 U	< 1.0 U	< 1.0 U	< 2 U	< 0.73 U
Chloroform	7	µg/L	< 1.0 U	< 2 U	< 0.5 U	< 5.0 U	< 10 U	< 3.4 U	< 3.4 U	< 1.4 U	< 0.34 U	< 0.34 U	< 1.0 U	< 1.0 U	< 2 U	< 0.5 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 1.0 U	< 2 U	< 0.76 U	< 5.0 U	17	< 3.5 U	< 3.5 U	< 1.4 U	< 0.35 U	< 0.35 U	< 1.0 U	< 1.0 U	< 2 U	< 0.76 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1.0 U	< 1 U	< 0.51 U	< 5.0 U	< 10 U	< 8.1 U	< 8.1 U	< 3.2 U	< 0.81 U	< 0.81 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 0.5 U	< 0.47 U	< 5.0 U	< 10 U	< 3.6 U	< 3.6 U	< 1.4 U	< 0.36 U	< 0.36 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.47 U
Cyclohexane	NSL	µg/L	< 1.0 U	< 5 U	< 0.78 U	< 5.0 U	< 10 U	< 1.8 U	< 1.8 U	< 0.72 U	< 0.18 U	< 0.18 U	< 1.0 U	< 1.0 U	< 5 U	< 0.78 U
Cymene	NSL	µg/L	4.5	NA	NA	31	3.5 J	< 3.1 U	< 3.1 U	< 1.2 U	< 0.31 U	< 0.31 U	< 1.0 U	< 1.0 U	NA	NA
Dibromochloromethane	50	µg/L	< 1.0 U	< 0.5 U	< 0.56 U	< 5.0 U	< 10 U	< 3.2 U	< 3.2 U	< 1.3 U	< 0.32 U	< 0.32 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.56 U
Dibromomethane	5	µg/L	NA	NA	NA	< 5.0 U	< 10 U	< 4.1 U	< 4.1 U	< 1.6 U	< 0.41 U	< 0.41 U	< 1.0 U	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	< 1.0 U	< 2 U	< 0.56 U	< 5.0 U	< 10 U	< 6.8 U	< 6.8 U	< 2.7 U	< 0.68 U	< 0.68 U	< 1.0 U	< 1.0 U	< 2 U	< 0.56 U
Ethylbenzene	5	µg/L	0.64 J	0.27 J	< 0.6 U	46	< 10 U	< 7.4 U	< 7.4 U	< 3.0 U	< 0.74 U	< 0.74 U	< 1.0 U	< 1.0 U	0.40 J	< 0.6 U
Hexachlorobutadiene	0.5	µg/L	NA	NA	NA	< 5.0 U	< 10 U	< 2.8 U	< 2.8 U	< 1.1 U	< 0.28 U	< 0.28 U	< 1.0 U	NA	NA	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	NA	NA	NA	< 5.0 U	< 10 U	< 3.0 U	< 3.0 U	< 1.2 U	< 0.30 U	< 0.30 U	< 1.0 U	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	1.1	0.48 J	1.3	21	< 10 U	< 7.9 U	< 7.9 U	< 3.2 U	< 0.79 U	< 0.79 U	< 1.0 U	< 1.0 U	0.20 J	< 0.65 U
Methyl Acetate	NSL	µg/L	< 5.0 U	< 1 U	< 0.8 U	< 13 U	< 25 U	< 13 U	< 13 U	< 5.2 U	< 1.3 U	< 1.3 U	< 2.5 U	< 5.0 U	< 1 U	< 0.8 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5.0 U	< 20 U	< 2.7 U	< 50 U	< 100 U	< 13 U	< 13 U	< 1.3 U	< 1.3 U	< 1.3 U	< 10 U	< 5.0 U	< 20 U	< 2.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5.0 U	< 10 U	< 4.9 U	< 25 U	< 50 U	< 21 U	< 21 U	< 8.4 U	< 2.1 U	< 2.1 U	< 5.0 U	< 5.0 U	< 10 U	< 4.9 U
Methylcyclohexane	NSL	µg/L	0.64 J	0.23 J	< 0.6 U	7	< 16 U	< 1.6 U	< 1.6 U	< 0.64 U	< 0.16 U	< 0.16 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U
Methylene Chloride	5	µg/L	< 1.0 U	< 5 U	< 1 U	< 5.0 U	4.5 J	6.3 J	< 4.4 U	< 1.8 U	< 0.44 U	< 0.44 U	< 1.0 U	< 1.0 U	< 5 U	< 1 U
M-P-Xylene	NSL	µg/L	3	NA	2.4	220	< 20 U	< 6.6 U	< 6.6 U	2.6 J	< 0.66 U	< 0.66 U	< 2.0 U	< 1.0 U	NA	1.1
Naphthalene	10	µg/L	5.3	NA	NA	55	9.2 J	< 4.3 U	< 4.3 U	< 1.7 U	< 0.43 U	< 0.43 U	< 1.0 U	< 1.0 U	NA	NA
N-Butylbenzene	5	µg/L	2.1	NA	NA	41	< 10 U	< 6.4 U	< 6.4 U	< 2.6 U	< 0.64 U	< 0.64 U	< 1.0 U	< 1.0 U	NA	NA
N-Propylbenzene	NSL	µg/L	2.2	NA	NA	42	< 10 U	< 6.9 U	< 6.9 U	< 2.8 U	< 0.69 U	< 0.69 U	< 1.0 U	< 1.0 U	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	5.3	NA	4	120	< 10 U	< 7.6 U	< 7.6 U	8.5	< 0.76 U	< 0.76 U	< 1.0 U	< 1.0 U	NA	1.3
Sec-Butylbenzene	5	µg/L	2.6	NA	NA	21	< 10 U	< 7.5 U	< 7.5 U	< 3.0 U	< 0.75 U	< 0.75 U	< 1.0 U	< 1.0 U	NA	NA
Styrene	5	µg/L	< 1.0 U	< 1 U	< 0.49 U	< 5.0 U	< 10 U	< 7.3 U	< 7.3 U	< 2.9 U	< 0.73 U	< 0.73 U	< 1.0 U	< 1.0 U	< 1 U	< 0.49 U
T-Butylbenzene	5	µg/L	0.59 J	NA	NA	< 5.0 U	< 10 U	< 8.1 U	< 8.1 U	< 3.2 U	< 0.81 U	< 0.81 U	< 1.0 U	< 1.0 U	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 1.0 U	< 1 U	< 0.51 U	< 5.0 U	< 10 U	< 1.6 U	< 1.6 U	< 0.64 U	< 0.16 U	< 0.16 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	0.94 J	0.93 J	1.6	18	< 10 U	3.6 J	< 3.6 U	11	6.9	5.4	2.2	3.4	1.3	1.5
Toluene	5	µg/L	< 1.0 U	< 1 U	< 0.49 U	< 5.0 U	< 10 U	< 5.1 U	< 5.1 U	< 2.0 U	< 0.51 U	< 0.51 U	< 1.0 U	< 1.0 U	< 1 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	< 1.0 U	< 1 U	< 0.54 U	< 5.0 U	< 10 U	< 9.0 U	< 9.0 U	< 3.6 U	< 0.90 U	< 0.90 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 0.5 U	< 0.43 U	< 5.0 U	< 10 U	< 3.7 U	< 3.7 U	< 1.5 U	< 0.37 U	< 0.37 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.43 U
Trichloroethylene (TCE)	5	µg/L	< 1.0 U	< 1 U	< 0.53 U	< 5.0 U	< 10 U	< 4.6 U	< 4.6 U	< 1.8 U	< 0.46 U	< 0.46 U	< 1.0 U	< 1.0 U	< 1 U	< 0.53 U
Trichlorofluoromethane	5	µg/L	< 1.0 U	< 2 U	< 0.4 U	< 5.0 U	< 10 U	< 8.9 U	< 8.9 U	< 3.5 U	< 0.89 U	< 0.89 U	< 1.0 U	< 1.0 U	< 2 U	< 0.4 U
Vinyl Acetate	NSL	µg/L	NA	NA	NA	< 25 U	< 50 U	< 8.5 U	< 8.5 U	< 3.4 U	< 0.85 U	< 0.85 U	< 5.0 U	NA	NA	NA
Vinyl Chloride	2	µg/L	< 1.0 U	< 2 U	< 0.52 U	< 5.0 U	< 10 U	< 9.0 U	< 9.0 U	< 3.6 U	< 0.90 U	< 0.90 U	< 1.0 U	< 1.0 U	< 2 U	< 0.52 U
Xylenes	5	µg/L	8.3	3.7	6.4	340	< 20 U	< 6.6 U	< 6.6 U	11	< 0.66 U	< 0.66 U	< 2.0 U	< 2.0 U	1.7	2.4
Pesticides (SW8081)																
Alachlor	NSL	µg/L	NA	< 0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18 U	NA
Aldrin	NSL	µg/L	< 0.020 U	< 0.045 U	< 0.0041 U	< 0.25 U	0.11 J	< 0.038 U	< 0.0079 U	< 0.038 U	< 0.0081 U	< 0.0081 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0041 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.25 U	0.13 J	0.050 J	< 0.0075 U	0.058 J	< 0.0077 U	0.0093 J	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0042 U
Alpha Endosulfan	NSL	µg/L	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.25 U	< 0.46 U	< 0.051 U	< 0.011 U	< 0.052 U	< 0.011 U	< 0.011 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0042 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.020 U	< 0.045 U	< 0.0064 U	< 0.25 U	< 0.46 U	< 0.11 U	< 0.024 U	< 0.12 U	< 0.025 U	< 0.025 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0064 U
Beta Endosulfan	NSL	µg/L	< 0.020 U	< 0.072 U	< 0.0039 U	< 0.25 U	< 0.46 U	< 0.056 U	< 0.012 U	< 0.057 U	< 0.012 U	< 0.012 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.0039 U
Chlordane	0.05	µg/L	NA	0.55 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18 U	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	< 0.020 U	NA	0.07	< 0.25 U	< 0.46 U	< 0.069 U	< 0.014 U	< 0.070 U	< 0.015 U	0.017 J	< 0.050 U	< 0.020 U	NA	< 0.0039 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	< 0.020 U	< 0.045 U	< 0.0053 U	< 0.25 U	0.25 J	0.057 J	0.018 J	< 0.047 U	< 0.010 U	< 0.010 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0053 U
Dieldrin	0.004	µg/L	< 0.020 U	< 0.0018 U	0.01	< 0.25 U	0.10 J	< 0.045 U	< 0.0096 U	< 0.046 U	< 0.0098 U	< 0.0098 U	< 0.050 U	< 0.020 U	< 0.0018 U	< 0.0061 U
Endosulfan Sulfate	NSL	µg/L	< 0.020 U	< 0.072 U	< 0.0044 U	< 0.25 U	0.24 J	< 0.073 U	< 0.015 U	< 0.074 U	< 0.016 U	< 0.016 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.0044 U
Endrin	NSL	µg/L	< 0.020 U	< 0.072 U	< 0.0048 U	< 0.25 U	< 0.46 U	< 0.064 U	< 0.013 U	< 0.065 U	< 0.014 U	< 0.014 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.0048 U
Endrin Aldehyde	5	µg/L	< 0.020 U	< 0.072 U	< 0.0054 U	< 0.25 U	< 0.46 U	< 0.076 U	< 0.016 U	< 0.077 U	< 0.016 U	< 0.016 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.0054 U
Endrin Ketone	5	µg/L	< 0.020 U	< 0.072 U	< 0.005 U	< 0.25 U	< 0.46 U	< 0.056 U	< 0.012 U	< 0.057 U	< 0.012 U	< 0.012 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.005 U
Gamma Bhc (Lindane)	NSL	µg/L	< 0.020 U	< 0.027 U	0.01	< 0.25 U	0.13 J	0.063 J	< 0.0078 U	< 0.038 U	< 0.0080 U	< 0.0080 U	< 0.050 U	< 0.020 U	< 0.027 U	< 0.0048 U
Heptachlor	0.04	µg/L	< 0.020 U	< 0.045 U	< 0.0036 U	0.11 J	< 0.46 U	< 0.039 U	< 0.0083 U	< 0.040 U	< 0.0085 U	< 0.0085 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0036 U
Heptachlor Epoxide	0.03	µg/L	< 0.020 U	< 0.045 U	0.07	< 0.25 U	< 0.46 U	< 0.034 U	< 0.0072 U	< 0.035 U	< 0.0074 U	< 0.0074 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0048 U
Hexachlorobenzene	0.04	µg/L	NA	< 0.045 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.045 U	NA
Methoxychlor	35	µg/L	< 0.020 U	< 0.45 U	< 0.0054 U	< 0.										

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-17 5/13/2019 MW-17 051319-20190513	MW-17 5/23/2023 518014-MW-17	MW-17 8/7/2024 518014-MW-17	MW-18 10/14/2015 MW-18-20151014	MW-18 12/8/2015 MW-18 120815-20151208	MW-18 3/8/2016 MW-18 030816-20160308	MW-18 5/31/2016 MW-18 053116	MW-18 9/14/2016 MW-18 091416	MW-18 12/7/2016 MW-18 12016	MW-18 3/15/2017 MW-18 031517	MW-18 6/13/2017 MW-18 061317	MW-18 5/13/2019 MW-18 051319-20190513	MW-18 5/23/2023 518014-MW-18	MW-18 8/7/2024 518014-MW-18
Analyte	NYSDEC AWQS ¹	Unit														
SVOCs (SW8270)																
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	< 9.1 U	< 0.48 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.3 U	< 0.48 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	0.062 J	< 0.2 U	NA	NA	NA	NA	NA	NA	< 0.20 U	NA	NA	< 0.19 U	< 0.2 U
2,4,5-Trichlorophenol	NSL	µg/L	< 10 U	< 9.1 U	< 0.64 U	< 26 U	< 4.6 U	< 0.47 U	< 0.48 U	< 0.45 U	< 2.4 U	< 0.48 U	< 5.0 U	< 10 U	< 9.3 U	< 0.64 U
2,4,6-Trichlorophenol	NSL	µg/L	< 10 U	< 9.1 U	< 0.49 U	< 26 U	< 4.6 U	< 0.59 U	< 0.61 U	< 0.57 U	< 3.0 U	< 0.61 U	< 5.0 U	< 10 U	< 9.3 U	< 0.49 U
2,4-Dichlorophenol	5	µg/L	< 10 U	< 9.1 U	< 0.59 U	< 26 U	< 4.6 U	< 0.50 U	< 0.51 U	< 0.47 U	< 2.5 U	< 0.50 U	< 5.0 U	< 10 U	< 9.3 U	< 0.59 U
2,4-Dimethylphenol	50	µg/L	< 10 U	< 9.1 U	< 0.52 U	< 26 U	< 4.6 U	< 0.49 U	< 0.50 U	< 0.46 U	< 2.5 U	< 0.50 U	< 5.0 U	< 10 U	< 9.3 U	< 0.52 U
2,4-Dinitrophenol	10	µg/L	< 20 U	< 18 UJ	< 0.67 U	< 53 U	< 9.2 U	< 2.2 U	< 2.2 U	< 2.1 U	< 1.1 U	< 2.2 U	< 10 U	< 20 U	< 19 UJ	< 0.67 U
2,4-Dinitrotoluene	5	µg/L	< 2.0 U	< 9.1 U	< 1.9 U	< 26 U	< 4.6 U	< 0.43 U	< 0.44 U	< 0.41 U	< 2.2 U	< 0.45 U	< 5.0 U	< 2.0 U	< 9.3 U	< 1.9 U
2,6-Dinitrotoluene	5	µg/L	< 2.0 U	< 9.1 U	< 0.55 U	< 26 U	< 4.6 U	< 0.39 U	< 0.40 U	< 0.37 U	< 2.0 U	< 0.40 U	< 5.0 U	< 2.0 U	< 9.3 U	< 0.55 U
2-Chloronaphthalene	10	µg/L	< 10 U	< 9.1 U	< 0.56 U	< 26 U	< 4.6 U	< 0.45 U	< 0.46 U	< 0.43 U	< 2.3 U	< 0.46 U	< 5.0 U	< 10 U	< 9.3 U	< 0.56 U
2-Chlorophenol	1	µg/L	< 10 U	< 9.1 U	< 0.43 U	< 26 U	< 4.6 U	< 0.52 U	< 0.53 U	< 0.49 U	< 2.6 U	< 0.53 U	< 5.0 U	< 10 U	< 9.3 U	< 0.43 U
2-Methylnaphthalene	NSL	µg/L	< 10 U	< 4.5 U	< 0.37 U	< 26 U	5.4	< 0.58 U	< 0.60 U	< 0.56 U	< 3.0 U	< 0.60 U	< 5.0 U	< 10 U	< 4.6 U	< 0.37 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 10 U	< 9.1 U	< 0.64 U	< 26 U	< 4.6 U	< 0.39 U	< 0.40 U	< 0.37 U	< 2.0 U	< 0.40 U	< 5.0 U	< 10 U	< 9.3 U	< 0.64 U
2-Nitroaniline	5	µg/L	< 10 U	< 9.1 U	< 0.47 U	< 53 U	< 9.2 U	< 0.41 U	< 0.42 U	< 0.39 U	< 2.1 U	< 0.42 U	< 10 U	< 10 U	< 9.3 U	< 0.47 U
2-Nitrophenol	NSL	µg/L	< 10 U	< 9.1 U	< 0.62 U	< 26 U	< 4.6 U	< 0.47 U	< 0.48 U	< 0.45 U	< 2.4 U	< 0.48 U	< 5.0 U	< 10 U	< 9.3 U	< 0.62 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	< 9.1 U	< 0.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.3 U	< 0.4 U
3,3'-Dichlorobenzidine	5	µg/L	< 10 U	< 9.1 U	< 1.1 U	< 26 U	< 4.6 U	< 0.39 U	< 0.40 U	< 0.37 U	< 2.0 U	< 0.40 U	< 5.0 U	< 10 U	< 9.3 U	< 1.1 U
3-Nitroaniline	5	µg/L	< 10 U	< 9.1 UJ	< 0.64 U	< 53 U	< 9.2 U	< 0.47 U	< 0.48 U	< 0.45 U	< 2.4 U	< 0.48 U	< 10 U	< 10 U	< 9.3 UJ	< 0.64 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 20 U	< 18 UJ	< 1.5 U	< 53 U	< 9.2 U	< 2.1 U	< 2.2 U	< 2.0 U	< 1.1 U	< 2.2 U	< 10 U	< 20 U	< 19 UJ	< 1.5 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 10 U	< 9.1 U	< 0.55 U	< 26 U	< 4.6 U	< 0.44 U	< 0.45 U	< 0.42 U	< 2.2 U	< 0.45 U	< 5.0 U	< 10 U	< 9.3 U	< 0.55 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 10 U	< 9.1 U	< 0.53 U	< 26 U	< 4.6 U	< 0.44 U	< 0.45 U	< 0.42 U	< 2.2 U	< 0.45 U	< 5.0 U	< 10 U	< 9.3 U	< 0.53 U
4-Chloroaniline	5	µg/L	< 10 U	< 9.1 U	< 0.53 U	< 26 U	< 4.6 U	< 0.57 U	< 0.59 U	< 0.55 U	< 2.9 U	< 0.59 U	< 5.0 U	< 10 U	< 9.3 U	< 0.53 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 10 U	< 9.1 U	< 0.6 U	< 26 U	< 4.6 U	< 0.34 U	< 0.35 U	< 0.32 U	< 1.7 U	< 0.35 U	< 5.0 U	< 10 U	< 9.3 U	< 0.6 U
4-Methylphenol (P-Cresol)	NSL	µg/L	< 10 U	NA	< 1.5 U	9.0 J	1.5 J	< 0.35 U	< 0.36 U	< 0.33 U	< 1.8 U	< 0.36 U	< 10 U	< 10 U	NA	< 1.5 U
4-Nitroaniline	5	µg/L	< 10 U	< 9.1 UJ	< 0.75 U	< 53 U	< 9.2 U	< 0.24 U	< 0.25 U	< 0.23 U	< 1.2 U	< 0.25 U	< 10 U	< 10 U	< 9.3 UJ	< 0.75 U
4-Nitrophenol	NSL	µg/L	< 20 U	< 18 U	< 0.45 U	< 53 U	< 9.2 U	< 1.5 U	< 1.5 U	< 1.4 U	< 7.5 U	< 1.5 U	< 10 U	< 20 U	< 19 U	< 0.45 U
Acenaphthene	20	µg/L	< 10 U	< 4.5 U	< 0.61 U	< 26 U	< 4.6 U	< 0.40 U	< 0.41 U	< 0.38 U	< 2.0 U	< 0.41 U	< 5.0 U	< 10 U	< 4.6 U	< 0.61 U
Acenaphthylene	NSL	µg/L	< 10 U	< 4.5 U	< 0.42 U	< 26 U	< 4.6 U	< 0.37 U	< 0.38 U	< 0.35 U	< 1.9 U	< 0.38 U	< 5.0 U	< 10 U	< 4.6 U	< 0.42 U
Acetophenone	NSL	µg/L	< 10 U	< 9.1 U	< 0.52 U	< 26 U	< 4.6 U	< 0.53 U	< 0.54 U	< 0.50 U	< 2.7 U	< 0.54 U	< 5.0 U	< 10 U	< 9.3 U	< 0.52 U
Anthracene	50	µg/L	< 10 U	< 4.5 U	< 0.56 U	< 26 U	< 4.6 U	< 0.27 U	< 0.28 U	< 0.26 U	< 1.4 U	< 0.28 U	< 5.0 U	< 10 U	< 4.6 U	< 0.56 U
Atrazine	NSL	µg/L	< 2.0 U	< 18 U	< 0.72 U	< 26 U	< 4.6 U	< 0.45 U	< 0.46 U	< 0.43 U	< 2.3 U	< 0.46 U	< 5.0 U	< 2.0 U	< 19 U	< 0.72 U
Benzaldehyde	NSL	µg/L	< 10 U	< 9.1 UJ	< 0.44 U	< 26 U	8.5	< 0.26 U	< 0.27 U	< 0.25 U	< 1.3 U	< 0.27 U	< 5.0 U	< 10 U	< 9.3 UJ	< 0.44 U
Benzo(A)Anthracene	0.002	µg/L	< 1.0 U	< 4.5 U	< 0.51 U	< 26 U	< 4.6 U	< 0.35 U	< 0.36 U	< 0.33 U	< 1.8 U	< 0.36 U	< 5.0 U	< 1.0 U	< 4.6 U	< 0.51 U
Benzo(A)Pyrene	NSL	µg/L	< 1.0 U	< 4.5 U	< 0.63 U	< 26 U	< 4.6 U	< 0.46 U	< 0.47 U	< 0.44 U	< 2.3 U	< 0.47 U	< 5.0 U	< 1.0 U	< 4.6 U	< 0.63 U
Benzo(B)Fluoranthene	0.002	µg/L	< 2.0 U	< 4.5 U	< 0.57 U	< 26 U	< 4.6 U	< 0.33 U	< 0.34 U	< 0.32 U	< 1.7 U	< 0.34 U	< 5.0 U	< 2.0 U	< 4.6 U	< 0.57 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 10 U	< 4.5 U	< 0.64 U	< 26 U	< 4.6 U	< 0.34 U	< 0.35 U	< 0.32 U	< 1.7 U	< 0.35 U	< 5.0 U	< 10 U	< 4.6 U	< 0.64 U
Benzo(K)Fluoranthene	0.002	µg/L	< 1.0 U	< 4.5 U	< 0.48 U	< 26 U	< 4.6 U	< 0.71 U	< 0.73 U	< 0.68 U	< 3.6 U	< 0.73 U	< 5.0 U	< 1.0 U	< 4.6 U	< 0.48 U
Benzyl Butyl Phthalate	50	µg/L	< 10 U	< 9.1 UJ	< 0.86 U	< 26 U	< 4.6 U	0.52 J	< 0.99 U	< 0.93 U	< 4.9 U	< 1.0 U	< 5.0 U	< 10 U	< 9.3 UJ	< 0.86 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 10 U	< 18 U	< 0.59 U	< 26 U	< 4.6 U	< 0.64 U	< 0.65 U	< 0.61 U	< 3.2 U	< 0.65 U	< 5.0 U	< 10 U	< 19 U	< 0.59 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 10 U	< 9.1 U	< 0.46 U	< 26 U	< 4.6 U	< 0.34 U	< 0.35 U	< 0.32 U	< 1.7 U	< 0.35 U	< 5.0 U	< 10 U	< 9.3 U	< 0.46 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 1.0 U	< 9.1 U	< 0.43 U	< 26 U	< 4.6 U	< 0.39 U	< 0.40 U	< 0.37 U	< 2.0 U	< 0.40 U	< 5.0 U	< 1.0 U	< 9.3 U	< 0.43 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 10 U	< 9.1 U	< 0.5 U	< 26 U	< 4.6 U	< 0.51 U	< 0.52 U	< 0.48 U	< 2.6 U	< 0.52 U	< 5.0 U	< 10 U	< 9.3 U	< 0.5 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 2.0 U	< 9.1 UJ	< 1.3 U	< 26 U	< 4.6 U	< 1.8 U	< 2.2 U	< 2.0 U	< 1.1 U	< 2.2 U	< 5.0 U	< 2.0 U	< 9.3 UJ	< 1.3 U
Caprolactam	NSL	µg/L	< 10 U	< 9.1 UJ	< 0.35 U	< 26 U	< 4.6 U	< 2.1 U	< 2.2 U	< 2.0 U	< 1.1 U	< 2.2 U	< 5.0 U	< 10 U	< 9.3 UJ	< 0.35 U
Carbazole	NSL	µg/L	< 10 U	< 9.1 U	< 0.58 U	< 26 U	< 4.6 U	< 0.29 U	< 0.30 U	< 0.28 U	< 1.5 U	< 0.30 U	< 5.0 U	< 10 U	< 9.3 U	< 0.58 U
Chrysene	0.002	µg/L	< 2.0 U	< 4.5 U	< 0.52 U	< 26 U	< 4.6 U	< 0.32 U	< 0.33 U	< 0.31 U	< 1.6 U	< 0.33 U	< 5.0 U	< 2.0 U	< 4.6 U	< 0.52 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 1.0 U	< 4.5 U	< 0.5 U	< 26 U	< 4.6 U	< 0.41 U	< 0.42 U	< 0.39 U	< 2.1 U	< 0.42 U	< 5.0 U	< 1.0 U	<	

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-19 10/15/2015 MW-19-20151015	MW-19 3/15/2017 MW-19 031517	MW-19 5/16/2019 MW-19 051619-20190516	MW-19 5/23/2023 518014-MW-19	MW-19 8/8/2024 518014-MW-19	MW-20 10/15/2015 MW-20-20151015	MW-20 3/15/2017 MW-20 031517	MW-20 5/16/2019 MW-20 051619-20190516	MW-20 5/23/2023 518014-MW-20	MW-20 8/8/2024 518014-MW-20	MW-21 10/15/2015 MW-21-20151015	MW-21 3/8/2016 MW-21 030816-20160308	MW-21 5/31/2016 MW-21 053116	MW-21 9/14/2016 MW-21 091416
Analyte	NYSDEC AWQS ¹	Unit														
PFAS (E537/E1633)																
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF30UdS)	NSL	ng/L	NA	NA	NA	< 3.6 U	< 1.9 U	NA	NA	NA	< 3.6 U	< 2.0 U	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	< 84 U	< 3.6 U	< 1.6 U	NA	NA	< 85 U	< 3.6 U	< 1.6 U	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	< 3.6 U	< 2.4 U	NA	NA	NA	< 3.6 U	< 2.5 U	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	< 84 U	< 3.6 U	< 0.98 U	NA	NA	< 85 U	< 3.6 U	< 1.0 U	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	NA	< 46 U	< 7.7 U	NA	NA	NA	< 45 U	< 7.8 U	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	< 46 U	< 6.6 U	NA	NA	NA	< 45 U	< 6.8 U	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	< 9.1 U	< 2.6 U	NA	NA	NA	< 9 U	< 2.7 U	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	< 3.6 U	< 1.3 U	NA	NA	NA	< 3.6 U	< 1.4 U	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	< 3.6 U	< 2.6 U	NA	NA	NA	< 3.6 U	< 2.7 U	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	< 3.6 U	< 1.9 U	NA	NA	NA	< 3.6 U	< 2.0 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	< 0.91 U	< 0.57 U	NA	NA	NA	< 0.9 U	< 0.58 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	< 84 UJ	1.1	< 0.98 U	NA	NA	< 85 UJ	< 0.9 U	< 1.0 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	< 9.1 U	< 4.0 U	NA	NA	NA	< 9 U	< 4.1 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	< 0.91 U	< 0.69 U	NA	NA	NA	< 0.9 U	< 0.70 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	< 84 UJ	< 0.91 U	< 0.55 U	NA	NA	< 85 UJ	< 0.9 U	< 0.56 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	< 9.1 U	< 3.0 U	NA	NA	NA	< 9 U	< 3.1 U	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	< 1.8 U	< 1.4 U	NA	NA	NA	< 1.8 U	< 1.4 U	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NSL	ng/L	NA	NA	NA	< 1.8 U	< 0.29 U	NA	NA	NA	< 1.8 U	< 0.30 U	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	< 1.8 UJ	< 0.32 U	NA	NA	NA	< 1.8 U	< 0.33 U	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	< 1.8 U	< 0.60 U	NA	NA	NA	< 1.8 U	< 0.62 U	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	3.2	< 8.4 UJ	2.9	1.5 J	NA	1.2 J	< 8.5 UJ	4.6	2.5	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	< 8.4 U	4.4 J+	4.4 J	NA	NA	6.3 J	3.1 J	3.3 J	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	< 8.4 U	< 0.91 U	< 1.2 U	NA	NA	< 8.5 U	< 0.9 U	< 1.2 U	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	< 8.4 UJ	0.18 J	< 0.67 U	NA	NA	< 8.5 UJ	< 0.9 U	< 0.68 U	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	< 0.91 U	< 0.43 U	NA	NA	NA	< 0.9 U	< 0.44 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	< 8.4 UJ	< 0.91 U	< 0.83 U	NA	NA	< 8.5 UJ	< 0.9 U	< 0.85 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	< 8.4 U	0.29 J	< 1.1 U	NA	NA	< 8.5 U	< 0.9 U	< 1.1 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	4.9	15	2.6	3.7	NA	1.7 J	< 8.5 U	1.8	0.90 J	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	1.9 J	< 8.4 UJ	1.1	< 1.2 U	NA	< 0.87 U	< 8.5 UJ	0.60 J	1.2 J	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	11	4	3.7	NA	NA	< 8.5 U	2.6	1.4 J	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	NA	< 0.91 U	< 1.5 U	NA	NA	NA	< 0.9 U	< 1.6 U	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	0.90 J	< 8.4 UJ	1	1.9 J	NA	< 0.65 U	< 8.5 UJ	0.60 J	< 0.44 U	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PEOSA)	NSL	ng/L	NA	NA	< 8.4 U	< 0.91 U	0.91 J	NA	NA	< 8.5 U	< 0.9 U	< 0.76 U	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	28	38 J	15	30	NA	4.9	< 8.5 UJ	5.5	< 0.47 U	NA	NA	NA	NA
Perfluorooctanoic acid (PEOA)	6.7	ng/L	NA	11	20 J	5.5	8.6	NA	5.5	< 8.5 UJ	5.3	2.2	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	< 0.91 U	< 1.1 U	NA	NA	NA	< 0.9 U	< 1.1 U	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	12	< 1.8 U	6.1	NA	NA	6.2 J	2.7	1.6 J	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	< 8.4 UJ	< 0.91 U	< 0.82 U	NA	NA	< 8.5 UJ	< 0.9 U	< 0.84 U	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTTrDA)	NSL	ng/L	NA	NA	< 8.4 U	< 0.91 U	< 0.85 U	NA	NA	< 8.5 U	< 0.9 U	< 0.87 U	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	< 8.4 U	< 0.91 U	< 0.59 U	NA	NA	< 8.5 UJ	< 0.9 U	< 0.60 U	NA	NA	NA	NA
VOCs (SW8260)																
1,1,1,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 0.35 U	NA	NA	NA	< 1.0 U	< 0.35 U	NA	NA	NA	< 20 U	< 0.35 U	< 0.35 U	< 0.35 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1.0 U	< 0.82 U	< 1.0 U	< 1 U	< 0.54 U	< 1.0 U	< 0.82 U	< 1.0 U	< 1 U	< 0.54 U	< 20 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 0.21 U	< 1.0 U	< 0.5 U	< 0.65 U	< 1.0 U	< 0.21 U	< 1.0 U	< 0.5 U	< 0.65 U	< 20 U	< 0.21 U	< 0.21 U	< 0.21 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1.0 U	< 0.31 U	< 1.0 U	< 1 U	< 0.58 U	< 1.0 U	< 0.31 U	< 1.0 U	< 1 U	< 0.58 U	< 20 U	< 0.31 U	< 0.31 U	< 0.31 U
1,1,2-Trichloroethane	1	µg/L	< 1.0 U	< 0.23 U	< 1.0 U	< 1 U	< 0.53 U	< 1.0 U	< 0.23 U	< 1.0 U	< 1 U	< 0.53 U	< 20 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethane	5	µg/L	< 1.0 U	< 0.38 U	0.27 J	0.28 J	< 0.57 U	< 1.0 U	< 0.38 U	< 1.0 U	< 1 U	< 0.57 U	< 20 U	< 0.38 U	< 0.38 U	0.90 J
1,1-Dichloroethene	5	µg/L	< 1.0 U	< 0.29 U	< 1.0 U	< 1 U	< 0.59 U	< 1.0 U	< 0.29 U	< 1.0 U	< 1 U	< 0.59 U	< 20 U	< 0.29 U	< 0.29 U	< 0.29 U
1,1-Dichloropropene	5	µg/L	< 1.0 U	< 0.72 U	NA	NA	NA	< 1.0 U	< 0.72 U	NA	NA	NA	< 20 U	< 0.72 U	< 0.72 U	< 0.72 U
1,2,3-Trichlorobenzene	5	µg/L	< 1.0 U	< 0.41 U	NA	< 5 U	< 0.5 U	< 1.0 U	< 0.41 U	NA	< 5 U	< 0.5 U	< 20 U	< 0.41 U	< 0.41 U	< 0.41 U
1,2,3-Trichloropropane	0.04	µg/L	< 1.0 U	< 0.89 U	NA	NA	NA	< 1.0 U	< 0.89 U	NA	NA	NA	< 20 U	< 0.89 U	< 0.89 U	< 0.89 U
1,2,4-Trichlorobenzene	5	µg/L	< 1.0 U	< 0.41 U	< 1.0 U	< 1 U	< 0.5 U	< 1.0 U	< 0.41 U	< 1.0 U	< 1 U	< 0.5 U	< 20 U	< 0.41 U	< 0.41 U	< 0.41 U
1,2,4-Trimethylbenzene	NSL	µg/L	< 1.0 U	< 0.75 U	< 1.0 U	NA	NA	< 1.0 U	< 0.75 U	< 1.0 U	NA	NA	140	0.91 J	< 0.75 U	130
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1.0 U	< 0.39 U	< 1.0 U	< 5 U	< 0.53 U	< 1.0 U	< 0.39 U	< 1.0 U	< 5 U	< 0.53 U	< 20 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1.0 U	< 0.73 U	< 1.0 U	< 0.5 U	< 0.48 U	< 1.0 U	< 0.73 U	< 1.0 U	< 0.5 U	< 0.48 U	< 20 U	< 0.73 U	< 0.73 U	< 0.73 U
1,2-Dichlorobenzene	3	µg/L	< 1.0 U	< 0.79 U	< 1.0 U	0.33 J	< 0.53 U	< 1.0 U	< 0.79 U	< 1.0 U	< 1 U	< 0.53 U	< 20 U	1.1	< 0.79 U	12
1,2-Dichloroethane	0.6	µg/L	< 1.0 U	< 0.21 U	< 1.0 U	< 1 U	< 0.6 U	< 1.0 U	< 0.21 U	< 1.0 U	< 1 U	< 0.6 U	< 20 U	< 0.21 U	< 0.21 U	< 0.21 U
1																

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-19 10/15/2015 MW-19-20151015	MW-19 3/15/2017 MW-19 031517	MW-19 5/16/2019 MW-19 051619-20190516	MW-19 5/23/2023 518014-MW-19	MW-19 8/8/2024 518014-MW-19	MW-20 10/15/2015 MW-20-20151015	MW-20 3/15/2017 MW-20 031517	MW-20 5/16/2019 MW-20 051619-20190516	MW-20 5/23/2023 518014-MW-20	MW-20 8/8/2024 518014-MW-20	MW-21 10/15/2015 MW-21-20151015	MW-21 3/8/2016 030816-20160308	MW-21 5/31/2016 MW-21 053116	MW-21 9/14/2016 MW-21 091416
Analyte	NYSDEC AWQS ¹	Unit														
Bromomethane	5	µg/L	<1.0 U	<0.69 U	<1.0 U	<2 U	<1.6 U	<1.0 U	<0.69 U	<1.0 U	<2 U	<1.6 U	<20 U	<0.69 U	<0.69 U	<0.69 U
Carbon Disulfide	60	µg/L	<1.0 U	<0.19 U	<1.0 U	<5 U	<1.8 U	<1.0 U	<0.19 U	<1.0 U	<5 U	<1.8 U	<20 U	<0.19 U	<0.19 U	<0.19 U
Carbon Tetrachloride	5	µg/L	<1.0 U	<0.27 U	<1.0 U	<5 U	<0.55 U	<1.0 U	<0.27 U	<1.0 U	<5 U	<0.55 U	<20 U	<0.27 U	<0.27 U	<0.27 U
Chlorobenzene	5	µg/L	<1.0 U	<0.75 U	<1.0 U	<1 U	<0.56 U	<1.0 U	<0.75 U	<1.0 U	<1 U	<0.56 U	<20 U	<0.75 U	<0.75 U	<0.75 U
Chloroethane	5	µg/L	<1.0 U	<0.32 U	<1.0 U	<2 U	<0.73 U	<1.0 U	<0.32 U	<1.0 U	<2 U	<0.73 U	<20 U	<0.32 U	<0.32 U	0.72 J
Chloroform	7	µg/L	<1.0 U	<0.34 U	<1.0 U	<2 U	<0.5 U	<1.0 U	0.37 J	<1.0 U	0.91 J	<0.5 U	<20 U	<0.34 U	<0.34 U	<0.34 U
Chloromethane (Methyl Chloride)	NSL	µg/L	<1.0 U	<0.35 U	<1.0 U	<2 U	<0.76 U	<1.0 U	<0.35 U	<1.0 U	<2 U	<0.76 U	<20 U	<0.35 U	<0.35 U	<0.35 U
Cis-1,2-Dichloroethylene	5	µg/L	<1.0 U	<0.81 U	0.29 J	<1 U	<0.51 U	<1.0 U	<0.81 U	<1.0 U	<1 U	<0.51 U	<20 U	2.5	1.8	14
Cis-1,3-Dichloropropene	0.4	µg/L	<1.0 U	<0.36 U	<1.0 U	<0.5 U	<0.47 U	<1.0 U	<0.36 U	<1.0 U	<0.5 U	<0.47 U	<20 U	<0.36 U	<0.36 U	<0.36 U
Cyclohexane	NSL	µg/L	<1.0 U	<0.18 U	<1.0 U	<5 U	<0.78 U	<1.0 U	<0.18 U	<1.0 U	<5 U	<0.78 U	<20 U	<0.18 U	<0.18 U	1.7
Cymene	NSL	µg/L	<1.0 U	<0.31 U	<1.0 U	NA	NA	<1.0 U	<0.31 U	<1.0 U	NA	NA	12 J	<0.31 U	<0.31 U	<0.31 U
Dibromochloromethane	50	µg/L	<1.0 U	<0.32 U	<1.0 U	<0.5 U	<0.56 U	<1.0 U	<0.32 U	<1.0 U	<0.5 U	<0.56 U	<20 U	<0.32 U	<0.32 U	<0.32 U
Dibromomethane	5	µg/L	<1.0 U	<0.41 U	NA	NA	NA	<1.0 U	<0.41 U	NA	NA	NA	<20 U	<0.41 U	<0.41 U	<0.41 U
Dichlorodifluoromethane	5	µg/L	<1.0 U	<0.68 U	<1.0 U	<2 U	<0.56 U	<1.0 U	<0.68 U	<1.0 U	<2 U	<0.56 U	<20 U	<0.68 U	<0.68 U	<0.68 U
Ethylbenzene	5	µg/L	<1.0 U	<0.74 U	<1.0 U	<1 U	<0.6 U	<1.0 U	<0.74 U	<1.0 U	<1 U	<0.6 U	43	<0.74 U	<0.74 U	70
Hexachlorobutadiene	0.5	µg/L	<1.0 U	<0.28 U	NA	NA	NA	<1.0 U	<0.28 U	NA	NA	NA	<20 U	<0.28 U	<0.28 U	<0.28 U
Iodomethane (Methyl Iodide)	NSL	µg/L	<1.0 U	<0.30 U	NA	NA	NA	<1.0 U	<0.30 U	NA	NA	NA	<20 U	<0.30 U	<0.30 U	<0.30 U
Isopropylbenzene (Cumene)	5	µg/L	<1.0 U	<0.79 U	<1.0 U	<1 U	<0.65 U	<1.0 U	<0.79 U	<1.0 U	<1 U	<0.65 U	<20 U	<0.79 U	<0.79 U	19
Methyl Acetate	NSL	µg/L	<2.5 U	<1.3 U	<5.0 U	<1 U	<0.8 U	<2.5 U	<1.3 U	<5.0 U	<1 U	<0.8 U	<50 U	<1.3 U	<1.3 U	<1.3 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	5.8 J	<1.3 U	<5.0 U	<20 U	<1.3 U	1.5 J	<2.7 U	<5.0 U	<20 U	<2.7 U	<200 U	<1.3 U	<1.3 U	<1.3 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	<5.0 U	<2.1 U	<5.0 U	<10 U	<4.9 U	<5.0 U	<2.1 U	<5.0 U	<10 U	<4.9 U	<100 U	<2.1 U	<2.1 U	<2.1 U
Methylcyclohexane	NSL	µg/L	<1.0 U	<0.16 U	<1.0 U	<1 U	<0.6 U	<1.0 U	<0.16 U	<1.0 U	<1 U	<0.6 U	<20 U	<0.16 U	<0.16 U	4.2
Methylene Chloride	5	µg/L	<1.0 U	<0.44 U	<1.0 U	<5 U	<1 U	<1.0 U	<0.44 U	<1.0 U	<5 U	<1 U	<20 U	<0.44 U	<0.44 U	<0.44 U
M-P-Xylene	NSL	µg/L	<2.0 U	<0.66 U	<1.0 U	NA	<0.78 U	<2.0 U	<0.66 U	<1.0 U	NA	<0.78 U	54	<0.66 U	<0.66 U	1.2 J
Naphthalene	10	µg/L	<1.0 U	<0.43 U	<1.0 U	NA	NA	<1.0 U	<0.43 U	<1.0 U	NA	NA	<20 U	<0.43 U	<0.43 U	<0.43 U
N-Butylbenzene	5	µg/L	<1.0 U	<0.64 U	<1.0 U	NA	NA	<1.0 U	<0.64 U	<1.0 U	NA	NA	30	<0.64 U	<0.64 U	18
N-Propylbenzene	NSL	µg/L	<1.0 U	<0.69 U	<1.0 U	NA	NA	<1.0 U	<0.69 U	<1.0 U	NA	NA	15 J	<0.69 U	<0.69 U	28
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	<1.0 U	<0.76 U	<1.0 U	NA	<0.59 U	<1.0 U	<0.76 U	<1.0 U	NA	<0.59 U	120	<0.76 U	<0.76 U	42
Sec-Butylbenzene	5	µg/L	<1.0 U	<0.75 U	<1.0 U	NA	NA	<1.0 U	<0.75 U	<1.0 U	NA	NA	<20 U	<0.75 U	<0.75 U	<0.75 U
Styrene	5	µg/L	<1.0 U	<0.73 U	<1.0 U	<1 U	<0.49 U	<1.0 U	<0.73 U	<1.0 U	<1 U	<0.49 U	<20 U	<0.73 U	<0.73 U	<0.73 U
T-Butylbenzene	5	µg/L	<1.0 U	<0.81 U	<1.0 U	NA	NA	<1.0 U	<0.81 U	<1.0 U	NA	NA	<20 U	<0.81 U	<0.81 U	<0.81 U
Tert-Butyl Methyl Ether	10	µg/L	<1.0 U	<0.16 U	<1.0 U	<1 U	<0.51 U	<1.0 U	<0.16 U	<1.0 U	<1 U	<0.51 U	<20 U	<0.16 U	<0.16 U	<0.16 U
Tetrachloroethylene (PCE)	5	µg/L	<1.0 U	<0.36 U	<1.0 U	<1 U	<0.56 U	<1.0 U	<0.36 U	<1.0 U	<1 U	<0.56 U	<20 U	<0.36 U	<0.36 U	0.52 J
Toluene	5	µg/L	<1.0 U	<0.51 U	<1.0 U	<1 U	<0.49 U	<1.0 U	<0.51 U	<1.0 U	<1 U	<0.49 U	<20 U	<0.51 U	<0.51 U	<0.51 U
Trans-1,2-Dichloroethene	5	µg/L	<1.0 U	<0.90 U	<1.0 U	<1 U	<0.54 U	<1.0 U	<0.90 U	<1.0 U	<1 U	<0.54 U	<20 U	<0.90 U	<0.90 U	<0.90 U
Trans-1,3-Dichloropropene	0.4	µg/L	<1.0 U	<0.37 U	<1.0 U	<0.5 U	<0.43 U	<1.0 U	<0.37 U	<1.0 U	<0.5 U	<0.43 U	<20 U	<0.37 U	<0.37 U	<0.37 U
Trichloroethylene (TCE)	5	µg/L	<1.0 U	<0.46 U	<1.0 U	<1 U	<0.53 U	0.49 J	<0.46 U	<1.0 U	<1 U	<0.53 U	<20 U	<0.46 U	<0.46 U	0.63 J
Trichlorofluoromethane	5	µg/L	<1.0 U	<0.88 U	<1.0 U	<2 U	<0.4 U	<1.0 U	<0.88 U	<1.0 U	<2 U	<0.4 U	<20 U	<0.88 U	<0.88 U	<0.88 U
Vinyl Acetate	NSL	µg/L	<5.0 U	<0.85 U	NA	NA	NA	<5.0 U	<0.85 U	NA	NA	NA	<100 U	<0.85 U	<0.85 U	<0.85 U
Vinyl Chloride	2	µg/L	<1.0 U	<0.90 U	<1.0 U	<2 U	<0.52 U	<1.0 U	<0.90 U	<1.0 U	<2 U	<0.52 U	<20 U	<0.90 U	<0.90 U	<0.90 U
Xylenes	5	µg/L	<2.0 U	<0.66 U	<2.0 U	<1 U	<0.59 U	<2.0 U	<0.66 U	<2.0 U	<1 U	<0.59 U	170	<0.66 U	<0.66 U	43
Pesticides (SW8081)																
Alachlor	NSL	µg/L	NA	NA	NA	<0.18 U	NA	NA	NA	NA	<0.18 U	NA	NA	NA	NA	NA
Aldrin	NSL	µg/L	<0.053 U	<0.0081 U	<0.020 U	<0.045 U	<0.0041 U	<0.051 U	<0.0081 U	<0.020 U	<0.046 U	<0.0041 U	<0.25 U	<0.016 U	<0.0076 U	<0.038 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	<0.053 U	<0.0077 U	<0.020 U	<0.045 U	<0.0042 U	<0.051 U	<0.0077 U	<0.020 U	<0.046 U	<0.0042 U	<0.25 U	0.030 J	<0.0072 U	<0.036 U
Alpha Endosulfan	NSL	µg/L	<0.053 U	<0.011 U	<0.020 U	<0.045 U	<0.0042 U	<0.051 U	<0.011 U	<0.020 U	<0.046 U	<0.0042 U	<0.25 U	<0.022 U	<0.010 U	<0.051 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	<0.053 U	<0.025 U	<0.020 U	<0.045 U	0.01	<0.051 U	<0.025 U	<0.020 U	<0.046 U	<0.0064 U	<0.25 U	<0.049 U	<0.023 U	<0.12 U
Beta Endosulfan	NSL	µg/L	<0.053 U	<0.012 U	<0.020 U	<0.073 U	<0.0039 U	<0.051 U	<0.012 U	<0.020 U	<0.073 U	<0.0039 U	<0.25 U	<0.024 U	<0.011 U	<0.056 U
Chlordane	0.05	µg/L	NA	NA	NA	<0.18 U	NA	NA	NA	NA	<0.18 U	NA	NA	NA	NA	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	<0.053 U	<0.015 U	<0.020 U	NA	<0.0039 U	<0.051 U	<0.015 U	<0.020 U	NA	<0.0039 U	<0.25 U	<0.029 U	<0.014 U	<0.069 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	<0.053 U	<0.010 U	<0.020 U	<0.045 U	<0.0053 U	<0.051 U	<0.010 U	<0.020 U	<0.046 U	<0.0053 U	<0.25 U	<0.020 U	0.014 J	<0.047 U
Dieldrin	0.004	µg/L	<0.053 U	<0.0098 U	<0.020 U	<0.0018 U	<0.0061 U	<0.051 U	<0.0098 U	<0.020 U	<0.0018 U	<0.0061 U	<0.25 U	<0.019 U	<0.0092 U	<0.046 U
Endosulfan Sulfate	NSL	µg/L	<0.053 U	<0.016 U	<0.020 U	<0.073 U	<0.0044 U	<0.051 U	<0.016 U	<0.020 U	<0.073 U	<0.0044 U	<0.25 U	<0.031 U	<0.015 U	<0.073 U
Endrin	NSL	µg/L	<0.053 U	<0.014 U	<0.020 U	<0.073 U	<0.0048 U	<0.051 U	<0.014 U	<0.020 U	<0.073 U	<0.0048 U	<0.25 U	<0.027 U	<0.013 U	<0.064 U
Endrin Aldehyde	5	µg/L	<0.053 U	<0.016 U	<0.020 U	<0.073 U	<0.0054 U	<0.051 U	<0.016 U	<0.020 U	<0.073 U	<0.0054 U	<0.25 U	<0.032 U	<0.015 U	<0.076 U
Endrin Ketone	5	µg/L	<0.053 U	<0.012 U	<0.020 U	<0.073 U	<0.005 U	<0.051 U	<0.012 U	<0.020 U	<0.073 U	<0.005 U	<0.25 U	<0.024 U	<0.011 U	<0.056 U
Gamma Bhc (Lindane)	NSL	µg/L	<0.053 U	<0.0080 U	<0.020 U	<0.027 U	<0.0048 U	<0.051 U	<0.0080 U	<0.020 U	<0.028 U	<0.0048 U	<0.25 U	0.017 J	0.0089 J	<0.037 U
Heptachlor	0.04	µg/L	<0.053 U	<0.0085 U	<0.020 U	<0.045 U	<0.0036 U	<0.051 U	<0.0085 U	<0.020 U	<0.046 U	<0.0036 U	<0.25 U	<0.017 U	<0.0080 U	<0.040 U
Heptachlor Epoxide	0.03	µg/L	<0.053 U	<0.0074 U	<0.020 U	<0.045 U	<0.0048 U	<0.051 U	<0.0074 U	<0.020 U	<0.046 U	<0.0048 U	<0.25 U	<0.015 U	<0.0069 U	<0.034 U
Hexachlorobenzene	0.04	µg/L	NA	NA	NA	<0.045 U	NA	NA	NA	NA	<0.046 U	NA	NA	NA	NA	NA
Methoxychlor	35	µg/L	<0.053 U	<0.014 U	<0.020 U	<0.45 U	<0.0054 U	<0.051 U	<0.014 U	<0.020 U	<0.46 U	<0.0054 U	<0.25 U	<0.028 U	<0.013 U	<0.066 U
P,P'-DDD	0.3	µg/L	<0.053 U	<0.0092 U	<0.020 U	<0.036 U	<0.0046 U	<0.051 U	<0.0092 U	<0.020 U	<0.037 U	<0.0046 U	<0.25 U	<0.018 U	<0.0086 U	<0.043 U
P,P'-DDE	0.2	µg/L	<0.053 U	<0.012 U	<0.020 U	<0.036 U										

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-19 10/15/2015 MW-19-20151015	MW-19 3/15/2017 MW-19 031517	MW-19 5/16/2019 MW-19 051619-20190516	MW-19 5/23/2023 518014-MW-19	MW-19 8/8/2024 518014-MW-19	MW-20 10/15/2015 MW-20-20151015	MW-20 3/15/2017 MW-20 031517	MW-20 5/16/2019 MW-20 051619-20190516	MW-20 5/23/2023 518014-MW-20	MW-20 8/8/2024 518014-MW-20	MW-21 10/15/2015 MW-21-20151015	MW-21 3/8/2016 030816-20160308	MW-21 5/31/2016 MW-21 053116	MW-21 9/14/2016 MW-21 091416
Analyte	NYSDEC AWQS ¹	Unit														
SVOCs (SW8270)																
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	< 9.3 U	< 0.48 U	NA	NA	NA	< 9.2 U	< 0.54 U	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	< 0.20 U	< 0.40 U	0.11 J	< 0.2 U	NA	< 0.20 U	< 0.40 U	< 0.2 U	< 0.22 U	NA	NA	NA	NA
2,4,5-Trichlorophenol	NSL	µg/L	< 5.0 U	< 0.48 U	< 10 U	< 9.3 U	< 0.64 U	< 5.0 U	< 0.48 U	< 10 U	< 9.2 U	< 0.71 U	< 5.7 U	< 0.44 U	< 0.45 U	< 0.45 U
2,4,6-Trichlorophenol	NSL	µg/L	< 5.0 U	< 0.61 U	< 10 U	< 9.3 U	< 0.49 U	< 5.0 U	< 0.61 U	< 10 U	< 9.2 U	< 0.54 U	< 5.7 U	< 0.56 U	< 0.57 U	< 0.57 U
2,4-Dichlorophenol	5	µg/L	< 5.0 U	< 0.51 U	< 10 U	< 9.3 U	< 0.59 U	< 5.0 U	< 0.51 U	< 10 U	< 9.2 U	< 0.66 U	< 5.7 U	< 0.47 U	< 0.47 U	< 0.47 U
2,4-Dimethylphenol	50	µg/L	< 5.0 U	< 0.50 U	< 10 U	< 9.3 U	< 0.52 U	< 5.0 U	< 0.50 U	< 10 U	< 9.2 U	< 0.58 U	2.4 J	< 0.46 U	< 0.46 U	< 0.46 U
2,4-Dinitrophenol	10	µg/L	< 10 U	< 2.2 U	< 20 U	< 9.3 UJ	< 0.67 U	< 10 U	< 2.2 U	< 20 U	< 9.2 UJ	< 0.75 U	< 11 U	< 2.0 U	< 2.1 U	< 2.1 U
2,4-Dinitrotoluene	5	µg/L	< 5.0 U	< 0.45 U	< 2.0 U	< 9.3 U	< 1.9 U	< 5.0 U	< 0.45 U	< 2.0 U	< 9.2 U	< 2.1 U	< 5.7 U	< 0.41 U	< 0.42 U	< 0.41 U
2,6-Dinitrotoluene	5	µg/L	< 5.0 U	< 0.40 U	< 2.0 U	< 9.3 U	< 0.55 U	< 5.0 U	< 0.40 U	< 2.0 U	< 9.2 U	< 0.61 U	< 5.7 U	< 0.37 U	< 0.37 U	< 0.37 U
2-Chloronaphthalene	10	µg/L	< 5.0 U	< 0.46 U	< 10 U	< 9.3 U	< 0.56 U	< 5.0 U	< 0.46 U	< 10 U	< 9.2 U	< 0.62 U	< 5.7 U	< 0.42 U	< 0.43 U	< 0.43 U
2-Chlorophenol	1	µg/L	< 5.0 U	< 0.53 U	< 10 U	< 9.3 U	< 0.43 U	< 5.0 U	< 0.53 U	< 10 U	< 9.2 U	< 0.48 U	< 5.7 U	< 0.49 U	< 0.49 U	< 0.49 U
2-Methylnaphthalene	NSL	µg/L	< 5.0 U	< 0.60 U	< 10 U	< 4.6 U	< 0.37 U	< 5.0 U	< 0.60 U	< 10 U	< 4.6 U	< 0.41 U	< 5.7 U	< 0.55 U	< 0.56 U	< 0.56 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 5.0 U	< 0.40 U	< 10 U	< 9.3 U	< 0.64 U	< 5.0 U	< 0.40 U	< 10 U	< 9.2 U	< 0.72 U	< 5.7 U	< 0.37 U	< 0.37 U	< 0.37 U
2-Nitroaniline	5	µg/L	< 10 U	< 0.42 U	< 10 U	< 9.3 U	< 0.47 U	< 10 U	< 0.42 U	< 10 U	< 9.2 U	< 0.52 U	< 11 U	< 0.39 U	< 0.39 U	< 0.39 U
2-Nitrophenol	NSL	µg/L	< 5.0 U	< 0.48 U	< 10 U	< 9.3 U	< 0.62 U	< 5.0 U	< 0.48 U	< 10 U	< 9.2 U	< 0.68 U	< 5.7 U	< 0.44 U	< 0.45 U	< 0.45 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	< 9.3 U	< 0.4 U	NA	NA	NA	< 9.2 U	< 0.44 U	NA	NA	NA	NA
3,3'-Dichlorobenzidine	5	µg/L	< 5.0 U	< 0.40 U	< 10 U	< 9.3 U	< 1.1 U	< 5.0 U	< 0.40 U	< 10 U	< 9.2 U	< 1.2 U	< 5.7 U	< 0.37 U	< 0.37 U	< 0.37 U
3-Nitroaniline	5	µg/L	< 10 U	< 0.48 U	< 10 U	< 9.3 U	< 0.64 U	< 10 U	< 0.48 U	< 10 U	< 9.2 U	< 0.71 U	< 11 U	< 0.44 U	< 0.45 U	< 0.45 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 10 U	< 2.2 U	< 20 U	< 19 UJ	< 1.5 U	< 10 U	< 2.2 U	< 20 U	< 18 UJ	< 1.7 U	< 11 U	< 2.0 U	< 2.0 U	< 2.0 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 5.0 U	< 0.45 U	< 10 U	< 9.3 U	< 0.55 U	< 5.0 U	< 0.45 U	< 10 U	< 9.2 U	< 0.61 U	< 5.7 U	< 0.42 U	< 0.42 U	< 0.42 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 5.0 U	< 0.45 U	< 10 U	< 9.3 U	< 0.53 U	< 5.0 U	< 0.45 U	< 10 U	< 9.2 U	< 0.59 U	< 5.7 U	< 0.42 U	< 0.42 U	< 0.42 U
4-Chloroaniline	5	µg/L	< 5.0 U	< 0.59 U	< 10 U	< 9.3 U	< 0.53 U	< 5.0 U	< 0.59 U	< 10 U	< 9.2 U	< 0.59 U	< 5.7 U	< 0.54 U	< 0.55 U	< 0.55 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 5.0 U	< 0.35 U	< 10 U	< 9.3 U	< 0.6 U	< 5.0 U	< 0.35 U	< 10 U	< 9.2 U	< 0.66 U	< 5.7 U	< 0.32 U	< 0.33 U	< 0.32 U
4-Methylphenol (P-Cresol)	NSL	µg/L	< 10 U	< 0.36 U	< 10 U	NA	< 1.5 U	< 10 U	< 0.36 U	< 10 U	NA	< 1.7 U	1.7 J	< 0.33 U	< 0.33 U	< 0.33 U
4-Nitroaniline	5	µg/L	< 10 U	< 0.25 U	< 10 U	< 9.3 U	< 0.75 U	< 10 U	< 0.25 U	< 10 U	< 9.2 U	< 0.83 U	< 11 U	< 0.23 U	< 0.23 U	< 0.23 U
4-Nitrophenol	NSL	µg/L	< 10 U	< 1.5 U	< 20 U	< 9.3 U	< 0.45 U	< 10 U	< 1.5 U	< 20 U	< 9.2 U	< 0.5 U	< 11 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	20	µg/L	< 5.0 U	< 0.41 U	< 10 U	< 4.6 U	< 0.61 U	< 5.0 U	< 0.41 U	< 10 U	< 4.6 U	< 0.68 U	< 5.7 U	< 0.38 U	< 0.38 U	< 0.38 U
Acenaphthylene	NSL	µg/L	< 5.0 U	< 0.38 U	< 10 U	< 4.6 U	< 0.42 U	< 5.0 U	< 0.38 U	< 10 U	< 4.6 U	< 0.47 U	< 5.7 U	< 0.35 U	< 0.35 U	< 0.35 U
Acetophenone	NSL	µg/L	< 5.0 U	< 0.54 U	< 10 U	< 9.3 U	< 0.52 U	< 5.0 U	< 0.54 U	< 10 U	< 9.2 U	< 0.57 U	< 5.7 U	< 0.50 U	< 0.50 U	< 0.50 U
Anthracene	50	µg/L	< 5.0 U	< 0.28 U	< 10 U	< 4.6 U	< 0.56 U	< 5.0 U	< 0.28 U	< 10 U	< 4.6 U	< 0.62 U	< 5.7 U	< 0.26 U	< 0.26 U	< 0.26 U
Atrazine	NSL	µg/L	< 5.0 U	< 0.46 U	< 2.0 U	< 19 U	< 0.72 U	< 5.0 U	< 0.46 U	< 2.0 U	< 18 U	< 0.8 U	< 5.7 U	< 0.42 U	< 0.43 U	< 0.43 U
Benzaldehyde	NSL	µg/L	< 5.0 U	< 0.27 U	< 10 U	< 9.3 UJ	< 0.44 U	< 5.0 U	< 0.27 U	< 10 U	< 9.2 UJ	< 0.48 U	< 5.7 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(A)Anthracene	0.002	µg/L	< 5.0 U	< 0.36 U	< 1.0 U	< 4.6 U	< 0.51 U	< 5.0 U	< 0.36 U	< 1.0 U	< 4.6 U	< 0.57 U	< 5.7 U	< 0.33 U	< 0.33 U	< 0.33 U
Benzo(A)Pyrene	NSL	µg/L	< 5.0 U	< 0.47 U	< 1.0 U	< 4.6 U	< 0.63 U	< 5.0 U	< 0.47 U	< 1.0 U	< 4.6 U	< 0.7 U	< 5.7 U	< 0.43 U	< 0.44 U	< 0.44 U
Benzo(B)Fluoranthene	0.002	µg/L	< 5.0 U	< 0.34 U	< 2.0 U	< 4.6 U	< 0.57 U	< 5.0 U	< 0.34 U	< 2.0 U	< 4.6 U	< 0.63 U	< 5.7 U	< 0.31 U	< 0.32 U	< 0.32 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 5.0 U	< 0.35 U	< 10 U	< 4.6 U	< 0.64 U	< 5.0 U	< 0.35 U	< 10 U	< 4.6 U	< 0.71 U	< 5.7 U	< 0.32 U	< 0.33 U	< 0.32 U
Benzo(K)Fluoranthene	0.002	µg/L	< 5.0 U	< 0.73 U	< 1.0 U	< 4.6 U	< 0.48 U	< 5.0 U	< 0.73 U	< 1.0 U	< 4.6 U	< 0.53 U	< 5.7 U	< 0.67 U	< 0.68 U	< 0.68 U
Benzyl Butyl Phthalate	50	µg/L	0.52 J	< 1.0 U	< 10 U	< 9.3 UJ	< 0.86 U	0.49 J	< 1.0 U	< 10 U	< 9.2 UJ	< 0.96 U	0.61 J	< 0.39 U	< 0.93 U	< 0.93 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 5.0 U	< 0.65 U	< 10 U	< 19 U	< 0.59 U	< 5.0 U	< 0.65 U	< 10 U	< 18 U	< 0.65 U	< 5.7 U	< 0.60 U	< 0.61 U	< 0.61 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 5.0 U	< 0.35 U	< 10 U	< 9.3 U	< 0.46 U	< 5.0 U	< 0.35 U	< 10 U	< 9.2 U	< 0.51 U	< 5.7 U	< 0.32 U	< 0.33 U	< 0.32 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 5.0 U	< 0.40 U	< 1.0 U	< 9.3 U	< 0.43 U	< 5.0 U	< 0.40 U	< 1.0 U	< 9.2 U	< 0.48 U	< 5.7 U	< 0.37 U	< 0.37 U	< 0.37 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 5.0 U	< 0.52 U	< 10 U	< 9.3 U	< 0.5 U	< 5.0 U	< 0.52 U	< 10 U	< 9.2 U	< 0.55 U	< 5.7 U	< 0.48 U	< 0.48 U	< 0.48 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 5.0 U	< 2.2 U	< 2.0 U	< 9.3 UJ	< 1.3 U	< 5.0 U	< 2.2 U	< 2.0 U	< 9.2 UJ	< 1.5 U	< 5.7 U	< 1.7 U	< 2.0 U	< 2.0 U
Caprolactam	NSL	µg/L	< 5.0 U	< 2.2 U	< 10 U	< 9.3 UJ	< 0.35 U	< 5.0 U	< 2.2 U	< 10 U	< 9.2 UJ	< 0.39 U	< 5.7 U	< 2.0 U	< 2.0 U	< 2.0 U
Carbazole	NSL	µg/L	< 5.0 U	< 0.30 U	< 10 U	< 9.3 U	< 0.58 U	< 5.0 U	< 0.30 U	< 10 U	< 9.2 U	< 0.64 U	< 5.7 U	< 0.28 U	< 0.28 U	< 0.28 U
Chrysene	0.002	µg/L	< 5.0 U	< 0.33 U	< 2.0 U	< 4.6 U	< 0.52 U	< 5.0 U	< 0.33 U	< 2.0 U	< 4.6 U	< 0.58 U	< 5.7 U	< 0.30 U	< 0.31 U	< 0.31 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 5.0 U	< 0.42 U	< 1.0 U	< 4.6 U	< 0.5 U									

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-21 12/6/2016 MW-21 12016	MW-21 3/17/2017 MW-21 031717	MW-21 6/13/2017 MW-21 061317	MW-21 5/16/2019 MW-21 051619-20190516	MW-21 5/23/2023 518014-MW-21	MW-21 8/8/2024 518014-MW-21	MW-22 10/14/2015 MW-22-20151014	MW-22 12/8/2015 MW-22 120815-20151208	MW-22 3/8/2016 MW-22 030816-20160308	MW-22 3/8/2016 DUP-1 030816-20160308 MW-22 030816-20160308	MW-22 5/31/2016 MW-22 053116	MW-22 9/14/2016 MW-22 091416	MW-22 12/7/2016 MW-22 12016
Analyte	NYSDEC AWQS ¹	Unit													
PFAS (E537/E1633)															
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	NA	NA	NA	< 3.6 U	< 1.9 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	< 82 U	< 3.6 U	< 1.6 U	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 2.4 U	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	< 82 U	< 3.6 U	< 0.98 U	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	< 45 U	< 7.7 U	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	< 45 U	< 6.7 U	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	< 9.1 U	< 2.6 U	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 1.3 U	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 2.6 U	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 1.9 U	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 0.57 U	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	NA	< 82 UJ	8.4	10	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	< 9.1 U	< 4.0 U	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 0.69 U	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	< 82 UJ	< 0.91 U	< 0.55 U	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	< 9.1 U	< 3.0 U	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 0.29 U	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 0.32 U	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 0.60 U	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	1.1 J	< 2.0 U	5.4 J	3.8	1.6 J	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	< 8.2 U	< 3.6 U	< 1.0 U	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	< 8.2 U	< 0.91 U	< 1.2 U	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	< 8.2 U	< 0.91 U	< 0.67 U	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 0.43 U	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	< 8.2 UJ	< 0.91 U	< 0.83 U	NA	NA	NA	NA	NA	NA
Perfluorooheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	2.1	4.3	NA	NA	NA	NA	NA	NA
Perfluorooheptanoic acid (PFHpA)	NSL	ng/L	NA	< 0.80 U	5	< 8.2 U	3.4	3	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	1.5 J	3	< 8.2 UJ	4.1	6.2	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	< 8.2 U	3.3	2.1 J	NA	NA	NA	NA	NA	NA	NA
Perfluoronanesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 1.6 U	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	1.4 J	1.4 J	< 8.2 UJ	1.5	5.3	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	NA	NA	< 8.2 U	4.2	8.4	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	350	310	510 J	190	1060	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	16	27	7.0 J	19	30	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	1.1	1.1 J	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	3.2 J	< 1.8 U	< 0.79 U	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	NA	< 8.2 UJ	< 0.91 U	< 0.82 U	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	NA	NA	NA	< 8.2 U	< 0.91 U	< 0.85 U	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	< 8.2 U	< 0.91 U	< 0.59 U	NA	NA	NA	NA	NA	NA
VOCs (SW8260)															
1,1,1,2-Tetrachloroethane	5	µg/L	< 0.35 U	< 0.35 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.82 U	< 0.82 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U	< 5.0 U	< 10 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 0.21 U	< 0.21 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.65 U	< 5.0 U	< 10 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 0.31 U	< 0.31 U	< 1.0 U	< 1.0 U	< 1 U	< 0.58 U	< 5.0 U	< 10 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
1,1,2-Trichloroethane	1	µg/L	< 0.23 U	< 0.23 U	< 1.0 U	< 1.0 U	< 1 U	< 0.53 U	< 5.0 U	< 10 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,1-Dichloroethane	5	µg/L	< 0.38 U	< 0.38 U	< 1.0 U	< 1.0 U	< 1 U	< 0.57 U	< 5.0 U	< 10 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
1,1-Dichloroethene	5	µg/L	< 0.29 U	< 0.29 U	< 1.0 U	< 1.0 U	< 1 U	< 0.59 U	< 5.0 U	< 10 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
1,1-Dichloropropene	5	µg/L	< 0.72 U	< 0.72 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U
1,2,3-Trichlorobenzene	5	µg/L	< 0.41 U	< 0.41 U	< 1.0 U	NA	< 5 U	< 0.5 U	< 5.0 U	< 10 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
1,2,3-Trichloropropane	0.04	µg/L	< 0.89 U	< 0.89 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 4.5 U	< 4.5 U	< 4.5 U	< 4.5 U	< 4.5 U
1,2,4-Trichlorobenzene	5	µg/L	< 0.41 U	< 0.41 U	< 1.0 U	< 1.0 U	< 1 U	< 0.5 U	< 5.0 U	< 10 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
1,2,4-Trimethylbenzene	NSL	µg/L	< 0.75 U	< 0.75 U	< 1.0 U	< 1.0 U	NA	NA	21	26	19	13	5.9	< 3.8 U	< 3.8 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.39 U	< 0.39 U	< 1.0 U	< 1.0 U	< 5 U	< 0.53 U	< 5.0 U	< 10 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 0.73 U	< 0.73 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.48 U	< 5.0 U	< 10 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2-Dichlorobenzene	3	µg/L	< 0.79 U	< 0.79 U	< 1.0 U	< 1.0 U	1.3	3	< 5.0 U	< 10 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
1,2-Dichloroethane	0.6	µg/L	< 0.21 U	< 0.21 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U	< 5.0 U	< 10 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
1,2-Dichloropropane	1	µg/L	< 0.72 U	< 0.72 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U	< 5.0 U	< 10 U	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	< 0.77 U	< 0.77 U	< 1.0 U	< 1.0 U	NA	NA	11	13	15	16	5.2	< 3.9 U	< 3.9 U
1,3-Dichlorobenzene	3	µg/L	< 0.78 U	< 0.78 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U	< 5.0 U	< 10 U	< 3.9 U	< 3.9 U	< 3.9 U	< 3.9 U	< 3.9 U
1,3-Dichloropropane	5	µg/L	< 0.75 U	< 0.75 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U
1,4-Dichlorobenzene	3	µg/L	< 0.84 U	< 0.84 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U	< 5.0 U	< 10 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	< 0.20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NSL	µg/L	< 0.40 U	< 0.40 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Chlorotoluene	NSL	µg/L	< 0.86 U	< 0.86 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 4.3 U	< 4.3 U	< 4.3 U	< 4.3 U	< 4.3 U
2-Hexanone	50	µg/L	< 1.2 U	< 1.2 U	< 5.0 U	< 5.0 U	< 10 U	< 4.8 U	< 25 U	< 50 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
4-Chlorotoluene	NSL	µg/L	< 0.84 U	< 0.84 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U
Acetone	50	µg/L	< 3.0 U	< 3.0 U	< 10 U	< 5.0 U	< 50 U	< 3.1 U	< 90 U	< 100 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
Benzene	1	µg/L	< 0.41 U	< 0.41 U	< 1.0 U	< 1.0 U	< 1 U	< 0.43 U	< 5.0 U	< 10 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromobenzene	NSL	µg/L	< 0.80 U	< 0.80 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
Bromochloromethane	5	µg/L	< 0.87 U	< 0.87 U	< 1.0 U	NA	< 1 U	< 0.48 U	< 5.0 U	< 10 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Bromodichloromethane	50	µg/L	< 0.39 U	< 0.39 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.45 U	< 5.0 U	< 10 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Bromoforn	50	µg/L	< 0.26 U	< 0.26 U	< 1.0 U	< 1.0 U	< 1 U	< 0.63 U	< 5.0 U	< 10 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U

Notes:
(1) NYSDCE Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated, biased high
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL - No screening level available
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

		Location ID Sample Date Sample Name	MW-21 12/6/2016 MW-21 12016	MW-21 3/17/2017 MW-21 031717	MW-21 6/13/2017 MW-21 061317	MW-21 5/16/2019 MW-21 051619-20190516	MW-21 5/23/2023 518014-MW-21	MW-21 8/8/2024 518014-MW-21	MW-22 10/14/2015 MW-22-20151014	MW-22 12/8/2015 MW-22 120815-20151208	MW-22 3/8/2016 MW-22 030816-20160308	MW-22 3/8/2016 DUP-1 030816-20160308 MW-22 030816-20160308	MW-22 5/31/2016 MW-22 053116	MW-22 9/14/2016 MW-22 091416	MW-22 12/7/2016 MW-22 12016
		Parent Sample ID													
Analyte	NYSDEC AWQS ¹	Unit													
Bromomethane	5	µg/L	< 0.69 U	< 0.69 U	< 1.0 U	< 1.0 U	< 2 U	< 1.6 U	< 5.0 U	< 10 U	< 3.5 U	< 3.5 U	< 3.5 U	< 3.5 U	< 3.5 U
Carbon Disulfide	60	µg/L	< 0.19 U	< 0.19 U	< 1.0 U	< 1.0 U	< 5 U	< 1.8 U	< 5.0 U	< 10 U	< 0.95 U	< 0.95 U	< 0.95 U	< 0.95 U	< 0.95 U
Carbon Tetrachloride	5	µg/L	< 0.27 U	< 0.27 U	< 1.0 U	< 1.0 U	< 5 U	< 0.55 U	< 5.0 U	< 10 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Chlorobenzene	5	µg/L	< 0.75 U	< 0.75 U	< 1.0 U	< 1.0 U	< 1 U	< 0.56 U	< 5.0 U	< 10 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U
Chloroethane	5	µg/L	< 0.32 U	< 0.32 U	< 1.0 U	< 1.0 U	< 2 U	< 0.73 U	< 5.0 U	< 10 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 1.0 U	< 1.0 U	< 2 U	< 0.5 U	< 5.0 U	< 10 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 0.35 U	< 0.35 U	< 1.0 U	< 1.0 U	< 2 U	< 0.76 U	< 5.0 U	< 10 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.81 U	< 0.81 U	0.93 J	< 1.0 U	1.4	1.7	< 5.0 U	< 10 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.36 U	< 0.36 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.47 U	< 5.0 U	< 10 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Cyclohexane	NSL	µg/L	< 0.18 U	< 0.18 U	< 1.0 U	< 1.0 U	< 5 U	< 0.78 U	< 5.0 U	< 10 U	< 0.90 U	< 0.90 U	< 0.90 U	< 0.90 U	< 0.90 U
Cymene	NSL	µg/L	< 0.31 U	< 0.31 U	< 1.0 U	< 1.0 U	NA	NA	6.3	8.2 J	5.8	5.1	3.1 J	1.7 J	< 1.6 U
Dibromochloromethane	50	µg/L	< 0.32 U	< 0.32 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.56 U	< 5.0 U	< 10 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Dibromomethane	5	µg/L	< 0.41 U	< 0.41 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
Dichlorodifluoromethane	5	µg/L	< 0.68 U	< 0.68 U	< 1.0 U	< 1.0 U	< 2 U	< 0.56 U	< 5.0 U	< 10 U	< 3.4 U	< 3.4 U	< 3.4 U	< 3.4 U	< 3.4 U
Ethylbenzene	5	µg/L	< 0.74 U	< 0.74 U	< 1.0 U	< 1.0 U	0.74 J	2.8	5.5	< 10 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Hexachlorobutadiene	0.5	µg/L	< 0.28 U	< 0.28 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Iodomethane (Methyl Iodide)	NSL	µg/L	< 0.30 U	< 0.30 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 10 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.79 U	< 0.79 U	< 1.0 U	< 1.0 U	0.67 J	1.4	< 5.0 U	< 10 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
Methyl Acetate	NSL	µg/L	< 1.3 U	< 1.3 U	< 2.5 U	< 5.0 U	< 1 U	< 0.8 U	< 13 U	< 25 U	< 6.5 U	< 6.5 U	< 6.5 U	< 6.5 U	< 6.5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 10 U	< 5.0 U	< 20 U	< 2.7 U	14 J	< 100 U	< 6.6 U	< 6.6 U	< 6.6 U	< 6.6 U	< 6.6 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 2.1 U	< 2.1 U	< 5.0 U	< 5.0 U	< 10 U	< 4.9 U	< 25 U	< 50 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U
Methylcyclohexane	NSL	µg/L	0.22 J	< 0.16 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U	3.1 J	< 10 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U
Methylene Chloride	5	µg/L	< 0.44 U	< 0.44 U	< 1.0 U	< 1.0 U	< 5 U	< 1 U	< 5.0 U	< 10 U	< 2.2 U	< 2.2 U	< 2.2 U	< 2.2 U	< 2.2 U
M-P-Xylene	NSL	µg/L	< 0.66 U	< 0.66 U	< 2.0 U	< 1.0 U	NA	0.94 J	22	< 20 U	< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U
Naphthalene	10	µg/L	< 0.43 U	< 0.43 U	< 1.0 U	< 1.0 U	NA	NA	< 5.0 U	< 10 U	< 2.8 J	< 2.2 U	< 2.2 U	< 2.2 U	< 2.2 U
N-Butylbenzene	5	µg/L	< 0.64 U	< 0.64 U	< 1.0 U	< 1.0 U	NA	NA	8	9.8 J	3.3 J	3.5 J	< 3.2 U	< 3.2 U	< 3.2 U
N-Propylbenzene	NSL	µg/L	< 0.69 U	< 0.69 U	< 1.0 U	< 1.0 U	NA	NA	< 5.0 U	< 10 U	< 3.5 U	< 3.5 U	< 3.5 U	< 3.5 U	< 3.5 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.76 U	< 0.76 U	< 1.0 U	< 1.0 U	NA	2.3	14	< 10 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U
Sec-Butylbenzene	5	µg/L	< 0.75 U	< 0.75 U	< 1.0 U	< 1.0 U	NA	NA	< 5.0 U	< 10 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U
Styrene	5	µg/L	< 0.73 U	< 0.73 U	< 1.0 U	< 1.0 U	< 1 U	< 0.49 U	< 5.0 U	< 10 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
T-Butylbenzene	5	µg/L	< 0.81 U	< 0.81 U	< 1.0 U	< 1.0 U	NA	NA	< 5.0 U	< 10 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.16 U	< 0.16 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U	< 5.0 U	< 10 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.36 U	< 0.36 U	< 1.0 U	< 1.0 U	< 1 U	< 0.56 U	3.4 J	< 10 U	< 1.8 U	< 1.8 U	< 1.8 U	2.4 J	< 1.8 U
Toluene	5	µg/L	< 0.51 U	< 0.51 U	< 1.0 U	< 1.0 U	< 1 U	< 0.49 U	< 5.0 U	< 10 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.90 U	< 0.90 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U	< 5.0 U	< 10 U	< 4.5 U	< 4.5 U	< 4.5 U	< 4.5 U	< 4.5 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.37 U	< 0.37 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.43 U	< 5.0 U	< 10 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Trichloroethylene (TCE)	5	µg/L	< 0.46 U	< 0.46 U	< 1.0 U	< 1.0 U	< 1 U	< 0.53 U	< 5.0 U	< 10 U	< 2.3 U	< 2.3 U	< 2.3 U	< 2.3 U	< 2.3 U
Trichlorofluoromethane	5	µg/L	< 0.88 U	< 0.88 U	< 1.0 U	< 1.0 U	< 2 U	< 0.4 U	< 5.0 U	< 10 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Vinyl Acetate	NSL	µg/L	< 0.85 U	< 0.85 U	< 5.0 U	NA	NA	NA	< 25 U	< 50 U	< 4.3 U	< 4.3 U	< 4.3 U	< 4.3 U	< 4.3 U
Vinyl Chloride	2	µg/L	< 0.90 U	< 0.90 U	< 1.0 U	< 1.0 U	< 2 U	< 0.52 U	< 5.0 U	< 10 U	< 4.5 U	< 4.5 U	< 4.5 U	< 4.5 U	< 4.5 U
Xlenes	5	µg/L	< 0.66 U	< 0.66 U	< 2.0 U	< 2.0 U	< 1 U	3.2	36	< 20 U	< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U
Pesticides (SWB081)															
Alachlor	NSL	µg/L	NA	NA	NA	NA	< 0.18 U	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NSL	µg/L	< 0.0078 U	< 0.0081 U	< 0.050 U	< 0.020 U	< 0.045 U	0.0043 J	< 0.53 U	0.12 J	0.044 J	0.094 J	< 0.016 U	0.069 J	< 0.040 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	< 0.0075 U	< 0.0077 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.53 U	0.084 J	< 0.037 U	< 0.037 U	< 0.015 U	0.019 J	< 0.038 U
Alpha Endosulfan	NSL	µg/L	< 0.011 U	< 0.011 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.53 U	< 0.50 U	< 0.053 U	< 0.053 U	< 0.021 U	< 0.021 U	< 0.054 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.024 U	< 0.025 U	< 0.050 U	< 0.020 U	< 0.045 U	0.02	< 0.53 U	0.26 J	< 0.12 U	< 0.12 U	< 0.048 U	< 0.046 U	< 0.12 U
Beta Endosulfan	NSL	µg/L	< 0.012 U	< 0.012 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.0039 U	< 0.53 U	< 0.50 U	< 0.058 U	< 0.057 U	< 0.023 U	< 0.022 U	< 0.059 U
Chlordane	0.05	µg/L	NA	NA	NA	NA	< 0.18 U	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	< 0.014 U	< 0.015 U	< 0.050 U	< 0.020 U	NA	< 0.0039 U	< 0.53 U	0.16 J	0.41	0.63	< 0.028 U	0.6	0.15 J
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	< 0.0097 U	< 0.010 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0053 U	< 0.53 U	0.27 J	0.055 J	0.10 J	< 0.019 U	< 0.019 U	< 0.049 U
Dieldrin	0.004	µg/L	< 0.0095 U	< 0.0098 U	< 0.050 U	< 0.020 U	< 0.0018 U	< 0.0061 U	< 0.53 U	0.28 J	< 0.047 U	< 0.047 U	< 0.019 U	0.064 J	< 0.048 U
Endosulfan Sulfate	NSL	µg/L	< 0.015 U	< 0.016 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.0044 U	< 0.53 U	< 0.50 U	< 0.076 U	< 0.075 U	< 0.030 U	< 0.029 U	< 0.078 U
Endrin	NSL	µg/L	< 0.013 U	< 0.014 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.0048 U	< 0.53 U	< 0.50 U	< 0.067 U	< 0.066 U	< 0.026 U	< 0.026 U	< 0.068 U
Endrin Aldehyde	5	µg/L	< 0.016 U	< 0.016 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.0054 U	< 0.53 U	< 0.50 U	< 0.079 U	< 0.078 U	< 0.031 U	< 0.030 U	< 0.081 U
Endrin Ketone	5	µg/L	< 0.012 U	< 0.012 U	< 0.050 U	< 0.020 U	< 0.073 U	< 0.005 U	< 0.53 U	< 0.50 U	< 0.058 U	< 0.057 U	< 0.023 U	< 0.022 U	< 0.059 U
Gamma Bhc (Lindane)	NSL	µg/L	< 0.0077 U	< 0.0080 U	< 0.050 U	< 0.020 U	< 0.027 U	< 0.0048 U	< 0.53 U	0.12 J	< 0.039 U	< 0.038 U	< 0.015 U	< 0.015 U	< 0.040 U
Heptachlor	0.04	µg/L	< 0.0082 U	< 0.0085 U	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0036 U	< 0.53 U	< 0.50 U	< 0.041 U	< 0.041 U	< 0.016 U	< 0.016 U	< 0.042 U
Heptachlor Epoxide	0.03	µg/L	< 0.0072 U	< 0.0074 U	< 0.050 U	< 0.020 U	< 0.045 U	0.01	< 0.53 U	0.25 J	< 0.036 U	< 0.035 U	< 0.014 U	0.082 J	0.17 J
Hexachlorobenzene	0.04	µg/L	NA	NA	NA	NA	< 0.045 U	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	35	µg/L	< 0.014 U	< 0.014 U	< 0.050 U	< 0.020 U	< 0.45 U	< 0.0054 U	< 0.53 U	< 0.50 U	< 0.068 U	< 0.067 U	< 0.027 U	< 0.026 U	< 0.070 U
P,P'-DDD	0.3	µg/L	< 0.0089 U	< 0.0092 U	< 0.050 U	< 0.020 U	< 0.036 U	< 0.0046 U	< 0.53 U	0.16 J	< 0.045 U	< 0.044 U	< 0.018 U	< 0.017 U	< 0.046 U
P,P'-DDE	0.2	µg/L	< 0.011 U	< 0.012 U	< 0.050 U										

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-21 12/6/2016 MW-21 12016	MW-21 3/17/2017 MW-21 031717	MW-21 6/13/2017 MW-21 061317	MW-21 5/16/2019 MW-21 051619-20190516	MW-21 5/23/2023 518014-MW-21	MW-21 8/8/2024 518014-MW-21	MW-22 10/14/2015 MW-22-20151014	MW-22 12/8/2015 MW-22 120815-20151208	MW-22 3/8/2016 MW-22 030816-20160308	MW-22 3/8/2016 DUP-1 030816-20160308 MW-22 030816-20160308	MW-22 5/31/2016 MW-22 053116	MW-22 9/14/2016 MW-22 091416	MW-22 12/7/2016 MW-22 12016
Analyte	NYSDEC AWQS ¹	Unit													
SVOCs (SW8270)															
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	< 9.5 U	< 0.48 U	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	< 0.20 U	NA	< 0.40 U	0.055 J	< 0.2 U	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NSL	µg/L	< 0.46 U	< 0.49 U	< 5.0 U	< 10 U	< 9.5 U	< 0.64 U	< 5.5 U	< 4.9 U	< 0.46 U	< 0.45 U	< 0.46 U	< 0.46 U	< 0.47 U
2,4,6-Trichlorophenol	NSL	µg/L	< 0.59 U	< 0.61 U	< 5.0 U	< 10 U	< 9.5 U	< 0.49 U	< 5.5 U	< 4.9 U	< 0.59 U	< 0.57 U	< 0.58 U	< 0.58 U	< 0.60 U
2,4-Dichlorophenol	5	µg/L	< 0.49 U	< 0.51 U	< 5.0 U	< 10 U	< 9.5 U	< 0.59 U	< 5.5 U	< 4.9 U	< 0.49 U	< 0.47 U	< 0.49 U	< 0.49 U	< 0.50 U
2,4-Dimethylphenol	50	µg/L	< 0.48 U	< 0.50 U	< 5.0 U	< 10 U	< 9.5 U	< 0.52 U	< 5.5 U	< 4.9 U	< 0.48 U	< 0.47 U	< 0.48 U	< 0.48 U	< 0.49 U
2,4-Dinitrophenol	10	µg/L	< 2.1 U	< 2.2 U	< 10 U	< 20 U	< 9.5 UJ	< 0.67 U	< 11 U	< 9.8 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.2 U
2,4-Dinitrotoluene	5	µg/L	< 0.43 U	< 0.45 U	< 5.0 U	< 2.0 U	< 9.5 U	< 1.9 U	< 5.5 U	< 4.9 U	< 0.43 U	< 0.42 U	< 0.43 U	< 0.43 U	< 0.44 U
2,6-Dinitrotoluene	5	µg/L	< 0.38 U	< 0.40 U	< 5.0 U	< 2.0 U	< 9.5 U	< 0.55 U	< 5.5 U	< 4.9 U	< 0.39 U	< 0.37 U	< 0.38 U	< 0.38 U	< 0.39 U
2-Chloronaphthalene	10	µg/L	< 0.44 U	< 0.46 U	< 5.0 U	< 10 U	< 9.5 U	< 0.56 U	< 5.5 U	< 4.9 U	< 0.45 U	< 0.43 U	< 0.44 U	< 0.44 U	< 0.45 U
2-Chlorophenol	1	µg/L	< 0.51 U	< 0.53 U	< 5.0 U	< 10 U	< 9.5 U	< 0.43 U	< 5.5 U	< 4.9 U	< 0.51 U	< 0.49 U	< 0.51 U	< 0.51 U	< 0.52 U
2-Methylnaphthalene	NSL	µg/L	0.83 J	< 0.60 U	< 5.0 U	< 10 U	< 4.8 U	< 0.37 U	< 5.5 U	2.1 J	< 0.58 U	< 0.56 U	< 0.57 U	< 0.57 U	< 0.59 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 0.38 U	< 0.40 U	< 5.0 U	< 10 U	< 9.5 U	< 0.64 U	< 5.5 U	< 4.9 U	< 0.39 U	< 0.37 U	< 0.38 U	< 0.38 U	< 0.39 U
2-Nitroaniline	5	µg/L	< 0.40 U	< 0.42 U	< 10 U	< 10 U	< 9.5 U	< 0.47 U	< 11 U	< 9.8 U	< 0.41 U	< 0.39 U	< 0.40 U	< 0.40 U	< 0.41 U
2-Nitrophenol	NSL	µg/L	< 0.46 U	< 0.48 U	< 5.0 U	< 10 U	< 9.5 U	< 0.62 U	< 5.5 U	< 4.9 U	< 0.46 U	< 0.45 U	< 0.46 U	< 0.46 U	< 0.47 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	< 9.5 U	< 0.4 U	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	5	µg/L	< 0.38 U	< 0.40 U	< 5.0 U	< 10 U	< 9.5 U	< 1.1 U	< 5.5 U	< 4.9 U	< 0.39 U	< 0.37 U	< 0.38 U	< 0.38 U	< 0.39 U
3-Nitroaniline	5	µg/L	< 0.46 U	< 0.48 U	< 10 U	< 10 U	< 9.5 U	< 0.64 U	< 11 U	< 9.8 U	< 0.46 U	< 0.45 U	< 0.46 U	< 0.46 U	< 0.47 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 2.1 U	< 2.2 U	< 10 U	< 20 U	< 19 UJ	< 1.5 U	< 11 U	< 9.8 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.2 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 0.43 U	< 0.45 U	< 5.0 U	< 10 U	< 9.5 U	< 0.55 U	< 5.5 U	< 4.9 U	< 0.44 U	< 0.42 U	< 0.43 U	< 0.43 U	< 0.44 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 0.43 U	< 0.45 U	< 5.0 U	< 10 U	< 9.5 U	< 0.53 U	< 5.5 U	< 4.9 U	< 0.44 U	< 0.42 U	< 0.43 U	< 0.43 U	< 0.44 U
4-Chloroaniline	5	µg/L	< 0.57 U	< 0.59 U	< 5.0 U	< 10 U	< 9.5 U	< 0.53 U	< 5.5 U	< 4.9 U	< 0.57 U	< 0.55 U	< 0.56 U	< 0.57 U	< 0.58 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 0.34 U	< 0.35 U	< 5.0 U	< 10 U	< 9.5 U	< 0.6 U	< 5.5 U	< 4.9 U	< 0.34 U	< 0.33 U	< 0.33 U	< 0.34 U	< 0.35 U
4-Methylphenol (P-Cresol)	NSL	µg/L	< 0.35 U	< 0.36 U	< 10 U	< 10 U	NA	< 1.5 U	0.53 J	0.95 J	< 0.35 U	< 0.33 U	< 0.34 U	< 0.34 U	< 0.36 U
4-Nitroaniline	5	µg/L	< 0.24 U	< 0.25 U	< 10 U	< 10 U	< 9.5 U	< 0.75 U	< 11 U	< 9.8 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.25 U
4-Nitrophenol	NSL	µg/L	< 1.5 U	< 1.5 U	< 10 U	< 20 U	< 9.5 U	< 0.45 U	< 11 U	< 9.8 U	< 1.5 U	< 1.4 U	< 1.5 U	< 1.5 U	< 1.5 U
Acenaphthene	20	µg/L	0.87 J	< 0.41 U	< 5.0 U	< 10 U	< 4.8 U	< 0.61 U	< 5.5 U	< 4.9 U	< 0.40 U	< 0.38 U	< 0.39 U	< 0.39 U	< 0.40 U
Acenaphthylene	NSL	µg/L	< 0.36 U	< 0.38 U	< 5.0 U	< 10 U	< 4.8 U	< 0.42 U	< 5.5 U	< 4.9 U	< 0.37 U	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Acetophenone	NSL	µg/L	< 0.52 U	< 0.54 U	< 5.0 U	< 10 U	< 9.5 U	< 0.52 U	< 5.5 U	< 4.9 U	< 0.52 U	< 0.50 U	< 0.52 U	< 0.52 U	< 0.53 U
Anthracene	50	µg/L	< 0.27 U	< 0.28 U	< 5.0 U	< 10 U	< 4.8 U	< 0.56 U	< 5.5 U	< 4.9 U	< 0.27 U	< 0.26 U	< 0.27 U	< 0.27 U	< 0.28 U
Atrazine	NSL	µg/L	< 0.44 U	< 0.46 U	< 5.0 U	< 2.0 U	< 19 U	< 0.72 U	< 5.5 U	< 4.9 U	< 0.45 U	< 0.43 U	< 0.44 U	< 0.44 U	< 0.45 U
Benzaldehyde	NSL	µg/L	< 0.26 U	< 0.27 U	< 5.0 U	< 10 U	< 9.5 UJ	< 0.44 U	< 5.5 U	< 4.9 U	< 0.26 U	< 0.25 U	< 0.25 U	< 0.26 U	< 0.26 U
Benzo(A)Anthracene	0.002	µg/L	< 0.35 U	< 0.36 U	< 5.0 U	< 1.0 U	< 4.8 U	< 0.51 U	< 5.5 U	< 4.9 U	< 0.35 U	< 0.33 U	< 0.34 U	< 0.34 U	< 0.36 U
Benzo(A)Pyrene	NSL	µg/L	< 0.45 U	< 0.47 U	< 5.0 U	< 1.0 U	< 4.8 U	< 0.63 U	< 5.5 U	< 4.9 U	< 0.45 U	< 0.44 U	< 0.45 U	< 0.45 U	< 0.46 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.33 U	< 0.34 U	< 5.0 U	< 2.0 U	< 4.8 U	< 0.57 U	< 5.5 U	< 4.9 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.33 U	< 0.34 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.34 U	< 0.35 U	< 5.0 U	< 10 U	< 4.8 U	< 0.64 U	< 5.5 U	< 4.9 U	< 0.34 U	< 0.33 U	< 0.33 U	< 0.34 U	< 0.35 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.70 U	< 0.73 U	< 5.0 U	< 1.0 U	< 4.8 U	< 0.48 U	< 5.5 U	< 4.9 U	< 0.71 U	< 0.68 U	< 0.70 U	< 0.70 U	< 0.72 U
Benzyl Butyl Phthalate	50	µg/L	< 0.96 U	< 1.0 U	< 5.0 U	< 10 U	< 9.5 UJ	< 0.86 U	< 5.5 U	< 4.9 U	< 0.41 U	0.55 J	< 0.95 U	< 0.96 U	< 0.99 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 0.63 U	< 0.65 U	< 5.0 U	< 10 U	< 19 U	< 0.59 U	< 5.5 U	< 4.9 U	< 0.63 U	< 0.61 U	< 0.62 U	< 0.63 U	< 0.64 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 0.34 U	< 0.35 U	< 5.0 U	< 10 U	< 9.5 U	< 0.46 U	< 5.5 U	< 4.9 U	< 0.34 U	< 0.33 U	< 0.33 U	< 0.34 U	< 0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 0.38 U	< 0.40 U	< 5.0 U	< 1.0 U	< 9.5 U	< 0.43 U	< 5.5 U	< 4.9 U	< 0.39 U	< 0.37 U	< 0.38 U	< 0.38 U	< 0.39 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 0.50 U	< 0.52 U	< 5.0 U	< 10 U	< 9.5 U	< 0.5 U	< 5.5 U	< 4.9 U	< 0.50 U	< 0.48 U	< 0.50 U	< 0.50 U	< 0.51 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 2.1 U	< 2.2 U	< 5.0 U	< 2.0 U	< 9.5 UJ	< 1.3 U	< 5.5 U	< 4.9 U	< 1.7 U	< 1.7 U	< 2.1 U	< 2.1 U	< 2.2 U
Caprolactam	NSL	µg/L	< 2.1 U	< 2.2 U	< 5.0 U	< 10 U	< 9.5 UJ	< 0.35 U	< 5.5 U	< 4.9 U	< 2.1 U	< 2.0 U	< 2.1 U	< 2.1 U	< 2.2 U
Carbazole	NSL	µg/L	< 0.29 U	< 0.30 U	< 5.0 U	< 10 U	< 9.5 U	< 0.58 U	< 5.5 U	< 4.9 U	< 0.29 U	< 0.28 U	< 0.29 U	< 0.29 U	< 0.30 U
Chrysene	0.002	µg/L	< 0.32 U	< 0.33 U	< 5.0 U	< 2.0 U	< 4.8 U	< 0.52 U	< 5.5 U	< 4.9 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.33 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.40 U	< 0.42 U	< 5.0 U	< 1.0 U	< 4.8 U	< 0.5 U	< 5.5 U	< 4.9 U	< 0.41 U	< 0.39 U	< 0.40 U	< 0.40 U	< 0.41 U
Dibenzofuran	NSL	µg/L	0.58 J	< 0.51 U	< 10 U	< 10 U	< 4.8 U	< 0.73 U	< 11 U	< 9.8 U	< 0.49 U	< 0.47 U	< 0.49 U	< 0.49 U	< 0.50 U
Diethyl Phthalate	50	µg/L	< 0.21 U	< 0.22 U	< 5.0 U	< 10 U	< 9.5 U	< 0.58 U	< 5.5 U	< 4.9 U	0.78 J	0.87 J	< 0.21 U	< 0.21 U	< 0.22 U
Dimethyl Phthalate	50	µg/L	< 0.35 U	< 0.36 U	< 5.0 U	< 10 U	< 9.5 U	< 0.							

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-22 3/15/2017 MW-22 031517	MW-22 6/13/2017 MW-22 061317	MW-22 6/13/2017 DUP-1 061317 MW-22 061317	MW-22 5/15/2019 MW-22 051519-20190515	MW-22 5/23/2023 518014-MW-22	MW-22 8/7/2024 518014-MW-22	MW-23 10/14/2015 MW-23-20151014	MW-23 12/8/2015 MW-23 120815-20151208	MW-23 3/8/2016 MW-23 030816-20160308	MW-23 5/31/2016 MW-23 053116	MW-23 9/14/2016 MW-23 091416	MW-23 12/6/2016 MW-23 12016	MW-23 3/16/2017 MW-23 031617
Analyte	NYSDEC AWQS ¹	Unit													
PFAS (E537/E1633)															
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	NA	NA	NA	< 3.5 U	< 1.7 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	< 83 U	< 3.5 U	< 1.4 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	< 3.5 U	< 2.2 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	< 83 U	< 3.5 U	< 0.87 U	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (6:3FTCA)	NSL	ng/L	NA	NA	NA	NA	< 44 U	< 6.8 U	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	< 44 U	< 5.9 U	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	< 8.7 U	< 2.3 U	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	< 3.5 U	< 1.2 U	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	< 3.5 U	< 2.3 U	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	< 3.5 U	< 1.7 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	< 0.87 U	< 0.51 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	< 83 UJ	0.24 J	< 0.87 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	< 8.7 U	< 3.6 U	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	< 0.87 U	< 0.61 U	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	< 83 UJ	< 0.87 U	< 0.49 U	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	< 8.7 U	< 2.7 U	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	< 1.7 U	< 1.2 U	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEsA)	NSL	ng/L	NA	NA	NA	NA	< 1.7 U	< 0.26 U	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	< 1.7 U	< 0.29 U	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	< 1.7 U	< 0.54 U	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	1.4 J	< 2.0 U	< 2.0 U	< 8.3 UJ	6.2	1.4 J	NA	NA	NA	NA	NA	NA	< 0.92 U
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	45	33 R	20	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	< 8.3 U	< 0.87 U	< 1.0 U	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	3.5 J	14	8.1	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	< 0.87 U	< 0.38 U	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	< 8.3 U	< 0.87 U	< 0.74 U	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	9.4	6.3	4.9	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	1.6 J	8.5	10	14	8.6	1.2 J	NA	NA	NA	NA	NA	NA	3.7
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	4.1	24	31	33 J	19	10	NA	NA	NA	NA	NA	NA	2.6
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	21	7.3	1.4 J	NA	NA	NA	NA	NA	NA	NA
Perfluoronanesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	< 0.87 U	< 1.4 U	NA	NA	NA	NA	NA	NA	NA
Perfluoronanoic acid (PFNA)	NSL	ng/L	7	18	23	55	30	10	NA	NA	NA	NA	NA	NA	1.7 J
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	NA	< 8.3 U	1.2	1.2 J	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	200	200	250	350 J	280	170	NA	NA	NA	NA	NA	NA	89
Perfluorooctanoic acid (PFOA)	6.7	ng/L	13	50	59	95 J	76	10	NA	NA	NA	NA	NA	NA	16
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	4.2	2.6	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	34	< 1.7 U	2.6 J	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	< 8.3 UJ	< 0.87 U	< 0.73 U	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	NA	NA	< 8.3 U	< 0.87 U	< 0.76 U	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	< 8.3 U	< 0.87 U	< 0.53 U	NA	NA	NA	NA	NA	NA	NA
VOCs (SW8260)															
1,1,1,2-Tetrachloroethane	5	µg/L	< 0.35 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 3.5 U	< 3.5 U	< 3.5 U	< 0.35 U	< 0.35 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.82 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U	< 5.0 U	< 5.0 U	< 8.2 U	< 8.2 U	< 8.2 U	< 0.82 U	< 0.82 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 0.21 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.65 U	< 5.0 U	< 5.0 U	< 2.1 U	< 2.1 U	< 2.1 U	< 0.21 U	< 0.21 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 0.31 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.58 U	< 5.0 U	< 5.0 U	< 3.1 U	< 3.1 U	< 3.1 U	< 0.31 U	< 0.31 U
1,1,2-Trichloroethane	1	µg/L	< 0.23 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.53 U	< 5.0 U	< 5.0 U	< 2.3 U	< 2.3 U	< 2.3 U	< 0.23 U	< 0.23 U
1,1-Dichloroethane	5	µg/L	< 0.38 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.57 U	< 5.0 U	< 5.0 U	< 3.8 U	< 3.8 U	< 3.8 U	< 0.38 U	< 0.38 U
1,1-Dichloroethene	5	µg/L	< 0.29 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.59 U	< 5.0 U	< 5.0 U	< 2.9 U	< 2.9 U	< 2.9 U	< 0.29 U	< 0.29 U
1,1-Dichloropropene	5	µg/L	< 0.72 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 7.2 U	< 7.2 U	< 7.2 U	< 0.72 U	< 0.72 U
1,2,3-Trichlorobenzene	5	µg/L	< 0.41 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 0.5 U	< 5.0 U	< 5.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 0.41 U	< 0.41 U
1,2,3-Trichloropropane	0.04	µg/L	< 0.89 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 8.9 U	< 8.9 U	< 8.9 U	< 0.89 U	< 0.89 U
1,2,4-Trichlorobenzene	5	µg/L	< 0.41 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.5 U	< 5.0 U	< 5.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 0.41 U	< 0.41 U
1,2,4-Trimethylbenzene	NSL	µg/L	< 0.75 U	< 1.0 U	< 1.0 U	< 1.0 U	NA	NA	110	160	770	570	570	45	350
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.39 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5 U	< 0.53 U	< 5.0 U	< 5.0 U	< 3.9 U	< 3.9 U	< 3.9 U	< 0.39 U	< 0.39 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 0.73 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.48 U	< 5.0 U	< 5.0 U	< 7.3 U	< 7.3 U	< 7.3 U	< 0.73 U	< 0.73 U
1,2-Dichlorobenzene	3	µg/L	< 0.79 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.53 U	18	8.6	47	34	30	2.3	25
1,2-Dichloroethane	0.6	µg/L	< 0.21 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U	< 5.0 U	< 5.0 U	< 2.1 U	< 2.1 U	< 2.1 U	< 0.21 U	< 0.21 U
1,2-Dichloropropane	1	µg/L	< 0.72 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U	< 5.0 U	< 5.0 U	< 7.2 U	< 7.2 U	< 7.2 U	< 0.72 U	< 0.72 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	< 0.77 U	< 1.0 U	< 1.0 U	< 1.0 U	NA	NA	66	49	260	200	200	15	110
1,3-Dichlorobenzene	3	µg/L	< 0.78 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U	< 5.0 U	< 5.0 U	< 7.8 U	< 7.8 U	< 7.8 U	< 0.78 U	< 0.78 U
1,3-Dichloropropane	5	µg/L	< 0.75 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 7.5 U	< 7.5 U	< 7.5 U	< 0.75 U	< 0.75 U
1,4-Dichlorobenzene	3	µg/L	< 0.84 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U	< 5.0 U	< 5.0 U	< 8.4 U	< 8.4 U	< 8.4 U	< 0.84 U	2.5
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 0.20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20 U
2,2-Dichloropropane	NSL	µg/L	< 0.40 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 0.40 U	< 0.40 U
2-Chlorotoluene	NSL	µg/L	< 0.86 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 8.6 U	< 8.6 U	< 8.6 U	< 0.86 U	< 0.86 U
2-Hexanone	50	µg/L	< 1.2 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 4.8 U	< 25 U	< 25 U	< 12 U	< 12 U	< 12 U	< 1.2 U	< 1.2 U
4-Chlorotoluene	NSL	µg/L	< 0.84 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 8.4 U	< 8.4 U	< 8.4 U	< 0.84 U	< 0.84 U
Acetone	50	µg/L	< 3.0 U	5.8 J	6.2 J	< 5.0 U	2.5 J	< 3.1 U	< 50 U	140	390	150	48 J	4.0 J	19
Benzene	1	µg/L	< 0.41 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.43 U	< 5.0 U	< 5.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 0.41 U	< 0.41 U
Bromobenzene	NSL	µg/L	< 0.80 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 8.0 U	< 8.0 U	< 8.0 U	< 0.80 U	< 0.80 U
Bromochloromethane	5	µg/L	< 0.87 U	< 1.0 U	< 1.0 U	NA	< 1 U	< 0.48 U	< 5.0 U	< 5.0 U	< 8.7 U	< 8.7 U	< 8.7 U	< 0.87 U	< 0.87 U
Bromodichloromethane	50	µg/L	< 0.39 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.45 U	< 5.0 U	< 5.0 U	< 3.9 U	< 3.9 U	< 3.9 U	< 0.39 U	< 0.39 U
Bromoform	50	µg/L	< 0.26 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.63 U	< 5.0 U	< 5.0 U	< 2.6 U	< 2.6 U	< 2.6 U	< 0.26 U	< 0.26 U

Notes:
(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated, biased high
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-22 3/15/2017 MW-22 031517	MW-22 6/13/2017 MW-22 061317	MW-22 6/13/2017 DUP-1 061317 MW-22 061317	MW-22 5/15/2019 MW-22 051519-20190515	MW-22 5/23/2023 518014-MW-22	MW-22 8/7/2024 518014-MW-22	MW-23 10/14/2015 MW-23-20151014	MW-23 12/8/2015 120815-20151208	MW-23 3/8/2016 030816-20160308	MW-23 5/31/2016 MW-23 053116	MW-23 9/14/2016 MW-23 091416	MW-23 12/6/2016 MW-23 12016	MW-23 3/16/2017 MW-23 031617
Analyte	NYSDEC AWQS ¹	Unit													
Bromomethane	5	µg/L	< 0.69 U	< 1.0 U	< 1.0 U	< 1.0 U	< 2 U	< 1.6 U	< 5.0 U	< 5.0 U	< 6.9 U	< 6.9 U	< 6.9 U	< 0.69 U	< 0.69 U
Carbon Disulfide	60	µg/L	< 0.19 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5 U	< 1.8 U	< 5.0 U	< 5.0 U	< 1.9 U	2.0 J	2.2 J	< 0.19 U	2.2
Carbon Tetrachloride	5	µg/L	< 0.27 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5 U	< 0.55 U	< 5.0 U	< 5.0 U	< 2.7 U	< 2.7 U	< 2.7 U	< 0.27 U	< 0.27 U
Chlorobenzene	5	µg/L	< 0.75 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.56 U	< 5.0 U	< 5.0 U	< 7.5 U	< 7.5 U	< 7.5 U	< 0.75 U	< 0.75 U
Chloroethane	5	µg/L	< 0.32 U	< 1.0 U	< 1.0 U	< 1.0 U	< 2 U	< 0.73 U	< 5.0 U	< 5.0 U	27	8.1 J	6.3 J	0.59 J	2.8
Chloroform	7	µg/L	< 0.34 U	< 1.0 U	< 1.0 U	< 1.0 U	< 2 U	< 0.5 U	< 5.0 U	< 5.0 U	< 3.4 U	< 3.4 U	< 3.4 U	< 0.34 U	< 0.34 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 0.35 U	< 1.0 U	< 1.0 U	< 1.0 U	< 2 U	< 0.76 U	< 5.0 U	23	120	50	35	1.2	0.85 J
Cis-1,2-Dichloroethylene	5	µg/L	< 0.81 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	1.2	5.3	10	9.2 J	< 8.1 U	14	2.2	4.7
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.36 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.47 U	< 5.0 U	< 5.0 U	< 3.6 U	< 3.6 U	< 3.6 U	< 0.36 U	< 0.36 U
Cyclohexane	NSL	µg/L	< 0.18 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5 U	< 0.78 U	< 5.0 U	< 5.0 U	7.9 J	< 1.8 U	3.6 J	< 0.18 U	3.2
Cymene	NSL	µg/L	< 0.31 U	< 1.0 U	< 1.0 U	< 1.0 U	NA	NA	16	9	38	35	26	3.4	15
Dibromochloromethane	50	µg/L	< 0.32 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.56 U	< 5.0 U	< 5.0 U	< 3.2 U	< 3.2 U	< 3.2 U	< 0.32 U	< 0.32 U
Dibromomethane	5	µg/L	< 0.41 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 0.41 U	< 0.41 U
Dichlorodifluoromethane	5	µg/L	< 0.68 U	< 1.0 U	< 1.0 U	< 1.0 U	< 2 U	< 0.56 U	< 5.0 U	< 5.0 U	< 6.8 U	< 6.8 U	< 6.8 U	< 0.68 U	< 0.68 U
Ethylbenzene	5	µg/L	< 0.74 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U	24	40	190	120	110	15	79
Hexachlorobutadiene	0.5	µg/L	< 0.28 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 2.8 U	< 2.8 U	< 2.8 U	< 0.28 U	< 0.28 U
Iodomethane (Methyl Iodide)	NSL	µg/L	< 0.30 U	< 1.0 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 5.0 U	< 3.0 U	< 3.0 U	< 3.0 U	< 0.30 U	< 0.30 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.79 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.65 U	7.7	10	49	41	33	3.2	25
Methyl Acetate	NSL	µg/L	< 1.3 U	< 2.5 U	< 2.5 U	< 5.0 U	< 1 U	< 0.8 U	< 13 U	< 13 U	< 13 U	< 13 U	< 13 U	< 1.3 U	< 1.3 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 10 U	< 10 U	< 5.0 U	< 20 U	< 2.7 U	< 50 U	24 J	63 J	28 J	< 13 U	< 1.3 U	25
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 2.1 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 4.9 U	< 25 U	< 25 U	< 21 U	< 21 U	< 21 U	< 2.1 U	< 2.1 U
Methylcyclohexane	NSL	µg/L	< 0.16 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U	6.1	2.1 J	19	20	12	1.3	7.9
Methylene Chloride	5	µg/L	< 0.44 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5 U	< 1 U	< 5.0 U	< 5.0 U	8.8 J	< 4.4 U	9.3 J	< 0.44 U	< 0.44 U
M-P-Xylene	NSL	µg/L	< 0.66 U	< 2.0 U	< 2.0 U	< 1.0 U	NA	< 0.78 U	100	160	890	540	580	54	240
Naphthalene	10	µg/L	< 0.43 U	< 1.0 U	< 1.0 U	< 1.0 U	NA	NA	21	25	120	85	82	6.9	72
N-Butylbenzene	5	µg/L	< 0.64 U	< 1.0 U	< 1.0 U	< 1.0 U	NA	NA	22	15	34	53	15	4.6	20
N-Propylbenzene	NSL	µg/L	< 0.69 U	< 1.0 U	< 1.0 U	< 1.0 U	NA	NA	12	17	79	68	53	5	38
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.76 U	< 1.0 U	< 1.0 U	< 1.0 U	NA	< 0.59 U	99	84	440	260	300	34	180
Sec-Butylbenzene	5	µg/L	< 0.75 U	< 1.0 U	< 1.0 U	< 1.0 U	NA	NA	8	7.2	< 7.5 U	27	< 7.5 U	2.9	11
Styrene	5	µg/L	< 0.73 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.49 U	< 5.0 U	< 5.0 U	13	< 7.3 U	< 7.3 U	1.1	5.5
T-Butylbenzene	5	µg/L	< 0.81 U	< 1.0 U	< 1.0 U	< 1.0 U	NA	NA	< 5.0 U	< 5.0 U	< 8.1 U	< 8.1 U	< 8.1 U	< 0.81 U	1.8
Tert-Butyl Methyl Ether	10	µg/L	< 0.16 U	< 1.0 U	< 1.0 U	< 1.0 U	3.7 J	< 0.51 U	< 5.0 U	< 5.0 U	< 1.6 U	< 1.6 U	< 1.6 U	< 0.16 U	< 0.16 U
Tetrachloroethylene (PCE)	5	µg/L	0.66 J	8.8	8.7	4.1	2.7	5.1	< 5.0 U	< 5.0 U	< 3.6 U	< 3.6 U	< 3.6 U	< 0.36 U	0.74 J
Toluene	5	µg/L	< 0.51 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.49 U	6.8	4.7 J	12	9.4 J	< 5.1 U	< 0.51 U	1.6
Trans-1,2-Dichloroethene	5	µg/L	< 0.90 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U	< 5.0 U	< 5.0 U	< 9.0 U	< 9.0 U	< 9.0 U	< 0.90 U	< 0.90 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.37 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.43 U	< 5.0 U	< 5.0 U	< 3.7 U	< 3.7 U	< 3.7 U	< 0.37 U	< 0.37 U
Trichloroethylene (TCE)	5	µg/L	< 0.46 U	1.8	1.6	< 1.0 U	0.46 J	1	< 5.0 U	< 5.0 U	< 4.6 U	< 4.6 U	< 4.6 U	< 0.46 U	1.9
Trichlorofluoromethane	5	µg/L	< 0.88 U	< 1.0 U	< 1.0 U	< 1.0 U	< 2 U	< 0.4 U	< 5.0 U	< 5.0 U	< 8.8 U	< 8.8 U	< 8.8 U	< 0.88 U	< 0.88 U
Vinyl Acetate	NSL	µg/L	< 0.85 U	< 5.0 U	< 5.0 U	NA	NA	NA	< 25 U	< 25 U	< 8.5 U	< 8.5 U	< 8.5 U	< 0.85 U	< 0.85 U
Vinyl Chloride	2	µg/L	< 0.90 U	< 1.0 U	< 1.0 U	< 1.0 U	< 2 U	< 0.52 U	< 5.0 U	< 5.0 U	< 9.0 U	< 9.0 U	< 9.0 U	< 0.90 U	< 0.90 U
Xylenes	5	µg/L	< 0.66 U	< 2.0 U	< 2.0 U	< 2.0 U	< 1 U	< 0.59 U	200	240	1300	800	880	88	420
Pesticides (SW8081)															
Alachlor	NSL	µg/L	NA	NA	NA	NA	< 0.19 U	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NSL	µg/L	< 0.016 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.047 U	< 0.0041 U	< 0.10 U	< 0.23 U	< 0.085 U	< 0.0075 U	0.041 J	< 0.0077 U	< 0.041 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	0.034 J	< 0.25 U	< 0.50 U	< 0.020 U	< 0.047 U	< 0.0042 U	< 0.10 U	0.074 J	0.13 J	< 0.0072 U	< 0.035 U	< 0.0073 U	0.090 J
Alpha Endosulfan	NSL	µg/L	< 0.022 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.047 U	< 0.0042 U	< 0.10 U	< 0.23 U	< 0.11 U	< 0.010 U	< 0.051 U	< 0.010 U	< 0.055 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.050 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.047 U	0.05	< 0.10 U	0.14 J	< 0.26 U	< 0.023 U	< 0.11 U	< 0.024 U	< 0.12 U
Beta Endosulfan	NSL	µg/L	0.091 J	0.13 J	< 0.50 U	< 0.020 U	< 0.075 U	< 0.0039 U	< 0.10 U	< 0.23 U	< 0.13 U	< 0.011 U	< 0.055 U	< 0.011 U	< 0.060 U
Chlordane	0.05	µg/L	NA	NA	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	1	2.2	2.1	0.04	NA	1.1	< 0.10 U	< 0.23 U	< 0.15 U	< 0.014 U	< 0.068 U	< 0.014 U	< 0.074 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	0.056 J	0.062 J	< 0.50 U	< 0.020 U	< 0.047 U	0.01	< 0.10 U	< 0.23 U	< 0.10 U	0.015 J	< 0.046 U	< 0.0095 U	< 0.050 U
Dieldrin	0.004	µg/L	< 0.020 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.0019 U	< 0.0061 U	< 0.10 U	0.046 J	< 0.10 U	< 0.0091 U	< 0.045 U	< 0.0093 U	< 0.049 U
Endosulfan Sulfate	NSL	µg/L	< 0.031 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.075 U	< 0.0044 U	< 0.10 U	< 0.23 U	< 0.16 U	< 0.015 U	< 0.072 U	< 0.015 U	< 0.079 U
Endrin	NSL	µg/L	< 0.028 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.075 U	< 0.0048 U	< 0.10 U	< 0.23 U	< 0.14 U	< 0.013 U	< 0.064 U	< 0.013 U	< 0.069 U
Endrin Aldehyde	5	µg/L	< 0.033 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.075 U	< 0.0054 U	< 0.10 U	< 0.23 U	< 0.17 U	< 0.015 U	< 0.075 U	< 0.016 U	< 0.082 U
Endrin Ketone	5	µg/L	< 0.024 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.075 U	< 0.005 U	< 0.10 U	< 0.23 U	< 0.13 U	< 0.011 U	< 0.055 U	< 0.011 U	< 0.060 U
Gamma Bhc (Lindane)	NSL	µg/L	< 0.016 U	0.040 J	< 0.50 U	< 0.020 U	< 0.028 U	< 0.0048 U	0.056 J	0.077 J	< 0.084 U	< 0.0074 U	< 0.037 U	< 0.0076 U	< 0.040 U
Heptachlor	0.04	µg/L	< 0.017 U	0.18 J	< 0.50 U	< 0.020 U	< 0.047 U	0.06	< 0.10 U	< 0.23 U	< 0.089 U	< 0.0079 U	< 0.039 U	< 0.0081 U	< 0.043 U
Heptachlor Epoxide	0.03	µg/L	< 0.015 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.047 U	0.29	< 0.10 U	< 0.23 U	< 0.077 U	< 0.0069 U	< 0.034 U	< 0.0070 U	< 0.037 U
Hexachlorobenzene	0.04	µg/L	NA	NA	NA	NA	< 0.047 U	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	35	µg/L	< 0.028 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.47 U	< 0.0054 U	< 0.10 U	< 0.23 U	< 0.15 U	< 0.013 U	< 0.065 U	< 0.013 U	< 0.071 U
P,P'-DDD	0.3	µg/L	< 0.018 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.037 U	< 0.0046 U	0.025 J	< 0.23 U	< 0.096 U	< 0.0086 U	< 0.042 U	< 0.0088 U	< 0.046 U
P,P'-DDE	0.2	µg/L	< 0.023 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.037 U	0.05	< 0.10 U	< 0.23 U	< 0.12 U	< 0.011 U	< 0.053 U	< 0.011 U	< 0.058 U
P,P'-DDT	0.2	µg/L	< 0.022 U	< 0.25 U	< 0.50 U	< 0.020 U	< 0.037 U	0.03	< 0.10 U	< 0.23 U	< 0.11 U	< 0.010 U	< 0.051 U	< 0.010 U	< 0.055 U
Toxaphene	0.06	µg/L	< 0.24 U	< 2.5 U	< 5.0 U	< 0.50 U	< 0.93 U	< 0.13 U	< 1.0 U	< 2.3 U	< 1.3 U	< 0.11 U	< 0.55 U	< 0.11 U	< 0.60 U
Trans-Chlordane	NSL	µg/L	0.68	0.84	0.82	0.031									

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-22 3/15/2017 MW-22 031517	MW-22 6/13/2017 MW-22 061317	MW-22 6/13/2017 DUP-1 061317 MW-22 061317	MW-22 5/15/2019 MW-22 051519-20190515	MW-22 5/23/2023 518014-MW-22	MW-22 8/7/2024 518014-MW-22	MW-23 10/14/2015 MW-23-20151014	MW-23 12/8/2015 120815-20151208	MW-23 3/8/2016 030816-20160308	MW-23 5/31/2016 MW-23 053116	MW-23 9/14/2016 MW-23 091416	MW-23 12/6/2016 MW-23 120616	MW-23 3/16/2017 MW-23 031617
Analyte	NYSDEC AWQS ¹	Unit													
SVOCs (SW8270)															
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	< 9.5 U	< 0.48 U	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 0.20 U	NA	NA	NA	< 0.19 U	< 0.2 U	NA	NA	NA	NA	NA	NA	< 0.20 U
2,4,5-Trichlorophenol	NSL	µg/L	< 0.48 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.64 U	< 20 U	< 4.6 U	< 1.9 U	< 0.45 U	< 2.3 U	< 0.45 U	< 4.8 U
2,4,6-Trichlorophenol	NSL	µg/L	< 0.61 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.49 U	< 20 U	< 4.6 U	< 2.4 U	< 0.57 U	< 2.9 U	< 0.57 U	< 6.1 U
2,4-Dichlorophenol	5	µg/L	< 0.51 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.59 U	< 20 U	< 4.6 U	< 2.0 U	< 0.48 U	< 2.4 U	< 0.48 U	< 5.1 U
2,4-Dimethylphenol	50	µg/L	< 0.50 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.52 U	4.9 J	4.6	10 J	3.8 J	7.6 J	< 0.47 U	6.4 J
2,4-Dinitrophenol	10	µg/L	< 2.2 U	< 10 U	< 10 U	< 20 U	< 19 UJ	< 0.67 U	< 40 U	< 9.2 U	< 8.6 U	< 2.1 U	< 10 U	< 2.1 U	< 22 U
2,4-Dinitrotoluene	5	µg/L	< 0.45 U	< 5.0 U	< 5.0 U	< 2.0 U	< 9.5 U	< 1.9 U	< 20 U	< 4.6 U	< 1.7 U	< 0.42 U	< 2.1 U	< 0.42 U	< 4.5 U
2,6-Dinitrotoluene	5	µg/L	< 0.40 U	< 5.0 U	< 5.0 U	< 2.0 U	< 9.5 U	< 0.55 U	< 20 U	< 4.6 U	< 1.6 U	< 0.37 U	< 1.9 U	< 0.38 U	< 4.0 U
2-Chloronaphthalene	10	µg/L	< 0.46 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.56 U	< 20 U	< 4.6 U	< 1.8 U	< 0.43 U	< 2.2 U	< 0.43 U	< 4.6 U
2-Chlorophenol	1	µg/L	< 0.53 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.43 U	< 20 U	< 4.6 U	< 2.1 U	< 0.50 U	< 2.5 U	< 0.50 U	< 5.3 U
2-Methylnaphthalene	NSL	µg/L	< 0.60 U	< 5.0 U	< 5.0 U	< 10 U	< 4.8 U	< 0.37 U	< 20 U	2.9 J	32	20	23	< 0.56 U	13 J
2-Methylphenol (O-Cresol)	NSL	µg/L	< 0.40 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.64 U	< 20 U	< 4.6 U	< 1.6 U	< 0.37 U	< 1.9 U	< 0.38 U	< 4.0 U
2-Nitroaniline	5	µg/L	< 0.42 U	< 10 U	< 10 U	< 10 U	< 9.5 U	< 0.47 U	< 40 U	< 9.2 U	< 1.6 U	< 0.39 U	< 2.0 U	< 0.39 U	< 4.2 U
2-Nitrophenol	NSL	µg/L	< 0.48 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.62 U	< 20 U	< 4.6 U	< 1.9 U	< 0.45 U	< 2.3 U	< 0.45 U	< 4.8 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	< 9.5 U	< 0.4 U	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	5	µg/L	< 0.40 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 1.1 U	< 20 U	< 4.6 U	< 1.6 U	< 0.37 U	< 1.9 U	< 0.38 U	< 4.0 U
3-Nitroaniline	5	µg/L	< 0.48 U	< 10 U	< 10 U	< 10 U	< 9.5 UJ	< 0.64 U	< 40 U	< 9.2 U	< 1.9 U	< 0.45 U	< 2.3 U	< 0.45 U	< 4.8 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 2.2 U	< 10 U	< 10 U	< 20 U	< 19 UJ	< 1.5 U	< 40 U	< 9.2 U	< 8.6 U	< 2.1 U	< 10 U	< 2.1 U	< 22 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 0.45 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.55 U	< 20 U	< 4.6 U	< 1.8 U	< 0.42 U	< 2.1 U	< 0.42 U	< 4.5 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 0.45 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.53 U	< 20 U	< 4.6 U	< 1.8 U	< 0.42 U	< 2.1 U	< 0.42 U	< 4.5 U
4-Chloroaniline	5	µg/L	< 0.59 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.53 U	< 20 U	< 4.6 U	< 2.3 U	< 0.55 U	< 2.8 U	< 0.55 U	< 5.9 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 0.35 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.6 U	< 20 U	< 4.6 U	< 1.4 U	< 0.33 U	< 1.6 U	< 0.33 U	< 3.5 U
4-Methylphenol (P-Cresol)	NSL	µg/L	< 0.36 U	< 10 U	< 10 U	< 10 U	NA	< 1.5 U	< 40 U	5.7 J	9.4 J	4.2 J	7.2 J	< 0.34 U	< 3.6 U
4-Nitroaniline	5	µg/L	< 0.25 U	< 10 U	< 10 U	< 10 U	< 9.5 UJ	< 0.75 U	< 40 U	< 9.2 U	< 0.97 U	< 0.23 U	< 1.2 U	< 0.23 U	< 2.5 U
4-Nitrophenol	NSL	µg/L	< 1.5 U	< 10 U	< 10 U	< 20 U	< 19 U	< 0.45 U	< 40 U	< 9.2 U	< 5.9 U	< 1.4 U	< 7.1 U	< 1.4 U	< 15 U
Acenaphthene	20	µg/L	< 0.41 U	< 5.0 U	< 5.0 U	< 10 U	< 4.8 U	< 0.61 U	< 20 U	< 4.6 U	< 1.6 U	< 0.38 U	< 1.9 U	< 0.39 U	< 4.1 U
Acenaphthylene	NSL	µg/L	< 0.38 U	< 5.0 U	< 5.0 U	< 10 U	< 4.8 U	< 0.42 U	< 20 U	< 4.6 U	< 1.5 U	< 0.36 U	< 1.8 U	< 0.36 U	< 3.8 U
Acetophenone	NSL	µg/L	< 0.54 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.52 U	< 20 U	44	210	< 0.50 U	< 2.5 U	3.4 J	< 5.4 U
Anthracene	50	µg/L	< 0.28 U	< 5.0 U	< 5.0 U	< 10 U	< 4.8 U	< 0.56 U	< 20 U	< 4.6 U	< 1.1 U	< 0.26 U	< 1.3 U	< 0.26 U	< 2.8 U
Atrazine	NSL	µg/L	< 0.46 U	< 5.0 U	< 5.0 U	< 2.0 U	< 19 U	< 0.72 U	< 20 U	< 4.6 U	< 1.8 U	< 0.43 U	< 2.2 U	< 0.43 U	< 4.6 U
Benzaldehyde	NSL	µg/L	< 0.27 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 UJ	< 0.44 U	< 20 U	17	< 1.0 U	< 0.25 U	< 1.3 U	< 0.25 U	< 2.7 U
Benzo(A)Anthracene	0.002	µg/L	< 0.36 U	< 5.0 U	< 5.0 U	< 1.0 U	< 4.8 U	< 0.51 U	< 20 U	< 4.6 U	< 1.4 U	< 0.34 U	< 1.7 U	< 0.34 U	< 3.6 U
Benzo(A)Pyrene	NSL	µg/L	< 0.47 U	< 5.0 U	< 5.0 U	< 1.0 U	< 4.8 U	< 0.63 U	< 20 U	< 4.6 U	< 1.8 U	< 0.44 U	< 2.2 U	< 0.44 U	< 4.7 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.34 U	< 5.0 U	< 5.0 U	< 2.0 U	< 4.8 U	< 0.57 U	< 20 U	< 4.6 U	< 1.3 U	< 0.32 U	< 1.6 U	< 0.32 U	< 3.4 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.35 U	< 5.0 U	< 5.0 U	< 10 U	< 4.8 U	< 0.64 U	< 20 U	< 4.6 U	< 1.4 U	< 0.33 U	< 1.6 U	< 0.33 U	< 3.5 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.73 U	< 5.0 U	< 5.0 U	< 1.0 U	< 4.8 U	< 0.48 U	< 20 U	< 4.6 U	< 2.8 U	< 0.68 U	< 3.4 U	< 0.69 U	< 7.3 U
Benzyl Butyl Phthalate	50	µg/L	< 1.0 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 UJ	< 0.86 U	< 20 U	< 4.6 U	< 1.6 U	< 0.93 U	< 4.7 U	< 0.94 U	< 10 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 0.65 U	< 5.0 U	< 5.0 U	< 10 U	< 19 U	< 0.59 U	< 20 U	< 4.6 U	< 2.5 U	0.95 J	< 3.1 U	< 0.61 U	< 6.5 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 0.35 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.46 U	< 20 U	< 4.6 U	< 1.4 U	< 0.33 U	< 1.6 U	< 0.33 U	< 3.5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 0.40 U	< 5.0 U	< 5.0 U	< 1.0 U	< 9.5 U	< 0.43 U	< 20 U	< 4.6 U	< 1.6 U	< 0.37 U	< 1.9 U	< 0.38 U	< 4.0 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 0.52 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.5 U	< 20 U	< 4.6 U	< 2.0 U	< 0.49 U	< 2.4 U	< 0.49 U	< 5.2 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 2.2 U	< 5.0 U	< 5.0 U	< 2.0 U	< 9.5 UJ	< 1.3 U	< 20 U	< 4.6 U	< 7.0 U	< 2.1 U	< 10 U	< 2.1 U	< 22 U
Caprolactam	NSL	µg/L	< 2.2 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 UJ	< 0.35 U	< 20 U	< 4.6 U	< 8.6 U	< 2.1 U	< 10 U	< 2.1 U	< 22 U
Carbazole	NSL	µg/L	< 0.30 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.58 U	< 20 U	< 4.6 U	< 1.2 U	< 0.28 U	< 1.4 U	< 0.28 U	< 3.0 U
Chrysene	0.002	µg/L	< 0.33 U	< 5.0 U	< 5.0 U	< 2.0 U	< 4.8 U	< 0.52 U	< 20 U	< 4.6 U	< 1.3 U	< 0.31 U	< 1.6 U	< 0.31 U	< 3.3 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.42 U	< 5.0 U	< 5.0 U	< 1.0 U	< 4.8 U	< 0.5 U	< 20 U	< 4.6 U	< 1.6 U	< 0.39 U	< 2.0 U	< 0.39 U	< 4.2 U
Dibenzofuran	NSL	µg/L	< 0.51 U	< 10 U	< 10 U	< 10 U	< 4.8 U	< 0.73 U	< 40 U	< 9.2 U	< 2.0 U	< 0.48 U	< 2.4 U	< 0.48 U	< 5.1 U
Diethyl Phthalate	50	µg/L	< 0.22 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.58 U	< 20 U	< 4.6 U	1.2 J	< 0.21 U	< 1.0 U	< 0.21 U	< 2.2 U
Dimethyl Phthalate	50	µg/L	< 0.36 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 U	< 0.55 U	< 20 U	< 4.6 U	< 1.4 U	< 0.34 U	< 1.7 U	< 0.34 U	< 3.6 U
Di-N-Butyl Phthalate	50	µg/L	< 0.31 U	0.73 J	< 5.0 U	< 10 U	< 9.5 U	< 0.53 U	2.5 J	0.91 J	2.0 J	1.3 J	1.5 J	< 0.29 U	< 3.1 U
Di-N-Octylphthalate	50	µg/L	< 0.47 U	< 5.0 U	< 5.0 U	< 10 U	< 9.5 UJ	< 1.6 U	<						

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-23 6/14/2017 MW-23 061417	MW-23 5/14/2019 MW-23 051419-20190514	MW-23 5/23/2023 518014-MW-23	MW-23 8/7/2024 518014-MW-23	MW-24 10/15/2015 MW-24-20151015	MW-24 3/17/2017 MW-24 031717	MW-24 5/15/2019 MW-24 051519-20190515	MW-24 5/23/2023 518014-MW-24	MW-24 5/23/2023 518014-DUP-1-GW 518014-MW-24_20230523	MW-24 3/17/2024 518014-MW-24	MW-8D 1/10/2012 MW-8D	MW-8D 10/15/2015 MW-8D-20151015	MW-8D 3/17/2017 MW-8D 031717	MW-8D 5/16/2019 MW-8D 051619-20190516	MW-8D 8/7/2024 518014-MW-8D
Analyte	NYSDEC AWQS ¹	Unit															
PFAS (E537/E1633)																	
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF30UdS)	NSL	ng/L	NA	NA	< 3.8 U	< 1.8 U	NA	NA	NA	<3.6 U	< 3.6 U	< 1.6 U	NA	NA	NA	NA	< 13 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	< 82 U	< 3.8 U	< 1.4 U	NA	NA	< 17 U	<3.6 U	< 3.6 U	< 1.3 U	NA	NA	NA	NA	< 17 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	< 3.8 U	< 2.2 U	NA	NA	NA	<3.6 U	< 3.6 U	< 2.0 U	NA	NA	NA	NA	< 16 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	< 82 U	< 3.8 U	< 0.89 U	NA	NA	< 17 U	<3.6 U	< 3.6 U	< 0.83 U	NA	NA	NA	NA	< 17 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	< 47 U	< 7.0 U	NA	NA	NA	< 45 U	< 46 U	< 6.5 U	NA	NA	NA	NA	< 51 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	< 47 U	< 6.0 U	NA	NA	NA	< 45 U	< 46 U	< 5.6 U	NA	NA	NA	NA	< 44 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	< 9.5 U	< 2.4 U	NA	NA	NA	<9.1 U	<9.1 U	< 2.2 U	NA	NA	NA	NA	< 17 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	< 3.8 U	< 1.2 U	NA	NA	NA	<3.6 U	< 3.6 U	< 1.1 U	NA	NA	NA	NA	< 8.8 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	< 3.8 U	< 2.4 U	NA	NA	NA	<3.6 U	< 3.6 U	< 2.2 U	NA	NA	NA	NA	< 17 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	< 3.8 U	< 1.8 U	NA	NA	NA	<3.6 U	< 3.6 U	< 1.6 U	NA	NA	NA	NA	< 13 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	< 0.95 U	< 0.52 U	NA	NA	NA	< 0.91 U	< 0.91 U	< 0.48 U	NA	NA	NA	NA	< 3.8 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	< 82 UJ	< 0.95 U	60	NA	NA	< 17 UJ	< 0.91 U	< 0.91 U	< 0.83 U	NA	NA	NA	NA	< 17 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	< 9.5 U	< 3.7 U	NA	NA	NA	< 9.1 U	< 9.1 U	< 3.4 U	NA	NA	NA	NA	< 27 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	< 0.95 U	< 0.63 U	NA	NA	NA	< 0.91 U	< 0.91 U	< 0.58 U	NA	NA	NA	NA	< 4.6 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	< 82 UJ	< 0.95 U	< 0.50 U	NA	NA	< 17 UJ	< 0.91 U	< 0.91 U	< 0.46 U	NA	NA	NA	NA	< 17 UJ
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	< 9.5 U	< 2.7 U	NA	NA	NA	< 9.1 U	< 9.1 U	< 2.5 U	NA	NA	NA	NA	< 20 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	< 1.9 U	< 1.3 U	NA	NA	NA	< 1.8 U	< 1.8 U	< 1.2 U	NA	NA	NA	NA	< 9.1 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	NA	< 1.9 U	< 0.26 U	NA	NA	NA	< 1.8 U	< 1.8 U	< 0.25 U	NA	NA	NA	NA	< 1.9 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	< 1.9 U	< 0.29 U	NA	NA	NA	< 1.8 U	< 1.8 U	< 0.27 U	NA	NA	NA	NA	< 2.1 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	< 1.9 U	< 0.55 U	NA	NA	NA	< 1.8 U	< 1.8 U	< 0.51 U	NA	NA	NA	NA	< 4.0 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	< 2.0 U	8.1 J	< 0.95 U	< 0.65 U	NA	2	2.2 J	1.5	1.7	1.5 J	NA	NA	NA	< 0.92 U	< 1.7 UJ
Perfluorobutanoic Acid	NSL	ng/L	NA	< 8.2 U	< 3.8 U	40	NA	NA	< 1.7 U	1.9 J	1.9 J	1.5 J	NA	NA	NA	1.0 J	< 6.6 U
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	< 8.2 U	< 0.95 U	< 1.1 U	NA	NA	< 1.7 U	< 0.91 U	< 0.91 U	< 0.99 U	NA	NA	NA	NA	< 1.7 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	< 8.2 U	< 0.95 U	< 0.61 U	NA	NA	< 1.7 UJ	0.17 J	< 0.91 U	< 0.56 U	NA	NA	NA	NA	< 1.7 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	< 0.95 U	< 0.39 U	NA	NA	NA	< 0.91 U	< 0.91 U	< 0.36 U	NA	NA	NA	NA	< 2.9 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	< 8.2 U	< 0.95 U	< 0.75 U	NA	NA	< 1.7 UJ	< 0.91 U	< 0.91 U	< 0.70 U	NA	NA	NA	NA	< 1.7 UJ
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	< 8.2 U	< 0.95 U	2.6	NA	NA	< 1.7 U	0.65 J	0.84 J	< 0.89 U	NA	NA	NA	NA	< 1.7 U
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	2.9	42 J	< 0.95 U	1.8 J	NA	3.1	2	1.7	1.5	1.6 J	NA	NA	< 0.80 U	1.1 J	< 3.6 U
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	3.2	13 J	< 0.95 U	4.7	NA	1.2 J	1.9 J	0.98	1.2	1.6 J	NA	NA	< 0.87 U	< 1.7 UJ	< 7.9 U
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	26 J	< 0.95 U	2	NA	NA	< 1.7 UJ	1.2	1.2	1.8	NA	NA	NA	1.4 J	< 2.1 U
Perfluorononanesulfonic acid (PFNS)	NSL	ng/L	NA	NA	< 0.95 U	< 1.4 U	NA	NA	NA	< 0.91 U	< 0.91 U	< 1.3 U	NA	NA	NA	NA	< 10 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	< 2.0 U	< 8.2 U	< 0.95 U	1.4 J	NA	< 0.65 U	0.90 J	1.6	1.5	1.7 J	NA	NA	< 0.65 U	0.24 J	< 2.9 U
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	< 8.2 U	< 0.95 U	1.6 J	NA	NA	< 1.7 U	< 0.91 U	< 0.91 U	< 0.63 U	NA	NA	NA	< 1.7 U	< 4.9 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	46	52 J	< 0.95 U	310	NA	14	36 J	47	47	50	NA	NA	< 1.3 U	2.1 UJ	< 3.1 U
Perfluorooctanoic acid (PFOA)	6.7	ng/L	16	150 J	< 0.95 U	10	NA	11	8.5	8.8	8.9	6	NA	NA	1.3 J	2.7 J	< 5.4 U
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	< 0.95 U	< 0.99 U	NA	NA	NA	0.29 J	0.27 J	< 0.92 U	NA	NA	NA	NA	< 7.2 U
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	17	< 1.9 U	< 0.71 U	NA	NA	1.3 J	0.87 J	0.89 J	1.5 J	NA	NA	NA	2.2	< 5.2 U
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	< 8.2 U	< 0.95 U	< 0.74 U	NA	NA	< 1.7 UJ	< 0.91 U	< 0.91 U	< 0.69 U	NA	NA	NA	< 1.7 UJ	< 5.4 U
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	< 8.2 U	< 0.95 U	0.90 J	NA	NA	< 1.7 U	< 0.91 U	< 0.91 U	< 0.72 U	NA	NA	NA	< 1.7 U	< 5.6 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	< 8.2 UJ	< 0.95 U	< 0.54 U	NA	NA	< 1.7 UJ	< 0.91 U	< 0.91 U	< 0.50 U	NA	NA	NA	< 1.7 U	< 3.9 U
VOCs (SW8260)																	
1,1,1,2-Tetrachloroethane	5	µg/L	< 2.0 U	NA	NA	NA	< 1.0 U	< 0.35 U	NA	NA	NA	NA	NA	< 1.0 U	< 0.35 U	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 2.0 U	< 1.0 U	< 1 U	< 1.1 U	< 1.0 U	< 0.82 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 1.0 U	< 1.0 U	< 0.82 U	< 1.0 U	< 0.54 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 2.0 U	< 1.0 U	< 0.5 U	< 1.3 U	< 1.0 U	< 0.21 U	< 1.0 U	< 0.5 U	< 0.5 U	< 0.65 U	< 1.0 U	< 1.0 U	< 0.21 U	< 1.0 U	< 0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 2.0 U	< 1.0 U	< 1 U	< 1.2 U	< 1.0 U	< 0.31 U	< 1.0 U	< 1 U	< 1 U	< 0.58 U	< 1.0 U	< 1.0 U	< 0.31 U	< 1.0 U	< 0.58 U
1,1,2-Trichloroethane	1	µg/L	< 2.0 U	< 1.0 U	< 1 U	< 1.1 U	< 1.0 U	< 0.23 U	< 1.0 U	< 1 U	< 1 U	< 0.53 U	< 1.0 U	< 1.0 U	< 0.23 U	< 1.0 U	< 0.53 U
1,1-Dichloroethane	5	µg/L	< 2.0 U	< 1.0 U	< 1 U	< 1.1 U	< 1.0 U	< 0.38 U	< 1.0 U	< 1 U	< 1 U	< 0.57 U	< 1.0 U	< 1.0 U	< 0.38 U	< 1.0 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 2.0 U	< 1.0 U	< 1 U	< 1.2 U	< 1.0 U	< 0.29 U	< 1.0 U	< 1 U	< 1 U	< 0.59 U	< 1.0 U	< 1.0 U	< 0.29 U	< 1.0 U	< 0.59 U
1,1-Dichloropropene	5	µg/L	< 2.0 U	NA	NA	NA	< 1.0 U	< 0.72 U	NA	NA	NA	NA	NA	< 1.0 U	< 0.72 U	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	< 2.0 U	NA	< 5 U	< 1 U	< 1.0 U	< 0.41 U	NA	< 5 U	< 5 U	< 0.5 U	NA	< 1.0 U	< 0.41 U	NA	< 0.5 U
1,2,3-Trichloropropane	0.04	µg/L	< 2.0 U	NA	NA	NA	< 1.0 U	< 0.89 U	NA	NA	NA	NA	NA	< 1.0 U	< 0.89 U	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 2.0 U	<													

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-23 6/14/2017 MW-23 061417	MW-23 5/14/2019 MW-23 051419-20190514	MW-23 5/23/2023 518014-MW-23	MW-23 8/7/2024 518014-MW-23	MW-24 10/15/2015 MW-24-20151015	MW-24 3/17/2017 MW-24 031717	MW-24 5/15/2019 MW-24 051519-20190515	MW-24 5/23/2023 518014-MW-24	MW-24 5/23/2023 518014-DUP-1-GW 518014-MW-24-20230523	MW-24 3/17/2017 518014-MW-24	MW-8D 1/10/2012 MW-8D	MW-8D 10/15/2015 MW-8D-20151015	MW-8D 3/17/2017 MW-8D 031717	MW-8D 5/16/2019 MW-8D 051619-20190516	MW-8D 8/7/2024 518014-MW-8D
Analyte	NYSDEC AWQS ¹	Unit															
Bromomethane	5	µg/L	< 2.0 U	< 1.0 U	< 2 U	< 3.3 U	< 1.0 U	< 0.69 U	< 1.0 U	< 2 U	< 2 U	< 1.6 U	< 1.0 U	< 1.0 U	< 0.69 U	< 1.0 U	< 1.6 U
Carbon Disulfide	60	µg/L	1.3 J	0.30 J	< 5 U	< 3.6 U	< 1.0 U	< 0.19 U	< 1.0 U	< 5 U	< 5 U	< 1.8 U	< 1.0 U	< 1.0 U	< 0.19 U	< 1.0 U	< 1.8 U
Carbon Tetrachloride	5	µg/L	< 2.0 U	< 1.0 U	< 5 U	< 1.1 U	< 1.0 U	< 0.27 U	< 1.0 U	< 5 U	< 5 U	< 0.55 U	< 1.0 U	< 1.0 U	< 0.27 U	< 1.0 U	< 0.55 U
Chlorobenzene	5	µg/L	< 2.0 U	< 1.0 U	< 1 U	< 1.1 U	< 1.0 U	< 0.75 U	< 1.0 U	< 1 U	< 1 U	< 0.56 U	< 1.0 U	< 1.0 U	< 0.75 U	< 1.0 U	< 0.56 U
Chloroethane	5	µg/L	1.5 J	< 1.0 U	< 2 U	< 1.5 U	< 1.0 U	< 0.32 U	< 1.0 U	< 2 U	< 2 U	< 0.73 U	< 1.0 U	< 1.0 U	< 0.32 U	< 1.0 U	< 0.73 U
Chloroform	7	µg/L	< 2.0 U	< 1.0 U	< 2 U	< 1 U	< 1.0 U	< 0.34 U	< 1.0 U	< 2 U	< 2 U	< 0.5 U	< 1.0 U	< 1.0 U	< 0.34 U	< 1.0 U	< 0.5 U
Chloromethane (Methyl Chloride)	NSL	µg/L	0.82 J	< 1.0 U	< 2 U	< 1.5 U	< 1.0 U	< 0.35 U	< 1.0 U	< 2 U	< 2 U	< 0.76 U	< 1.0 U	< 1.0 U	< 0.35 U	< 1.0 U	< 0.76 U
Cis-1,2-Dichloroethylene	5	µg/L	2.3	2.1	1.3	7.9	< 1.0 U	< 0.81 U	< 1.0 U	< 1 U	< 1 U	< 0.51 U	< 1.0 U	< 1.0 U	< 0.81 U	< 1.0 U	< 0.51 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 2.0 U	< 1.0 U	< 0.5 U	< 0.94 U	< 1.0 U	< 0.36 U	< 1.0 U	< 0.5 U	< 0.5 U	< 0.47 U	< 1.0 U	< 1.0 U	< 0.36 U	< 1.0 U	< 0.47 U
Cyclohexane	NSL	µg/L	1.3 J	0.67 J	< 5 U	2.8 J	< 1.0 U	< 0.18 U	< 1.0 U	< 5 U	< 5 U	< 0.78 U	< 1.0 U	< 1.0 U	< 0.18 U	< 1.0 U	< 0.78 U
Cymene	NSL	µg/L	6	1.4	NA	NA	< 1.0 U	< 0.31 U	< 1.0 U	NA	NA	NA	NA	< 1.0 U	< 0.31 U	< 1.0 U	NA
Dibromochloromethane	50	µg/L	< 2.0 U	< 1.0 U	< 0.5 U	< 1.1 U	< 1.0 U	< 0.32 U	< 1.0 U	< 0.5 U	< 0.5 U	< 0.56 U	< 1.0 U	< 1.0 U	< 0.32 U	< 1.0 U	< 0.56 U
Dibromomethane	5	µg/L	< 2.0 U	NA	NA	NA	< 1.0 U	< 0.41 U	NA	NA	NA	NA	NA	< 1.0 U	< 0.41 U	NA	NA
Dichlorodifluoromethane	5	µg/L	< 2.0 U	< 1.0 U	< 2 U	< 1.1 U	< 1.0 U	< 0.68 U	< 1.0 U	< 2 U	< 2 U	< 0.56 U	< 1.0 U	< 1.0 U	< 0.68 U	< 1.0 U	< 0.56 U
Ethylbenzene	5	µg/L	32	16	7.1	76.4	< 1.0 U	< 0.74 U	< 1.0 U	< 1 U	< 1 U	< 0.6 U	< 1.0 U	< 1.0 U	< 0.74 U	< 1.0 U	< 0.6 U
Hexachlorobutadiene	0.5	µg/L	< 2.0 U	NA	NA	NA	< 1.0 U	< 0.28 U	NA	NA	NA	NA	NA	< 1.0 U	< 0.28 U	NA	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	< 2.0 U	NA	NA	NA	< 1.0 U	< 0.30 U	NA	NA	NA	NA	NA	< 1.0 U	< 0.30 U	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	7.8	3.5	3.9	39.1	< 1.0 U	< 0.79 U	< 1.0 U	< 1 U	< 1 U	< 0.65 U	< 1.0 U	< 1.0 U	< 0.79 U	< 1.0 U	< 0.65 U
Methyl Acetate	NSL	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 1.6 U	< 2.5 U	< 1.3 U	< 5.0 U	< 1 U	< 1 U	< 0.8 U	< 1.0 U	< 2.5 U	< 1.3 U	< 5.0 U	< 0.8 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 2.0 U	4.3 J	2.8 J	13.3 J	2.2 J	< 1.3 U	< 5.0 U	< 2.0 U	< 2.0 U	< 2.7 U	< 1.0 U	< 1.0 U	< 1.3 U	< 5.0 U	< 2.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 10 U	< 5.0 U	< 10 U	< 9.7 U	< 5.0 U	< 2.1 U	< 5.0 U	< 10 U	< 10 U	< 4.9 U	< 5.0 U	< 5.0 U	< 2.1 U	< 5.0 U	< 4.9 U
Methylcyclohexane	NSL	µg/L	3.2	0.74 J	1.2	11.1	< 1.0 U	< 0.16 U	< 1.0 U	< 1 U	< 1 U	< 0.6 U	< 1.0 U	< 1.0 U	< 0.16 U	< 1.0 U	< 0.6 U
Methylene Chloride	5	µg/L	< 2.0 U	< 1.0 U	< 5 U	< 2 U	< 1.0 U	< 0.44 U	< 1.0 U	< 5 U	< 5 U	< 1 U	< 1.0 U	< 1.0 U	< 0.44 U	< 1.0 U	< 1 U
M-P-Xylene	NSL	µg/L	95	74	NA	144	< 2.0 U	< 0.66 U	< 1.0 U	NA	NA	< 0.78 U	< 2.0 U	< 2.0 U	< 0.66 U	< 1.0 U	< 0.78 U
Naphthalene	10	µg/L	18	6.9	NA	NA	< 1.0 U	< 0.43 U	< 1.0 U	NA	NA	NA	NA	< 1.0 U	< 0.43 U	< 1.0 U	NA
N-Butylbenzene	5	µg/L	7.9	0.86 J	NA	NA	< 1.0 U	< 0.64 U	< 1.0 U	NA	NA	NA	NA	< 1.0 U	< 0.64 U	< 1.0 U	NA
N-Propylbenzene	NSL	µg/L	12	5.6	NA	NA	< 1.0 U	< 0.69 U	< 1.0 U	NA	NA	NA	NA	< 1.0 U	< 0.69 U	< 1.0 U	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	83	40	NA	200	< 1.0 U	< 0.76 U	< 1.0 U	NA	NA	< 0.59 U	< 1.0 U	< 1.0 U	< 0.76 U	< 1.0 U	< 0.59 U
Sec-Butylbenzene	5	µg/L	4.3	1.3	NA	NA	< 1.0 U	< 0.75 U	< 1.0 U	NA	NA	NA	NA	< 1.0 U	< 0.75 U	< 1.0 U	NA
Styrene	5	µg/L	< 2.0 U	< 1.0 U	< 1 U	< 0.97 U	< 1.0 U	< 0.73 U	< 1.0 U	< 1 U	< 1 U	< 0.49 U	< 1.0 U	< 1.0 U	< 0.73 U	< 1.0 U	< 0.49 U
T-Butylbenzene	5	µg/L	< 2.0 U	< 1.0 U	NA	NA	< 1.0 U	< 0.81 U	< 1.0 U	NA	NA	NA	NA	< 1.0 U	< 0.81 U	< 1.0 U	NA
Tert-Butyl Methyl Ether	10	µg/L	< 2.0 U	< 1.0 U	< 1 U	< 1 U	< 1.0 U	< 0.16 U	< 1.0 U	< 1 U	< 1 U	< 0.51 U	< 1.0 U	< 1.0 U	< 0.16 U	< 1.0 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 2.0 U	< 1.0 U	0.98 J	5.1	< 1.0 U	< 0.36 U	< 1.0 U	< 1 U	< 1 U	< 0.56 U	< 1.0 U	< 1.0 U	< 0.36 U	< 1.0 U	< 0.56 U
Toluene	5	µg/L	< 2.0 U	< 1.0 U	0.81 J	5.2	< 1.0 U	< 0.51 U	< 1.0 U	< 1 U	< 1 U	< 0.49 U	< 1.0 U	< 1.0 U	< 0.51 U	< 1.0 U	0.54 J
Trans-1,2-Dichloroethene	5	µg/L	< 2.0 U	< 1.0 U	< 1 U	< 1.1 U	< 1.0 U	< 0.90 U	< 1.0 U	< 1 U	< 1 U	< 0.54 U	< 1.0 U	< 1.0 U	< 0.90 U	< 1.0 U	< 0.54 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 2.0 U	< 1.0 U	< 0.5 U	< 0.86 U	< 1.0 U	< 0.37 U	< 1.0 U	< 0.5 U	< 0.5 U	< 0.43 U	< 1.0 U	< 1.0 U	< 0.37 U	< 1.0 U	< 0.43 U
Trichloroethylene (TCE)	5	µg/L	< 2.0 U	0.76 J	< 1 U	< 1.1 U	< 1.0 U	< 0.46 U	< 1.0 U	< 1 U	< 1 U	< 0.53 U	< 1.0 U	< 1.0 U	< 0.46 U	< 1.0 U	< 0.53 U
Trichlorofluoromethane	5	µg/L	< 2.0 U	< 1.0 U	< 2 U	< 0.8 U	< 1.0 U	< 0.88 U	< 1.0 U	< 2 U	< 2 U	< 0.4 U	< 1.0 U	< 1.0 U	< 0.88 U	< 1.0 U	< 0.4 U
Vinyl Acetate	NSL	µg/L	< 10 U	NA	NA	NA	< 5.0 U	< 0.85 U	NA	NA	NA	NA	NA	< 5.0 U	< 0.85 U	NA	NA
Vinyl Chloride	2	µg/L	< 2.0 U	< 1.0 U	< 2 U	< 1 U	< 1.0 U	< 0.90 U	< 1.0 U	< 2 U	< 2 U	< 0.52 U	< 1.0 U	< 1.0 U	< 0.90 U	< 1.0 U	< 0.52 U
Xylenes	5	µg/L	180	110	36	344	< 2.0 U	< 0.66 U	< 2.0 U	< 1 U	< 1 U	< 0.59 U	< 2.0 U	< 2.0 U	< 0.66 U	< 2.0 U	< 0.59 U
Pesticides (SW8081)																	
Alachlor	NSL	µg/L	NA	NA	< 0.18 U	NA	NA	NA	NA	< 0.19 U	< 0.18 U	NA	NA	NA	NA	NA	NA
Aldrin	NSL	µg/L	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0041 U	< 0.050 U	< 0.0081 U	< 0.020 U	< 0.047 U	< 0.045 U	< 0.0041 U	< 0.25 U	< 0.049 U	< 0.0081 U	< 0.020 U	< 0.0041 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.050 U	< 0.0077 U	< 0.020 U	< 0.047 U	< 0.045 U	< 0.0042 U	< 0.25 U	< 0.049 U	< 0.0077 U	< 0.020 U	< 0.0042 U
Alpha Endosulfan	NSL	µg/L	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.050 U	< 0.011 U	< 0.020 U	< 0.047 U	< 0.045 U	< 0.0042 U	< 0.25 U	< 0.049 U	< 0.011 U	< 0.020 U	< 0.0042 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0064 U	< 0.050 U	< 0.025 U	< 0.020 U	< 0.047 U	< 0.045 U	< 0.0064 U	< 0.25 U	< 0.			

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-23 6/14/2017 MW-23 061417	MW-23 5/14/2019 MW-23 051419-20190514	MW-23 5/23/2023 518014-MW-23	MW-23 8/7/2024 518014-MW-23	MW-24 10/15/2015 MW-24-20151015	MW-24 3/17/2017 MW-24 031717	MW-24 5/15/2019 MW-24 051519-20190515	MW-24 5/23/2023 518014-MW-24	MW-24 3/17/2017 518014-DUP-1-GW 518014-MW-24_20230523	MW-24 8/7/2024 518014-MW-24	MW-8D 1/10/2012 MW-8D	MW-8D 10/15/2015 MW-8D-20151015	MW-8D 3/17/2017 MW-8D 031717	MW-8D 5/16/2019 MW-8D 051619-20190516	MW-8D 8/7/2024 518014-MW-8D
Analyte	NYSDEC AWQS ¹	Unit															
SVOCs (SW8270)																	
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	< 9.1 U	< 0.48 U	NA	NA	NA	< 9.4 U	< 9.2 U	< 0.48 U	NA	NA	NA	NA	< 0.48 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	< 0.19 U	< 0.2 U	NA	< 0.20 U	NA	< 0.19 U	< 0.19 U	< 0.2 U	NA	NA	< 0.20 U	< 0.40 U	< 0.2 U
2,4,5-Trichlorophenol	NSL	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.64 U	< 5.2 U	< 0.48 U	< 10 U	< 9.4 U	< 9.2 U	< 0.64 U	< 4.7 U	< 5.1 U	< 0.48 U	< 10 U	< 0.64 U
2,4,6-Trichlorophenol	NSL	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.49 U	< 5.2 U	< 0.61 U	< 10 U	< 9.4 U	< 9.2 U	< 0.49 U	< 4.7 U	< 5.1 U	< 0.61 U	< 10 U	< 0.49 U
2,4-Dichlorophenol	5	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.59 U	< 5.2 U	< 0.51 U	< 10 U	< 9.4 U	< 9.2 U	< 0.59 U	< 4.7 U	< 5.1 U	< 0.51 U	< 10 U	< 0.59 U
2,4-Dimethylphenol	50	µg/L	5	1.4 J	< 9.1 U	< 0.52 U	< 5.2 U	< 0.50 U	< 10 U	< 9.4 U	< 9.2 U	< 0.52 U	< 4.7 U	< 5.1 U	< 0.50 U	< 10 U	< 0.52 U
2,4-Dinitrophenol	10	µg/L	< 10 U	< 20 U	< 18 UJ	13.8	< 10 U	< 2.2 U	< 20 U	< 9.4 UJ	< 9.2 UJ	< 0.67 U	< 9.4 U	< 10 U	< 2.2 U	< 20 U	< 0.67 U
2,4-Dinitrotoluene	5	µg/L	< 5.0 U	< 2.0 U	< 9.1 U	< 1.9 U	< 5.2 U	< 0.45 U	< 2.0 U	< 9.4 U	< 9.2 U	< 1.9 U	< 4.7 U	< 5.1 U	< 0.45 U	< 2.0 U	< 1.9 U
2,6-Dinitrotoluene	5	µg/L	< 5.0 U	< 2.0 U	< 9.1 U	< 0.55 U	< 5.2 U	< 0.40 U	< 2.0 U	< 9.4 U	< 9.2 U	< 0.55 U	< 4.7 U	< 5.1 U	< 0.40 U	< 2.0 U	< 0.55 U
2-Chloronaphthalene	10	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.56 U	< 5.2 U	< 0.46 U	< 10 U	< 9.4 U	< 9.2 U	< 0.56 U	< 4.7 U	< 5.1 U	< 0.46 U	< 10 U	< 0.56 U
2-Chlorophenol	1	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.43 U	< 5.2 U	< 0.53 U	< 10 U	< 9.4 U	< 9.2 U	< 0.43 U	< 4.7 U	< 5.1 U	< 0.53 U	< 10 U	< 0.43 U
2-Methylnaphthalene	NSL	µg/L	0.67 J	< 10 U	< 4.5 U	< 0.37 U	< 5.2 U	< 0.60 U	< 10 U	< 4.7 U	< 4.6 U	< 0.37 U	< 4.7 U	< 5.1 U	< 0.60 U	< 10 U	< 0.37 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 5.0 U	< 10 U	< 9.1 U	3.3	< 5.2 U	< 0.40 U	< 10 U	< 9.4 U	< 9.2 U	< 0.64 U	< 4.7 U	< 5.1 U	< 0.40 U	< 10 U	< 0.64 U
2-Nitroaniline	5	µg/L	< 10 U	< 10 U	< 9.1 U	< 0.47 U	< 10 U	< 0.42 U	< 10 U	< 9.4 U	< 9.2 U	< 0.47 U	< 9.4 U	< 10 U	< 0.42 U	< 10 U	< 0.47 U
2-Nitrophenol	NSL	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.62 U	< 5.2 U	< 0.48 U	< 10 U	< 9.4 U	< 9.2 U	< 0.62 U	< 4.7 U	< 5.1 U	< 0.48 U	< 10 U	< 0.62 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	< 9.1 U	< 0.4 U	NA	NA	NA	< 9.4 U	< 9.2 U	< 0.4 U	NA	NA	NA	NA	< 0.4 U
3,3'-Dichlorobenzidine	5	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 1.1 U	< 5.2 U	< 0.40 U	< 10 U	< 9.4 U	< 9.2 U	< 1.1 U	< 4.7 U	< 5.1 U	< 0.40 U	< 10 U	< 1.1 U
3-Nitroaniline	5	µg/L	< 10 U	< 10 U	< 9.1 UJ	< 0.64 U	< 10 U	< 0.48 U	< 10 U	< 9.4 U	< 9.2 U	< 0.64 U	< 9.4 U	< 10 U	< 0.48 U	< 10 U	< 0.64 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 10 U	< 20 U	< 18 UJ	< 1.5 U	< 10 U	< 2.2 U	< 20 U	< 19 UJ	< 18 UJ	< 1.5 U	< 9.4 U	< 10 U	< 2.2 U	< 20 U	< 1.5 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.55 U	< 5.2 U	< 0.45 U	< 10 U	< 9.4 U	< 9.2 U	< 0.55 U	< 4.7 U	< 5.1 U	< 0.45 U	< 10 U	< 0.55 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.53 U	< 5.2 U	< 0.45 U	< 10 U	< 9.4 U	< 9.2 U	< 0.53 U	< 4.7 U	< 5.1 U	< 0.45 U	< 10 U	< 0.53 U
4-Chloroaniline	5	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.53 U	< 5.2 U	< 0.59 U	< 10 U	< 9.4 U	< 9.2 U	< 0.53 U	< 4.7 U	< 5.1 U	< 0.59 U	< 10 U	< 0.53 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.6 U	< 5.2 U	< 0.35 U	< 10 U	< 9.4 U	< 9.2 U	< 0.6 U	< 4.7 U	< 5.1 U	< 0.35 U	< 10 U	< 0.6 U
4-Methylphenol (P-Cresol)	NSL	µg/L	1.6 J	< 10 U	< 10 U	2.3	< 10 U	< 0.36 U	< 10 U	NA	NA	< 1.5 U	< 9.4 U	< 10 U	< 0.36 U	< 10 U	< 1.5 U
4-Nitroaniline	5	µg/L	< 10 U	< 10 U	< 9.1 UJ	< 0.75 U	< 10 U	< 0.25 U	< 10 U	< 9.4 U	< 9.2 U	< 0.75 U	< 9.4 U	< 10 U	< 0.25 U	< 10 U	< 0.75 U
4-Nitrophenol	NSL	µg/L	< 10 U	< 20 U	< 18 U	< 0.45 U	< 10 U	< 1.5 U	< 20 U	< 9.4 U	< 9.2 U	< 0.45 U	< 9.4 U	< 10 U	< 1.5 U	< 20 U	< 0.45 U
Acenaphthene	20	µg/L	< 5.0 U	< 10 U	< 4.5 U	< 0.61 U	< 5.2 U	< 0.41 U	< 10 U	< 4.7 U	< 4.6 U	< 0.61 U	< 4.7 U	< 5.1 U	< 0.41 U	< 10 U	< 0.61 U
Acenaphthylene	NSL	µg/L	< 5.0 U	< 10 U	< 4.5 U	< 0.42 U	< 5.2 U	< 0.38 U	< 10 U	< 4.7 U	< 4.6 U	< 0.42 U	< 4.7 U	< 5.1 U	< 0.38 U	< 10 U	< 0.42 U
Acetophenone	NSL	µg/L	18	< 10 U	< 9.1 U	< 0.52 U	< 5.2 U	< 0.54 U	< 10 U	< 9.4 U	< 9.2 U	< 0.52 U	< 4.7 U	1.1 J	< 0.54 U	< 10 U	< 0.52 U
Anthracene	50	µg/L	< 5.0 U	< 10 U	< 4.5 U	< 0.56 U	< 5.2 U	< 0.28 U	< 10 U	< 4.7 U	< 4.6 U	< 0.56 U	< 4.7 U	< 5.1 U	< 0.28 U	< 10 U	< 0.56 U
Atrazine	NSL	µg/L	< 5.0 U	< 2.0 U	< 18 U	< 0.72 U	< 5.2 U	< 0.46 U	< 2.0 U	< 19 U	< 18 U	< 0.72 U	< 4.7 U	< 5.1 U	< 0.46 U	< 2.0 U	< 0.72 U
Benzaldehyde	NSL	µg/L	< 5.0 U	< 10 U	< 9.1 UJ	< 0.44 U	< 5.2 U	< 0.27 U	< 10 U	< 9.4 UJ	< 9.2 UJ	< 0.44 U	< 4.7 U	< 5.1 U	< 0.27 U	< 10 U	< 0.44 U
Benzo(A)Anthracene	0.002	µg/L	< 5.0 U	< 1.0 U	< 4.5 U	< 0.51 U	< 5.2 U	< 0.36 U	< 1.0 U	< 4.7 U	< 4.6 U	< 0.51 U	< 4.7 U	< 5.1 U	< 0.36 U	< 1.0 U	< 0.51 U
Benzo(A)Pyrene	NSL	µg/L	< 5.0 U	< 1.0 U	< 4.5 U	< 0.63 U	< 5.2 U	< 0.47 U	< 1.0 U	< 4.7 U	< 4.6 U	< 0.63 U	< 4.7 U	< 5.1 U	< 0.47 U	< 1.0 U	< 0.63 U
Benzo(B)Fluoranthene	0.002	µg/L	< 5.0 U	< 2.0 U	< 4.5 U	< 0.57 U	< 5.2 U	< 0.34 U	< 2.0 U	< 4.7 U	< 4.6 U	< 0.57 U	< 4.7 U	< 5.1 U	< 0.34 U	< 2.0 U	< 0.57 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 5.0 U	< 10 U	< 4.5 U	< 0.64 U	< 5.2 U	< 0.35 U	< 10 U	< 4.7 U	< 4.6 U	< 0.64 U	< 4.7 U	< 5.1 U	< 0.35 U	< 10 U	< 0.64 U
Benzo(K)Fluoranthene	0.002	µg/L	< 5.0 U	< 1.0 U	< 4.5 U	< 0.48 U	< 5.2 U	< 0.73 U	< 1.0 U	< 4.7 U	< 4.6 U	< 0.48 U	< 4.7 U	< 5.1 U	< 0.73 U	< 1.0 U	< 0.48 U
Benzyl Butyl Phthalate	50	µg/L	< 5.0 U	< 10 U	< 9.1 UJ	< 0.86 U	0.62 J	< 1.0 U	< 10 U	< 9.4 UJ	< 9.2 UJ	< 0.86 U	< 4.7 U	0.60 J	< 1.0 U	< 10 U	< 0.86 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 5.0 U	< 10 U	< 18 U	< 0.59 U	< 5.2 U	< 0.65 U	< 10 U	< 19 U	< 18 U	< 0.59 U	< 4.7 U	< 5.1 U	< 0.65 U	< 10 U	< 0.59 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.46 U	< 5.2 U	< 0.35 U	< 10 U	< 9.4 U	< 9.2 U	< 0.46 U	< 4.7 U	< 5.1 U	< 0.35 U	< 10 U	< 0.46 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 5.0 U	< 1.0 U	< 9.1 U	< 0.43 U	< 5.2 U	< 0.40 U	< 1.0 U	< 9.4 U	< 9.2 U	< 0.43 U	< 4.7 U	< 5.1 U	< 0.40 U	< 1.0 U	< 0.43 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 5.0 U	< 10 U	< 9.1 U	< 0.5 U	< 5.2 U	< 0.52 U	< 10 U	< 9.4 U	< 9.2 U	< 0.5 U	< 4.7 U	< 5.1 U	< 0.52 U	< 10 U	< 0.5 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 5.0 U	< 2.0 U	< 9.1 UJ	< 1.3 U	< 5.2 U	< 2.2 U	< 2.0 U	< 9.4 UJ	< 9.2 UJ	3.4.					

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name			MW-8S 1/10/2012 MW-8S	MW-8S 10/15/2015 MW-8S-20151015	MW-8S 3/17/2017 MW-8S 031717	MW-8S 5/16/2019 MW-8S 051619-20190516	MW-8S 5/16/2019 DUP 051619-20190516 MW-8S 051619-20190516	MW-8S 5/23/2023 518014-MW-8S	MW-8S 8/8/2024 518014-MW-8S	VEW-1 1/10/2012 VEW-1	VEW-1 10/13/2015 VEW-1	VEW-1 3/16/2017 VEW-1 031617	VEW-1 5/14/2019 VEW-1 051419-20190514	VEW-1 5/23/2023 518014-VEW-1	VEW-1 8/8/2024 518014-VEW-1	VEW-2 1/10/2012 VEW-2
Parent Sample ID																
Analyte	NYSDEC AWQS ¹	Unit														
PFAS (E537/E1633)																
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 1.7 U	NA	NA	NA	NA	< 3.6 U	< 2.0 U	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	< 17 U	< 17 U	< 3.6 U	< 1.3 U	NA	NA	< 82 U	< 3.6 U	< 1.6 U	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 2.1 U	NA	NA	NA	NA	< 3.6 U	< 2.5 U	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	< 17 U	< 17 U	< 3.6 U	< 0.83 U	NA	NA	< 82 U	< 3.6 U	< 1.0 U	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	< 45 U	< 6.5 U	NA	NA	NA	NA	< 45 U	< 7.9 U	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	< 45 U	< 5.7 U	NA	NA	NA	NA	< 45 U	< 6.9 U	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	< 9.1 U	< 2.2 U	NA	NA	NA	NA	< 9 U	< 2.7 U	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 1.1 U	NA	NA	NA	NA	< 3.6 U	< 1.4 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 2.2 U	NA	NA	NA	NA	< 3.6 U	< 2.7 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 1.7 U	NA	NA	NA	NA	< 3.6 U	< 2.0 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 0.49 U	NA	NA	NA	NA	< 0.9 U	< 0.59 U	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	1.7 J	< 17 UJ	< 0.91 U	< 0.83 U	NA	NA	NA	100 J	23	40	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	< 9.1 U	< 3.4 U	NA	NA	NA	NA	< 9 U	< 4.2 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 0.59 U	NA	NA	NA	NA	< 0.9 U	< 0.71 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	< 17 UJ	< 17 UJ	< 0.91 U	< 0.47 U	NA	NA	NA	< 82 U	< 0.9 U	< 0.57 U	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	< 9.1 U	< 2.6 U	NA	NA	NA	NA	< 9 U	< 3.1 U	NA
Nonafluoro-3,6-dioxahепtanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 1.2 U	NA	NA	NA	NA	< 1.8 U	< 1.4 U	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 0.25 U	NA	NA	NA	NA	< 1.8 U	< 0.30 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 0.28 U	NA	NA	NA	NA	< 1.8 U	< 0.33 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 0.51 U	NA	NA	NA	NA	< 1.8 U	< 0.62 U	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	6.9	1.0 J	1.2 J	2.4	2	NA	NA	2	< 8.2 U	2	1.8 J	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	< 1.7 UJ	< 1.7 UJ	< 3.6 U	< 0.85 U	NA	NA	NA	< 8.2 UJ	< 3.6 U	40	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	< 1.7 U	< 1.7 U	< 0.91 U	< 1.0 U	NA	NA	NA	< 8.2 U	< 0.9 U	< 1.2 U	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	< 1.7 UJ	< 1.7 UJ	< 0.91 U	< 0.57 U	NA	NA	NA	< 8.2 U	< 0.9 U	< 0.69 U	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 0.37 U	NA	NA	NA	NA	< 0.9 U	< 0.45 U	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	< 1.7 UJ	< 1.7 UJ	< 0.91 U	< 0.71 U	NA	NA	NA	< 8.2 U	< 0.9 U	< 0.86 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	< 1.7 U	< 1.7 U	< 0.91 U	< 0.90 U	NA	NA	NA	15	16	4.5	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	1.7 J	< 1.7 U	< 1.7 UJ	< 0.91 U	< 0.46 U	NA	NA	20	19	2.4	1.5 J	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	2.4	1.0 J	< 1.7 UJ	0.97	< 1.0 U	NA	NA	14	30 J	5	3.2	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	< 1.7 UJ	< 1.7 UJ	< 0.91 U	< 0.27 U	NA	NA	NA	14	2.1	< 0.32 U	NA
Perfluoronanesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 1.3 U	NA	NA	NA	NA	< 0.9 U	< 1.6 U	NA
Perfluoronanoic acid (PFNA)	NSL	ng/L	NA	NA	< 0.65 U	< 1.7 UJ	< 1.7 UJ	< 0.91 U	< 0.37 U	NA	NA	2.5	6.3 J	1.9	1.3 J	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	NA	< 1.7 U	< 1.7 U	< 0.91 U	< 0.63 U	NA	NA	NA	< 8.2 U	4.7	2.8	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	17	8.0 UJ	< 1.7 UJ	1.3	0.86 J	NA	NA	1400	1500	1200 J	510	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	5.2	0.69 J	0.59 J	< 0.91 U	< 0.69 U	NA	NA	110	76 J	34	20	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 0.93 U	NA	NA	NA	NA	0.92	< 1.1 U	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	< 1.7 U	< 1.7 U	< 1.8 U	< 0.67 U	NA	NA	NA	6.1 J	1.6 J	< 0.81 U	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	< 1.7 UJ	< 1.7 UJ	< 0.91 U	< 0.70 U	NA	NA	NA	< 8.2 U	< 0.9 U	< 0.85 U	NA
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	NA	NA	< 1.7 U	< 1.7 U	< 0.91 U	< 0.72 U	NA	NA	NA	< 8.2 U	< 0.9 U	< 0.88 U	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	< 1.7 U	< 1.7 U	< 0.91 U	< 0.50 U	NA	NA	NA	< 8.2 U	< 0.9 U	< 0.61 U	NA
VOCs (SW8260)																
1,1,1,2-Tetrachloroethane	5	µg/L	NA	< 1.0 U	< 0.35 U	NA	NA	NA	NA	NA	< 2.0 U	< 0.70 U	NA	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1.0 U	< 1.0 U	< 0.82 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U	< 1.0 U	< 2.0 U	< 1.6 U	< 1.0 U	< 1 U	< 0.54 U	< 1.0 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 1.0 U	< 0.21 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.65 U	< 1.0 U	< 2.0 U	< 0.42 U	< 1.0 U	0.25 J	< 0.65 U	< 1.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1.0 U	< 1.0 U	< 0.31 U	< 1.0 U	< 1.0 U	< 1 U	< 0.58 U	< 1.0 U	< 2.0 U	< 0.62 U	< 1.0 U	< 1 U	< 0.58 U	< 1.0 U
1,1,2-Trichloroethane	1	µg/L	< 1.0 U	< 1.0 U	< 0.23 U	< 1.0 U	< 1.0 U	< 1 U	< 0.53 U	< 1.0 U	< 2.0 U	< 0.46 U	< 1.0 U	< 1 U	< 0.53 U	< 1.0 U
1,1-Dichloroethane	5	µg/L	< 1.0 U	< 1.0 U	< 0.38 U	< 1.0 U	< 1.0 U	< 1 U	< 0.57 U	< 1.0 U	< 2.0 U	< 0.76 U	< 1.0 U	< 1 U	< 0.57 U	< 1.0 U
1,1-Dichloroethene	5	µg/L	< 1.0 U	< 1.0 U	< 0.29 U	< 1.0 U	< 1.0 U	< 1 U	< 0.59 U	< 1.0 U	< 2.0 U	< 0.58 U	< 1.0 U	< 1 U	< 0.59 U	< 1.0 U
1,1-Dichloropropene	5	µg/L	NA	< 1.0 U	< 0.72 U	NA	NA	NA	NA	NA	< 2.0 U	< 1.4 U	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	NA	< 1.0 U	< 0.41 U	NA	NA	< 5 U	< 0.5 U	NA	< 2.0 U	< 0.82 U	NA	< 5 U	< 0.5 U	NA
1,2,3-Trichloropropane	0.04	µg/L	NA	< 1.0 U	< 0.89 U	NA	NA	NA	NA	NA	< 2.0 U	< 1.8 U	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1.0 U	< 1.0 U	< 0.41 U	< 1.0 U	< 1.0 U	< 1 U	< 0.5 U	< 1.0 U	< 2.0 U	< 0.82 U	< 1.0 U	< 1 U	< 0.5 U	< 1.0 U
1,2,4-Trimethylbenzene	NSL	µg/L	NA	2.7	< 0.75 U	< 1.0 U	< 1.0 U	NA	NA	NA	240	51	230	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1.0 U	< 1.0 U	< 0.39 U	< 1.0 U	< 1.0 U	< 5 U	< 0.53 U	< 1.0 U	< 2.0 U	< 0.78 U	< 1.0 U	< 5 U	< 0.53 U	< 1.0 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1.0 U	< 1.0 U	< 0.73 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.48 U	< 1.0 U	< 2.0 U	< 1.5 U	< 1.0 U	< 0.5 U	< 0.48 U	< 1.0 U
1,2-Dichlorobenzene	3	µg/L	< 1.0 U	1.8	< 0.79 U	< 1.0 U	< 1.0 U	< 1 U	< 0.53 U	24	19	3.9	15	1.7	6.4	< 1.0 U
1,2-Dichloroethane	0.6	µg/L	< 1.0 U	< 1.0 U	< 0.21 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U	< 1.0 U	< 2.0 U	< 0.42 U	< 1.0 U	< 1 U	< 0.6 U	< 1.0 U
1,2-Dichloropropane	1	µg/L	< 1.0 U	< 1.0 U	< 0.72 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U	< 1.0 U	< 2.0 U	< 1.4 U	< 1.0 U	< 1 U	< 0.51 U	< 1.0 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L</														

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-8S 1/10/2012 MW-8S	MW-8S 10/15/2015 MW-8S 20151015	MW-8S 3/17/2017 MW-8S 031717	MW-8S 5/16/2019 MW-8S 051619-20190516	MW-8S 5/16/2019 DUP 051619-20190516 MW-8S 051619-20190516	MW-8S 5/23/2023 518014-MW-8S	MW-8S 8/8/2024 518014-MW-8S	VEW-1 1/10/2012 VEW-1	VEW-1 10/13/2015 VEW-1	VEW-1 3/16/2017 VEW-1 031617	VEW-1 5/14/2019 VEW-1 051419-20190514	VEW-1 5/23/2023 518014-VEW-1	VEW-1 8/8/2024 518014-VEW-1	VEW-2 1/10/2012 VEW-2
Analyte	NYSDEC AWQS ¹	Unit														
Bromomethane	5	µg/L	< 1.0 U	< 1.0 U	< 0.69 U	< 1.0 U	< 1.0 U	< 2 U	< 1.6 U	< 1.0 U	< 2.0 U	< 1.4 U	< 1.0 U	< 2 U	< 1.6 U	< 1.0 U
Carbon Disulfide	60	µg/L	< 1.0 U	< 1.0 U	< 0.19 U	< 1.0 U	< 1.0 U	< 5 U	< 1.8 U	< 1.0 U	< 2.0 U	< 0.38 U	0.25 J	< 5 U	< 1.8 U	< 1.0 U
Carbon Tetrachloride	5	µg/L	< 1.0 U	< 1.0 U	< 0.27 U	< 1.0 U	< 1.0 U	< 5 U	< 0.55 U	< 1.0 U	< 2.0 U	< 0.54 U	< 1.0 U	< 5 U	< 0.55 U	< 1.0 U
Chlorobenzene	5	µg/L	< 1.0 U	< 1.0 U	< 0.75 U	< 1.0 U	< 1.0 U	< 1 U	< 0.56 U	< 1.0 U	< 2.0 U	< 1.5 U	< 1.0 U	< 1 U	< 0.56 U	< 1.0 U
Chloroethane	5	µg/L	< 1.0 U	< 1.0 U	< 0.32 U	< 1.0 U	< 1.0 U	< 2 U	< 0.73 U	< 1.0 U	< 2.0 U	< 0.64 U	< 1.0 U	< 2 U	< 0.73 U	< 1.0 U
Chloroform	7	µg/L	< 1.0 U	< 1.0 U	< 0.34 U	< 1.0 U	< 1.0 U	< 2 U	< 0.5 U	< 1.0 U	< 2.0 U	< 0.68 U	< 1.0 U	< 2 U	< 0.5 U	< 1.0 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 1.0 U	< 1.0 U	< 0.35 U	< 1.0 U	< 1.0 U	< 2 U	< 0.76 U	< 1.0 U	< 2.0 U	< 0.70 U	< 1.0 U	< 2 U	< 0.76 U	< 1.0 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1.0 U	< 1.0 U	< 0.81 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U	22	19	< 1.6 U	7.7	< 1 U	1.4	< 1.0 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 1.0 U	< 0.36 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.47 U	< 1.0 U	< 2.0 U	< 0.72 U	< 1.0 U	< 0.5 U	< 0.47 U	< 1.0 U
Cyclohexane	NSL	µg/L	< 1.0 U	< 1.0 U	< 0.18 U	< 1.0 U	< 1.0 U	< 5 U	< 0.78 U	0.47 J	< 2.0 U	< 0.36 U	< 1.0 U	< 5 U	< 0.78 U	< 1.0 U
Cymene	NSL	µg/L	NA	0.80 J	< 0.31 U	< 1.0 U	< 1.0 U	NA	NA	NA	45	10	40	NA	NA	NA
Dibromochloromethane	50	µg/L	< 1.0 U	< 1.0 U	< 0.32 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.56 U	< 1.0 U	< 2.0 U	< 0.64 U	< 1.0 U	< 0.5 U	< 0.56 U	< 1.0 U
Dibromomethane	5	µg/L	NA	< 1.0 U	< 0.41 U	NA	NA	NA	NA	NA	< 2.0 U	< 0.82 U	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	< 1.0 U	< 1.0 U	< 0.68 U	< 1.0 U	< 1.0 U	< 2 U	< 0.56 U	< 1.0 U	< 2.0 U	< 1.4 U	< 1.0 U	< 2 U	< 0.56 U	< 1.0 U
Ethylbenzene	5	µg/L	< 1.0 U	1.1	< 0.74 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U	25	28	3.6	15	2.1	6.9	< 1.0 U
Hexachlorobutadiene	0.5	µg/L	NA	< 1.0 U	< 0.28 U	NA	NA	NA	NA	NA	< 2.0 U	< 0.56 U	NA	NA	NA	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	NA	< 1.0 U	< 0.30 U	NA	NA	NA	NA	NA	< 2.0 U	< 0.60 U	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 1.0 U	< 1.0 U	< 0.79 U	< 1.0 U	< 1.0 U	< 1 U	< 0.65 U	13	12	2.1	11	0.75 J	2.8	< 1.0 U
Methyl Acetate	NSL	µg/L	< 1.0 U	< 2.5 U	< 1.3 U	< 5.0 U	< 5.0 U	< 1 U	< 0.8 U	< 1.0 U	< 5.0 U	< 2.6 U	< 5.0 U	< 1 U	< 0.8 U	< 1.0 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.0 U	< 1.0 U	< 1.3 U	< 5.0 U	< 5.0 U	< 2 U	< 2.7 U	15 J	< 2.6 U	< 2.6 U	< 5.0 U	< 2.0 U	< 2.7 U	< 1.0 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5.0 U	< 5.0 U	< 2.1 U	< 5.0 U	< 5.0 U	< 10 U	< 4.9 U	< 5.0 U	< 10 U	< 4.2 U	< 5.0 U	< 10 U	< 4.9 U	< 5.0 U
Methylcyclohexane	NSL	µg/L	< 1.0 U	< 1.0 U	< 0.16 U	< 1.0 U	< 1.0 U	< 1 U	< 0.6 U	3.4	1.8 J	0.51 J	2.6	0.25 J	< 0.6 U	< 1.0 U
Methylene Chloride	5	µg/L	< 1.0 U	< 1.0 U	< 0.44 U	< 1.0 U	< 1.0 U	< 5 U	< 1 U	< 1.0 U	< 2.0 U	< 0.88 U	< 1.0 U	< 5 U	< 1 U	< 1.0 U
M-P-Xylene	NSL	µg/L	< 2.0 U	0.80 J	< 0.66 U	< 1.0 U	< 1.0 U	NA	< 0.78 U	47	58	7.7	33	NA	15.8	< 2.0 U
Naphthalene	10	µg/L	NA	< 1.0 U	< 0.43 U	< 1.0 U	< 1.0 U	NA	NA	NA	110	17	77	NA	NA	NA
N-Butylbenzene	5	µg/L	NA	< 1.0 U	< 0.64 U	< 1.0 U	< 1.0 U	NA	NA	NA	62	14	21	NA	NA	NA
N-Propylbenzene	NSL	µg/L	NA	< 1.0 U	< 0.69 U	< 1.0 U	< 1.0 U	NA	NA	NA	18	3.5	19	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1.0 U	3	< 0.76 U	< 1.0 U	< 1.0 U	NA	< 0.59 U	180	200	33	140	NA	58.5	< 1.0 U
Sec-Butylbenzene	5	µg/L	NA	0.92 J	< 0.75 U	< 1.0 U	< 1.0 U	NA	NA	NA	19	4.5	19	NA	NA	NA
Styrene	5	µg/L	< 1.0 U	< 1.0 U	< 0.73 U	< 1.0 U	< 1.0 U	< 1 U	< 0.49 U	< 1.0 U	< 2.0 U	< 1.5 U	< 1.0 U	< 1 U	< 0.49 U	< 1.0 U
T-Butylbenzene	5	µg/L	NA	< 1.0 U	< 0.81 U	< 1.0 U	< 1.0 U	NA	NA	NA	4.6	< 1.6 U	4.7	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 1.0 U	< 1.0 U	< 0.16 U	< 1.0 U	< 1.0 U	< 1 U	< 0.51 U	< 1.0 U	< 2.0 U	< 0.32 U	< 1.0 U	< 1 U	< 0.51 U	< 1.0 U
Tetrachloroethylene (PCE)	5	µg/L	< 1.0 U	< 1.0 U	< 0.36 U	< 1.0 U	< 1.0 U	< 1 U	< 0.56 U	0.99 J	< 2.0 U	< 0.72 U	1.1	0.44 J	0.79 J	< 1.0 U
Toluene	5	µg/L	< 1.0 U	< 1.0 U	< 0.51 U	< 1.0 U	< 1.0 U	< 1 U	< 0.49 U	1.6	2	< 1.0 U	1.2	0.35 J	< 0.49 U	< 1.0 U
Trans-1,2-Dichloroethene	5	µg/L	< 1.0 U	< 1.0 U	< 0.90 U	< 1.0 U	< 1.0 U	< 1 U	< 0.54 U	< 1.0 U	< 2.0 U	< 1.8 U	< 1.0 U	< 1 U	< 0.54 U	< 1.0 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1.0 U	< 1.0 U	< 0.37 U	< 1.0 U	< 1.0 U	< 0.5 U	< 0.43 U	< 1.0 U	< 2.0 U	< 0.74 U	< 1.0 U	< 0.5 U	< 0.43 U	< 1.0 U
Trichloroethylene (TCE)	5	µg/L	< 1.0 U	< 1.0 U	< 0.46 U	< 1.0 U	< 1.0 U	< 1 U	< 0.53 U	1.6	< 2.0 U	2.1	2.4	1.8	1.4	0.88 J
Trichlorofluoromethane	5	µg/L	< 1.0 U	< 1.0 U	< 0.88 U	< 1.0 U	< 1.0 U	< 2 U	< 0.4 U	< 1.0 U	< 2.0 U	< 1.8 U	< 1.0 U	< 2 U	< 0.4 U	< 1.0 U
Vinyl Acetate	NSL	µg/L	NA	< 5.0 U	< 0.85 U	NA	NA	NA	NA	NA	< 10 U	< 1.7 U	NA	NA	NA	NA
Vinyl Chloride	2	µg/L	< 1.0 U	< 1.0 U	< 0.90 U	< 1.0 U	< 1.0 U	< 2 U	< 0.52 U	< 1.0 U	< 2.0 U	< 1.8 U	< 1.0 U	< 2 U	< 0.52 U	< 1.0 U
Xylenes	5	µg/L	< 2.0 U	3.8	< 0.66 U	< 2.0 U	< 2.0 U	< 1 U	< 0.59 U	230	260	41	170	24	74.3	< 2.0 U
Pesticides (SW8081)																
Alachlor	NSL	µg/L	NA	NA	NA	NA	NA	< 0.19 U	NA	NA	NA	NA	NA	< 0.18 U	NA	NA
Aldrin	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.0081 U	< 0.020 U	< 0.020 U	< 0.048 U	< 0.0041 U	< 2.4 U	< 1.0 U	< 0.041 U	< 0.020 U	< 0.045 U	< 0.0041 U	< 0.24 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.0077 U	< 0.020 U	< 0.020 U	< 0.048 U	< 0.0042 U	< 2.4 U	0.29 J	< 0.039 U	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.24 U
Alpha Endosulfan	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.011 U	< 0.020 U	< 0.020 U	< 0.048 U	< 0.0042 U	< 2.4 U	< 1.0 U	< 0.055 U	< 0.020 U	< 0.045 U	< 0.0042 U	< 0.24 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.025 U	< 0.020 U	< 0.020 U	< 0.048 U	< 0.0064 U	< 2.4 U	< 1.0 U	< 0.12 U	< 0.020 U	< 0.045 U	0.02	< 0.24 U
Beta Endosulfan	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.012 U	< 0.020 U	< 0.020 U	< 0.076 U	< 0.0039 U	< 2.4 U	< 1.0 U	< 0.060 U	< 0.020 U	< 0.072 U	< 0.0039 U	< 0.24 U
Chlordane	0.05	µg/L	NA	NA	NA	NA	NA	< 0.19 U	NA	NA	NA	NA	NA	< 0.18 U	NA	NA
Chlordane (Technical)	NSL	µg/L	< 0.24 U	NA	NA	NA	NA	NA	NA	< 2.4 U	NA	NA	NA	NA	NA	< 0.24 U
cis-Chlordane	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.015 U	< 0.020 U	< 0.020 U	NA	< 0.0039 U	< 2.4 U	< 1.0 U	< 0.074 U	< 0.020 U	NA	< 0.0039 U	< 0.24 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.010 U	< 0.020 U	< 0.020 U	< 0.048 U	< 0.0053 U	< 2.4 U	0.33 J	< 0.050 U	< 0.020 U	< 0.045 U	< 0.0053 U	< 0.24 U
Dieldrin	0.004	µg/L	< 0.24 U	< 0.056 U	< 0.0098 U	< 0.020 U	< 0.020 U	< 0.0019 U	< 0.0061 U	< 2.4 U	< 1.0 U	< 0.049 U	< 0.020 U	< 0.0018 U	< 0.0061 U	< 0.24 U
Endosulfan Sulfate	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.016 U	< 0.020 U	< 0.020 U	< 0.076 U	< 0.0044 U	< 2.4 U	< 1.0 U	< 0.079 U	< 0.020 U	< 0.072 U	< 0.0044 U	< 0.24 U
Endrin	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.014 U	< 0.020 U	< 0.020 U	< 0.076 U	< 0.0048 U	< 2.4 U	< 1.0 U	< 0.069 U	< 0.020 U	< 0.072 U	0.0085	< 0.24 U
Endrin Aldehyde	5	µg/L	< 0.24 U	< 0.056 U	< 0.016 U	< 0.020 U	< 0.020 U	< 0.076 U	< 0.0054 U	< 2.4 U	< 1.0 U	< 0.082 U	< 0.020 U	< 0.072 U	< 0.0054 U	< 0.24 U
Endrin Ketone	5	µg/L	< 0.24 U	< 0.056 U	< 0.012 U	< 0.020 U	< 0.020 U	< 0.076 U	< 0.005 U	< 2.4 U	< 1.0 U	< 0.060 U	< 0.020 U	< 0.072 U	< 0.005 U	< 0.24 U
Gamma Bhc (Lindane)	NSL	µg/L	< 0.24 U	< 0.056 U	< 0.0080 U	< 0.020 U	< 0.020 U	< 0.029 U	< 0.0048 U	< 2.4 U	< 1.0 U	< 0.040 U	< 0.020 U	< 0.027 U	0.01	< 0.24 U
Heptachlor	0.04	µg/L	< 0.24 U	< 0.056 U	< 0.0085 U	< 0.020 U	< 0.020 U	< 0.048 U	< 0.0036 U	< 2.4 U	< 1.0 U	< 0.043 U	< 0.020 U	< 0.045 U	< 0.0036 U	< 0.24 U
Heptachlor Epoxide	0.03	µg/L	< 0.24 U	< 0.056 U	< 0.0074 U	< 0.020 U	< 0.020 U	< 0.048 U	< 0.0048 U	< 2.4 U	< 1.0 U	< 0.037 U	< 0.020 U	< 0.045 U	0.01	< 0.24 U
Hexachlorobenzene	0.04	µg/L	NA	NA	NA	NA	NA	< 0.048 U	NA	NA	NA	NA	NA	< 0.045 U	NA	NA
Methoxychlor	35	µg/L	< 0.24 U	< 0.056 U	< 0.014 U	< 0.020 U	< 0.020 U	< 0.48 U	< 0.0054 U	< 2.4 U	< 1.0 U	< 0.071 U	< 0.020 U	< 0.45 U	< 0.0054 U	< 0.24 U
P,P'-DDD	0.3	µg/L	< 0.24 U	< 0.056 U	< 0.0092 U	< 0.020 U	< 0.020 U	< 0.038 U	< 0.0046 U	< 2.4 U	< 1.0 U	<				

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			MW-8S 1/10/2012 MW-8S	MW-8S 10/15/2015 MW-8S-20151015	MW-8S 3/17/2017 MW-8S 031717	MW-8S 5/16/2019 MW-8S 051619-20190516	MW-8S 5/16/2019 DUP 051619-20190516 MW-8S 051619-20190516	MW-8S 5/23/2023 518014-MW-8S	MW-8S 8/8/2024 518014-MW-8S	VEW-1 1/10/2012 VEW-1	VEW-1 10/13/2015 VEW-1	VEW-1 3/16/2017 VEW-1 031617	VEW-1 5/14/2019 VEW-1 051419-20190514	VEW-1 5/23/2023 518014-VEW-1	VEW-1 8/8/2024 518014-VEW-1	VEW-2 1/10/2012 VEW-2
Analyte	NYSDEC AWQS ¹	Unit														
SVOCs (SW8270)																
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	NA	< 9.1 U	< 0.48 U	NA	NA	NA	NA	< 9.2 U	< 0.48 U	NA
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	< 0.20 U	< 0.40 U	< 0.40 U	< 0.19 U	< 0.2 U	NA	NA	< 0.20 U	NA	0.35	< 0.2 U	NA
2,4,5-Trichlorophenol	NSL	µg/L	< 4.7 U	< 520 U	< 0.48 U	< 10 U	< 10 U	< 9.1 U	< 0.64 U	< 4.7 U	< 49 U	< 0.48 U	< 10 U	< 9.2 U	< 0.64 U	< 4.7 U
2,4,6-Trichlorophenol	NSL	µg/L	< 4.7 U	< 520 U	< 0.61 U	< 10 U	< 10 U	< 9.1 U	< 0.49 U	< 4.7 U	< 49 U	< 0.61 U	< 10 U	< 9.2 U	< 0.49 U	< 4.7 U
2,4-Dichlorophenol	5	µg/L	< 4.7 U	< 520 U	< 0.51 U	< 10 U	< 10 U	< 9.1 U	< 0.59 U	< 4.7 U	< 49 U	< 0.51 U	< 10 U	< 9.2 U	< 0.59 U	< 4.7 U
2,4-Dimethylphenol	50	µg/L	< 4.7 U	< 520 U	< 0.50 U	< 10 U	< 10 U	< 9.1 U	< 0.52 U	< 4.7 U	9.3 J	< 0.50 U	< 10 U	< 9.2 U	< 0.52 U	< 4.7 U
2,4-Dinitrophenol	10	µg/L	< 9.4 U	< 1000 U	< 2.2 U	< 20 U	< 20 U	< 9.1 UJ	< 0.67 U	< 9.4 U	< 98 U	< 2.2 U	< 20 U	< 18 UJ	< 0.67 U	< 9.4 U
2,4-Dinitrotoluene	5	µg/L	< 4.7 U	< 520 U	< 0.45 U	< 2.0 U	< 2.0 U	< 9.1 U	< 1.9 U	< 4.7 U	< 49 U	< 0.45 U	< 2.0 U	< 9.2 U	< 1.9 U	< 4.7 U
2,6-Dinitrotoluene	5	µg/L	< 4.7 U	< 520 U	< 0.40 U	< 2.0 U	< 2.0 U	< 9.1 U	< 0.55 U	< 4.7 U	< 49 U	< 0.40 U	< 2.0 U	< 9.2 U	< 0.55 U	< 4.7 U
2-Chloronaphthalene	10	µg/L	< 4.7 U	< 520 U	< 0.46 U	< 10 U	< 10 U	< 9.1 U	< 0.56 U	< 4.7 U	< 49 U	< 0.46 U	< 10 U	< 9.2 U	< 0.56 U	< 4.7 U
2-Chlorophenol	1	µg/L	< 4.7 U	< 520 U	< 0.53 U	< 10 U	< 10 U	< 9.1 U	< 0.43 U	< 4.7 U	< 49 U	< 0.53 U	< 10 U	< 9.2 U	< 0.43 U	< 4.7 U
2-Methylnaphthalene	NSL	µg/L	< 4.7 U	< 520 U	< 0.60 U	< 10 U	< 10 U	< 4.5 U	< 0.37 U	15	< 49 U	< 0.60 U	< 10 U	< 4.6 U	< 0.37 U	< 4.7 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 4.7 U	< 520 U	< 0.40 U	< 10 U	< 10 U	< 9.1 U	< 0.64 U	< 4.7 U	< 49 U	< 0.40 U	< 10 U	< 9.2 U	< 0.64 U	< 4.7 U
2-Nitroaniline	5	µg/L	< 9.4 U	< 1000 U	< 0.42 U	< 10 U	< 10 U	< 9.1 U	< 0.47 U	< 9.4 U	< 98 U	< 0.42 U	< 10 U	< 9.2 U	< 0.47 U	< 9.4 U
2-Nitrophenol	NSL	µg/L	< 4.7 U	< 520 U	< 0.48 U	< 10 U	< 10 U	< 9.1 U	< 0.62 U	< 4.7 U	< 49 U	< 0.48 U	< 10 U	< 9.2 U	< 0.62 U	< 4.7 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	NA	< 9.1 U	< 0.4 U	NA	NA	NA	NA	< 9.2 U	< 0.4 U	NA
3,3'-Dichlorobenzidine	5	µg/L	< 4.7 U	< 520 U	< 0.40 U	< 10 U	< 10 U	< 9.1 U	< 1.1 U	< 4.7 U	< 49 U	< 0.40 U	< 10 U	< 9.2 U	< 1.1 U	< 4.7 U
3-Nitroaniline	5	µg/L	< 9.4 U	< 1000 U	< 0.48 U	< 10 U	< 10 U	< 9.1 U	< 0.64 U	< 9.4 U	< 98 U	< 0.48 U	< 10 U	< 9.2 UJ	< 0.64 U	< 9.4 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 9.4 U	< 1000 U	< 2.2 U	< 20 U	< 20 U	< 18 UJ	< 1.5 U	< 9.4 U	< 98 U	< 2.2 U	< 20 U	< 18 UJ	< 1.5 U	< 9.4 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 4.7 U	< 520 U	< 0.45 U	< 10 U	< 10 U	< 9.1 U	< 0.55 U	< 4.7 U	< 49 U	< 0.45 U	< 10 U	< 9.2 U	< 0.55 U	< 4.7 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 4.7 U	< 520 U	< 0.45 U	< 10 U	< 10 U	< 9.1 U	< 0.53 U	< 4.7 U	< 49 U	< 0.45 U	< 10 U	< 9.2 U	< 0.53 U	< 4.7 U
4-Chloroaniline	5	µg/L	< 4.7 U	< 520 U	< 0.59 U	< 10 U	< 10 U	< 9.1 U	< 0.53 U	< 4.7 U	< 49 U	< 0.59 U	< 10 U	< 9.2 U	< 0.53 U	< 4.7 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 4.7 U	< 520 U	< 0.35 U	< 10 U	< 10 U	< 9.1 U	< 0.6 U	< 4.7 U	< 49 U	< 0.35 U	< 10 U	< 9.2 U	< 0.6 U	< 4.7 U
4-Methylphenol (P-Cresol)	NSL	µg/L	< 9.4 U	< 1000 U	< 0.36 U	< 10 U	< 10 U	NA	< 1.5 U	95	12 J	0.45 J	< 10 U	NA	< 1.5 U	< 9.4 U
4-Nitroaniline	5	µg/L	< 9.4 U	< 1000 U	< 0.25 U	< 10 U	< 10 U	< 9.1 U	< 0.75 U	< 9.4 U	< 98 U	< 0.25 U	< 10 U	< 9.2 UJ	< 0.75 U	< 9.4 U
4-Nitrophenol	NSL	µg/L	< 9.4 U	< 1000 U	< 1.5 U	< 20 U	< 20 U	< 9.1 U	< 0.45 U	< 9.4 U	< 98 U	< 1.5 U	< 20 U	< 18 U	< 0.45 U	< 9.4 U
Acenaphthene	20	µg/L	< 4.7 U	< 520 U	< 0.41 U	< 10 U	< 10 U	< 4.5 U	< 0.61 U	< 4.7 U	< 49 U	< 0.41 U	< 10 U	< 4.6 U	< 0.61 U	< 4.7 U
Acenaphthylene	NSL	µg/L	< 4.7 U	< 520 U	< 0.38 U	< 10 U	< 10 U	< 4.5 U	< 0.42 U	< 4.7 U	< 49 U	< 0.38 U	< 10 U	< 4.6 U	< 0.42 U	< 4.7 U
Acetophenone	NSL	µg/L	< 4.7 U	< 520 U	< 0.54 U	< 10 U	< 10 U	< 9.1 U	< 0.52 U	180	< 49 U	< 0.54 U	< 10 U	< 9.2 U	< 0.52 U	< 4.7 U
Anthracene	50	µg/L	< 4.7 U	< 520 U	< 0.28 U	< 10 U	< 10 U	< 4.5 U	< 0.56 U	< 4.7 U	< 49 U	< 0.28 U	< 10 U	< 4.6 U	< 0.56 U	< 4.7 U
Atrazine	NSL	µg/L	< 4.7 U	< 520 U	< 0.46 U	< 2.0 U	< 2.0 U	< 18 U	< 0.72 U	< 4.7 U	< 49 U	< 0.46 U	< 2.0 U	< 18 U	< 0.72 U	< 4.7 U
Benzaldehyde	NSL	µg/L	< 4.7 U	< 520 U	< 0.27 U	< 10 U	< 10 U	< 9.1 UJ	< 0.44 U	< 4.7 U	< 49 U	< 0.27 U	< 10 U	< 9.2 UJ	< 0.44 U	< 4.7 UJ
Benzo(A)Anthracene	0.002	µg/L	< 4.7 U	< 520 U	< 0.36 U	< 1.0 U	< 1.0 U	< 4.5 U	< 0.51 U	< 4.7 U	< 49 U	< 0.36 U	< 1.0 U	< 4.6 U	< 0.51 U	< 4.7 U
Benzo(A)Pyrene	NSL	µg/L	< 4.7 U	< 520 U	< 0.47 U	< 1.0 U	< 1.0 U	< 4.5 U	< 0.63 U	< 4.7 U	< 49 U	< 0.47 U	< 1.0 U	< 4.6 U	< 0.63 U	< 4.7 U
Benzo(B)Fluoranthene	0.002	µg/L	< 4.7 U	< 520 U	< 0.34 U	< 2.0 U	< 2.0 U	< 4.5 U	< 0.57 U	< 4.7 U	< 49 U	< 0.34 U	< 2.0 U	< 4.6 U	< 0.57 U	< 4.7 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 4.7 U	< 520 U	< 0.35 U	< 10 U	< 10 U	< 4.5 U	< 0.64 U	< 4.7 U	< 49 U	< 0.35 U	< 10 U	< 4.6 U	< 0.64 U	< 4.7 U
Benzo(K)Fluoranthene	0.002	µg/L	< 4.7 U	< 520 U	< 0.73 U	< 1.0 U	< 1.0 U	< 4.5 U	< 0.48 U	< 4.7 U	< 49 U	< 0.73 U	< 1.0 U	< 4.6 U	< 0.48 U	< 4.7 U
Benzyl Butyl Phthalate	50	µg/L	< 4.7 U	< 520 U	< 1.0 U	< 10 U	< 10 U	< 9.1 UJ	< 0.86 U	< 4.7 U	< 49 U	< 1.0 U	< 10 U	< 9.2 UJ	< 0.86 U	< 4.7 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 4.7 U	< 520 U	< 0.65 U	< 10 U	< 10 U	< 18 U	< 0.59 U	< 4.7 U	< 49 U	< 0.65 U	< 10 U	< 18 U	< 0.59 U	< 4.7 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 4.7 U	< 520 U	< 0.35 U	< 10 U	< 10 U	< 9.1 U	< 0.46 U	< 4.7 U	< 49 U	< 0.35 U	< 10 U	< 9.2 U	< 0.46 U	< 4.7 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 4.7 U	< 520 U	< 0.40 U	< 1.0 U	< 1.0 U	< 9.1 U	< 0.43 U	< 4.7 U	< 49 U	< 0.40 U	< 1.0 U	< 9.2 U	< 0.43 U	< 4.7 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 4.7 U	< 520 U	< 0.52 U	< 10 U	< 10 U	< 9.1 U	< 0.5 U	< 4.7 U	< 49 U	< 0.52 U	< 10 U	< 9.2 U	< 0.5 U	< 4.7 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 4.7 U	< 520 U	< 2.2 U	< 2.0 U	< 2.0 U	< 9.1 UJ	< 1.3 U	< 4.7 U	< 49 U	< 2.2 U	< 2.0 U	< 9.2 UJ	< 1.3 U	< 4.7 U
Caprolactam	NSL	µg/L	< 4.7 U	< 520 U	< 2.2 U	< 10 U	< 10 U	< 9.1 UJ	< 0.35 U	< 4.7 U	< 49 U	< 2.2 U	< 10 U	< 9.2 UJ	< 0.35 U	< 4.7 U
Carbazole	NSL	µg/L	< 4.7 U	< 520 U	< 0.30 U	< 10 U	< 10 U	< 9.1 U	< 0.58 U	< 4.7 U	< 49 U	< 0.30 U	< 10 U	< 9.2 U	< 0.58 U	< 4.7 U
Chrysene	0.002	µg/L	< 4.7 U	< 520 U	< 0.33 U	< 2.0 U	< 2.0 U	< 4.5 U	< 0.52 U	< 4.7 U	< 49 U	< 0.33 U	< 2.0 U	< 4.6 U	< 0.52 U	< 4.7 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 4.7 U	< 520 U	< 0.42 U	< 1.0 U	< 1.0 U	< 4.5 U	< 0.5 U	< 4.7 U	< 49 U	< 0.42 U	< 1.0 U	< 4.6 U	< 0.5 U	< 4.7 U
Dibenzofuran	NSL	µg/L	< 9.4 U	< 1000 U	< 0.51 U	< 10 U	< 10 U	< 4.5 U	< 0.73 U	< 9.4 U	< 98 U	< 0.51 U	< 10 U	< 4.6 U	< 0.73 U	< 9.4 U
Diethyl Phthalate	50	µg/L	< 4.7 U	< 520 U	<											

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name Parent Sample ID			VIEW-2 10/13/2015 VIEW-2	VIEW-2 3/16/2017 VIEW-2 031617	VIEW-2 3/16/2017 DUP-01 031617 VIEW-2 031617	VIEW-2 5/14/2019 VIEW-2 051419-20190514	VIEW-2 5/23/2023 518014-VEW-2	VIEW-2 8/8/2024 518014-VEW-2	VIEW-3 1/10/2012 VIEW-3	VIEW-3 3/16/2017 VIEW-3 031617	VIEW-3 5/14/2019 VIEW-3 051419-20190514	VIEW-3 5/23/2023 518014-VEW-3	VIEW-3 8/8/2024 518014-VEW-3	VIEW-4 1/10/2012 VIEW-4	VIEW-4 3/16/2017 VIEW-4 031617	VIEW-4 5/14/2019 VIEW-4 051419-20190514	VIEW-4 5/23/2023 518014-VEW-4	VIEW-4 8/8/2024 518014-VEW-4
Analyte	NYSDEC AWQS ¹	Unit																
PFAS (E537/E1633)																		
11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11CI-PF3OUdS)	NSL	ng/L	NA	NA	NA	NA	< 3.6 U	< 1.7 U	NA	NA	NA	< 3.7 U	< 2.0 U	NA	NA	NA	< 3.7 U	< 2.0 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	< 85 U	< 3.6 U	< 1.4 U	NA	NA	< 86 U	< 3.7 U	< 1.6 U	NA	NA	< 82 U	< 3.7 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 2.1 U	NA	NA	NA	< 3.7 U	< 2.5 U	NA	NA	NA	< 3.7 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	< 85 U	< 3.6 U	< 0.85 U	NA	NA	< 86 U	< 3.7 U	< 1.0 U	NA	NA	< 82 U	< 3.7 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	< 45 U	< 6.6 U	NA	NA	NA	< 46 U	< 7.8 U	NA	NA	NA	< 46 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	< 45 U	< 5.8 U	NA	NA	NA	< 46 U	< 6.8 U	NA	NA	NA	< 46 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	NA	NA	NA	< 9.1 U	< 2.3 U	NA	NA	NA	< 9.2 U	< 2.6 U	NA	NA	NA	< 9.2 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 1.1 U	NA	NA	NA	< 3.7 U	< 1.3 U	NA	NA	NA	< 3.7 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9CI-PF3ONS)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 2.3 U	NA	NA	NA	< 3.7 U	< 2.7 U	NA	NA	NA	< 3.7 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	NA	NA	NA	< 3.6 U	< 1.7 U	NA	NA	NA	< 3.7 U	< 2.0 U	NA	NA	NA	< 3.7 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 0.49 U	NA	NA	NA	< 0.92 U	< 0.58 U	NA	NA	NA	< 0.92 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	NA	NA	NA	23 J	NA	< 0.91 U	< 0.85 U	NA	NA	< 86 U	5.5	20	NA	NA	< 82 U	29 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	< 9.1 U	< 3.5 U	NA	NA	NA	< 9.2 U	< 4.1 U	NA	NA	NA	< 9.2 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	NA	NA	NA	< 0.91 U	< 0.60 U	NA	NA	NA	< 0.92 U	< 0.70 U	NA	NA	NA	< 0.92 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	< 85 U	NA	< 0.91 U	< 0.47 U	NA	NA	< 86 UJ	< 0.92 U	< 0.56 U	NA	NA	< 82 UJ	< 0.92 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	NA	NA	NA	< 9.1 U	< 2.6 U	NA	NA	NA	< 9.2 U	< 3.0 U	NA	NA	NA	< 9.2 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 1.2 U	NA	NA	NA	< 1.8 U	< 1.4 U	NA	NA	NA	< 1.8 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 0.25 U	NA	NA	NA	< 1.8 U	< 0.30 U	NA	NA	NA	< 1.8 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 0.28 U	NA	NA	NA	< 1.8 U	< 0.33 U	NA	NA	NA	< 1.8 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	NA	NA	NA	< 1.8 U	< 0.52 U	NA	NA	NA	< 1.8 U	< 0.61 U	NA	NA	NA	< 1.8 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	1.6 J	1.7 J	< 8.5 U	0.67 J	1.4 J	NA	2	< 8.6 UJ	6.2	2.1 J	NA	1.1 J	< 8.2 UJ	2	< 0.75 U
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	< 8.5 UJ	< 3.6 U	< 0.87 U	NA	NA	< 8.6 U	8	< 1.0 U	NA	NA	< 8.2 UJ	61 R	130
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	< 8.5 U	< 0.91 U	< 1.0 U	NA	NA	< 8.6 U	< 0.92 U	< 1.2 U	NA	NA	< 8.2 U	< 0.92 U	< 1.2 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	< 8.5 U	< 0.91 U	< 0.58 U	NA	NA	< 8.6 U	0.20 J	< 0.68 U	NA	NA	< 8.2 U	0.60 J	< 0.70 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	NA	NA	< 0.91 U	< 0.37 U	NA	NA	NA	< 0.92 U	< 0.44 U	NA	NA	NA	< 0.92 U	< 0.45 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	< 8.5 U	< 0.91 U	< 0.72 U	NA	NA	< 8.6 U	< 0.92 U	< 0.84 U	NA	NA	< 8.2 U	< 0.92 U	< 0.87 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	25	< 0.91 U	10	NA	NA	51	65	40	NA	NA	21	11	8.7
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	11	11	19	0.61 J	2.6	NA	11	14	19	9.5	NA	9.4	26 J	7.2	3.1
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	16	16	18	0.24 J	8.8	NA	21	42 J	70	50	NA	12	29 J	11	10
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	12	0.64 J	1.2 J	NA	NA	13 J	12	5.5	NA	NA	14 J	4.1	< 0.33 U
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	NA	NA	< 0.91 U	< 1.3 U	NA	NA	NA	< 0.92 U	< 1.6 U	NA	NA	NA	0.65 J	< 1.6 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	3.3	3.3	9.5	< 0.91 U	4.3	NA	4.3	5.7 J	3.8	4.5	NA	5.5	9.6	3.1	3.2
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	NA	68	< 0.91 U	2.9	NA	NA	< 8.6 U	< 0.92 U	7.7	NA	NA	< 8.2 UJ	2	2.6
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	1100	1100	2100	0.95	830	NA	960	1900 J	1400	2870	NA	1300	1800 J	950 J	600
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	81	80	71 J	3	40	NA	130	180 J	200	190	NA	75	110 J	75	60
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	NA	NA	< 0.91 U	< 0.94 U	NA	NA	NA	10	4.8	NA	NA	NA	1.9	2.2 J
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	13	0.74 J	< 0.68 U	NA	NA	3.6 J	< 1.8 U	< 0.80 U	NA	NA	22	< 1.8 U	< 0.83 U
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	NA	NA	NA	< 8.5 U	< 0.91 U	< 0.71 U	NA	NA	< 8.6 UJ	< 0.92 U	< 0.83 U	NA	NA	< 8.2 UJ	< 0.92 U	< 0.86 U
Perfluorotridecanoic Acid (PFTriA/PFTriDA)	NSL	ng/L	NA	NA	NA	< 8.5 U	< 0.91 U	< 0.74 U	NA	NA	< 8.6 U	< 0.92 U	< 0.86 U	NA	NA	< 8.2 U	< 0.92 U	< 0.90 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	< 8.5 U	< 0.91 U	< 0.51 U	NA	NA	< 8.6 U	< 0.92 U	< 0.60 U	NA	NA	< 8.2 U	< 0.92 U	< 0.62 U
VOCs (SW8260)																		
1,1,1,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 0.35 U	< 0.35 U	NA	NA	NA	NA	< 0.35 U	NA	NA	NA	NA	< 0.35 U	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1.0 U	< 0.82 U	< 0.82 U	< 1.0 U	< 1 U	< 0.54 U	< 1.0 U	< 0.82 U	< 1.0 U	< 1 U	< 0.54 U	< 1.0 U	< 0.82 U	< 1.0 U	< 1 U	< 0.54 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1.0 U	< 0.21 U	< 0.21 U	< 1.0 U	< 0.5 U	< 0.65 U	< 1.0 U	< 0.21 U	< 1.0 U	< 0.5 U	< 0.65 U	< 1.0 U	< 0.21 U	< 1.0 U	< 0.5 U	< 0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1.0 U	< 0.31 U	< 0.31 U	< 1.0 U	< 1 U	< 0.58 U	< 1.0 U	< 0.31 U	< 1.0 U	< 1 U	< 0.58 U	< 1.0 U	< 0.31 U	0.53 J	< 1 U	< 0.58 U
1,1,2-Trichloroethane	1	µg/L	< 1.0 U	< 0.23 U	< 0.23 U	< 1.0 U	< 1 U	< 0.53 U	< 1.0 U	< 0.23 U	< 1.0 U	< 1 U	< 0.53 U	< 1.0 U	< 0.23 U	< 1.0 U	< 1 U	< 0.53 U
1,1-Dichloroethane	5	µg/L	< 1.0 U	< 0.38 U	< 0.38 U	< 1.0 U	< 1 U	< 0.57 U	< 1.0 U	< 0.38 U	< 1.0 U	< 1 U	< 0.57 U	< 1.0 U	< 0.38 U	< 1.0 U	< 1 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 1.0 U	< 0.29 U	< 0.29 U	< 1.0 U	< 1 U	< 0.59 U	< 1.0 U	< 0.29 U	< 1.0 U	< 1 U	< 0.59 U	< 1.0 U	< 0.29 U	< 1.0 U	< 1 U	< 0.59 U
1,1-Dichloropropene	5	µg/L	< 1.0 U	< 0.72 U	< 0.72 U	NA	NA	NA	NA	< 0.72 U	NA	NA	NA	NA	< 0.72 U	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	< 1.0 U	< 0.41 U	< 0.41 U	NA	< 5 U	< 0.5 U	NA	< 0.41 U	NA	< 5 U	< 0.5 U	NA	< 0.41 U	NA	< 5 U	< 0.5 U
1,2,3-Trichloropropane	0.04	µg/L	< 1.0 U	< 0.89 U	< 0.89 U	NA	NA	NA	NA	< 0.89 U	NA	NA	NA	NA	< 0.89 U	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1.0 U	< 0.41 U	< 0.41 U	< 1.0 U	< 1 U	< 0.5 U	< 1.0 U	< 0.41 U	< 1.0 U	< 1 U	< 0.5 U	< 1.0 U	< 0.41 U	< 1.0 U	< 1 U	< 0.5 U
1,2,4-2																		

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name			VEW-2 10/13/2015 VEW-2	VEW-2 3/16/2017 VEW-2 031617	VEW-2 3/16/2017 DUP-01 031617 VEW-2 031617	VEW-2 5/14/2019 VEW-2 051419-20190514	VEW-2 5/23/2023 518014-VEW-2	VEW-2 8/8/2024 518014-VEW-2	VEW-3 1/10/2012 VEW-3	VEW-3 3/16/2017 VEW-3 031617	VEW-3 5/14/2019 VEW-3 051419-20190514	VEW-3 5/23/2023 518014-VEW-3	VEW-3 8/8/2024 518014-VEW-3	VEW-4 1/10/2012 VEW-4	VEW-4 3/16/2017 VEW-4 031617	VEW-4 5/14/2019 VEW-4 051419-20190514	VEW-4 5/23/2023 518014-VEW-4	VEW-4 8/8/2024 518014-VEW-4
Parent Sample ID																		
Analyte	NYSDEC AWQS ¹	Unit																
Bromomethane	5	µg/L	<1.0 U	<0.69 U	<0.69 U	<1.0 U	<2 U	<1.6 U	<1.0 U	<0.69 U	<1.0 U	<2 U	<1.6 U	<1.0 U	<0.69 U	<1.0 U	<2 U	<1.6 U
Carbon Disulfide	60	µg/L	<1.0 U	<0.19 U	<0.19 U	<1.0 U	<5 U	<1.8 U	<1.0 U	<0.19 U	<1.0 U	<5 U	<1.8 U	<1.0 U	<0.19 U	0.26 J	<5 U	<1.8 U
Carbon Tetrachloride	5	µg/L	<1.0 U	<0.27 U	<0.27 U	<1.0 U	<5 U	<0.55 U	<1.0 U	<0.27 U	<1.0 U	<5 U	<0.55 U	<1.0 U	<0.27 U	<1.0 U	<5 U	<0.55 U
Chlorobenzene	5	µg/L	<1.0 U	<0.75 U	<0.75 U	<1.0 U	<1 U	<0.56 U	<1.0 U	<0.75 U	<1.0 U	<1 U	<0.56 U	<1.0 U	<0.75 U	<1.0 U	<1 U	<0.56 U
Chloroethane	5	µg/L	<1.0 U	<0.32 U	<0.32 U	<1.0 U	<2 U	<0.73 U	<1.0 U	<0.32 U	<1.0 U	<2 U	<0.73 U	<1.0 U	<0.32 U	<1.0 U	<2 U	<0.73 U
Chloroform	7	µg/L	<1.0 U	<0.34 U	<0.34 U	<1.0 U	<2 U	<0.5 U	<1.0 U	<0.34 U	<1.0 U	<2 U	<0.5 U	<1.0 U	<0.34 U	<1.0 U	<2 U	<0.5 U
Chloromethane (Methyl Chloride)	NSL	µg/L	<1.0 U	<0.35 U	<0.35 U	<1.0 U	<2 U	<0.76 U	<1.0 U	<0.35 U	<1.0 U	<2 U	<0.76 U	<1.0 U	<0.35 U	<1.0 U	<2 U	<0.76 U
Cis-1,2-Dichloroethylene	5	µg/L	9.9	<0.81 U	<0.81 U	1.6	0.28 J	0.77 J	<1.0 U	<0.81 U	0.35 J	<1 U	<0.51 U	2	<0.81 U	0.67 J	0.27 J	0.93 J
Cis-1,3-Dichloropropene	0.4	µg/L	<1.0 U	<0.36 U	<0.36 U	<1.0 U	<0.5 U	<0.47 U	<1.0 U	<0.36 U	<1.0 U	<0.5 U	<0.47 U	<1.0 U	<0.36 U	<1.0 U	<0.5 U	<0.47 U
Cyclohexane	NSL	µg/L	1.3	<0.18 U	<0.18 U	<1.0 U	<5 U	<0.78 U	<1.0 U	<0.18 U	<1.0 U	<5 U	1 J	<1.0 U	<0.18 U	<1.0 U	<5 U	<0.78 U
Cymene	NSL	µg/L	3.8	<0.31 U	<0.31 U	<1.0 U	NA	NA	NA	<0.31 U	1.3	NA	NA	NA	<0.31 U	2.8	NA	NA
Dibromochloromethane	50	µg/L	<1.0 U	<0.32 U	<0.32 U	<1.0 U	<0.5 U	<0.56 U	<1.0 U	<0.32 U	<1.0 U	<0.5 U	<0.56 U	<1.0 U	<0.32 U	<1.0 U	<0.5 U	<0.56 U
Dibromomethane	5	µg/L	<1.0 U	<0.41 U	<0.41 U	NA	NA	NA	NA	<0.41 U	NA	NA	NA	NA	<0.41 U	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	<1.0 U	<0.68 U	<0.68 U	<1.0 U	<2 U	<0.56 U	<1.0 U	<0.68 U	<1.0 U	<2 U	<0.56 U	<1.0 U	<0.68 U	<1.0 U	<2 U	<0.56 U
Ethylbenzene	5	µg/L	45	<0.74 U	<0.74 U	<1.0 U	<1 U	<0.6 U	6.6	<0.74 U	13	5.9	12.3	4.3	<0.74 U	2.2	2.7	4.9
Hexachlorobutadiene	0.5	µg/L	<1.0 U	<0.28 U	<0.28 U	NA	NA	NA	NA	<0.28 U	NA	NA	NA	NA	<0.28 U	NA	NA	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	<1.0 U	<0.30 U	<0.30 U	NA	NA	NA	NA	<0.30 U	NA	NA	NA	NA	<0.30 U	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	11	<0.79 U	<0.79 U	<1.0 U	<1 U	<0.65 U	0.87 J	<0.79 U	1.7	2	8.2	2	<0.79 U	0.51 J	1.2	2.3
Methyl Acetate	NSL	µg/L	<2.5 U	<1.3 U	<1.3 U	<5.0 U	<1 U	<0.8 U	<1.0 U	<1.3 U	<5.0 U	<1 U	<0.8 U	<1.0 U	<1.3 U	<5.0 U	<1 U	<0.8 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	<10 U	<1.3 U	<1.3 U	<5.0 U	<20 U	<2.7 U	3.2 J	<1.3 U	<5.0 U	3.3 J	<2.7 U	3.0 J	<1.3 U	<5.0 U	<20 U	<2.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	<5.0 U	<2.1 U	<2.1 U	<5.0 U	<10 U	<4.9 U	<5.0 U	<2.1 U	<5.0 U	<10 U	<4.9 U	<5.0 U	<2.1 U	<5.0 U	<10 U	<4.9 U
Methylcyclohexane	NSL	µg/L	0.83 J	<0.16 U	<0.16 U	<1.0 U	<1 U	<0.6 U	<1.0 U	<0.16 U	<1.0 U	0.26 J	2.3 J	0.81 J	<0.16 U	<1.0 U	<1 U	<0.6 U
Methylene Chloride	5	µg/L	<1.0 U	<0.44 U	<0.44 U	<1.0 U	<5 U	<1 U	<1.0 U	<0.44 U	<1.0 U	<5 U	<1 U	<1.0 U	<0.44 U	<1.0 U	<5 U	<1 U
M-P-Xylene	NSL	µg/L	150	<0.66 U	<0.66 U	<1.0 U	NA	<0.78 U	22	<0.66 U	43	NA	39.2	18	<0.66 U	8.1	NA	18.9
Naphthalene	10	µg/L	45	<0.43 U	<0.43 U	<1.0 U	NA	NA	NA	<0.43 U	13	NA	NA	NA	<0.43 U	8.3	NA	NA
N-Butylbenzene	5	µg/L	<1.0 U	<0.64 U	<0.64 U	<1.0 U	NA	NA	NA	<0.64 U	<1.0 U	NA	NA	NA	<0.64 U	<1.0 U	NA	NA
N-Propylbenzene	NSL	µg/L	15	<0.69 U	<0.69 U	<1.0 U	NA	NA	NA	<0.69 U	1.7	NA	NA	NA	<0.69 U	0.71 J	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	99	<0.76 U	<0.76 U	<1.0 U	NA	<0.59 U	16	<0.76 U	27	NA	26.4	36	<0.76 U	16	NA	33.1
Sec-Butylbenzene	5	µg/L	1.8	<0.75 U	<0.75 U	<1.0 U	NA	NA	NA	<0.75 U	0.88 J	NA	NA	NA	<0.75 U	1.1	NA	NA
Styrene	5	µg/L	<1.0 U	<0.73 U	<0.73 U	<1.0 U	<1 U	<0.49 U	<1.0 U	<0.73 U	<1.0 U	<1 U	<0.49 U	<1.0 U	<0.73 U	<1.0 U	<1 U	<0.49 U
T-Butylbenzene	5	µg/L	<1.0 U	<0.81 U	<0.81 U	<1.0 U	NA	NA	NA	<0.81 U	<1.0 U	NA	NA	NA	<0.81 U	<1.0 U	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	<1.0 U	<0.16 U	<0.16 U	<1.0 U	<1 U	<0.51 U	<1.0 U	<0.16 U	<1.0 U	<1 U	<0.51 U	<1.0 U	<0.16 U	<1.0 U	<1 U	<0.51 U
Tetrachloroethylene (PCE)	5	µg/L	<1.0 U	<0.36 U	<0.36 U	<1.0 U	0.34 J	<0.56 U	1.4	<0.36 U	0.58 J	0.42 J	0.71 J	0.45 J	<0.36 U	0.48 J	0.25 J	<0.56 U
Toluene	5	µg/L	17	<0.51 U	<0.51 U	<1.0 U	<1 U	<0.49 U	3.2	<0.51 U	2.4	1.8	3.2	1.6	<0.51 U	1.3	0.89 J	1.8
Trans-1,2-Dichloroethene	5	µg/L	<1.0 U	<0.90 U	<0.90 U	<1.0 U	<1 U	<0.54 U	<1.0 U	<0.90 U	<1.0 U	<1 U	<0.54 U	<1.0 U	<0.90 U	<1.0 U	<1 U	<0.54 U
Trans-1,3-Dichloropropene	0.4	µg/L	<1.0 U	<0.37 U	<0.37 U	<1.0 U	<0.5 U	<0.43 U	<1.0 U	<0.37 U	<1.0 U	<0.5 U	<0.43 U	<1.0 U	<0.37 U	<1.0 U	<0.5 U	<0.43 U
Trichloroethylene (TCE)	5	µg/L	0.47 J	1.1	0.90 J	1.5	0.70 J	1.3	<1.0 U	<0.46 U	<1.0 U	<1 U	<0.53 U	1.2	<1.0 U	2.1	0.75 J	0.8 J
Trichlorofluoromethane	5	µg/L	<1.0 U	<0.88 U	<0.88 U	<1.0 U	<2 U	<0.4 U	<1.0 U	<0.88 U	<1.0 U	<2 U	<0.4 U	<1.0 U	<0.88 U	<1.0 U	<2 U	<0.4 U
Vinyl Acetate	NSL	µg/L	<5.0 U	<0.85 U	<0.85 U	NA	NA	NA	NA	<0.85 U	NA	NA	NA	NA	<0.85 U	NA	NA	NA
Vinyl Chloride	2	µg/L	<1.0 U	<0.90 U	<0.90 U	<1.0 U	<2 U	<0.52 U	<1.0 U	<0.90 U	<1.0 U	<2 U	<0.52 U	<1.0 U	<0.90 U	<1.0 U	<2 U	<0.52 U
Xylenes	5	µg/L	250	<0.66 U	<0.66 U	<2.0 U	<1 U	<0.59 U	38	<0.66 U	71	31	65.6	54	<0.66 U	24	33	52
Pesticides (SW8081)																		
Alachlor	NSL	µg/L	NA	NA	NA	NA	<0.18 U	NA	NA	NA	NA	<0.19 U	NA	NA	NA	NA	<0.19 U	NA
Aldrin	NSL	µg/L	<0.12 U	<0.0081 U	<0.0081 U	<0.020 U	<0.045 U	<0.0041 U	<0.24 U	<0.0081 U	<0.020 U	<0.046 U	<0.0041 U	<2.4 U	<0.0081 U	<0.020 U	<0.048 U	<0.0041 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	0.029 J	<0.0077 U	<0.0077 U	<0.020 U	<0.045 U	<0.0042 U	<0.24 U	<0.0077 U	<0.020 U	<0.046 U	<0.0042 U	<2.4 U	<0.0077 U	<0.020 U	<0.048 U	<0.0042 U
Alpha Endosulfan	NSL	µg/L	<0.12 U	<0.011 U	<0.011 U	<0.020 U	<0.045 U	<0.0042 U	<0.24 U	<0.011 U	<0.020 U	<0.046 U	<0.0042 U	<2.4 U	<0.011 U	<0.020 U	<0.048 U	<0.0042 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	<0.12 U	<0.025 U	<0.025 U	<0.020 U	<0.045 U	<0.0064 U	<0.24 U	<0.025 U	<0.020 U	<0.046 U	<0.0064 U	<2.4 U	<0.025 U	<0.020 U	<0.048 U	<0.0064 U
Beta Endosulfan	NSL	µg/L	<0.12 U	<0.012 U	<0.012 U	<0.020 U	<0.071 U	<0.0039 U	<0.24 U	<0.012 U	<0.020 U	<0.074 U	<0.0039 U	<2.4 U	<0.012 U	<0.020 U	<0.077 U	<0.0039 U
Chlordane	0.05	µg/L	NA	NA	NA	NA	<0.18 U	NA	NA	NA	NA	<0.19 U	NA	NA	NA	NA	<0.19 U	NA
Chlordane (Technical)	NSL	µg/L	NA	NA	NA	NA	NA	NA	<0.24 U	NA	NA	NA	NA	<2.4 U	NA	NA	NA	NA
cis-Chlordane	NSL	µg/L	<0.12 U	<0.015 U	<0.015 U	<0.020 U	NA	<0.0039 U	<0.24 U	<0.015 U	<0.020 U	NA	<0.0039 U	<2.4 U	<0.015 U	<0.020 U	NA	<0.0039 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	0.039 J	<0.010 U	<0.010 U	<0.020 U	<0.045 U	<0.0053 U	<0.24 U	<0.010 U	<0.020 U	<0.046 U	<0.0053 U	<2.4 U	<0.010 U	<0.020 U	<0.048 U	<0.0053 U
Dieldrin	0.004	µg/L	<0.12 U	<0.0098 U	<0.0098 U	<0.020 U	<0.0018 U	<0.0061 U	<0.24 U	<0.0098 U	<0.020 U	<0.0019 U	<0.0061 U	<2.4 U	<0.0098 U	<0.020 U	<0.0019 U	<0.0061 U
Endosulfan Sulfate	NSL	µg/L	<0.12 U	<0.016 U	<0.016 U	<0.020 U	<0.071 U	<0.0044 U	<0.24 U	<0.016 U	<0.020 U	<0.074 U	<0.0044 U	<2.4 U	<0.016 U	<0.020 U	<0.077 U	<0.0044 U
Endrin	NSL	µg/L	<0.12 U	<0.014 U	<0.014 U	<0.020 U	<0.071 U	<0.0048 U	<0.24 U	<0.014 U	<0.020 U	<0.074 U	0.0067 J	<2.4 U	<0.014 U	<0.020 U	<0.077 U	0.01
Endrin Aldehyde	5	µg/L	<0.12 U	<0.016 U	<0.016 U	<0.020 U	<0.071 U	<0.0054 U	<0.24 U	<0.016 U	<0.020 U	<0.074 U	<0.0054 U	<2.4 U	<0.016 U	<0.020 U	<0.077 U	<0.0054 U
Endrin Ketone	5	µg/L	<0.12 U	<0.012 U	<0.012 U	<0.020 U	<0.071 U	<0.005 U	<0.24 U	<0.012 U	<0.020 U	<0.074 U	<0.005 U	<2.4 U	<0.012 U	<0.020 U	<0.077 U	<0.005 U
Gamma Bhc (Lindane)	NSL	µg/L	0.054 J	<0.0080 U	<0.0080 U	<0.020 U	<0.027 U	<0.0048 U	<0.24 U	<0.0080 U	<0.020 U	<0.028 U	<0.0048 U	<2.4 U	<0.0080 U	<0.020 U	<0.029 U	<0.0048 U
Heptachlor	0.04	µg/L	<0.12 U	<0.														

Table 3. Summary of Historical Groundwater Data at Korkay Inc.

Location ID Sample Date Sample Name			VEW-2 10/13/2015 VEW-2	VEW-2 3/16/2017 VEW-2 031617	VEW-2 3/16/2017 DUP-01 031617 VEW-2 031617	VEW-2 5/14/2019 VEW-2 051419-20190514	VEW-2 5/23/2023 518014-VEW-2	VEW-2 8/8/2024 518014-VEW-2	VEW-3 1/10/2012 VEW-3	VEW-3 3/16/2017 VEW-3 031617	VEW-3 5/14/2019 VEW-3 051419-20190514	VEW-3 5/23/2023 518014-VEW-3	VEW-3 8/8/2024 518014-VEW-3	VEW-4 1/10/2012 VEW-4	VEW-4 3/16/2017 VEW-4 031617	VEW-4 5/14/2019 VEW-4 051419-20190514	VEW-4 5/23/2023 518014-VEW-4	VEW-4 8/8/2024 518014-VEW-4
Parent Sample ID																		
Analyte	NYSDEC AWQS ¹	Unit																
SVOCs (SW8270)																		
1,2,4,5-Tetrachlorobenzene	NSL	µg/L	NA	NA	NA	NA	< 9 U	< 0.54 U	NA	NA	NA	< 9.3 U	< 0.48 U	NA	NA	NA	< 9.4 U	< 0.54 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	< 0.20 U	< 0.20 U	NA	< 0.19 U	< 0.22 U	NA	< 0.20 U	NA	< 0.19 U	< 0.2 U	NA	< 0.20 U	NA	0.56	< 0.22 U
2,4,5-Trichlorophenol	NSL	µg/L	0.56 J	< 0.48 U	< 0.48 U	< 10 U	< 9 U	< 0.71 U	< 4.7 U	< 0.48 U	< 10 U	< 9.3 U	< 0.64 U	< 4.7 U	< 0.48 U	< 10 U	< 9.4 U	< 0.71 U
2,4,6-Trichlorophenol	NSL	µg/L	< 5.2 U	< 0.61 U	< 0.61 U	< 10 U	< 9 U	< 0.54 U	< 4.7 U	< 0.61 U	< 10 U	< 9.3 U	< 0.49 U	< 4.7 U	< 0.61 U	< 10 U	< 9.4 U	< 0.54 U
2,4-Dichlorophenol	5	µg/L	< 5.2 U	< 0.51 U	< 0.51 U	< 10 U	< 9 U	< 0.66 U	< 4.7 U	< 0.51 U	< 10 U	< 9.3 U	< 0.59 U	< 4.7 U	< 0.51 U	< 10 U	< 9.4 U	< 0.66 U
2,4-Dimethylphenol	50	µg/L	9.5	< 0.50 U	< 0.50 U	< 10 U	< 9 U	< 0.58 U	< 4.7 U	< 0.50 U	< 10 U	< 9.3 U	< 0.52 U	3.7 J	< 0.50 U	< 10 U	< 9.4 U	< 0.58 U
2,4-Dinitrophenol	10	µg/L	< 10 U	< 2.2 U	< 2.2 U	< 20 U	< 18 UJ	< 0.75 U	< 9.4 U	< 2.2 U	< 20 U	< 19 UJ	< 0.67 U	< 9.4 U	< 2.2 U	< 20 U	< 19 UJ	< 0.75 U
2,4-Dinitrotoluene	5	µg/L	< 5.2 U	< 0.45 U	< 0.45 U	< 2.0 U	< 9 U	< 2.1 U	< 4.7 U	< 0.45 U	< 2.0 U	< 9.3 U	< 1.9 U	< 4.7 U	< 0.45 U	< 2.0 U	< 9.4 U	< 2.1 U
2,6-Dinitrotoluene	5	µg/L	< 5.2 U	< 0.40 U	< 0.40 U	< 2.0 U	< 9 U	< 0.61 U	< 4.7 U	< 0.40 U	< 2.0 U	< 9.3 U	< 0.55 U	< 4.7 U	< 0.40 U	< 2.0 U	< 9.4 U	< 0.61 U
2-Chloronaphthalene	10	µg/L	< 5.2 U	< 0.46 U	< 0.46 U	< 10 U	< 9 U	< 0.62 U	< 4.7 U	< 0.46 U	< 10 U	< 9.3 U	< 0.56 U	< 4.7 U	< 0.46 U	< 10 U	< 9.4 U	< 0.62 U
2-Chlorophenol	1	µg/L	< 5.2 U	< 0.53 U	< 0.53 U	< 10 U	< 9 U	< 0.48 U	< 4.7 U	< 0.53 U	< 10 U	< 9.3 U	< 0.43 U	< 4.7 U	< 0.53 U	< 10 U	< 9.4 U	< 0.48 U
2-Methylnaphthalene	NSL	µg/L	2.6 J	< 0.60 U	< 0.60 U	< 10 U	< 4.5 U	< 0.41 U	< 4.7 U	< 0.60 U	< 10 U	< 4.7 U	< 0.37 U	4.6 J	< 0.60 U	< 10 U	< 4.7 U	< 0.41 U
2-Methylphenol (O-Cresol)	NSL	µg/L	4.2 J	< 0.40 U	< 0.40 U	< 10 U	< 9 U	< 0.72 U	< 4.7 U	< 0.40 U	< 10 U	< 9.3 U	< 0.64 U	< 4.7 U	< 0.40 U	< 10 U	< 9.4 U	< 0.72 U
2-Nitroaniline	5	µg/L	< 10 U	< 0.42 U	< 0.42 U	< 10 U	< 9 U	< 0.52 U	< 9.4 U	< 0.42 U	< 10 U	< 9.3 U	< 0.47 U	< 9.4 U	< 0.42 U	< 10 U	< 9.4 U	< 0.52 U
2-Nitrophenol	NSL	µg/L	< 5.2 U	< 0.48 U	< 0.48 U	< 10 U	< 9 U	< 0.68 U	< 4.7 U	< 0.48 U	< 10 U	< 9.3 U	< 0.62 U	< 4.7 U	< 0.48 U	< 10 U	< 9.4 U	< 0.68 U
3- And 4- Methylphenol (Total)	NSL	µg/L	NA	NA	NA	NA	< 9 U	< 0.44 U	NA	NA	NA	< 9.3 U	< 0.4 U	NA	NA	NA	1.3 J	< 0.44 U
3,3'-Dichlorobenzidine	5	µg/L	< 5.2 U	< 0.40 U	< 0.40 U	< 10 U	< 9 U	< 1.2 U	< 4.7 U	< 0.40 U	< 10 U	< 9.3 U	< 1.1 U	< 4.7 U	< 0.40 U	< 10 U	< 9.4 U	< 1.2 U
3-Nitroaniline	5	µg/L	< 10 U	< 0.48 U	< 0.48 U	< 10 U	< 9 UJ	< 0.71 U	< 9.4 U	< 0.48 U	< 10 U	< 9.3 UJ	< 0.64 U	< 9.4 U	< 0.48 U	< 10 U	< 9.4 UJ	< 0.71 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 10 U	< 2.2 U	< 2.2 U	< 20 U	< 18 UJ	< 1.7 U	< 9.4 U	< 2.2 U	< 20 U	< 19 UJ	< 1.5 U	< 9.4 U	< 2.2 U	< 20 U	< 19 UJ	< 1.7 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 5.2 U	< 0.45 U	< 0.45 U	< 10 U	< 9 U	< 0.61 U	< 4.7 U	< 0.45 U	< 10 U	< 9.3 U	< 0.55 U	< 4.7 U	< 0.45 U	< 10 U	< 9.4 U	< 0.61 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 5.2 U	< 0.45 U	< 0.45 U	< 10 U	< 9 U	< 0.59 U	< 4.7 U	< 0.45 U	< 10 U	< 9.3 U	< 0.53 U	< 4.7 U	< 0.45 U	< 10 U	< 9.4 U	< 0.59 U
4-Chloroaniline	5	µg/L	< 5.2 U	< 0.59 U	< 0.59 U	< 10 U	< 9 U	< 0.59 U	< 4.7 U	< 0.59 U	< 10 U	< 9.3 U	< 0.53 U	< 4.7 U	< 0.59 U	< 10 U	< 9.4 U	< 0.59 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 5.2 U	< 0.35 U	< 0.35 U	< 10 U	< 9 U	< 0.66 U	< 4.7 U	< 0.35 U	< 10 U	< 9.3 U	< 0.6 U	< 4.7 U	< 0.35 U	< 10 U	< 9.4 U	< 0.66 U
4-Methylphenol (P-Cresol)	NSL	µg/L	5.3 J	< 0.36 U	< 0.36 U	< 10 U	NA	< 1.7 U	< 9.4 U	< 0.36 U	< 10 U	NA	< 1.5 U	8.2 J	< 0.36 U	< 10 U	NA	< 1.7 U
4-Nitroaniline	5	µg/L	< 10 U	< 0.25 U	< 0.25 U	< 10 U	< 9 UJ	< 0.83 U	< 9.4 U	< 0.25 U	< 10 U	< 9.3 UJ	< 0.75 U	< 9.4 U	< 0.25 U	< 10 U	< 9.4 UJ	< 0.83 U
4-Nitrophenol	NSL	µg/L	< 10 U	< 1.5 U	< 1.5 U	< 20 U	< 18 U	< 0.5 U	< 9.4 U	< 1.5 U	< 20 U	< 19 U	< 0.45 U	< 9.4 U	< 1.5 U	< 20 U	< 19 U	< 0.5 U
Acenaphthene	20	µg/L	< 5.2 U	< 0.41 U	< 0.41 U	< 10 U	< 4.5 U	< 0.68 U	< 4.7 U	< 0.41 U	< 10 U	< 4.7 U	< 0.61 U	< 4.7 U	< 0.41 U	< 10 U	< 4.7 U	< 0.68 U
Acenaphthylene	NSL	µg/L	< 5.2 U	< 0.38 U	< 0.38 U	< 10 U	< 4.5 U	< 0.47 U	< 4.7 U	< 0.38 U	< 10 U	< 4.7 U	< 0.42 U	< 4.7 U	< 0.38 U	< 10 U	< 4.7 U	< 0.47 U
Acetophenone	NSL	µg/L	< 5.2 U	< 0.54 U	< 0.54 U	< 10 U	< 9 U	< 0.57 U	6.8	< 0.54 U	< 10 U	< 9.3 U	< 0.52 U	120	< 0.54 U	< 10 U	< 9.4 U	32.5
Anthracene	50	µg/L	< 5.2 U	< 0.28 U	< 0.28 U	< 10 U	< 4.5 U	< 0.62 U	< 4.7 U	< 0.28 U	< 10 U	< 4.7 U	< 0.56 U	< 4.7 U	< 0.28 U	< 10 U	< 4.7 U	< 0.62 U
Atrazine	NSL	µg/L	< 5.2 U	< 0.46 U	< 0.46 U	< 2.0 U	< 18 U	< 0.8 U	< 4.7 U	< 0.46 U	< 2.0 U	< 19 U	< 0.72 U	< 4.7 U	< 0.46 U	< 2.0 U	< 19 U	< 0.8 U
Benzaldehyde	NSL	µg/L	< 5.2 U	< 0.27 U	< 0.27 U	< 10 U	< 9 UJ	< 0.48 U	< 4.7 U	< 0.27 U	< 10 U	< 9.3 UJ	< 0.44 U	< 4.7 U	< 0.27 U	< 10 U	< 9.4 UJ	< 0.48 U
Benzo(A)Anthracene	0.002	µg/L	< 5.2 U	< 0.36 U	< 0.36 U	< 1.0 U	< 4.5 U	< 0.57 U	< 4.7 U	< 0.36 U	< 1.0 U	< 4.7 U	< 0.51 U	< 4.7 U	< 0.36 U	< 1.0 U	< 4.7 U	< 0.57 U
Benzo(A)Pyrene	NSL	µg/L	< 5.2 U	< 0.47 U	< 0.47 U	< 1.0 U	< 4.5 U	< 0.7 U	< 4.7 U	< 0.47 U	< 1.0 U	< 4.7 U	< 0.63 U	< 4.7 U	< 0.47 U	< 1.0 U	< 4.7 U	< 0.7 U
Benzo(B)Fluoranthene	0.002	µg/L	< 5.2 U	< 0.34 U	< 0.34 U	< 2.0 U	< 4.5 U	< 0.63 U	< 4.7 U	< 0.34 U	< 2.0 U	< 4.7 U	< 0.57 U	< 4.7 U	< 0.34 U	< 2.0 U	< 4.7 U	< 0.63 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 5.2 U	< 0.35 U	< 0.35 U	< 10 U	< 4.5 U	< 0.71 U	< 4.7 U	< 0.35 U	< 10 U	< 4.7 U	< 0.64 U	< 4.7 U	< 0.35 U	< 10 U	< 4.7 U	< 0.71 U
Benzo(K)Fluoranthene	0.002	µg/L	< 5.2 U	< 0.73 U	< 0.73 U	< 1.0 U	< 4.5 U	< 0.53 U	< 4.7 U	< 0.73 U	< 1.0 U	< 4.7 U	< 0.48 U	< 4.7 U	< 0.73 U	< 1.0 U	< 4.7 U	< 0.53 U
Benzyl Butyl Phthalate	50	µg/L	0.54 J	< 1.0 U	< 1.0 U	< 10 U	< 9 UJ	< 0.96 U	< 4.7 U	< 1.0 U	< 10 U	< 9.3 UJ	< 0.86 U	< 4.7 U	< 1.0 U	< 10 U	< 9.4 UJ	< 0.96 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 5.2 U	< 0.65 U	< 0.65 U	< 10 U	< 18 U	< 0.65 U	< 4.7 U	< 0.65 U	< 10 U	< 19 U	< 0.59 U	< 4.7 U	< 0.65 U	< 10 U	< 19 U	< 0.65 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 5.2 U	< 0.35 U	< 0.35 U	< 10 U	< 9 U	< 0.51 U	< 4.7 U	< 0.35 U	< 10 U	< 9.3 U	< 0.46 U	< 4.7 U	< 0.35 U	< 10 U	< 9.4 U	< 0.51 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 5.2 U	< 0.40 U	< 0.40 U	< 1.0 U	< 9 U	< 0.48 U	< 4.7 U	< 0.40 U	< 1.0 U	< 9.3 U	< 0.43 U	< 4.7 U	< 0.40 U	< 1.0 U	< 9.4 U	< 0.48 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 5.2 U	< 0.52 U	< 0.52 U	< 10												

Table 4. Summary of Surface Water COC Concentrations (August 2024)

Location ID Sample Name Parent Sample ID Sample Date			SW-01	SW-02	SW-02	SW-03
			518014-SW-01	518014-SW-02	518014-FD-SW	518014-SW-03
					518014-SW-02	
			8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC AWQS ¹	Unit				
PFAS (E1633)						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUd	NSL	ng/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	< 7.8 U	< 7.8 U	< 7.8 U	< 7.8 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	< 6.8 U	< 6.8 U	< 6.8 U	< 6.8 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	< 1.3 U	< 1.4 U	< 1.3 U	< 1.4 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	< 0.70 U	< 0.70 U	< 0.70 U	< 0.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	< 3.0 U	< 3.1 U	< 3.0 U	< 3.1 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NSL	ng/L	< 0.30 U	< 0.30 U	< 0.30 U	< 0.30 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	< 0.61 U	< 0.62 U	< 0.61 U	< 0.62 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	< 0.72 U	< 0.73 U	0.74 J	< 0.73 U
Perfluorobutanoic Acid	NSL	ng/L	2.9 J	2.9 J	2.6 J	2.9 J
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	< 0.68 U	< 0.68 U	< 0.68 U	< 0.68 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	< 0.84 U	< 0.85 U	< 0.84 U	< 0.85 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	0.81 J	0.73 J	0.79 J	0.73 J
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	0.75 J	0.79 J	< 0.32 U	< 0.32 U
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	< 0.44 U	0.56 J	0.55 J	0.46 J
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	< 0.76 U	0.85 J	< 0.76 U	< 0.76 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	< 0.47 U	0.78 J	0.66 J	< 0.47 U
Perfluorooctanoic acid (PFOA)	6.7	ng/L	1.8 J	1.7 J	1.4 J	2.0 J
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	0.86 J	< 0.80 U	0.83 J	0.88 J
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	< 0.83 U	< 0.84 U	< 0.83 U	< 0.84 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U

Table 4. Summary of Surface Water COC Concentrations (August 2024)

Location ID Sample Name Parent Sample ID Sample Date			SW-01	SW-02	SW-02	SW-03
			518014-SW-01	518014-SW-02	518014-FD-SW	518014-SW-03
					518014-SW-02	
			8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC AWQS ¹	Unit				
Pesticides (SW8081)						
Aldrin	NSL	µg/L	< 0.0041 U	< 0.0041 U	< 0.0041 U	< 0.0041 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NSL	µg/L	< 0.0042 U	< 0.0042 U	< 0.0042 U	< 0.0042 U
Alpha Endosulfan	NSL	µg/L	< 0.0042 U	< 0.0042 U	< 0.0042 U	< 0.0042 U
Beta Bhc (Beta Hexachlorocyclohexane)	NSL	µg/L	< 0.0064 U	< 0.0064 U	< 0.0064 U	< 0.0064 U
Beta Endosulfan	NSL	µg/L	< 0.0039 U	< 0.0039 U	< 0.0039 U	< 0.0039 U
cis-Chlordane	NSL	µg/L	< 0.0039 U	< 0.0039 U	< 0.0039 U	< 0.0039 U
Delta BHC (Delta Hexachlorocyclohexane)	NSL	µg/L	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.0053 U
Dieldrin	0.004	µg/L	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.0061 U
Endosulfan Sulfate	NSL	µg/L	< 0.0044 U	< 0.0044 U	< 0.0044 U	< 0.0044 U
Endrin	NSL	µg/L	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0048 U
Endrin Aldehyde	5	µg/L	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.0054 U
Endrin Ketone	5	µg/L	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U
Gamma Bhc (Lindane)	NSL	µg/L	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0048 U
Heptachlor	0.04	µg/L	< 0.0036 U	< 0.0036 U	< 0.0036 U	< 0.0036 U
Heptachlor Epoxide	0.03	µg/L	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0048 U
Methoxychlor	35	µg/L	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.0054 U
P,P'-DDD	0.3	µg/L	< 0.0046 U	< 0.0046 U	< 0.0046 U	< 0.0046 U
P,P'-DDE	0.2	µg/L	< 0.0040 U	< 0.0040 U	< 0.0040 U	< 0.0040 U
P,P'-DDT	0.2	µg/L	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U
Toxaphene	0.06	µg/L	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
trans-Chlordane	NSL	µg/L	< 0.0034 U	< 0.0034 U	< 0.0034 U	< 0.0034 U
VOCs (SW8260)						
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U
1,1,2-Trichloroethane	1	µg/L	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U
1,1-Dichloroethane	5	µg/L	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U
1,2,3-Trichlorobenzene	5	µg/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2,4-Trichlorobenzene	5	µg/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U
1,2-Dichlorobenzene	3	µg/L	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U
1,2-Dichloroethane	0.6	µg/L	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
1,2-Dichloropropane	1	µg/L	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U
1,3-Dichlorobenzene	3	µg/L	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,4-Dichlorobenzene	3	µg/L	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U
2-Hexanone	50	µg/L	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U
Acetone	50	µg/L	< 3.1 U	< 3.1 U	< 3.1 U	< 3.1 U
Benzene	1	µg/L	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U
Bromochloromethane	5	µg/L	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U
Bromodichloromethane	50	µg/L	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U

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Location ID Sample Name Parent Sample ID Sample Date			SW-01	SW-02	SW-02	SW-03
			518014-SW-01	518014-SW-02	518014-FD-SW	518014-SW-03
					518014-SW-02	
			8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC AWQS ¹	Unit				
Bromoform	50	µg/L	< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U
Bromomethane	5	µg/L	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Carbon Disulfide	60	µg/L	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Carbon Tetrachloride	5	µg/L	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
Chlorobenzene	5	µg/L	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U
Chloroethane	5	µg/L	< 0.73 U	< 0.73 U	< 0.73 U	< 0.73 U
Chloroform	7	µg/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Chloromethane (Methyl Chloride)	5	µg/L	< 0.76 U	< 0.76 U	< 0.76 U	< 0.76 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.47 U	< 0.47 U	< 0.47 U	< 0.47 U
Cyclohexane	NSL	µg/L	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U
Dibromochloromethane	50	µg/L	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U
Dichlorodifluoromethane	5	µg/L	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U
Methyl Acetate	NSL	µg/L	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 4.9 U	< 4.9 U	< 4.9 U	< 4.9 U
Methylcyclohexane	NSL	µg/L	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Methylene Chloride	5	µg/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U
Styrene	5	µg/L	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U
Toluene	5	µg/L	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U
Trichloroethylene (TCE)	5	µg/L	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U
Trichlorofluoromethane	5	µg/L	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U
Vinyl Chloride	2	µg/L	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U
Xylenes	5	µg/L	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U
SVOCs (SW8270)						
1,2,4,5-Tetrachlorobenzene	5	µg/L	< 0.54 U	< 0.48 U	< 0.54 U	< 0.54 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 0.20 U	< 0.20 U	< 0.20 U	< 0.22 U
2,3,4,6-Tetrachlorophenol	NSL	µg/L	< 0.71 U	< 0.64 U	< 0.71 U	< 0.71 U
2,4,5-Trichlorophenol	NSL	µg/L	< 0.54 U	< 0.49 U	< 0.54 U	< 0.54 U
2,4,6-Trichlorophenol	NSL	µg/L	< 0.66 U	< 0.59 U	< 0.66 U	< 0.66 U
2,4-Dichlorophenol	5	µg/L	< 0.58 U	< 0.52 U	< 0.58 U	< 0.58 U
2,4-Dimethylphenol	50	µg/L	< 0.75 U	< 0.67 U	< 0.75 U	< 0.75 U
2,4-Dinitrophenol	10	µg/L	< 2.1 U	< 1.9 U	< 2.1 U	< 2.1 U
2,4-Dinitrotoluene	5	µg/L	< 0.61 U	< 0.55 U	< 0.61 U	< 0.61 U
2,6-Dinitrotoluene	5	µg/L	< 0.62 U	< 0.56 U	< 0.62 U	< 0.62 U

Table 4. Summary of Surface Water COC Concentrations (August 2024)

Location ID Sample Name Parent Sample ID Sample Date			SW-01	SW-02	SW-02	SW-03
			518014-SW-01	518014-SW-02	518014-FD-SW	518014-SW-03
					518014-SW-02	
			8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC AWQS ¹	Unit				
2-Chloronaphthalene	10	µg/L	< 0.48 U	< 0.43 U	< 0.48 U	< 0.48 U
2-Chlorophenol	1	µg/L	< 0.41 U	< 0.37 U	< 0.41 U	< 0.41 U
2-Methylnaphthalene	NSL	µg/L	< 0.72 U	< 0.64 U	< 0.72 U	< 0.72 U
2-Methylphenol (O-Cresol)	NSL	µg/L	< 0.52 U	< 0.47 U	< 0.52 U	< 0.52 U
2-Nitroaniline	5	µg/L	< 0.68 U	< 0.62 U	< 0.68 U	< 0.68 U
2-Nitrophenol	NSL	µg/L	< 0.44 U	< 0.40 U	< 0.44 U	< 0.44 U
3,3'-Dichlorobenzidine	5	µg/L	< 1.2 U	< 1.1 U	< 1.2 U	< 1.2 U
3-Nitroaniline	5	µg/L	< 0.71 U	< 0.64 U	< 0.71 U	< 0.71 U
4,6-Dinitro-2-Methylphenol	NSL	µg/L	< 1.7 U	< 1.5 U	< 1.7 U	< 1.7 U
4-Bromophenyl Phenyl Ether	NSL	µg/L	< 0.61 U	< 0.55 U	< 0.61 U	< 0.61 U
4-Chloro-3-Methylphenol	NSL	µg/L	< 0.59 U	< 0.53 U	< 0.59 U	< 0.59 U
4-Chloroaniline	5	µg/L	< 0.59 U	< 0.53 U	< 0.59 U	< 0.59 U
4-Chlorophenyl Phenyl Ether	NSL	µg/L	< 0.66 U	< 0.60 U	< 0.66 U	< 0.66 U
4-Methylphenol (P-Cresol)	NSL	µg/L	< 1.7 U	< 1.5 U	< 1.7 U	< 1.7 U
4-Nitroaniline	5	µg/L	< 0.83 U	< 0.75 U	< 0.83 U	< 0.83 U
4-Nitrophenol	NSL	µg/L	< 0.50 U	< 0.45 U	< 0.50 U	< 0.50 U
Acenaphthene	20	µg/L	< 0.68 U	< 0.61 U	< 0.68 U	< 0.68 U
Acenaphthylene	NSL	µg/L	< 0.47 U	< 0.42 U	< 0.47 U	< 0.47 U
Acetophenone	NSL	µg/L	< 0.57 U	< 0.52 U	< 0.57 U	< 0.57 U
Anthracene	50	µg/L	< 0.62 U	< 0.56 U	< 0.62 U	< 0.62 U
Atrazine	7.5	µg/L	< 0.80 U	< 0.72 U	< 0.80 U	< 0.80 U
Benzaldehyde	ND	µg/L	< 0.48 U	< 0.44 U	< 0.48 U	< 0.48 U
Benzo(A)Anthracene	0.002	µg/L	< 0.57 U	< 0.51 U	< 0.57 U	< 0.57 U
Benzo(A)Pyrene	ND	µg/L	< 0.70 U	< 0.63 U	< 0.70 U	< 0.70 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.63 U	< 0.57 U	< 0.63 U	< 0.63 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.71 U	< 0.64 U	< 0.71 U	< 0.71 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.53 U	< 0.48 U	< 0.53 U	< 0.53 U
Benzyl Butyl Phthalate	50	µg/L	< 0.96 U	< 0.86 U	< 0.96 U	< 0.96 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5	µg/L	< 0.65 U	< 0.59 U	< 0.65 U	< 0.65 U
Bis(2-Chloroethoxy) Methane	5	µg/L	< 0.51 U	< 0.46 U	< 0.51 U	< 0.51 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	µg/L	< 0.48 U	< 0.43 U	< 0.48 U	< 0.48 U
Bis(2-Chloroisopropyl) Ether	5	µg/L	< 0.55 U	< 0.50 U	< 0.55 U	< 0.55 U
Bis(2-Ethylhexyl) Phthalate	5	µg/L	< 1.5 U	< 1.3 U	< 1.5 U	< 1.5 U
Caprolactam	NSL	µg/L	< 0.39 U	< 0.35 U	< 0.39 U	< 0.39 U
Carbazole	NSL	µg/L	< 0.64 U	< 0.58 U	< 0.64 U	< 0.64 U
Chrysene	0.002	µg/L	< 0.58 U	< 0.52 U	< 0.58 U	< 0.58 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.56 U	< 0.50 U	< 0.56 U	< 0.56 U
Dibenzofuran	NSL	µg/L	< 0.81 U	< 0.73 U	< 0.81 U	< 0.81 U
Diethyl Phthalate	50	µg/L	< 0.64 U	< 0.58 U	< 0.64 U	< 0.64 U
Dimethyl Phthalate	50	µg/L	< 0.61 U	< 0.55 U	< 0.61 U	< 0.61 U
Di-N-Butyl Phthalate	50	µg/L	< 0.59 U	< 0.53 U	< 0.59 U	< 0.59 U
Di-N-Octylphthalate	50	µg/L	< 1.8 U	< 1.6 U	< 1.8 U	< 1.8 U
Fluoranthene	50	µg/L	< 0.64 U	< 0.58 U	< 0.64 U	< 0.64 U

Table 4. Summary of Surface Water COC Concentrations (August 2024)

Location ID Sample Name Parent Sample ID Sample Date			SW-01	SW-02	SW-02	SW-03
			518014-SW-01	518014-SW-02	518014-FD-SW	518014-SW-03
					518014-SW-02	
			8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC AWQS ¹	Unit				
Fluorene	50	µg/L	< 0.66 U	< 0.59 U	< 0.66 U	< 0.66 U
Hexachlorobenzene	0.04	µg/L	< 0.60 U	< 0.54 U	< 0.60 U	< 0.60 U
Hexachlorobutadiene	0.5	µg/L	< 0.39 U	< 0.35 U	< 0.39 U	< 0.39 U
Hexachlorocyclopentadiene	5	µg/L	< 1.1 U	< 0.98 U	< 1.1 U	< 1.1 U
Hexachloroethane	5	µg/L	< 0.61 U	< 0.55 U	< 0.61 U	< 0.61 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.71 U	< 0.64 U	< 0.71 U	< 0.71 U
Isophorone	NSL	µg/L	< 0.44 U	< 0.39 U	< 0.44 U	< 0.44 U
Naphthalene	NSL	µg/L	< 0.49 U	< 0.44 U	< 0.49 U	< 0.49 U
Nitrobenzene	0.4	µg/L	< 0.47 U	< 0.42 U	< 0.47 U	< 0.47 U
N-Nitrosodi-N-Propylamine	NSL	µg/L	< 0.72 U	< 0.65 U	< 0.72 U	< 0.72 U
N-Nitrosodiphenylamine	50	µg/L	< 0.47 U	< 0.42 U	< 0.47 U	< 0.47 U
Pentachlorophenol	1	µg/L	< 1.3 U	< 1.2 U	< 1.3 U	< 1.3 U
Phenanthrene	50	µg/L	< 0.54 U	< 0.48 U	< 0.54 U	< 0.54 U
Phenol	1	µg/L	< 0.29 U	< 0.26 U	< 0.29 U	< 0.29 U
Pyrene	50	µg/L	< 0.55 U	< 0.50 U	< 0.55 U	< 0.55 U

Notes:

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1)

U = Analyte not detected.

J = Concentration is estimated.

ng/L = Nanogram(s) per liter

µg/L = Microgram(s) per liter

AWQS = Ambient Water Quality Standard

ND = Not detected.

NSL = No screening level

NYSDEC = New York State Department of Environmental Conservation

SVOCs = Semivolatile organic compounds

VOCs = Volatile organic compounds

SIM = Selected ion monitoring

Concentrations exceeding the screening level are shaded.

Table 5. Summary of Sediment COC Concentrations (August 2024)

Location ID Sample Name Parent Sample ID Sample Date			SD-01	SD-02	SD-02	SD-03
			518014-SED-1	518014-SED-02	518014-FD-SED	518014-SED-03
					518014-SED-02	
			8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC SGVs Class A (µg/kg)	Unit				
PFAS (EPA 1633)						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NA	µg/kg	< 0.21 U	< 0.26 U	< 0.24 U	< 0.24 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NA	µg/kg	< 0.22 U	< 0.27 U	< 0.26 U	< 0.25 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NA	µg/kg	< 0.33 U	< 0.4 U	< 0.38 U	< 0.37 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NA	µg/kg	< 0.12 U	< 0.14 U	< 0.14 U	< 0.13 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NA	µg/kg	< 0.73 U	< 0.88 U	< 0.84 U	< 0.83 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NA	µg/kg	< 0.74 U	< 0.9 U	< 0.85 U	< 0.84 U
2H,2H,3H,3H-Perfluorooctanoic acid	NA	µg/kg	< 0.28 U	< 0.34 U	< 0.33 U	< 0.32 U
3-Perfluoroheptyl propanoic acid	NA	µg/kg	< 0.14 U	< 0.17 U	< 0.16 U	< 0.16 U
3-Perfluoropropyl propanoic acid	NA	µg/kg	< 0.31 U	< 0.37 U	< 0.35 U	< 0.35 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NA	µg/kg	< 0.21 U	< 0.26 U	< 0.24 U	< 0.24 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NA	µg/kg	< 0.059 U	< 0.071 U	< 0.068 U	< 0.067 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NA	µg/kg	< 0.15 U	< 0.19 U	< 0.18 U	< 0.17 U
N-ethyl perfluoro-1-octanesulfonamide	NA	µg/kg	< 0.86 U	< 1 U	< 0.99 U	< 0.98 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NA	µg/kg	< 0.071 U	< 0.086 U	< 0.081 U	< 0.08 U
N-methyl perfluoro-1-octanesulfonamide	NA	µg/kg	< 0.095 U	< 0.11 U	< 0.11 U	< 0.11 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NA	µg/kg	< 0.33 U	< 0.4 U	< 0.38 U	< 0.37 U
Nonafluoro-3,6-dioxaheptanoic acid	NA	µg/kg	< 0.15 U	< 0.19 U	< 0.18 U	< 0.17 U
Perfluoro(2-ethoxyethane)sulfonic acid	NA	µg/kg	< 0.035 U	< 0.043 U	< 0.041 U	< 0.04 U
Perfluoro-3-methoxypropanoic acid	NA	µg/kg	< 0.035 U	< 0.043 U	< 0.041 U	< 0.04 U
Perfluoro-4-methoxybutanoic acid	NA	µg/kg	< 0.071 U	< 0.086 U	< 0.081 U	< 0.08 U
Perfluorobutanesulfonic acid (PFBS)	NA	µg/kg	< 0.083 U	< 0.1 U	< 0.095 U	< 0.094 U
Perfluorobutanoic Acid	NA	µg/kg	< 0.13 U	< 0.16 U	< 0.15 U	< 0.15 U
Perfluorodecanesulfonic acid (PFDS)	NA	µg/kg	< 0.13 U	< 0.16 U	< 0.15 U	< 0.15 U
Perfluorodecanoic acid (PFDA)	NA	µg/kg	< 0.083 U	< 0.1 U	< 0.095 U	< 0.094 U
Perfluorododecanesulfonic acid (PFDOS)	NA	µg/kg	< 0.059 U	< 0.071 U	< 0.068 U	< 0.067 U
Perfluorododecanoic acid (PFDoA)	NA	µg/kg	< 0.095 U	< 0.11 U	< 0.11 U	< 0.11 U
Perfluoroheptanesulfonic acid (PFHpS)	NA	µg/kg	< 0.12 U	< 0.14 U	< 0.14 U	< 0.13 U
Perfluoroheptanoic acid (PFHpA)	NA	µg/kg	< 0.059 U	< 0.071 U	< 0.068 U	< 0.067 U
Perfluorohexanesulfonic acid (PFHxS)	NA	µg/kg	< 0.13 U	< 0.16 U	< 0.15 U	< 0.15 U
Perfluorohexanoic acid (PFHxA)	NA	µg/kg	< 0.035 U	< 0.043 U	< 0.041 U	< 0.04 U
Perfluorononanesulfonic Acid (PFNS)	NA	µg/kg	< 0.17 U	< 0.2 U	< 0.19 U	< 0.19 U
Perfluorononanoic acid (PFNA)	NA	µg/kg	< 0.059 U	< 0.071 U	< 0.068 U	< 0.067 U
Perfluorooctane Sulfonamide (FOSA)	NA	µg/kg	< 0.083 U	< 0.1 U	< 0.095 U	< 0.094 U
Perfluorooctanesulfonic acid (PFOS)	NA	µg/kg	< 0.059 U	0.52	0.21 J	< 0.067 U
Perfluorooctanoic acid (PFOA)	NA	µg/kg	< 0.095 U	< 0.11 U	< 0.11 U	< 0.11 U
Perfluoropentanesulfonic Acid (PFPeS)	NA	µg/kg	< 0.12 U	< 0.14 U	< 0.14 U	< 0.13 U
Perfluoropentanoic Acid (PFPeA)	NA	µg/kg	< 0.083 U	< 0.1 U	< 0.095 U	< 0.094 U
Perfluorotetradecanoic acid (PFTA)	NA	µg/kg	< 0.12 U	< 0.14 U	< 0.14 U	< 0.13 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NA	µg/kg	< 0.11 U	< 0.13 U	< 0.12 U	< 0.12 U
Perfluoroundecanoic Acid (PFUnA)	NA	µg/kg	< 0.071 U	< 0.086 U	< 0.081 U	< 0.08 U

Table 5. Summary of Sediment COC Concentrations (August 2024)

Location ID Sample Name Parent Sample ID Sample Date			SD-01	SD-02	SD-02	SD-03
			518014-SED-1	518014-SED-02	518014-FD-SED	518014-SED-03
					518014-SED-02	
			8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC SGVs Class A (µg/kg)	Unit				
TOC (Lloyd Kahn)						
Total Organic Carbon	NA	mg/kg	2710	19000	14900	19900
Pesticides (SW8081B)						
Aldrin	NA	mg/kg	< 0.000089 U	< 0.00013 U	< 0.00013 U	< 0.00011 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	47	mg/kg	< 0.000053 U	< 0.000078 U	< 0.000076 U	< 0.000065 U
Alpha Endosulfan	NA	mg/kg	< 0.000062 U	< 0.000092 U	< 0.000089 U	< 0.000076 U
Beta Bhc (Beta Hexachlorocyclohexane)	NA	mg/kg	< 0.000067 U	< 0.000099 U	< 0.000096 U	< 0.000082 U
Beta Endosulfan	NA	mg/kg	< 0.000064 U	< 0.000095 U	< 0.000093 U	< 0.000079 U
cis-Chlordane	68	mg/kg	< 0.000062 U	< 0.000092 U	< 0.000089 U	< 0.000076 U
trans-Chlordane	68	mg/kg	< 0.000069 U	< 0.00010 U	< 0.000099 U	< 0.000085 U
Delta BHC (Delta Hexachlorocyclohexane)	NA	mg/kg	< 0.000069 U	< 0.00010 U	< 0.000099 U	< 0.000085 U
Dieldrin	180	mg/kg	< 0.000073 U	< 0.00011 U	< 0.00011 U	< 0.000091 U
Endosulfan Sulfate	NA	mg/kg	< 0.000055 U	< 0.000082 U	< 0.000079 U	< 0.000068 U
Endrin	90	mg/kg	< 0.000067 U	< 0.000099 U	< 0.000096 U	< 0.000082 U
Endrin Aldehyde	NA	mg/kg	< 0.00013 U	< 0.00020 U	< 0.00019 U	< 0.00016 U
Endrin Ketone	NA	mg/kg	< 0.000073 U	< 0.00011 U	< 0.00011 U	< 0.000091 U
Gamma Bhc (Lindane)	NA	mg/kg	< 0.000080 U	< 0.00012 U	< 0.00012 U	< 0.000099 U
Heptachlor	75	mg/kg	< 0.000060 U	< 0.000088 U	< 0.000086 U	< 0.000074 U
Heptachlor Epoxide	15	mg/kg	< 0.000083 U	< 0.00012 U	< 0.00012 U	< 0.00010 U
Methoxychlor	59	mg/kg	< 0.00018 U	< 0.00027 U	< 0.00026 U	< 0.00022 U
P,P'-DDD	NA	mg/kg	< 0.000048 U	< 0.000071 U	< 0.000070 U	< 0.000059 U
P,P'-DDE	NA	mg/kg	0.00017 J	< 0.000082 U	< 0.000079 U	0.00017 J
P,P'-DDT	NA	mg/kg	0.00012 J	< 0.00012 U	< 0.00012 U	0.00029 J
Toxaphene	6	mg/kg	< 0.0038 U	< 0.0056 U	< 0.0055 U	< 0.0047 U
VOCs (SW8260D)						
1,1,1-Trichloroethane (TCA)	NA	mg/kg	< 0.00048 U	< 0.00089 U	< 0.00078 U	< 0.00059 U
1,1,2,2-Tetrachloroethane	2800	mg/kg	< 0.00060 U	< 0.0011 U	< 0.00097 U	< 0.00074 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	mg/kg	< 0.0027 U	< 0.0049 U	< 0.0043 U	< 0.0033 U
1,1,2-Trichloroethane	NA	mg/kg	< 0.00055 U	< 0.0010 U	< 0.00090 U	< 0.00068 U
1,1-Dichloroethane	NA	mg/kg	< 0.00049 U	< 0.00091 U	< 0.00080 U	< 0.00061 U
1,1-Dichloroethene	520	mg/kg	< 0.00065 U	< 0.0012 U	< 0.0011 U	< 0.00080 U
1,2,3-Trichlorobenzene	230	mg/kg	< 0.0025 U	< 0.0046 U	< 0.0041 U	< 0.0031 U
1,2,4-Trichlorobenzene	35000	mg/kg	< 0.0025 U	< 0.0046 U	< 0.0041 U	< 0.0031 U
1,2-Dibromo-3-Chloropropane	NA	mg/kg	< 0.00069 U	< 0.0013 U	< 0.0011 U	< 0.00085 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	mg/kg	< 0.00042 U	< 0.00078 U	< 0.00068 U	< 0.00052 U
1,2-Dichlorobenzene	280	mg/kg	< 0.00055 U	< 0.0010 U	< 0.00089 U	< 0.00067 U
1,2-Dichloroethane	NA	mg/kg	< 0.00047 U	< 0.00087 U	< 0.00076 U	< 0.00058 U
1,2-Dichloropropane	NA	mg/kg	< 0.00047 U	< 0.00087 U	< 0.00077 U	< 0.00058 U
1,3-Dichlorobenzene	1800	mg/kg	< 0.00050 U	< 0.00091 U	< 0.00081 U	< 0.00061 U
1,4-Dichlorobenzene	720	mg/kg	< 0.00049 U	< 0.00091 U	< 0.00080 U	< 0.00061 U
2-Hexanone	NA	mg/kg	< 0.0021 U	< 0.0039 U	< 0.0034 U	< 0.0026 U
Acetone	NA	mg/kg	< 0.0041 U	0.0664	0.0505	0.0975

Table 5. Summary of Sediment COC Concentrations (August 2024)

Location ID Sample Name Parent Sample ID Sample Date			SD-01	SD-02	SD-02	SD-03
			518014-SED-1	518014-SED-02	518014-FD-SED	518014-SED-03
					518014-SED-02	
			8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC SGVs Class A (µg/kg)	Unit				
Benzene	NA	mg/kg	< 0.00045 U	< 0.00084 U	< 0.00074 U	< 0.00056 U
Bromochloromethane	NA	mg/kg	< 0.00056 U	< 0.0010 U	< 0.00091 U	< 0.00069 U
Bromodichloromethane	NA	mg/kg	< 0.00043 U	< 0.00079 U	< 0.00070 U	< 0.00053 U
Bromoform	NA	mg/kg	< 0.0014 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
Bromomethane	NA	mg/kg	< 0.00076 U	< 0.0014 U	< 0.0012 U	0.0016 J
Carbon Disulfide	NA	mg/kg	< 0.00053 U	< 0.00099 U	0.0016 J	< 0.00066 U
Carbon Tetrachloride	1070	mg/kg	< 0.00062 U	< 0.0011 U	< 0.0010 U	< 0.00076 U
Chlorobenzene	200	mg/kg	< 0.00046 U	< 0.00085 U	< 0.00075 U	< 0.00056 U
Chloroethane	NA	mg/kg	< 0.00059 U	< 0.0011 U	< 0.00096 U	< 0.00073 U
Chloroform	NA	mg/kg	< 0.0010 U	< 0.0018 U	< 0.0016 U	< 0.0012 U
Chloromethane	NA	mg/kg	< 0.0020 U	< 0.0036 U	< 0.0032 U	< 0.0024 U
Cis-1,2-Dichloroethylene	NA	mg/kg	< 0.00084 U	< 0.0015 U	< 0.0014 U	< 0.0010 U
Cis-1,3-Dichloropropene	NA	mg/kg	< 0.00047 U	< 0.00088 U	< 0.00077 U	< 0.00058 U
Cyclohexane	NA	mg/kg	< 0.00066 U	< 0.0012 U	< 0.0011 U	< 0.00081 U
Dibromochloromethane	NA	mg/kg	< 0.00056 U	< 0.0010 U	< 0.00091 U	< 0.00069 U
Dichlorodifluoromethane	NA	mg/kg	< 0.00073 U	< 0.0013 U	< 0.0012 U	< 0.00089 U
Ethylbenzene	430	mg/kg	< 0.00045 U	< 0.00084 U	< 0.00074 U	< 0.00056 U
Isopropylbenzene (Cumene)	210	mg/kg	< 0.0014 U	< 0.0026 U	< 0.0023 U	< 0.0017 U
m,p-Xylene	NA	mg/kg	< 0.00090 U	< 0.0017 U	< 0.0015 U	< 0.0011 U
Methyl Acetate	NA	mg/kg	< 0.0014 U	< 0.0026 U	< 0.0023 U	0.0811
Methyl Ethyl Ketone (2-Butanone)	NA	mg/kg	< 0.0024 U	< 0.0045 U	< 0.0039 U	< 0.0030 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NA	mg/kg	< 0.0023 U	< 0.0042 U	< 0.0037 U	< 0.0028 U
Methylcyclohexane	NA	mg/kg	< 0.00087 U	< 0.0016 U	< 0.0014 U	< 0.0011 U
Methylene Chloride	NA	mg/kg	< 0.0026 U	< 0.0048 U	< 0.0042 U	< 0.0032 U
O-Xylene (1,2-Dimethylbenzene)	NA	mg/kg	< 0.00046 U	< 0.00084 U	< 0.00074 U	< 0.00056 U
Styrene	NA	mg/kg	< 0.00040 U	< 0.00074 U	< 0.00065 U	< 0.00049 U
Tert-Butyl Methyl Ether	NA	mg/kg	< 0.00047 U	< 0.00086 U	< 0.00076 U	< 0.00058 U
Tetrachloroethylene (PCE)	16000	mg/kg	< 0.00058 U	< 0.0011 U	< 0.00094 U	< 0.00071 U
Toluene	930	mg/kg	< 0.00052 U	< 0.00097 U	< 0.00085 U	< 0.00065 U
Trans-1,2-Dichloroethene	1200	mg/kg	< 0.00061 U	< 0.0011 U	< 0.00099 U	< 0.00075 U
Trans-1,3-Dichloropropene	NA	mg/kg	< 0.00046 U	< 0.00084 U	< 0.00074 U	< 0.00056 U
Trichloroethylene (TCE)	1800	mg/kg	< 0.00076 U	< 0.0014 U	< 0.0012 U	< 0.00094 U
Trichlorofluoromethane	NA	mg/kg	< 0.00068 U	< 0.0013 U	< 0.0011 U	< 0.00084 U
Vinyl Chloride	NA	mg/kg	< 0.00048 U	< 0.00089 U	< 0.00078 U	< 0.00059 U
Xylenes	NA	mg/kg	< 0.00046 U	< 0.00084 U	< 0.00074 U	< 0.00056 U
SVOCs (SW8270E)						
1,2,4,5-Tetrachlorobenzene	3000	mg/kg	< 0.01 U	< 0.015 U	< 0.014 U	< 0.012 U
1,4-Dioxane (P-Dioxane)	NA	mg/kg	< 0.0021 U	< 0.0029 U	< 0.0027 U	< 0.0024 U
2,3,4,6-Tetrachlorophenol	NA	mg/kg	< 0.027 U	< 0.039 U	< 0.035 U	< 0.032 U
2,4,5-Trichlorophenol	NA	mg/kg	< 0.031 U	< 0.044 U	< 0.04 U	< 0.036 U
2,4,6-Trichlorophenol	NA	mg/kg	< 0.025 U	< 0.035 U	< 0.032 U	< 0.029 U
2,4-Dichlorophenol	NA	mg/kg	< 0.035 U	< 0.05 U	< 0.046 U	< 0.041 U

Table 5. Summary of Sediment COC Concentrations (August 2024)

Location ID Sample Name Parent Sample ID Sample Date			SD-01	SD-02	SD-02	SD-03
			518014-SED-1	518014-SED-02	518014-FD-SED	518014-SED-03
					518014-SED-02	
			8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC SGVs Class A (µg/kg)	Unit				
2,4-Dimethylphenol	NA	mg/kg	< 0.073 U	< 0.1 U	< 0.095 U	< 0.085 U
2,4-Dinitrophenol	NA	mg/kg	< 0.15 U	< 0.22 U	< 0.2 U	< 0.18 U
2,4-Dinitrotoluene	NA	mg/kg	< 0.013 U	< 0.018 U	< 0.017 U	< 0.015 U
2,6-Dinitrotoluene	NA	mg/kg	< 0.021 U	< 0.029 U	< 0.027 U	< 0.024 U
2-Chloronaphthalene	NA	mg/kg	< 0.0098 U	< 0.014 U	< 0.013 U	< 0.011 U
2-Chlorophenol	NA	mg/kg	< 0.02 U	< 0.029 U	< 0.026 U	< 0.024 U
2-Methylnaphthalene	NA	mg/kg	< 0.0093 U	< 0.013 U	< 0.012 U	< 0.011 U
2-Methylphenol (O-Cresol)	NA	mg/kg	< 0.026 U	< 0.037 U	< 0.034 U	< 0.031 U
2-Nitroaniline	NA	mg/kg	< 0.0097 U	< 0.014 U	< 0.013 U	< 0.011 U
2-Nitrophenol	NA	mg/kg	< 0.027 U	< 0.039 U	< 0.035 U	< 0.032 U
3,3'-Dichlorobenzidine	NA	mg/kg	< 0.034 U	< 0.049 U	< 0.045 U	< 0.04 U
3-Nitroaniline	NA	mg/kg	< 0.01 U	< 0.015 U	< 0.013 U	< 0.012 U
4,6-Dinitro-2-Methylphenol	NA	mg/kg	< 0.044 U	< 0.063 U	< 0.057 U	< 0.051 U
4-Bromophenyl Phenyl Ether	NA	mg/kg	< 0.016 U	< 0.023 U	< 0.021 U	< 0.018 U
4-Chloro-3-Methylphenol	NA	mg/kg	< 0.025 U	< 0.036 U	< 0.033 U	< 0.029 U
4-Chloroaniline	NA	mg/kg	< 0.015 U	< 0.021 U	< 0.019 U	< 0.017 U
4-Chlorophenyl Phenyl Ether	NA	mg/kg	< 0.013 U	< 0.019 U	< 0.017 U	< 0.016 U
4-Methylphenol (P-Cresol)	NA	mg/kg	< 0.034 U	< 0.048 U	< 0.044 U	< 0.039 U
4-Nitroaniline	NA	mg/kg	< 0.011 U	< 0.015 U	< 0.014 U	< 0.012 U
4-Nitrophenol	NA	mg/kg	< 0.11 U	< 0.16 U	< 0.14 U	< 0.13 U
Acenaphthene	NA	mg/kg	< 0.014 U	< 0.02 U	< 0.018 U	< 0.017 U
Acenaphthylene	NA	mg/kg	< 0.021 U	< 0.03 U	< 0.027 U	< 0.024 U
Acetophenone	NA	mg/kg	< 0.0089 U	< 0.013 U	< 0.012 U	< 0.01 U
Anthracene	NA	mg/kg	< 0.025 U	< 0.036 U	< 0.033 U	< 0.029 U
Atrazine	NA	mg/kg	< 0.018 U	< 0.025 U	< 0.023 U	< 0.021 U
Benzaldehyde	NA	mg/kg	< 0.01 U	< 0.015 U	< 0.013 U	< 0.012 U
Benzo(A)Anthracene	NA	mg/kg	0.019 J	< 0.017 U	0.01710 J	0.0422 J
Benzo(A)Pyrene	NA	mg/kg	< 0.019 U	< 0.027 U	< 0.024 U	0.0438 J
Benzo(B)Fluoranthene	NA	mg/kg	0.0235 J	< 0.026 U	< 0.024 U	0.0558
Benzo(G,H,I)Perylene	NA	mg/kg	< 0.021 U	< 0.029 U	< 0.027 U	0.0314 J
Benzo(K)Fluoranthene	NA	mg/kg	< 0.019 U	< 0.027 U	< 0.025 U	< 0.022 U
Benzoic Acid	NA	mg/kg	< 0.01 U	< 0.014 U	< 0.013 U	< 0.012 U
Benzyl Butyl Phthalate	NA	mg/kg	< 0.0056 U	< 0.0080 U	< 0.0073 U	< 0.0066 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NA	mg/kg	< 0.0088 U	< 0.013 U	< 0.011 U	< 0.01 U
Bis(2-Chloroethoxy) Methane	NA	mg/kg	< 0.018 U	< 0.025 U	< 0.023 U	< 0.021 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NA	mg/kg	< 0.015 U	< 0.021 U	< 0.019 U	< 0.017 U
Bis(2-Chloroisopropyl) Ether	NA	mg/kg	< 0.0096 U	< 0.014 U	0.0263 J	0.0196 J
Bis(2-Ethylhexyl) Phthalate	360000	mg/kg	< 0.016 U	< 0.023 U	< 0.021 U	< 0.019 U
Caprolactam	NA	mg/kg	< 0.0060 U	< 0.0085 U	< 0.0078 U	0.0077 J
Carbazole	NA	mg/kg	0.0132 J	< 0.018 U	0.017 J	0.0377 J
Chrysene	NA	mg/kg	< 0.018 U	< 0.026 U	< 0.024 U	< 0.021 U
Dibenz(A,H)Anthracene	NA	mg/kg	< 0.017 U	< 0.024 U	< 0.022 U	< 0.019 U

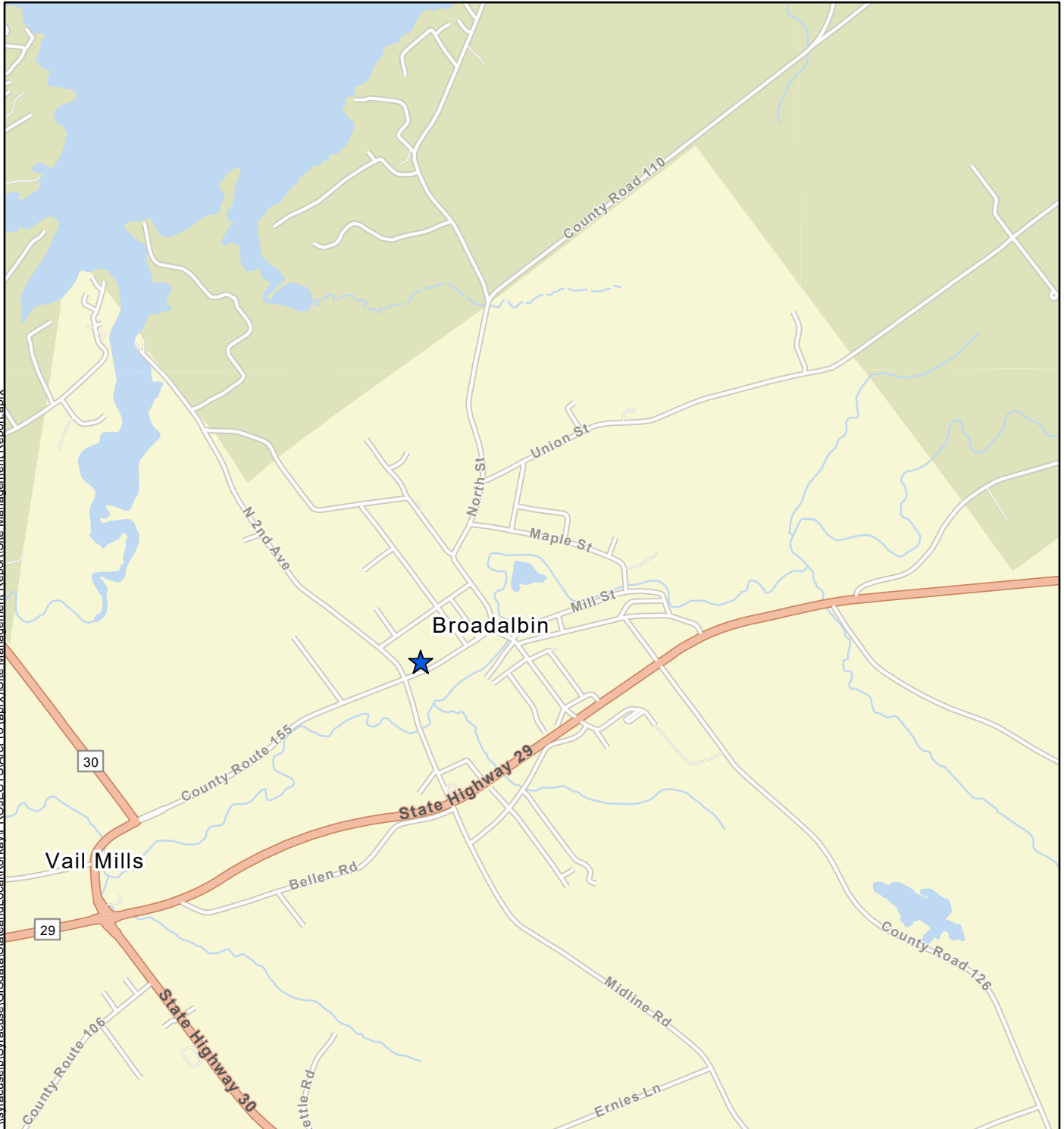
Table 5. Summary of Sediment COC Concentrations (August 2024)

			Location ID	SD-01	SD-02	SD-02	SD-03
			Sample Name	518014-SED-1	518014-SED-02	518014-FD-SED	518014-SED-03
			Parent Sample ID			518014-SED-02	
			Sample Date	8/8/2024	8/8/2024	8/8/2024	8/8/2024
Analyte	NYSDEC SGVs Class A (µg/kg)	Unit					
Dibenzofuran	NA	mg/kg	< 0.0088 U	< 0.012 U	< 0.011 U	< 0.01 U	
Diethyl Phthalate	NA	mg/kg	< 0.0073 U	< 0.01 U	< 0.0095 U	< 0.0085 U	
Dimethyl Phthalate	NA	mg/kg	< 0.0067 U	< 0.0096 U	< 0.0087 U	0.0078 J	
Di-N-Butyl Phthalate	NA	mg/kg	< 0.01 U	< 0.015 U	< 0.013 U	< 0.012 U	
Di-N-Octylphthalate	NA	mg/kg	0.0497	0.0271 J	0.0373 J	0.103	
Fluoranthene	NA	mg/kg	< 0.019 U	< 0.027 U	< 0.025 U	< 0.022 U	
Fluorene	NA	mg/kg	< 0.01 U	< 0.015 U	< 0.014 U	< 0.012 U	
Hexachlorobenzene	NA	mg/kg	< 0.017 U	< 0.024 U	< 0.022 U	< 0.019 U	
Hexachlorobutadiene	NA	mg/kg	< 0.016 U	< 0.023 U	< 0.021 U	< 0.019 U	
Hexachlorocyclopentadiene	810	mg/kg	< 0.02 U	< 0.029 U	< 0.027 U	< 0.024 U	
Hexachloroethane	NA	mg/kg	< 0.019 U	< 0.027 U	< 0.025 U	0.02290 J	
Indeno(1,2,3-C,D)Pyrene	NA	mg/kg	< 0.0088 U	< 0.013 U	< 0.011 U	< 0.01 U	
Isophorone	NA	mg/kg	< 0.012 U	< 0.017 U	< 0.015 U	< 0.014 U	
Naphthalene	NA	mg/kg	< 0.016 U	< 0.023 U	< 0.021 U	< 0.018 U	
Nitrobenzene	NA	mg/kg	< 0.012 U	< 0.017 U	< 0.015 U	< 0.014 U	
N-Nitrosodi-N-Propylamine	NA	mg/kg	< 0.015 U	< 0.021 U	< 0.02 U	< 0.018 U	
N-Nitrosodiphenylamine	NA	mg/kg	< 0.039 U	< 0.055 U	< 0.05 U	< 0.045 U	
Pentachlorophenol	14000	mg/kg	0.0232 J	< 0.02 U	0.0193 J	0.0531	
Phenanthrene	NA	mg/kg	< 0.021 U	< 0.031 U	< 0.028 U	< 0.025 U	
Phenol	NA	mg/kg	0.0363 J	0.0196 J	0.0256 J	0.0751	
Pyrene	NA	mg/kg	< 0.079 U	< 0.085 U	0.16 J	0.22 J	

Notes:
U = Analyte not detected.
J = Concentration is estimated.
mg/kg = Milligram(s) per kilogram
ID = Identification
NYSDEC = New York State Department of Environmental Conservation
SVOC = Semivolatile organic compound
VOC = Volatile organic compound
TOC = Total organic carbon
SGVs = Sediment guidance values

Figures

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Legend

- ★ Site Location

0 1,000 2,000
Feet



Figure 1
Site Map
Korkay Inc.
Broadalbin, New York

Map Date: 10/9/2024
Projection: NAD 1983 (2011) State Plane New York East FIPS 3101 (US Feet)
Source: Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/
NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



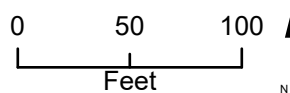
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Legend

- Site Boundary
- Fence Line
- Monitoring Well



Note: Location of MW-15S and MW-15D is approximate pending survey.



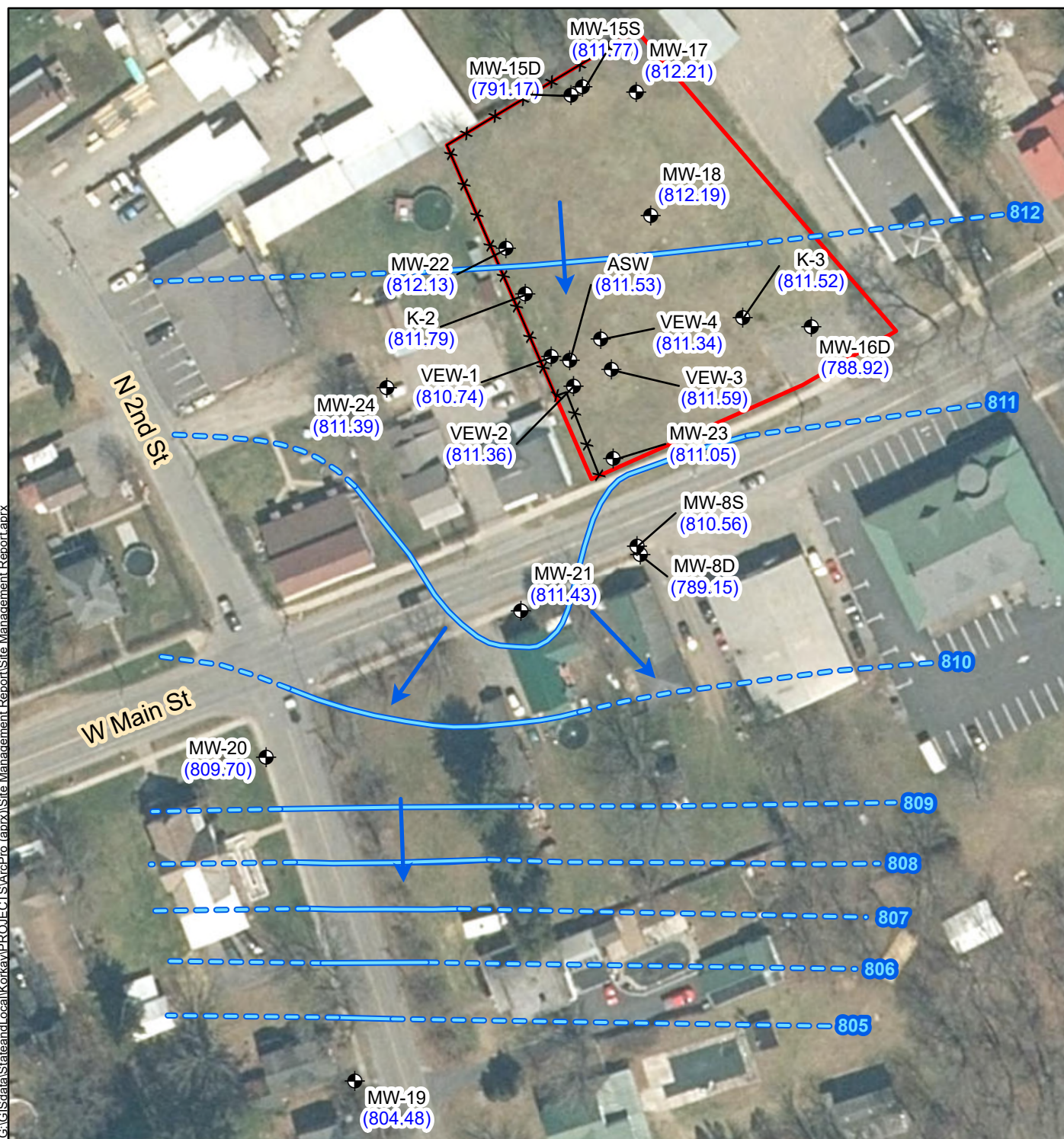
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Conservation



Figure 2 Site Layout

Korkay Inc.
Broadalbin, New York

Map Date: 4/18/2025
Projection: NAD 1983 (2011) State Plane
New York East FIPS 3101 (US Feet)
Source: New York State, Maxar, Microsoft



Legend

- Site Boundary
- Fence Line
- Monitoring Well
- Estimated Groundwater Elevation Contour (1 ft)
- Inferred Groundwater Elevation Contour (1 ft)
- Groundwater Flow Direction

Notes:

Groundwater Elevation contours presented in 1 foot intervals in Ft. AMSL.
 Groundwater elevations for deep monitoring wells (MW-8D, MW-15D, and MW-16D) not utilized in construction of contours.
 MW-15S and VEW-1 omitted as outliers.
 Ft. = feet; AMSL = above mean sea level
 Location of MW-15S and MW-15D is approximate.

0 50 100
Feet

Figure 3
Potentiometric Surface Contours
(August 2024)

Korkay Inc.
 Broadalbin, New York

Map Date: 4/18/2025
 Projection: NAD 1983 (2011) State Plane
 New York East FIPS 3101 (US Feet)
 Source: New York State, Maxar, Microsoft



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Legend

- Site Boundary
- Fence Line
- Surface Water/Sediment Sample Location

0 100 200
Feet

Figure 4 Surface Water and Sediment Sample Locations

Korkay Inc.
Broadalbin, New York

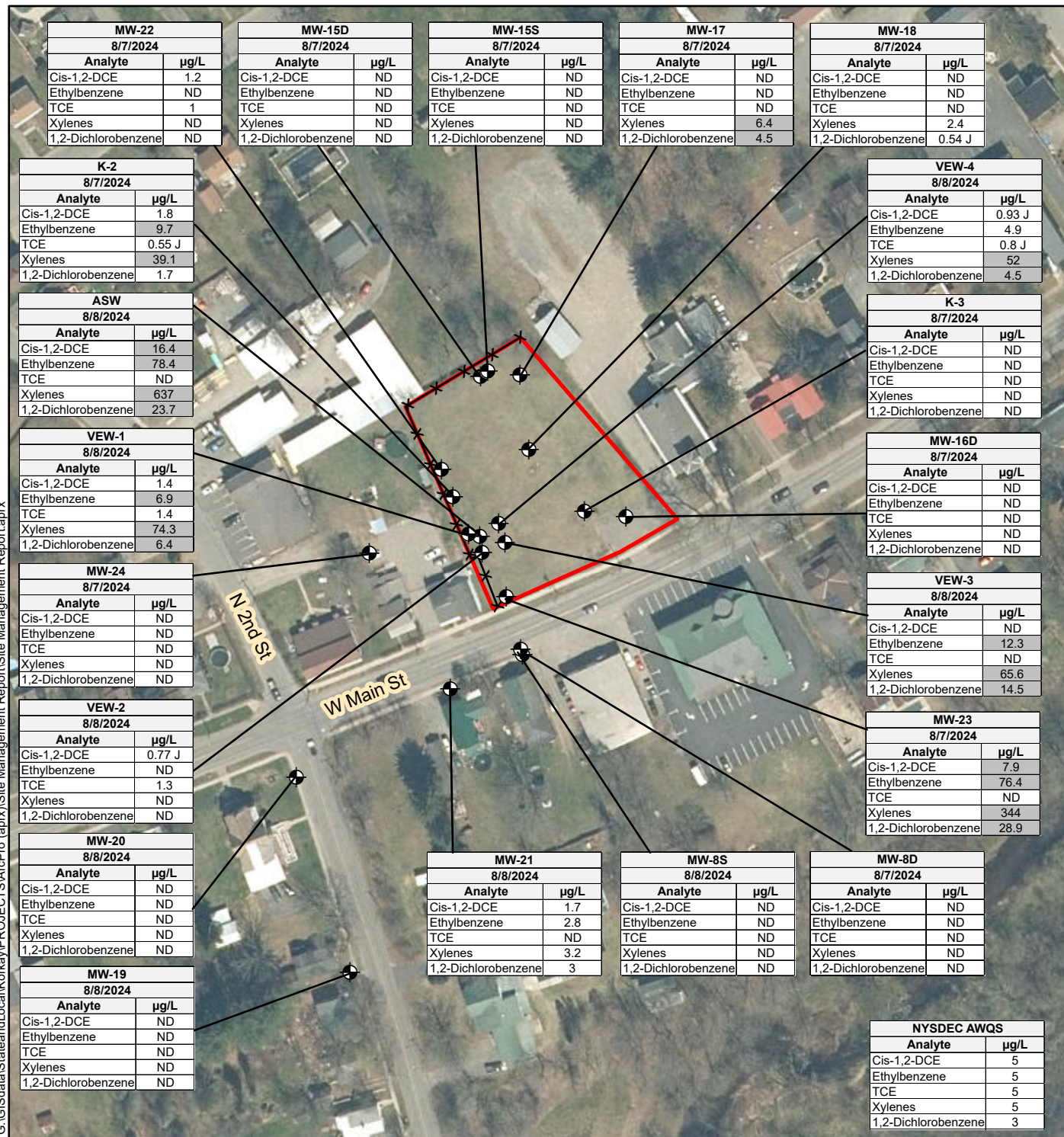
Map Date: 10/10/2024
Projection: NAD 1983 (2011) State Plane
New York East FIPS 3101 (US Feet)
Source: New York State, Maxar, Microsoft



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Legend

Site Boundary

Fence Line

Monitoring Well

Notes:

Concentrations above NYSDEC AWQS are shaded.

µg/L = micrograms per liter

AWQS = Ambient Water Quality Standards

DCE = Dichloroethylene

J = Detected but below the Reporting Limit; result is an estimated concentration.

ND = Not Detected

NYSDEC = New York State Department of Environmental Conservation

TCE = Trichloroethylene

Location of MW-15S and MW-15D is approximate pending survey.

Figure 5 Volatile Organic Compound Contaminants of Concern Analytical Results

Korkay Inc.

Broadalbin, New York

Map Date: 4/18/2025

Projection: NAD 1983 (2011) State Plane

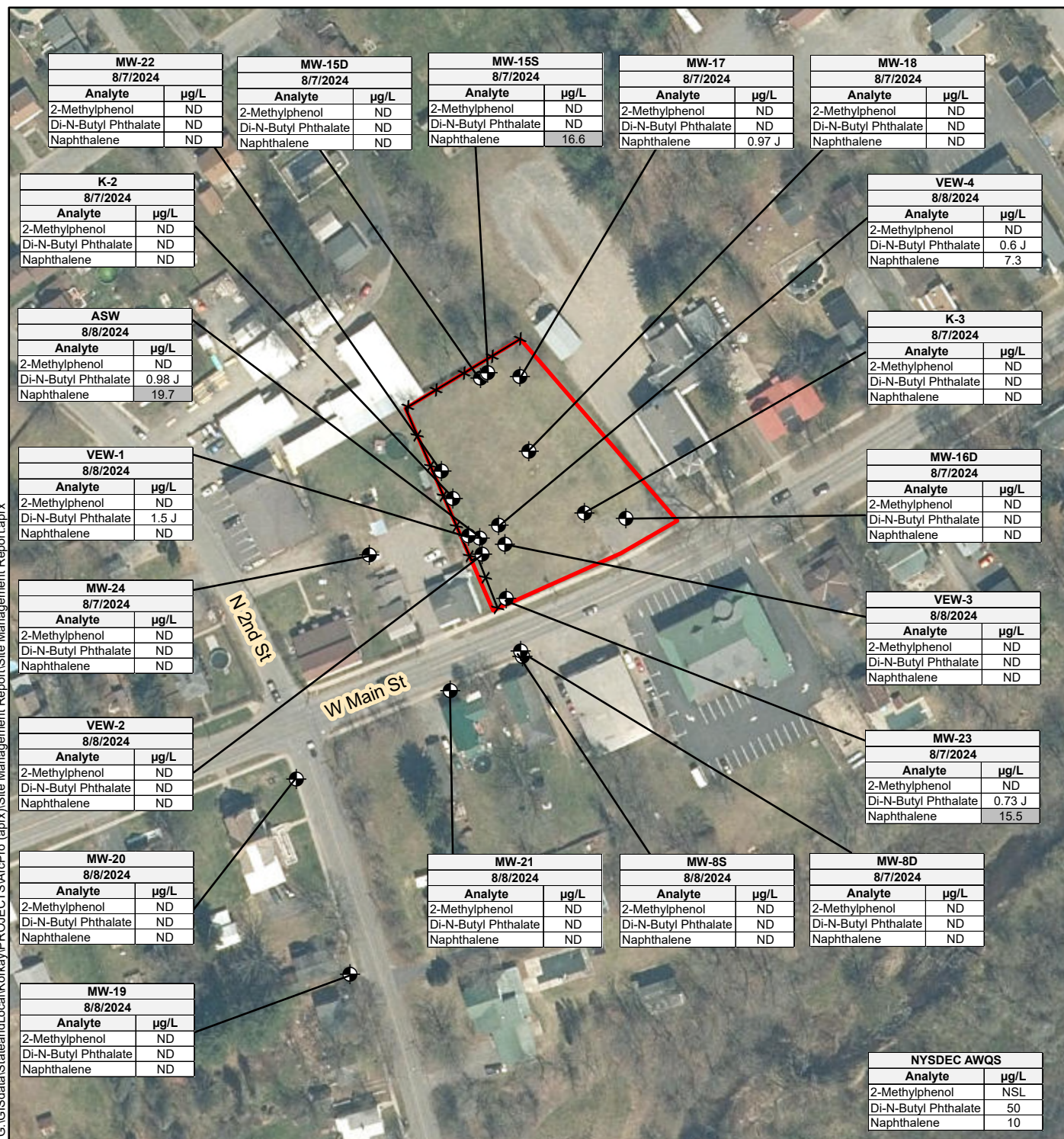
New York East FIPS 3101 (US Feet)

Source: New York State, Maxar, Microsoft



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Legend

Site Boundary

Fence Line

Monitoring Well

Notes:

Concentrations above NYSDEC AWQS are shaded.

µg/L = micrograms per liter

AWQS = Ambient Water Quality Standards

J = Detected but below the Reporting Limit; result is an estimated concentration.

ND = Not Detected

NSL = No Screening Level

NYSDEC = New York State Department of Environmental Conservation

Locations of MW-15S and MW-15D is approximate pending survey.

Figure 6 Semi-Volatile Organic Compound Contaminants of Concern Analytical Results

Korkay Inc.

Broadalbin, New York

Map Date: 4/18/2025

Projection: NAD 1983 (2011) State Plane

New York East FIPS 3101 (US Feet)

Source: New York State, Maxar, Microsoft

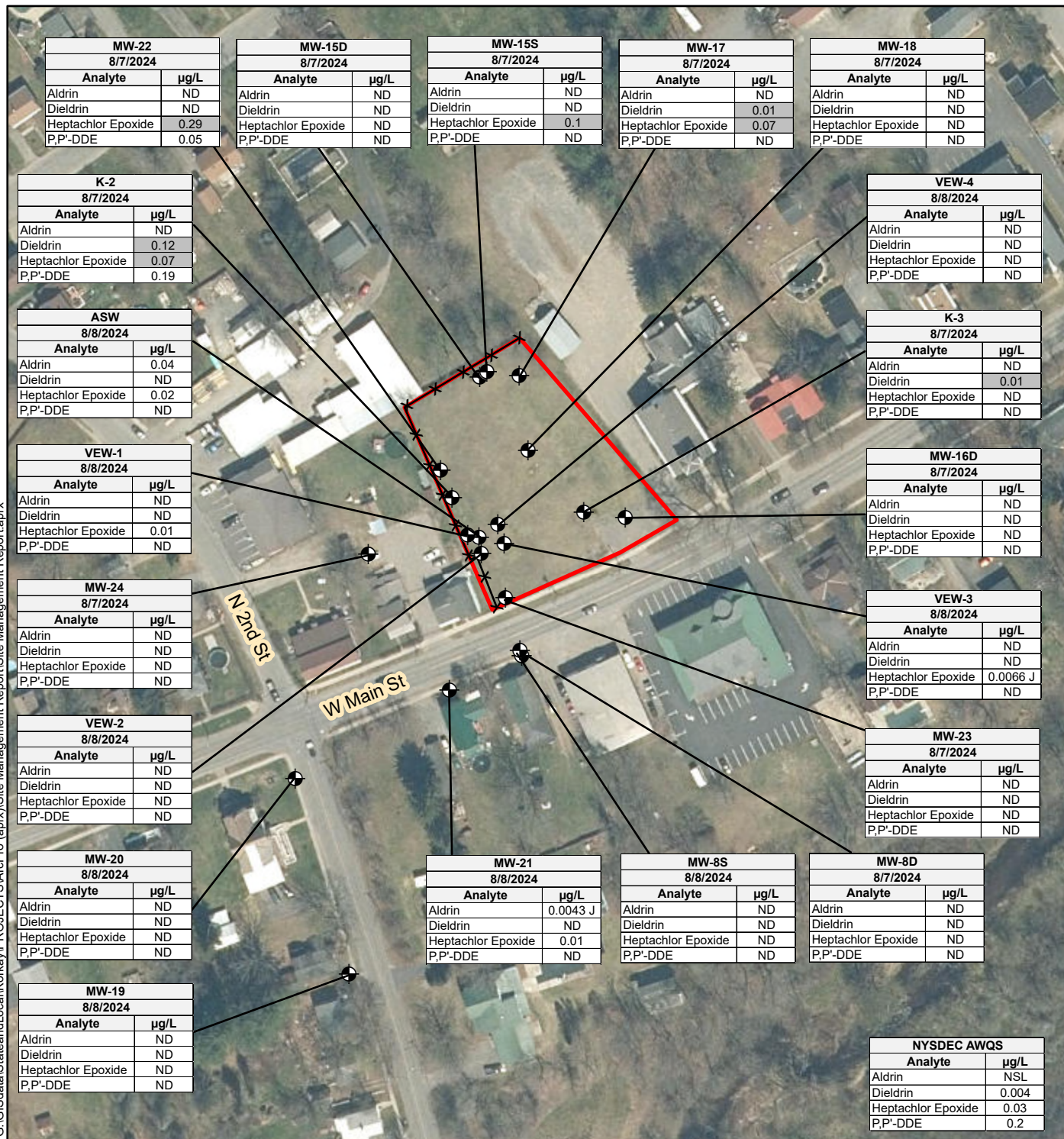


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0 50 100
Feet

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Legend

Site Boundary

Fence Line

Monitoring Well

Notes:

Concentrations above NYSDEC AWQS are shaded.

µg/L = micrograms per liter

AWQS = Ambient Water Quality Standards

J = Detected but below the Reporting Limit; result is an estimated concentration.

ND = Not Detected

NSL = No Screening Level

NYSDEC = New York State Department of Environmental Conservation

Location of MW-15S and MW-15D is approximate pending survey.

Figure 7 Pesticide Contaminants of Concern Analytical Results

Korkay Inc.
Broadalbin, New York

Map Date: 4/18/2025

Projection: NAD 1983 (2011) State Plane

New York East FIPS 3101 (US Feet)

Source: New York State, Maxar, Microsoft



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0 50 100
Feet

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Legend

Site Boundary

Fence Line

Monitoring Well

Notes:

Concentrations above NYSDEC AWQS are shaded.

AWQS = Ambient Water Quality Standards

J = Detected but below the Reporting Limit; result is an estimated concentration.

ND = Not Detected

ng/L = nanograms per liter

NYSDEC = New York State Department of

Environmental Conservation

PFOA = perfluorooctanoic acid

PFOS = perfluorooctanesulfonic acid

Location of MW-15S and MW-15D is approximate pending survey.

Figure 8 Per- and Polyfluoroalkyl Substances Analytical Results

Korkay Inc.
Broadalbin, New York

Map Date: 4/18/2025

Projection: NAD 1983 (2011) State Plane

New York East FIPS 3101 (US Feet)

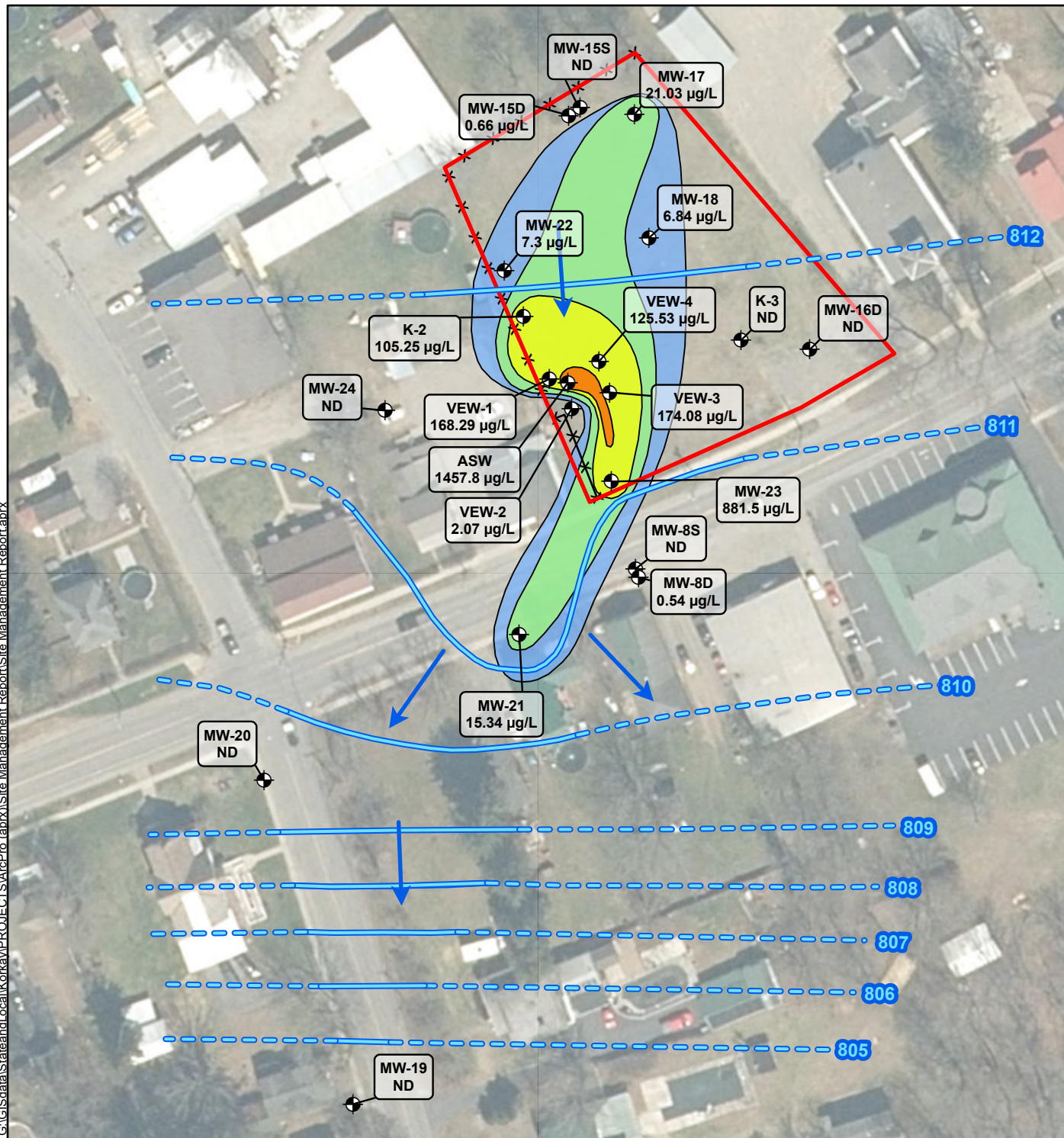
Source: New York State, Maxar, Microsoft



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Legend

- Monitoring Well
- Fence Line
- Site Boundary
- Groundwater Flow Direction
- Estimated Groundwater Elevation Contour (1 ft)
- Inferred Groundwater Elevation Contour (1 ft)

- Total VOC Concentration
- 5 ug/L to 10 ug/L
 - 10 ug/L to 100 ug/L
 - 100 ug/L to 1000 ug/L
 - > 1000 ug/L

Notes:
µg/L = micrograms per liter
ND = non-detect
VOC = volatile organic compound
Location of MW-15S and MW-15D is approximate pending survey.

Figure 9
Total VOC Isoconcentration
Korkay Inc.
Broadalbin, New York

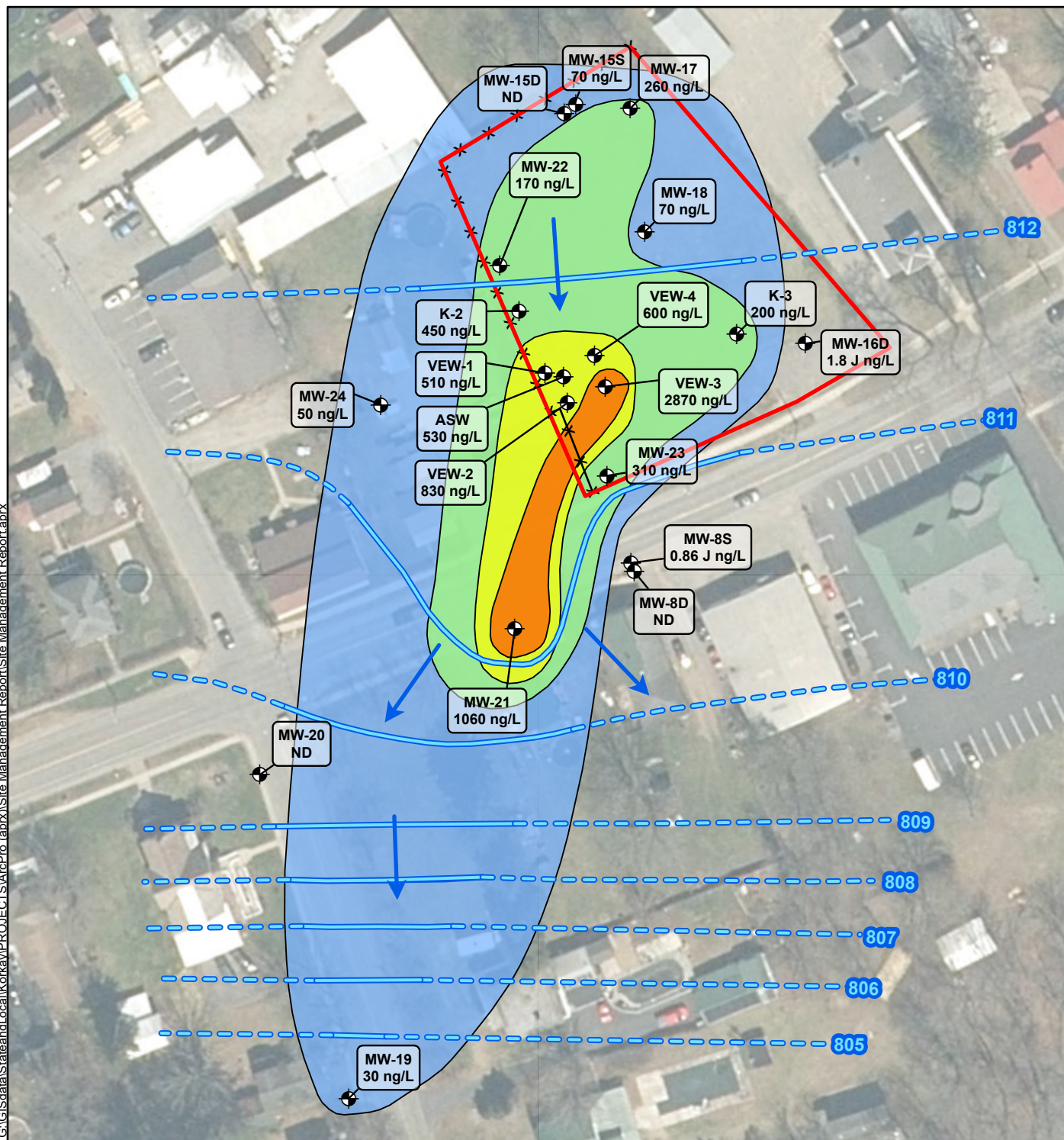
Map Date: 4/18/2025
Projection: NAD 1983 (2011) State Plane
New York East FIPS 3101 (US Feet)
Source: New York State, Maxar, Microsoft



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0 50 100
Feet



Legend

- Monitoring Well
- Fence Line
- Site Boundary
- Groundwater Flow Direction
- Estimated Groundwater Elevation Contour (1 ft)
- Inferred Groundwater Elevation Contour (1 ft)

Notes:
 ng/L = Nanograms per liter
 J = Detected but below the Reporting Limit; therefore, result is an estimated concentration.
 ND = non-detect
 PFOS = perfluorooctanesulfonic acid
 Location of MW-15S and MW-15D are approximate pending survey.

- PFOS Concentration**
- 2.7 ng/L to 100 ng/L
 - 100 ng/L to 500 ng/L
 - 500 ng/L to 1000 ng/L
 - > 1000 ng/L

0 50 100
Feet

Figure 10
PFOS Isoconcentration
 Korkay Inc.
 Broadalbin, New York

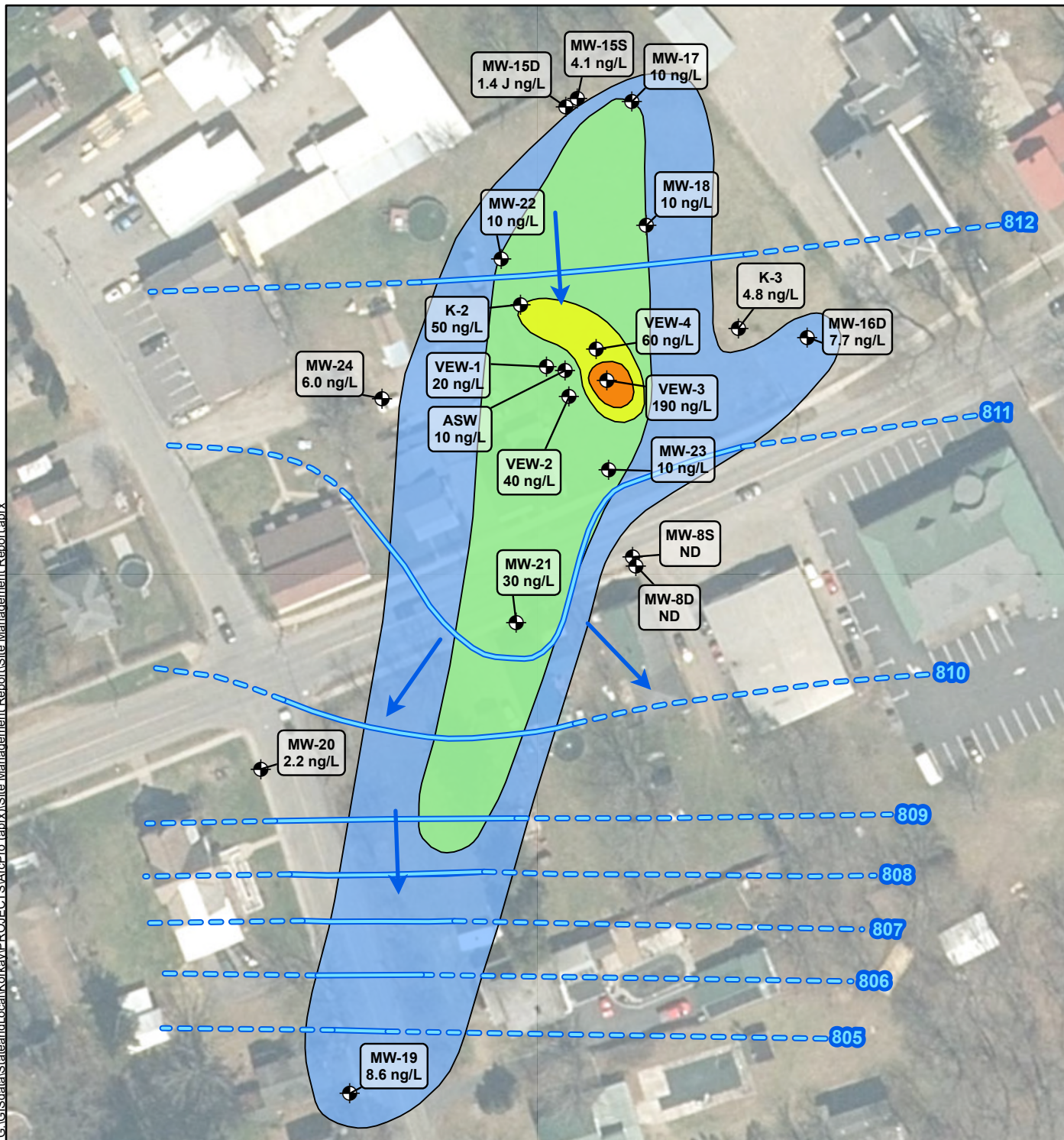
Map Date: 4/18/2025
 Projection: NAD 1983 (2011) State Plane
 New York East FIPS 3101 (US Feet)
 Source: New York State, Maxar, Microsoft



Department of
Environmental
Conservation



G:\GISdata\StateandLocal\Korkay\PROJECTS\ArcPro\aprx\Site Management Report\Site Management Report.aprx



Legend

- Monitoring Well
 - Groundwater Flow Direction
 - Estimated Groundwater Elevation Contour (1 ft)
 - Inferred Groundwater Elevation Contour (1 ft)
- PFOA Concentration**
- 6.7 ng/L to 10 ng/L
 - 10 ng/L to 50 ng/L
 - 50 ng/L to 100 ng/L
 - > 100 ng/L

Notes:

ng/L = Nanograms per liter
J = Detected but below the Reporting Limit; therefore, result is an estimated concentration.
ND = non-detect
PFOA = perfluorooctanoic acid
Locations of MW-15S and MW-15D are approximate pending survey.

Figure 11
PFOA Isoconcentration
Korkay Inc.
Broadalbin, New York

Map Date: 4/18/2025
Projection: NAD 1983 (2011) State Plane
New York East FIPS 3101 (US Feet)
Source: New York State, Maxar, Microsoft

0 50 100
Feet



Department of
Environmental
Conservation



Appendix A

Daily Field Reports

DAILY INSPECTION REPORT

(Korkay), Site No. 518014

Page 1 of 5
Date: 08/07/2024

NYSDEC Division of Environmental Remediation		 NEW YORK STATE		Department of Environmental Conservation		Contract No. D009806 DEC PM – J. Stefansky Engineer PM – J. Oliver Engineer Insp. – M. Gilkey	
Site Location: 70 West Main St. Broadalbin, NY 12025							
Weather Conditions							
General Description	Sun	AM	Sun and clear	PM			
Temperature	64 F	AM	72	PM			
Wind	NE 8 MPH	AM	NE 8 MPH	PM			
Health & Safety If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.							
Were there any changes to the Health & Safety Plan?					*Yes	No	NA
Were there any exceedances of the perimeter air monitoring reported on this date?					*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?					*Yes	No	NA
Health & Safety Comments Situational Awareness, traffic safety, tick and bug concerns							
Summary of Work Performed		Arrived at site:	0815	Departed Site:	1800		
(0815) M. Gilkey, A. Townsend, A. Faux. and L. Casey arrived on site. (0830) EA begins calibrating field equipment, Horibas and PIDs and J. Oliver (EA) onsite for property owner interactions. (0845) M. Gilkey provide safety briefing. (0935) EA begins purging wells and collects 11 parent samples, 1 MS/MSD sample, 1 field blank and 1 equipment blanks. EA collects samples from the following wells MW-18, MW-16D, MW-24, MW-15D, MW-17, MW-8D, K-3, MW-15S, MW-23, K-2, and MW-22. (1330) J. Oliver (EA) offsite after meeting with B. Hayes (property owner).							
Equipment/Material Tracking If any box below is checked “Yes”, provide explanation under “Material Tracking Comments”.							
Were there any vehicles which did not display proper D.O.T numbers and placards?					*Yes	No X	NA
Were there any vehicles which were not tarped?					* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?					* Yes	No	NA X
Personnel and Equipment							
Individual		Company		Trade		Total Hours	
Moriah Gilkey		EA		Engineer		9.75	
Amanda Townsend		EA		Engineer		9.75	
Liam Casey		EA		Scientist		9.75	
Alex Faux		EA		Geologist		9.75	
Equipment Description		Contractor/Vendor			Quantity	Used	
PID		Pine Environmental			2	2	
Peristatic Pump		Pine Environmental			2	2	
Horiba U-52		Pine Environmental			2	2	
Water Level Meter		Pine Environmental			2	2	
Bladder Pump		Pine Environmental			2	Y	
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)		Daily Loads	Daily Weight (tons)*
Equipment/Material Tracking Comments:							
Visitors to Site							
Name		Representing			Entered Exclusion/CRZ Zone		
					Yes		No
					Yes		No

DAILY INSPECTION REPORT
(Korkay), Site No. 518014

Page 2 of 5
Date: 08/07/2024

Site Representatives	
Name	Representing
Bill Simmons	72 West Main St, Broadalbin, NY
Josh Oliver	EA
Project Schedule Comments	
None.	
Issues Pending	
• None	
Interaction with Public, Property Owners, Media, etc.	
Interaction with property owner (Bill Hayes) about ongoing site concerns. J. Oliver to communicate concerns to NYSDEC.	



Include (insert) figures with markups showing location of work and job progress

Site Photographs (Descriptions Below)	
Site Inspector(s): M. Gilkey	
Date: 08/07/2024	

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A ☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A ☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A ☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A ☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A ☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A ☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A ☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A ☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A ☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A ☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A ☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A ☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A ☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A ☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A ☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A ☒

DAILY INSPECTION REPORT
(Korkay), Site No. 518014

Page 5 of 5
Date: 08/07/2024

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A ☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A ☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u> N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A ☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A ☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A ☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A ☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A ☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A ☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A ☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A ☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A ☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A ☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A ☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A ☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u> N/A			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT

(Korkay), Site No. 518014

Page 1 of 5
Date: 08/08/2024

NYSDEC Division of Environmental Remediation		 NEW YORK STATE		Department of Environmental Conservation		Contract No. D009806 DEC PM – J. Stefansky Engineer PM – J. Oliver Engineer Insp. – M. Gilkey	
Site Location: 70 West Main St. Broadalbin, NY 12025							
Weather Conditions							
General Description	Cloudy	AM	Rain	PM			
Temperature	64 F	AM	59	PM			
Wind	SW 5 MPH	AM	SW 10 MPH	PM			
Health & Safety If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.							
Were there any changes to the Health & Safety Plan?					*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?					*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?					*Yes	No X	NA
Health & Safety Comments Heavy traffic along West Street. Use caution and cones when sampling in right of ways.							
Summary of Work Performed		Arrived at site:		0700	Departed Site:		1445
(0700) M. Gilkey, A. Townsend, Al. Faux, and L. Casey arrive on site (0725). EA begins calibrating field equipment, Horibas and PIDs (0730). M. Gilkey provide safety briefing (0750). EA begins purging remaining wells and collects 9 parent samples; EA collect samples from the following VEW-2, MW-8S, MW-21, ASW, VEW-1, VEW-3, VEW-4, MW-20, and MW-19. (1200) EA began a site wide gauging event. (1230) EA collected SW-03/SD-03 with MS/MSD for surface water and sediment. (1340) EA collected SW-02/SED-02 with field duplicate for sediment and surface water. (1400) EA collected SW-03/SED-03. (1445) EA offsite.							
Equipment/Material Tracking If any box below is checked “Yes”, provide explanation under “Material Tracking Comments”.							
Were there any vehicles which did not display proper D.O.T numbers and placards?					*Yes	No X	NA
Were there any vehicles which were not tarped?					* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?					* Yes	No	NA X
Personnel and Equipment							
Individual		Company		Trade		Total Hours	
Moriah Gilkey		EA		Engineer		7.75	
Amanda Townsend		EA		Engineer		7.75	
Alex Faux		EA		Geologist		7.75	
Liam Casey		EA		Scientist		7.75	
Equipment Description		Contractor/Vendor			Quantity	Used	
PID		Pine Environmental			2	2	
Peristatic Pump		Pine Environmental			2	2	
Horiba U-52		Pine Environmental			2	2	
Water Level Meter		Pine Environmental			2	2	
QED Bladder		Pine Environmental			1	1	
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)		Daily Loads	Daily Weight (tons)*
Equipment/Material Tracking Comments:							
Visitors to Site							
Name		Representing			Entered Exclusion/CRZ Zone		
					Yes		No
					Yes		No

DAILY INSPECTION REPORT
(Korkay), Site No. 518014

Page 2 of 5
Date: 08/08/2024

Site Representatives	
Name	Representing
None	
Project Schedule Comments	
None.	
Issues Pending	
• None	
Interaction with Public, Property Owners, Media, etc.	
None	



Include (insert) figures with markups showing location of work and job progress

[illegible]

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A ☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A ☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A ☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A ☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A ☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A ☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A ☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A ☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A ☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A ☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A ☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A ☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A ☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A ☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A ☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A ☒



DAILY INSPECTION REPORT
(Korkay), Site No. 518014

Page 5 of 5
Date: 08/08/2024

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A ☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A ☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u> N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A ☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A ☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A ☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A ☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A ☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A ☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A ☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A ☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A ☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A ☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A ☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A ☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u> N/A			

* BART – Best Available Retrofit Technology

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Appendix B

Field Forms



Horiba Calibration

CALIBRATION

DATE	08-07-2024
TIME	08:39 (-4 GMT)
METER ID	44234

pH CALIBRATION

pH STANDARD	4.0
INITIAL READING	5.4
FINAL READING	4.0

CONDUCTIVITY CALIBRATION

CONDUCTIVITY STANDARD	4.49
STANDARD READING	6.00
FINAL READING	4.40

TURBIDITY CALIBRATION

STANDARD	0
INITIAL READING	1.2
FINAL READING	0

COMMENTS

COMMENTS	
----------	--

SIGNATURE

SIGNATURE	A handwritten signature in black ink, appearing to be 'mgilkey', is written over a large rectangular area.
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Horiba Calibration

CALIBRATION

DATE	08-07-2024
TIME	08:31 (-4 GMT)
METER ID	213184

pH CALIBRATION

pH STANDARD	4.0
INITIAL READING	4.1
FINAL READING	4.0

CONDUCTIVITY CALIBRATION

CONDUCTIVITY STANDARD	4.49
STANDARD READING	4.55
FINAL READING	4.49

TURBIDITY CALIBRATION

STANDARD	0
INITIAL READING	3.4
FINAL READING	0.0

COMMENTS

COMMENTS	
----------	--

SIGNATURE

SIGNATURE	A handwritten signature in black ink, appearing to be 'Ami Lu', is written over a large rectangular area.
-----------	---



Calibration and Tracking Log

Main

Date	08-07-2024
Site	Korkay (518014)

Readings

Time	08:25 (-4 GMT)
Standard Type and Value	Isobutylene 100ppm
Meter Reading Prior to Calibration	0.0000
Meter Reading after Calibration	100.1000
Comments	MiniRae PID 051211 - units ppm
Initials	MRG

Readings (1)

Time	08:37 (-4 GMT)
Standard Type and Value	Fresh air Cal (zero cal)
Meter Reading Prior to Calibration	0.0000
Meter Reading after Calibration	0.0000
Comments	Mini Rae 051211 -units ppm
Initials	MRG



Horiba Calibration

CALIBRATION

DATE	08-08-2024
TIME	07:28 (-4 GMT)
METER ID	213184

pH CALIBRATION

pH STANDARD	4.0
INITIAL READING	4.2
FINAL READING	3.9

CONDUCTIVITY CALIBRATION

CONDUCTIVITY STANDARD	4.53
STANDARD READING	4.53
FINAL READING	4.49

TURBIDITY CALIBRATION

STANDARD	0.0
INITIAL READING	3.5
FINAL READING	0.0

COMMENTS

COMMENTS	
----------	--

SIGNATURE

SIGNATURE	A handwritten signature in black ink, appearing to read 'Alex Saxe', is written over a light gray background.
-----------	---

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

FED-EX Tracking #

Bottle Order Control #

SGS Quote #

SGS Job #	
-----------	--

[illegible]

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Page 2 of

FED-EX Tracking #

Bottle Order Control #

SGS Quote #

	SGS Job #
--	-----------

[illegible]

SGS North America Inc. - Dayton

2235 Route 130, Dayton, NJ 08810

TEL. 732-329-0200

www.sqs.com/ehsusa

FED-EX Tracking #

Bottle Order Control #

SGS Quote #

	SGS Job #
--	-----------

[illegible]

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

One of two coolers

Page 1 of 3

FED-EX Tracking #	Bottle Order Control #
SGS Quote #	SGS Job #

[illegible]

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

FED-EX Tracking #

Bottle Order Control #

SGS Quote #

	SGS Job #
--	-----------

[illegible]

[illegible]



EA Engineering, P.C. and Its Affiliate
EA Science and Technology

SEDIMENT SAMPLE LOG

Coordinates: Northing: Easting:
Surface Water Elevation:
Reference Elevation:
Reference Description:

Job. No. 518014 Client: NYSDEC
Project: Korkay, Inc. 1602534.0011

Location
SD-01

Sampling Location Description:

~3ft of sand bank

Sample Location ID:
SD-01

Sheet 1 of 1

Sample Method: Grab

Depth of Water Body: ~4ft @ center

Width of Water Body: ~20ft

Water Body Location

Sampling Date/Time

Start

Finish

DATE 8/8

DATE 8/8

TIME 1400

TIME 1400

Surface Conditions:

Weather: 59°F; Rain

Description of Sediment

Water Quality Parameters							
Time	pH	Cond.	Turb.	DO	Temp	ORP	
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	
1400	6.91	0.202	10.4	7.97	15.90	-110	

Sandy silt w/ gravel

Total Quantity of Water Removed (gal):

Samplers: M. Gulkey / D. Townsend
Sampling Date: 08/08/24

Sampling Time: 1400

Split Sample With:

Sample Type: Grab



EA Engineering, P.C. and Its Affiliate
EA Science and Technology

SEDIMENT SAMPLE LOG

Coordinates: _____ Northing: _____ Easting: _____
Surface Water Elevation: _____
Reference Elevation: _____
Reference Description: _____

Job. No. 518014 Client: NYSDEC
Project: Korkay, Inc. 1602534.0011

Location

SD-02

Sampling Location Description:

Sample Location ID:

SD-02

Sheet 1 of 1

Sample Method: Grab

Depth of Water Body: ~6 ft center

Sampling Date/Time

Width of Water Body: ~15-20 ft

Start

Finish

Water Body Location

DATE 8/8

DATE 8/8

TIME 1340

TIME 1340

Water Quality Parameters

Time (hrs)	pH (pH units)	Cond. (mS/cm)	Turb. (ntu)	DO (mg/L)	Temp (°C)	ORP (mV)
---------------	------------------	------------------	----------------	--------------	--------------	-------------

Surface Conditions:

Weather:

Description of Sediment

1340	7.52	0.193	15.3	6.62	16.82	-112

silt/clay like soil w/ some gravel

Total Quantity of Water Removed (gal): _____

Samplers: M. Galka / A. Townsend

Sampling Date: 08/08/2024

Sampling Time: 1340

Split Sample With: ED-SD

Sample Type: Grab



EA Engineering, P.C. and Its Affiliate
EA Science and Technology

SEDIMENT SAMPLE LOG

Coordinates: _____ Northing: _____ Easting: _____
Surface Water Elevation: _____
Reference Elevation: _____
Reference Description: _____

Job. No. 518014 Client: NYSDEC
Project: Korkay, Inc. 1602534.0011

Location

SD-03

Sample Location ID:

SD-03

Sheet 1 of 1

Sampling Location Description:

N bank / SW of bridge

Sample Method: Grab

Depth of Water Body: ~5 ft center

Width of Water Body: ~30 ft

Water Body Location

SW of bridge

Sampling Date/Time

Start

Finish

DATE 8/8

DATE 8/8

TIME 1230

TIME 1300

Surface Conditions:

Weather: Heavy Rain; 59F

Description of Sediment

Water Quality Parameters						
Time (hrs)	pH (pH units)	Cond. (mS/cm)	Turb. (ntu)	DO (mg/L)	Temp (°C)	ORP (mV)

1230	7.71	0.184	24.6	4.60	18.77	-124

silty sand w/ some organic matter

Total Quantity of Water Removed (gal):

Samplers:

Sampling Date:

M. GILKIN / A. TOWNSEND

8/8/2014

Sampling Time:

Split Sample With:

Sample Type:

1230

MS/MSD

Grab



EA Engineering, P.C. and Its Affiliate
EA Science and Technology

SURFACE WATER SAMPLE LOG

Coordinates:

Northing:

Easting:

Surface Water Elevation:

Reference Elevation:

Reference Description:

Job No.
518014

Client: NYSDEC
Project: Korkay, Inc. 1602534.0011

Location

SW-31

Sampling Location Description:

Sample Location ID:

SW-31

North most point to sample
Sample Method: Grab

Sheet 1 of 1

Depth of Water Body: ~4 ft @ center

Width of Water Body: ~20 ft

Water Body Location

Sampling Date/Time

Start

Finish

DATE 08/08

DATE 08/08

TIME 1400

TIME 1400

Surface Conditions: Clean

Weather: Rain; 59 F

Description of Surface Water

Water Quality Parameters							
Time (hrs)	pH (pH units)	Cond. (mS/cm)	Turb. (ntu)	DO (mg/L)	Temp (°C)	ORP (mV)	

1400	6.91	0.202	10.4	7.97	15.90	-110	

Clear / calm

Total Quantity of Water Removed (gal):

Samplers:

Sampling Date:

M. G. Key Jr. - Townsend
08/08/14

Sampling Time:

Split Sample With:

Sample Type:

1400

Grab



EA Engineering, P.C. and Its Affiliate
EA Science and Technology

SURFACE WATER SAMPLE LOG

Coordinates:

Northings:

Easting:

Surface Water Elevation:

Reference Elevation:

Reference Description:

Job. No.
518014

Client: NYSDEC
Project: Korkay, Inc. 1602534.0011

Location

SW-02

Sampling Location Description:

band of creek behind hotel

Sample Method: Grab

Depth of Water Body: ~6ft in center

Width of Water Body: ~15-20ft

Water Body Location

Sample Location ID:

SW-02

Sheet 1 of 1

Sampling Date/Time

Start

Finish

DATE 08/08

DATE 08/08

TIME 1340

TIME 1355

Water Quality Parameters

Time (hrs)	pH (pH units)	Cond. (mS/cm)	Turb. (ntu)	DO (mg/L)	Temp (°C)	ORP (mV)
1340	7.52	0.193	15.3	6.62	16.82	-112

Surface Conditions: Clear

Weather: Rain 59°F

Description of Surface Water

mostly clear

Total Quantity of Water Removed (gal):

Samplers:

Sampling Date:

m. Gulkey / D. Townsend
08/08/14

Sampling Time:

Split Sample With:

Sample Type:

1340

FD-SW

Grab



EA Engineering, P.C. and Its Affiliate
EA Science and Technology

SURFACE WATER SAMPLE LOG

Coordinates: _____ Northing: _____ Easting: _____
Surface Water Elevation: _____
Reference Elevation: _____
Reference Description: _____

Job. No. 518014 Client: NYSDEC
Project: Korkay, Inc. 1602534.0011

Location
SW-03

Sampling Location Description:

~3ft from bank

Sample Method: Grab

Depth of Water Body: ~5ft in center

Width of Water Body: ~30ft

Water Body Location

SW of bridge

Surface Conditions: OK; Rain on River

Weather: Heavy Rain; 59°F

Description of Surface Water

Sample Location ID:

SW-03

Sheet 1 of 1

Sampling Date/Time

Start

Finish

DATE 8/8

DATE 8/8

TIME 1230

TIME 1300

Water Quality Parameters

Time (hrs)	pH (pH units)	Cond. (mS/cm)	Turb. (ntu)	DO (mg/L)	Temp (°C)	ORP (mV)
1230	7.71	0.184	24.6	8.60	18.77	-124

Turbid; leaves

Total Quantity of Water Removed (gal): _____

Samplers: M. Gilkey / A. Townsend
Sampling Date: 08/08/24

Sampling Time: 1230

Split Sample With: MS/MSD

Sample Type: Grab