

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8

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February 23, 2024

Nancy Grosso
DuPont Corporate Remediation Group
Chestnut Run Plaza 730/3225-4, P.O. Box 2915
974 Centre Road
Wilmington, DE 19805

Re: Test Pit Work Plan
E.I. Du Pont de Nemours and Company
Site N°: C828142
Rochester (C), Monroe (C)

Dear Nancy Grosso:

The New York State Department of Environmental Conservation (Department) and New York State Department of Health (NYSDOH) has completed their review of the Test Pit Work Plan (Work Plan) dated January 26, 2024, for the E.I. Du Pont de Nemours and Company Site (Site) located at 666 Driving Park Avenue, Rochester, New York. Based on the information presented in the Work Plan, the Work Plan is conditionally approved based on the clarifications and modifications as presented below.

1. The Department understands that the objective of the fieldwork activities is to vertically and horizontally delineate the extent of broken asphalt and stone subbase at the Site. The Department understands that the native soils and soil material in the 0–1 foot interval of the Site are not being considered for use as cover material at this time. If DuPont Corporate Remediation Group proposes to use native soil and/or soil material currently within the 0–1 foot interval of the Site as cover material, then analytical sampling of that soil would be required. A work plan would need to be submitted for review and approval by the Department and NYSDOH. The work plan would need to meet the minimum requirements of the Department's draft Soil Screening guidance (see attached) and DER-10.
2. The Department understands that a site utility stakeout (UDIG NY or equivalent) will be completed prior to any ground intrusive activities at the site.
3. The Department understands that a qualified environmental professional (QEP) as defined in 6 NYCRR Part 375, a Professional Engineer (P.E.) who is licensed and registered in NYS, or a qualified person who reports directly to the P.E. who is licensed and registered in NYS will be on-site for all excavation activities including but not limited to the movement of soil/fill material and, if applicable, export and/or import activities.



Department of
Environmental
Conservation

4. The Department understands that work will be performed in compliance with 29 Code of Federal Regulation (CFR) 1910.120 and with the City of Rochester's ordinances for noise and hours of operation for construction activities.
5. The Department understands that the Community Air Monitoring Plan (CAMP) submitted February 5, 2024, and is attached to this letter supersedes the CAMP presented in the Work Plan and will be implemented at the Site for all ground intrusive activities.
6. The Special CAMP is required if workers (those not involved in the excavation activities), or members of the public are within 20-feet of the ground intrusive activity. The Department understands that the Special CAMP will be implemented as needed during the test pit fieldwork activities. A copy of the Special CAMP is attached for your convenience.
7. The Department understands that a table of the CAMP readings, along with a figure of where the work was done, exceedances (if applicable) wind direction and CAMP station locations, will be sent to Department and NYSDOH project managers at the end of each working day.
8. The Department understands that the soil will be placed on a minimum of 12-mil poly sheeting and will be covered to prevent precipitation and erosion issues.
9. The Department understands that all excavations remaining open at the end of the workday will be secured.
10. The Department understands that excavations will not exceed 3-feet in depth and test pit's soil will be placed back into their respected test pit following the last out, first in procedure.
11. The Department understands that soil screening methods at all the test pits will include visual, olfactory, and instrument-based measurements using a photoionization detector (PID). The Department understands that a test pit log will be generated for each test pit completed. The test pit log will document the depth and type of fill material encountered as well as visual, olfactory, and PID readings. The Department understands that a qualified environmental professional (QEP) per Part 375 and DER-10 or a qualified individual who is a direct report to the QEP will complete the test pit logs.
12. The Department understands that all equipment arriving at the Site will be decontaminated. The Department understands that a decon pad/area will be established at the Site. All material generated as part of the decon activities will be disposed off-site at a permitted facility in accordance with all applicable local, State, and Federal regulations. The Department understands that no decon fluids will be discharged to the Site's surface.

13. The owner of the property, remedial party (if applicable), and its contractors are responsible for the adherence and safe execution of all ground intrusive/other work performed under this work plan.
14. The Department understand that the Health and Safety Plan in the Proposed Test Pit Work Plan, Attachment 3, submitted on January 26, 2024, will be adhered to during the field work activities.
15. The Department understand that all on-site workers will be 40-hour HAZWOPER trained and will have current 8-hour refresher certifications. Certificates will be made available upon request of the Department and/or NYSDOH.
16. The Department understands that within 30-days following the completion of the field work activities a Test Pit Report will be submitted to the Department and the NYSDOH. The report will meet DER-10 Section 5.8 and will include all supporting documentation such as but not limited to test pit logs, CAMP data and figures, waste disposal documentation, field book pages.
17. The Department must be notified with a minimum of a 7-day advance notice for any field work to be conduct on-site as per the Brownfield Cleanup Agreement so that Department oversight can be provided. The notification must include an anticipated start day and time for the site's field work.
18. The Department's conditional approval of the Work Plan does not extend to the December 2021 Soil Sampling Summary completed by Parsons included as Attachment 1 of the Work Plan. The December 2021 was completed without a Department and NYSDOH approved work plan and did not have Department oversight. Any work completed under the Brownfield Cleanup Program without Department and NYSDOH approved work plan is at the Applicant's own risk and does not have to be accepted by the Department.

Within fifteen (15) days of the date of this letter and prior to any fieldwork activities associated with remedy implementation, the Applicant must elect in writing (electronic notification is acceptable) one of the following options:

- Option A: Accept the modified work plan;
- Option B: Invoke dispute resolution as set forth in 6 NYCRR Part 35-1.5(b)(2); or
- Option C: Terminate the Brownfield Cleanup Agreement in accordance with 6 NYCRR Part 375-3.5.

If the Applicant chooses to accept Option A then this letter becomes part of the approved Test Pit Work Plan (Work Plan) dated February 23, 2024. Also, if Option A is chosen then a copy of the approved Test Pit Work Plan dated February 23, 2024, along with this letter attached must be placed in the document repository within 1-week of

accepting Option A and prior to any fieldwork activities associated with remedy implementation. Please provide notification to the Department that the Test Pit Work Plan dated February 23, 2024, and a copy of this letter have been placed in the document repository (electronic notification is acceptable).

The State seeks to resolve the outstanding differences in a mutually agreeable manner, which addresses the requirements of the Brownfield Cleanup Agreement and associated Site plans. If you have any questions or concerns regarding this letter or need further assistance with the Site, please feel free to contact me at: Joshua.Ramsey@dec.ny.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Joshua J. Ramsey". The signature is fluid and cursive, with the first name "Joshua" being more prominent.

Joshua J. Ramsey
Project Manager

cc:

David Giordano (Steel Safe Storage)
Brian FitzPatrick (Synergy)
Emily Dallas (Synergy)
Starr O'Neil (MCHD)
Justin Deming (NYSDOH)
Julia Kenney (NYSDOH)
David Pratt (NYSDEC)
Charlotte Theobald (NYSDEC)

Issue

DER generally discourages defining a site to include areas of a property where disposal did not take place, where there is no reason to believe that soil contamination is present and no reason that investigation of other areas of concern would extend into the area. **Whenever possible, areas of a property with these conditions should not be included in the original site definition and existing site boundaries should be re-defined to exclude these areas.** If we cannot re-define the site (e.g., a RCRA facility or a Brownfield Cleanup Program “BCP” site where the Applicant defines the site boundaries), these areas must be screened to determine if the area requires remediation. This guidance presents a method for determining a reasonable number of samples needed to screen the areas of a property that are not expected to be contaminated and are outside the investigation limits for areas of concern.

The depth of soil sampling takes into account land use categories and the reasonably anticipated future use of a site. Consideration is also given to local zoning. In this guide, sampling is focused to the top one foot of soil for commercial or industrial use properties and to the top two feet of soil for residential use properties. Although not addressed in this guide, there will be times, regardless of the intended land use, when deeper soil will need to be screened in order to make remedial decisions. **If only the upper foot or two of soil is evaluated, the site would need to have an institutional control and a site management plan.**

Project managers will generally need to assess the top one foot of soil for properties that are zoned for commercial or industrial use and the top two feet of soil for properties that are zoned for residential use. When the deeper soil needs to be screened (e.g., Track 1 BCP sites), a conceptual site model approach should be used to determine locations for these deeper soil samples, since they require excavation or drilling equipment, and are therefore much more expensive to collect. If subsurface soils are not thoroughly screened, an institutional control may be required.

DER generally follows the conceptual site model approach for investigation of sites: find the source, understand how it has migrated, define the extent of migration, and verify the accuracy of the model. However, for screening purposes, a grid may be most appropriate.

Applicability

- This guidance applies to
 - BCP Sites where a site-conceptual model approach does not result in full characterization of a portion of the site.
 - Superfund sites and off-site areas where we need to positively assert that the remedy is protective and where a site-conceptual model approach does not result in full characterization of the area in question.
- This guidance does not apply to Class P or PR sites.
- This guidance does not apply to spills or Federal-lead sites.
- For radiological sites, MARSSIM characterization approach should be used and the Radiological Sites Section should be consulted.

Procedures

Determine applicability - The investigation of the site should typically have included techniques such as the review of historical aerial photos and Sanborn maps, looking for distressed vegetation, staining and other obvious signs of potential disposal, or a Phase I or II or Site Characterization to identify areas of concern. Any areas of concern would be addressed as part of the typical investigation using DER-10 and the Sampling Guidelines and Protocols guidance, not under the procedures in this guidance.

In unremarkable areas (i.e., the large and presumed uncontaminated areas), samples should be evenly distributed geographically. Each location should be sampled vertically in the following ranges below ground surface:

- * For inorganic and semi-volatile organic chemicals: composite samples collected from two depths, 0"-2" and 2"-12" (commercial or industrial use); or from three depths, 0"-2", 2"-12" and 12"-24" (residential or restricted residential)
- * For volatile organic chemicals: one grab sample collected from 2"- 6" (commercial or industrial use); or from 2"-6" and 12"-24" (residential or restricted residential use). Based on DER's experience, the 0-2" sample depth is more likely to give a false negative, and under-represent the potential impacts associated with site related contamination.

Table 1. Number of Samples to Screen an Area

Very small areas	One sample per 900 square feet at each depth (compositing of non-volatiles considered on a site specific basis)					
Acres	Commercial/Industrial			Residential/Unrestricted		
	# VOA grab samples	Composite Samples		# VOA grab samples	Composite Samples	
		Composite Samples at each Depth	Number of non-VOA Analyses (total)		Composite Samples at each Depth	Number of non-VOA Analyses (total)
<1	3	2	4	8 (4 locations)	2	6
1	4	2	4	10 (5 locations)	3	9
2	6	3	6	16 (8 locations)	4	12
3	8	4	8	22 (11 locations)	5	15
4	10	5	10	26 (13 locations)	7	21
5	12	6	12	32 (16 locations)	8	24
6	14	7	14	38 (19 locations)	9	27
7	16	8	16	42 (21 locations)	11	33
8	18	9	18	48 (24 locations)	12	36
9	19	9	18	50 (25 locations)	13	39
10	20	10	20	54 (27 locations)	14	42
20	25	12	24	66 (33 locations)	17	51
30	30	15	30	80 (40 locations)	20	60
60	40	20	40	106 (53 locations)	37	81

Use of Composite samples

If a conceptual site model approach is used, compositing of samples is generally not acceptable (DER-10 Section 3.2(d)). However, where we have relatively consistent conditions, compositing is preferred because it allows soil from a larger number of locations to be evaluated at a lower cost.

- The locations of the 5 discrete samples that will make up each composite should be spaced evenly or randomly through the area.
- Only samples that are similar should be composited: visually similar material from similar depth, soil type, and land use.
- An equal number of composite samples should be collected from each of the 2 (commercial) or 3 (residential) depth intervals.

Notes on the above table

1. The table above provides an increased number of sampling locations for a residential setting to provide a higher level of confidence.
2. There should be at least one composite sample and one grab sample from each distinct soil type.
3. The decreased frequency for over 10 acres assumes that there is uniformity in the following categories:
 - Land use
 - Vegetative cover
 - Soil type

Variations in those criteria would require additional sampling, while consistency in initial sampling could allow us to conclude that fewer samples are needed.

4. If fill material is identified, the extent of fill should be delineated
5. Grab samples are analyzed for volatile contaminants and composites are analyzed for semi-volatiles, metals, and other compounds as needed.

Analytical suite

Existing guidance suggests approximately 20% of the samples should be analyzed for the “full suite” of chemicals of concern. That percentage should be higher for small sites (probably 50% for the smallest) and lower for larger sites. Sites that are shown to be relatively uniform and where a significant amount of testing has already been completed could have significantly less sampling for the full suite. The list of required chemicals is defined as the TAL/TCL (as defined by EPA <http://www.epa.gov/clp/contract-laboratory-program-analytical-statements-work-sows>).

Interpretation of Results

In the BCP, there are clear criteria regarding the application of the soil cleanup objectives (SCOs) found in Part 375-6. However, even in the BCP, it is sometime appropriate to develop site-specific cleanup criteria. In other remedial programs, DER has even more flexibility in how the SCOs are applied. The Technical Support Document* provides clear explanations of the exposure scenarios that were used to develop the SCOs, and controlled-access sites (particularly military or industrial facilities) may be able to consider alternative exposure scenarios. DER can consider the following in applying the SCOs to a site:

1. the use and redevelopment of the site;
2. the depth of placement of the backfill material;
3. the depth of placement of the backfill material relative to groundwater;
4. the volume of backfill material;
5. the potential for odor from the backfill material;
6. the presence of historic fill in the vicinity of the site;
7. a department issued beneficial use determination, pursuant to NYCRR Part 360; or
8. background levels of contamination in areas surrounding the site.

*Technical Support Document means the New York State Brownfield Cleanup Program Development of Soil Cleanup Objectives Technical Support Document dated September 2006, which is the document that presents the assumptions, rationale, algorithms and calculations utilized by the department and the New York State Department of Health to develop the soil cleanup objectives in ECL 27-1415(6).

Community Air Monitoring Plan

666 Driving Park Avenue, Rochester, NY

2024 Test Pit Excavations

This Community Air Monitoring Plan (CAMP) has been prepared in accordance with DER-10 *Technical Guidance for Site Investigation and Remediation* Appendix 1A and Appendix 1B. The site is known to contain heavy metals in soil, thus particulate monitoring is warranted. VOCs are not known to be present in site soils, thus VOC monitoring is not warranted. It is not anticipated that the intrusive work will generate potentially impacted dust because excavation will be ceased in each test pit when native soil is encountered. Two TSI DUSTTRAK II Handheld/Portable 8532 Dust/Aerosol Monitors (DUSTTRAK II) will be utilized to collect continuous upwind and downwind readings. The DUSTTRAK II monitors meet the required minimum performance standards presented in DER-10 Appendix 1B bullet point 3.

Community Air Monitoring Plan

Since VOCs are not known to be present in Site soils, real-time air monitoring for VOCs is not necessary. However, particulate levels at the perimeter of the exclusion zone or work area will be necessary since the Site is known to be contaminated with heavy metals. Radiological contamination is also not a concern.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells. At this time, the only potential dust generating activity that is planned for the Site under this work plan is test pitting.

Periodic monitoring for VOCs will not be required since non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells is not planned.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration will be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m³) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. One or a

combination of the dust suppression techniques presented in DER-10 Appendix 1B bullet point 7 will be utilized. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m³ above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m³ above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m³ of the upwind level and in preventing visible dust migration.

3. All readings will be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

CAMP Special Requirements

Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

- If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring should occur within the occupied structure(s). Depending upon the nature of contamination, chemical-specific colorimetric tubes of sufficient sensitivity may be necessary for comparing the exposure point concentrations with appropriate pre-determined response levels (response actions should also be pre-determined). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.
- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 mcg/m³, work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 mcg/m³ or less at the monitoring point.
- Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

Special Requirements for Indoor Work With Co-Located Residences or Facilities

Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements shall be as stated above under “Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures” except that in this instance “nearby/occupied structures” would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings, conduits, etc.) relative to adjoining rooms, should be understood and the monitoring locations established accordingly. In these situations, it is strongly recommended that exhaust fans or other engineering controls be used to create negative air pressure within the work area during remedial activities. Additionally, it is strongly recommended that the planned work be implemented during hours (e.g., weekends or evenings) when building occupancy is at a minimum.

Synergy Environmental Inc.

Environmental Consultants

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Royersford, PA 19468
Phone: (484) 369-5000 Fax: (484) 369-2000

Email: bfitz@synergyenvinc.com
Direct Dial: 484-369-2002

January 26, 2024

Mr. Richard Almquist, Jr.
Yergey Daylor Allebach Scheffey Picardi
1129 East High Street
P.O. Box 776
Pottstown, PA 19464

**RE: Proposed Test Pit Excavation Work Plan
666 Driving Park Avenue, Rochester, NY
Synergy Project No. 24-01459-07**

Dear Mr. Almquist:

Qualified Geological Services, D.P.C., along with Synergy Environmental Inc., have prepared this letter to provide all shareholders with a detailed description of the work to be conducted at the above referenced site, as well as to comply with the requirements of the access agreement between Corteva and Steel Safe. All work conducted by Synergy will be directed and reviewed by a NY-licensed Professional Geologist from Qualified Geological Services, D.P.C.

Background

The site is located at 666 Driving Park Avenue in Rochester, New York (the site), which operated as an industrial facility that produced photographic paper and film from 1895 through 1995. The site is currently vacant. All buildings were demolished in 1996. The site has undergone numerous environmental investigations. The site is currently enrolled in the Brownfields Cleanup Program with the New York State Department of Environmental Conservation (NYSDEC). The soil and groundwater at the site have been impacted by PAHs, metals, and VOCs. NYSDEC has approved a remedial action plan which consists of removal of soil, capping the site to prevent physical contact with residual impacts that remain, a soil management plan to address future site activities, and activity and use restrictions. Excavation activities have been completed. The remaining Remedial activities will be completed as part of the site development.

Purpose

Synergy is proposing to excavate a series of shallow test pits throughout the referenced site in order to document the presence and thickness of material that can be used as part of the cap required by NYSDEC, as part of the approved Remedial Action Plan. The NYSDEC requires a twelve-inch-thick cap to be placed over the impacted soil. The purpose of the cap is to prevent physical contact with the impacted material. Synergy has reviewed several documents, including the December 2021 soil borings advanced by Parsons. The Soil Sampling Summary of the December 2021 sampling event is included with this letter as Attachment 1. The drilling logs, which are included with this letter as

Attachment 2, revealed that approximately 50% of the site is covered by asphalt and a subbase material (stone) of various thickness. NYSDEC has agreed that this material can be considered as appropriate cap material. The purpose of this investigation is to further document the presence and thickness of this material. This information will be used to better refine the costs estimated for completing the capping of the site. Additionally, this information will be needed for any site development design and preparation of a soil management plan.

Scope of Work

Synergy proposes to subcontract a local excavator to perform the excavation of approximately 25 shallow test pits. Synergy will utilize the survey / GPS coordinates for the Parsons December 2021 soil boring investigation to locate the test pits. It is anticipated that the test pits will be advanced to a maximum depth of three feet. The excavations will extend horizontally only as far as necessary to facilitate the measurement and photography of the material deemed suitable for capping. To clarify: the material that has been discussed as acceptable consists of asphalt, degraded asphalt, subbase stone and concrete. We do not anticipate the excavations will extend more than 10 feet in any direction. No samples will be collected for chemical analysis. All material excavated will be placed directly back into each excavation in the order that it was removed (last out, first in). It is anticipated that these excavations will be completed within two days. A summary report will be provided upon the completion of this work.

The excavations will be limited to three feet in depth, we do not anticipate encountering any underground utilities. However, Synergy or the subcontracted excavator will call for a utility mark out from "Dig Safely", prior to initiating any work. Synergy's corporate Health and Safety Plan (HASP), along with a site-specific HASP are included with this letter as Attachment 3. A Community Air Monitoring Plan (CAMP) is included as Attachment 4.

Please do not hesitate to contact me with any questions you may have regarding the information provided.

Regards,

Qualified Geological Services, D.P.C.


Brian FitzPatrick, P.G.
NY PG License #: 000036



Qualified Geological Services, D.P.C.
DOS ID: 5736965

Attachments:

- Attachment 1 December 2021 Soil Sampling Summary (Prepared by Parsons)
- Attachment 2 December 2021 Soil Boring Logs (Prepared by Parsons)
- Attachment 3 Health and Safety Plan
- Attachment 4 Community Air Monitoring Plan

cc: David Giordano – Steel Safe

Attachment 1
December 2021 Soil Sampling Summary
(Prepared by Parsons)



Phone: 315.451.9560
301 Plainfield Road, Suite 350 | Syracuse, New York 13212

June 16, 2022

Ms. Nancy Grosso
Principal Technical Consultant
Corteva Agriscience™
Chestnut Run Plaza 735 / 1115-1
P.O. Box 2915
974 Centre Road
Wilmington, DE 19805

RE: Soil Sampling Summary at Corteva Agriscience Rochester Driving Park Site (NYSDEC Site #
C828142) – December 2021 Sampling Event

Dear Ms. Grosso,

Parsons is pleased to provide this letter report summarizing the analytical results of surface soil sampling activities completed between December 15 - 17, 2021, at the Corteva Rochester Driving Park Avenue Site (NYSDEC ID #C828142) in Rochester, New York.

In May 2007, the New York State Department of Environmental Conservation (NYSDEC) and E.I. du Pont de Nemours and Company entered into a Brownfield Site Cleanup Agreement (BCA), Index Number B8-0735-07-01. Corteva has completed remedial investigation activities at the site including the excavation and backfill of site areas containing elevated levels of silver and cadmium. Corteva is currently working with prospective buyers for the Site and is seeking to implement the remaining remedial phases necessary to obtain a Certificate of Completion of Remedy (COCR) from NYSDEC. The final required remedial actions will include placement of a clean direct contact cover (e.g., soil, asphalt, concrete) over portions of the site where soil will remain in place above the applicable State Soil Cleanup Objectives (SCOs), imposition of an institutional control (i.e., environmental easement/covenant), and preparation and NYSDEC approval of a Site Management Plan (SMP). In order to refine the areal extent of the future site cover for different end use scenarios, surface soil sampling was completed at the site in December 2021 at 25 locations; one of which was sampled and analyzed only for cadmium and the samples from the other 24 locations analyzed for polycyclic aromatic compounds (PAHs), total metals, total solids, and percent moisture.

1.0 Site Background

1.1 Site Location and Physical Setting

The Corteva Rochester Driving Park site is located at 666 Driving Park Avenue, Rochester, New York ([Figure 1](#)), and comprises approximately ten acres. The site was previously used for the production of photographic film and paper beginning in the early 1900s up until 1995, when operations ceased (URS, 2009).

The site is currently vacant and enclosed by an 8-foot-tall chain link fence. The site is bordered to the east and north by a residential neighborhood and to the west by a railroad line. The area to the south of the site and further west of the railroad track is primarily industrial. Ground cover is variable at the site. The northern area of the site is covered by remnant (degraded) asphalt pavement and subbase material. The southern area is generally covered by gravel, building slabs/concrete, and pavement; however, cover is absent in some areas. The fill material in the former process areas in the southern area of the site consists primarily of construction and demolition debris (concrete, brick, gravel, and/or cinders) and is generally continuous and deep, except for the southeast corner of the site. Fill material in the northern area of the site consists of reworked soils containing varying amounts of wood, slag, sand, and gravel. Unlike the fill in the southern portion of the site, fill in the northern parcel is discontinuous and not as deep. In portions of the former process area, the fill directly overlays the bedrock, whereas native soil occurs between the fill and bedrock in the northern portion of the site. The existing cover materials at the site are not in sufficient condition and coverage to serve as a long-term engineering control for future protection against direct contact exposure to impacted soils.

The site lies at an average elevation of approximately 500 feet above mean sea-level (amsl). The land surface slopes downward to the north, with approximately 13 feet difference in elevation between the northern and southern portions of the site. Overburden materials in the subsurface consist of variable thickness of fill material that overlays glacial till deposits consisting primarily of silt with a trace amount of sand. Below the native soil, several feet of weathered bedrock is encountered, followed by moderately to highly fractured bedrock consisting of fossilized and shaley dolostone. Depth to bedrock ranges from approximately five feet in the southern area of the site to approximately 15 feet in the northern area of the site, based on previously completed soil borings and bedrock well logs.

Stormwater at the site is conveyed into drainage features such as catch basins, which discharge into the City of Rochester sewer system (URS, 2009). The closest major surface water body is the Genesee River, which is located approximately one mile east of the site. Use of any water for drinking purposes other than the City's potable water supply is prohibited in the City of Rochester.

1.2 Summary of Previous Soil Investigations

Previous soil sampling at the site included the following efforts to identify the nature and extent of site contamination described in prior reports:

- Phase 1 Environmental Assessment and a 1996 Main Plant Pre-Divestiture Phase 2 Environmental Investigation (DuPont Environmental Remediation Services 1996);
- 2001 Supplemental Site Investigation (URS 2001);
- 2002 Phase 1 soil delineation and TCLP sampling (Bergman Associates 2003);
- 2003 Phase 2 soil delineation (DuPont Corporate Remediation Group [CRG] 2006);

- Remedial Investigation Report and Supplement (DuPont CRG 2008 and 2009); and
- Addendum to Remedial Investigation Report (Parsons 2010).

In September 2012, Parsons completed remedial excavation of soils at the site to remove select areas impacted by facility operations where soils exceeded the NYSDEC SCOs for restricted residential land use for cadmium, silver, and polychlorinated biphenyls (PCBs). A total of 1,491.2 tons of soil and debris material were excavated from 24 small areas (denoted RR1 through RR24 in previous reports) and removed from the site. With the following exceptions, analytical results of confirmation samples indicated that soils in the treated areas were removed to concentrations meeting the restricted-residential SCOs: (1) the western side of the area labeled RR3 excavated to a depth of 3 feet (ft) below ground surface (bgs) where silver results remained above the SCOs but excavation could not continue further due to property boundaries; and (2) the western side and bottom of RR14 and the eastern and western sides of RR24 because excavations at these locations revealed debris so continuing the excavations would not have yielded additional soil, (3) the bottom of RR19 (although the parent sample concentration for cadmium was less than then restricted-residential SCO, the duplicate sample was in exceedance). Therefore, potential impacts of cadmium and/or silver remain in soil at these locations.

Beginning in 2008 through present, ongoing weekly inspections, any warranted periodic maintenance, and quarterly site management updates continue at the site as part of Interim Site Management. In accordance with the NYSDEC Decision Document (NYSDEC, 2012), it was required that site cover material be placed over a portion of the site at an appropriate time to meet restricted-residential land use SCOs for constituents of concern (COCs) where concentrations in the upper two feet of site soil exceed the same SCOs. However, due to a change in anticipated future site use to commercial usage, an Explanation of Significant Differences Document (NYSDEC, 2016) was issued by NYSDEC in 2016, which allowed future commercial use of the site; therefore, the soil cover is to be placed to meet commercial SCOs where concentrations in the upper one foot of site soil are in exceedance. At this time, however, Corteva is also evaluating future use to revert to restricted residential usage so the December 2021 surface soil sampling was conducted to determine the extent of a cover that would meet the criteria for both commercial and restricted residential future use scenarios.

1.3 Data Gap Identification

Prior to implementing the soil sampling, Parsons completed a comprehensive review of existing site data to better understand the nature and extent of remaining soil impacts at the site that may necessitate a cover to prevent direct soil contact. The evaluation concluded that PAHs and metals are the remaining site COCs that require additional spatial definition and generally appear to be associated with the presence of historical fill material at the site. Spatial sample coverage in the 0 – 2 ft interval is generally adequate in the southwestern and central areas of the site where the former process area was located, however, fewer samples exist in the 0 – 2 ft interval in the northern and southeastern areas of the site. [Figure 2](#) shows the locations of the December 2021 samples in relation to these historical sample locations. Thus, the soil sampling associated with the December 2021 event was concentrated in these areas to address these spatial data gaps.

2.0 Summary of 2021 Soil Sampling Activities

2.1 Geophysical Clearance for Underground Utilities

On December 8, 2021, Parsons mobilized to the site to locate underground utilities at the site. Sample locations were marked in the field using a hand-held global positioning system (GPS) unit. Ground Penetrating Radar Systems (GPRS) of Syracuse, New York completed the utility locate using an underground scanning GPR antenna and an electromagnetic pipe and cable locator. Locations of detected utilities and anomalies were marked in the field with paint, flags, or stakes. A radius of approximately 10 ft around each of the proposed soil borings were scanned. The maximum effective GPR depth was approximately 0 – 4 ft. The location of one soil boring (B-6) was moved slightly to avoid an unknown utility. A summary of the utility locate performed by GPRS is included as [Attachment A](#). In addition, Dig Safely New York, Inc. (DSNY) was contacted by Parsons to locate public utilities. No public utilities were identified within 15 ft of the defined work area.

2.2 Air Monitoring

Although surface soil sampling typically does not require perimeter air monitoring, prior to the start of soil sampling each day, Parsons set up air monitoring stations as part of a Community Air Monitoring Plan (CAMP) previously developed for the site. Action levels and method of determination were in accordance with the New York State Department of Health (NYSDOH) Generic CAMP. Air monitoring stations were established both upwind and downwind of the sample locations. Although existing data does not indicate Volatile Organic Compounds (VOCs) as a constituent of concern at this site, monitoring for VOCs at the site perimeter was conducted during intrusive activities. Thus, the air monitoring consisted of real-time monitoring for VOCs and particulates (i.e., dust). A DustTrack II Model Number 8530 was utilized to measure particulates and a MiniRae 3000 was used to measure VOCs. Sampling activities were not performed within 20 feet of residential houses or other structures. Results for the upwind and downwind air monitoring results were comparable to background [< 5 parts per million (ppm) over background for a 15-minute period for VOCs and < 100 micrograms per cubic meter (mcg/m^3) greater than background for a 15-minute period and no airborne dust was observed leaving the work area for particulates]; thus, no dust suppression techniques were needed during the sampling event. Air monitoring results are presented in [Attachment B](#).

2.3 Surface Soil Sampling

Parsons completed surface soil sampling at the site between December 15 – 17, 2021. Fifty-three surface soil samples, including three duplicate samples, were collected from 25 locations throughout the site as shown on [Figure 3](#). Soil samples were collected via hand methods (i.e., hand auguring) to a depth of 2 ft bgs upon removal of several inches of asphalt material (at select locations) via electrical jackhammering methods. Two samples from each location were collected; one each from the 0 – 1 ft interval and one from the 1 – 2 ft interval bgs. Sample results from the 1 – 2 ft interval were held for analysis, pending the results of the 0 – 1 ft interval results to reduce potentially unnecessary analyses. Thus, only 16 samples from the 1 – 2 ft interval were analyzed by the laboratory. The samples from the B-8 location were analyzed for cadmium only to confirm previous excavation work in the area.

Laboratory analysis of the samples was conducted by Alpha Analytical, a New York State Department of Health (NYSDOH) Environmental Laboratory Program (ELAP)-approved laboratory certified for analyses using Analytical Services Protocol (ASP). Soil samples were submitted for the analysis of PAHs via USEPA Method 8270D SIM,

total metals via USEPA Method 6020B, and percent solids and moisture via method 2540 G-1997. All the 25 samples from the 0 – 1 ft interval were analyzed and following receipt of results, 16 samples from the 1 – 2 ft interval were analyzed as shown on [Table 1](#).

Data validation was performed in accordance with USEPA Region II Standard Operating Procedure for organic and inorganic data review. Validation included the following:

- Verification of 100% of all quality control (QC) sample results (both qualitative and quantitative);
- Verification of the identification of 100% of all sample results (both positive hits and non-detects);
- Re-calculation of 10% of all investigative sample results; and
- Preparation of a Data Usability Summary Report (DUSR) for groundwater samples collected, presented in [Attachment C](#).

2.4 IDW Management

Investigation-derived waste generated from the sampling was containerized in Department of Transportation (DOT) 55-gallon steel drums for off-site disposal. The soil cuttings were analyzed for Resource Conservation and Recovery Act (RCRA) Toxicity Characteristic Leaching Procedure (TCLP) parameters, per- and polyfluoroalkyl substances (PFAS) and polychlorinated biphenyls (PCBs), the decontamination water was analyzed for lead and the asphalt cuttings were analyzed for PCBs in accordance with the Project-Specific Waste Management Plan developed by AECOM (AECOM, 2021). The investigation-derived waste was determined to be non-hazardous based on the analytical results. The waste profiles are pending approval by the waste disposal companies and the drums will be transported off-site once approved.

3.0 Results Summary

3.1 Analytical Results

Laboratory analytical results for the December 2021 sampling event are summarized in [Table 1](#). Analytical results are compared to applicable SCOs for restricted residential and commercial use scenarios.

Cadmium was detected (5.1 J mg/kg) at location B-8 slightly above the restricted residential SCO of 4.3 mg/kg at the 0 – 1 ft interval but below the commercial SCO of 9.3 mg/kg. The concentration at the 1 – 2 ft interval was 2.9 J mg/kg; thus, additional step-out samples were not analyzed from this location.

For the commercial use scenario, the results from the samples at the 0 – 1 ft depth were compared to the SCOs for commercial use. Thirteen locations had at least one PAH detected at a concentration that exceeded a commercial use SCO. Two locations (SS-10 and SS-13) had detections of arsenic that exceeded the commercial SCO. At three locations (SS-01, SS-07 and SS-08), only one PAH (benzo(a)pyrene) had detections (detection range of 1.1 – 1.2 mg/kg) that slightly exceeded the commercial SCO of 1 mg/kg for benzo(a)pyrene. The highest detection of benzo(a)pyrene (67 mg/kg) occurred at location SS-10. The most frequently detected PAHs exceeding commercial SCOs were benzo(a)anthracene (8 of 24 locations), benzo(a)pyrene (13 of 24), benzo(b)fluoranthene (9 of 24), dibenzo(a,h)anthracene (9 of 24) and indeno(1,2,3-cd)pyrene (3 of 24). Ten locations had no PAH or metal detections exceeding commercial SCOs in the 0 – 1 ft interval.

For the restricted residential use scenario, the results from the samples collected from both the 0 – 1 ft interval and the 1 – 2 ft interval were compared to the SCOs for restricted residential use. Four locations (SS-06, SS-09, SS-11 and SS-15) had no PAH or metal detections exceeding restricted residential SCOs at either the 0 – 1 ft or the 1 – 2 ft interval. Four additional locations at the 0 – 1 ft interval (SS-02, SS-04, SS-14 and SS-19) and four additional locations at the 1 – 2 ft interval (SS-05, SS-08, SS-13 and SS-22) had no PAH or metals detections exceeding restricted residential SCOs. Seven locations (SS-01, SS-05, SS-07, SS-08, SS-14, SS-18, and SS-19) had a few PAHs or a single metal (arsenic at SS-13, lead at SS-05 and mercury at SS-24) that only slightly exceeded the SCOs for restricted residential use. Location SS-10 had the highest detections of PAHs as well as the most detections of an individual PAH that exceeded the restricted residential SCOs. The arsenic concentration at SS-10 in the 0 – 1 ft interval also exceeded the restricted residential SCO. Results of this comparison are also presented on [Table 1](#).

3.2 Data Usability Summary

Based on the data usability review ([Attachment C](#)), all reported results were considered usable. The laboratory analytical precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) requirements were also met.

4.0 Conclusions

At least one PAH was detected above commercial use SCOs in surface soil samples collected from the 0 – 1 ft interval at 13 of 24 sampling locations; however, at three of these locations, the commercial SCO was only slightly exceeded. The arsenic SCO for a commercial use scenario was exceeded at two locations. Cadmium was detected at location B-8 below the commercial use SCO.

For a restricted residential scenario, cadmium was detected slightly above the restricted residential SCO at location B-8 in the 0 – 1 ft interval but below the restricted residential SCO in the 1 – 2 ft interval. The only exceedances of a restricted residential SCO at locations SS-05, SS-13 and SS-24 were single metals (lead at SS-05, arsenic at SS-13, and mercury at SS-24), all in the 0 – 1 ft interval. The restricted residential SCO for arsenic was also exceeded at location SS-10. For PAHs, at least one PAH was detected above restricted residential use SCOs from samples collected in the 0 – 1 ft interval at 14 of 24 sampling locations and in 7 of 15 locations in the 1 – 2 ft interval. At six locations (SS-01, SS-07, SS-08, SS-14, SS-18, and SS-19), the restricted residential SCO exceedances consisted of only a few analytes and the exceedances were less than two times the SCO.

Based on the above results, the identified spatial data gaps for the extent of a direct contact cover for both a commercial and restricted residential end use scenario have been addressed. No additional soil sampling is recommended at this time.

Rochester Driving Park
December 2021 Soil Sampling Summary
June 16, 2022
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Please feel free to contact the undersigned should you have any questions regarding the December 2021 soil sampling event.

Sincerely,

A handwritten signature in cursive script, reading "Karen Fields".

Karen Fields
Project Manager

References

AECOM, 2021. Project-Specific Waste Management Plan for Soil Sampling. Rochester Driving Park. December 2021.

NYSDEC, 2012. Decision Document, E.I. DuPont de Nemours and Company, Site No. C828142. March 2012.

NYSDEC, 2016. Explanation of Significant Difference, E.I. DuPont de Nemours and Company Site. Site No. C828142. October 2016.

URS, 2009. DuPont Driving Park Facility – Remedial Investigation Report. February 2009.

TABLES

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_B-8_0-0-1				1221_B-8_0-0-1 DUP				1221_B-8_0-1-2			
				L2169925-01				L2169925-13				L2169925-02			
				12/15/2021				12/15/2021				12/15/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	206-44-0	500000	100000	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	500000	100000	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	56-55-3	5600	1000	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	50-32-8	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	205-99-2	5600	1000	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	207-08-9	56000	3900	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	218-01-9	56000	3900	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	208-96-8	500000	100000	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	120-12-7	500000	100000	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	191-24-2	500000	100000	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	86-73-7	500000	100000	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	85-01-8	500000	100000	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3	560	330	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	129-00-0	500000	100000	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	90-12-0			-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	91-57-6			-	-	-	-	-	-	-	-	-	-	-	-
TOTAL METALS															
Aluminum, Total	7429-90-5			-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0			-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16000	16000	-	-	-	-	-	-	-	-	-	-	-	-
Barium, Total	7440-39-3	400000	400000	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	590000	72000	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	9300	4300	5100	J	250	30	4400		220	30	2900	J	240	30
Calcium, Total	7440-70-2			-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	1500000	180000	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4			-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	270000	270000	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6			-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	1000000	400000	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4			-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	10000000	2000000	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	2800	810	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	310000	310000	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7			-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	1500000	180000	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	1500000	180000	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5			-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0			-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2			-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	10000000	10000000	-	-	-	-	-	-	-	-	-	-	-	-
GENERAL CHEMISTRY															
Solids, Total	NONE			75.3		0.1	NA	87.2		0.1	NA	81.3		0.1	NA
Moisture	NONE			24.7		0.1	NA	12.8		0.1	NA	18.7		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-01_0-1				1221_SS-01_1-2				1221_SS-02_0-1			
				L2169925-07				L2169925-08				L2169925-11			
				12/16/2021				12/16/2021				12/16/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	79		70	15	160		43	9	1.7	J	7	1.5
Fluoranthene	206-44-0	500000	100000	2900		70	4.9	2300		43	3	110		7	0.49
Naphthalene	91-20-3	500000	100000	28	J	70	13	92		43	7.7	ND		7	1.2
Benzo(a)anthracene	56-55-3	5600	1000	1000		70	6.7	1000		43	4	35		7	0.66
Benzo(a)pyrene	50-32-8	1000	1000	1100		70	8.5	960		43	5.1	41		7	0.84
Benzo(b)fluoranthene	205-99-2	5600	1000	1700		70	6.7	1300		43	4	61		7	0.66
Benzo(k)fluoranthene	207-08-9	56000	3900	600		70	6.4	420		43	3.8	27		7	0.63
Chrysene	218-01-9	56000	3900	1200		70	5.3	940		43	3.2	49		7	0.52
Acenaphthylene	208-96-8	500000	100000	19	J	70	8.8	16	J	43	5.3	ND		7	0.87
Anthracene	120-12-7	500000	100000	200		70	5.6	390		43	3.4	6	J	7	0.56
Benzo(ghi)perylene	191-24-2	500000	100000	870		70	6	610		43	3.6	32		7	0.59
Fluorene	86-73-7	500000	100000	83		70	8.5	160		43	5.1	1.5	J	7	0.84
Phenanthrene	85-01-8	500000	100000	1400		70	6	1400		43	3.6	46		7	0.59
Dibenzo(a,h)anthracene	53-70-3	560	330	170		70	7	150		43	4.3	4.6	J	7	0.7
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	980		70	8.5	670		43	5.1	35		7	0.84
Pyrene	129-00-0	500000	100000	2200		70	4.9	1800		43	3	87		7	0.49
1-Methylnaphthalene	90-12-0			12	J	70	11	55		43	6.6	ND		7	1.1
2-Methylnaphthalene	91-57-6			ND		70	20	60		43	12	ND		7	2
TOTAL METALS															
Aluminum, Total	7429-90-5			530000		100000	16000	6400000		120000	18000	920000	J	100000	15000
Antimony, Total	7440-36-0			ND		1700	140	280	J	2000	170	ND		1700	140
Arsenic, Total	7440-38-2	16000	16000	3000		530	70	6800		620	80	4100		520	70
Barium, Total	7440-39-3	400000	400000	6300		3200	220	46000		3700	260	7200		3100	220
Beryllium, Total	7440-41-7	590000	72000	110	J	320	90	420		370	110	160	J	310	90
Cadmium, Total	7440-43-9	9300	4300	210		210	30	270		250	30	ND		210	30
Calcium, Total	7440-70-2			130000000		530000	64000	23000000		620000	75000	150000000		520000	64000
Chromium, Total	7440-47-3	1500000	180000	3400		2100	500	10000		2500	580	3600		2100	490
Cobalt, Total	7440-48-4			1200		530	60	5000		620	70	2100		520	60
Copper, Total	7440-50-8	270000	270000	3700		2100	200	18000		2500	240	3400		2100	200
Iron, Total	7439-89-6			5900000		210000	22000	15000000		250000	26000	8500000		210000	22000
Lead, Total	7439-92-1	1000000	400000	27000		640	150	31000		740	180	21000		630	150
Magnesium, Total	7439-95-4			71000000		100000	13000	6600000		120000	15000	80000000		100000	13000
Manganese, Total	7439-96-5	10000000	2000000	240000		2100	470	320000		2500	550	280000		2100	460
Mercury, Total	7439-97-6	2800	810	ND		73	47	69	J	81	53	ND		67	44
Nickel, Total	7440-02-0	310000	310000	2900		1000	280	11000		1200	330	4400		1000	280
Potassium, Total	7440-09-7			240000		100000	17000	850000		120000	20000	500000		100000	17000
Selenium, Total	7782-49-2	1500000	180000	ND		2100	800	2700		2500	940	1300	J	2100	790
Silver, Total	7440-22-4	1500000	180000	2000		530	50	4000		620	60	100	J	520	50
Sodium, Total	7440-23-5			110000	J	160000	12000	69000	J	190000	14000	120000	J	160000	12000
Thallium, Total	7440-28-0			ND		420	60	240	J	500	60	120	J	420	50
Vanadium, Total	7440-62-2			4000		1000	400	16000		1200	470	4400		1000	400
Zinc, Total	7440-66-6	10000000	10000000	25000		10000	2800	56000		12000	3200	5700	J	10000	2700
GENERAL CHEMISTRY															
Solids, Total	NONE			93.6		0.1	NA	78		0.1	NA	93.8		0.1	NA
Moisture	NONE			6.4		0.1	NA	22		0.1	NA	6.2		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-02_1-2				1221_SS-03_0-1				1221_SS-04_0-1			
				L2169925-12				L2169925-09				L2169925-16			
				12/16/2021				12/16/2021				12/16/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	3200		760	160	960		360	75	33		14	2.9
Fluoranthene	206-44-0	500000	100000	38000		760	53	25000		360	25	1000		14	0.98
Naphthalene	91-20-3	500000	100000	1600		760	140	330	J	360	64	5.4	J	14	2.5
Benzo(a)anthracene	56-55-3	5600	1000	17000		760	72	14000		360	34	490		14	1.3
Benzo(a)pyrene	50-32-8	1000	1000	14000		760	91	12000		360	43	440		14	1.7
Benzo(b)fluoranthene	205-99-2	5600	1000	18000		760	72	16000		360	34	650		14	1.3
Benzo(k)fluoranthene	207-08-9	56000	3900	5700		760	68	5500		360	32	170		14	1.3
Chrysene	218-01-9	56000	3900	14000		760	57	12000		360	27	440		14	1
Acenaphthylene	208-96-8	500000	100000	150	J	760	95	630		360	44	7.1	J	14	1.8
Anthracene	120-12-7	500000	100000	6800		760	61	3500		360	28	95		14	1.1
Benzo(ghi)perylene	191-24-2	500000	100000	7300		760	64	7100		360	30	260		14	1.2
Fluorene	86-73-7	500000	100000	3200		760	91	1000		360	43	23		14	1.7
Phenanthrene	85-01-8	500000	100000	28000		760	64	12000		360	30	430		14	1.2
Dibenzo(a,h)anthracene	53-70-3	560	330	2000		760	76	1800		360	36	67		14	1.4
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	8900		760	91	8400		360	43	310		14	1.7
Pyrene	129-00-0	500000	100000	30000		760	53	21000		360	25	860		14	0.98
1-Methylnaphthalene	90-12-0			620	J	760	120	220	J	360	55	4.5	J	14	2.2
2-Methylnaphthalene	91-57-6			770		760	220	190	J	360	100	ND		14	4
TOTAL METALS															
Aluminum, Total	7429-90-5			4200000		120000	17000	4300000		110000	16000	790000		100000	15000
Antimony, Total	7440-36-0			250	J	1800	160	240	J	1700	140	ND		1600	140
Arsenic, Total	7440-38-2	16000	16000	5800		580	80	7000		530	70	3800		520	70
Barium, Total	7440-39-3	400000	400000	45000		3400	240	66000		3200	220	7100		3100	220
Beryllium, Total	7440-41-7	590000	72000	310	J	340	100	540		320	90	200	J	310	90
Cadmium, Total	7440-43-9	9300	4300	430		230	30	540		210	30	ND		210	30
Calcium, Total	7440-70-2			110000000		580000	70000	71000000		530000	64000	150000000		520000	63000
Chromium, Total	7440-47-3	1500000	180000	9200		2300	540	9700		2100	500	3500		2100	480
Cobalt, Total	7440-48-4			4300		580	60	5200		530	60	2400		520	60
Copper, Total	7440-50-8	270000	270000	29000		2300	220	50000		2100	200	3800		2100	200
Iron, Total	7439-89-6			13000000		230000	24000	13000000		210000	22000	9100000		210000	21000
Lead, Total	7439-92-1	1000000	400000	84000		690	170	100000		640	150	20000		620	150
Magnesium, Total	7439-95-4			49000000		120000	14000	32000000		110000	13000	81000000		100000	13000
Manganese, Total	7439-96-5	10000000	2000000	370000		2300	510	380000		2100	470	300000		2100	460
Mercury, Total	7439-97-6	2800	810	69	J	73	48	104		79	51	ND		76	50
Nickel, Total	7440-02-0	310000	310000	10000		1200	310	14000		1100	280	4500		1000	280
Potassium, Total	7440-09-7			1100000		120000	18000	420000		110000	17000	400000		100000	16000
Selenium, Total	7782-49-2	1500000	180000	1900	J	2300	870	1400	J	2100	800	1200	J	2100	780
Silver, Total	7440-22-4	1500000	180000	3300		580	60	5900		530	50	100	J	520	50
Sodium, Total	7440-23-5			160000	J	170000	13000	100000	J	160000	12000	140000	J	150000	12000
Thallium, Total	7440-28-0			150	J	460	60	ND		420	60	ND		410	50
Vanadium, Total	7440-62-2			11000		1200	440	11000		1100	400	4200		1000	390
Zinc, Total	7440-66-6	10000000	10000000	100000		12000	3000	94000		11000	2800	6300	J	10000	2700
GENERAL CHEMISTRY															
Solids, Total	NONE			85.3		0.1	NA	91.4		0.1	NA	93.5		0.1	NA
Moisture	NONE			14.7		0.1	NA	8.6		0.1	NA	6.5		0.1	NA

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Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-04_1-2				1221_SS-05_0-1				1221_SS-05_1-2			
				L2169925-17				L2169925-24				L2169925-25			
				12/16/2021				12/16/2021				12/16/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	4000		770	160	32		8.1	1.7	28		7.9	1.6
Fluoranthene	206-44-0	500000	100000	57000		770	54	790		8.1	0.57	360		7.9	0.55
Naphthalene	91-20-3	500000	100000	960		770	140	150		8.1	1.4	24		7.9	1.4
Benzo(a)anthracene	56-55-3	5600	1000	27000		770	73	560		8.1	0.77	160		7.9	0.75
Benzo(a)pyrene	50-32-8	1000	1000	20000		770	93	590		8.1	0.97	120		7.9	0.95
Benzo(b)fluoranthene	205-99-2	5600	1000	26000		770	73	810		8.1	0.77	180		7.9	0.75
Benzo(k)fluoranthene	207-08-9	56000	3900	9500		770	70	240		8.1	0.73	62		7.9	0.71
Chrysene	218-01-9	56000	3900	22000		770	58	540		8.1	0.61	150		7.9	0.59
Acenaphthylene	208-96-8	500000	100000	200	J	770	97	38		8.1	1	2.7	J	7.9	0.99
Anthracene	120-12-7	500000	100000	9100		770	62	100		8.1	0.65	46		7.9	0.63
Benzo(ghi)perylene	191-24-2	500000	100000	9500		770	66	420		8.1	0.69	71		7.9	0.67
Fluorene	86-73-7	500000	100000	2700		770	93	36		8.1	0.97	31		7.9	0.95
Phenanthrene	85-01-8	500000	100000	32000		770	66	390		8.1	0.69	250		7.9	0.67
Dibenzo(a,h)anthracene	53-70-3	560	330	2800		770	77	97		8.1	0.81	21		7.9	0.79
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	12000		770	93	500		8.1	0.97	81		7.9	0.95
Pyrene	129-00-0	500000	100000	46000		770	54	660		8.1	0.57	280		7.9	0.55
1-Methylnaphthalene	90-12-0			600	J	770	120	76		8.1	1.2	12		7.9	1.2
2-Methylnaphthalene	91-57-6			600	J	770	220	73		8.1	2.3	12		7.9	2.2
TOTAL METALS															
Aluminum, Total	7429-90-5			5500000		110000	17000	4100000		120000	17000	6800000		110000	17000
Antimony, Total	7440-36-0			640	J	1800	150	340	J	1900	160	ND		1800	160
Arsenic, Total	7440-38-2	16000	16000	12000		570	80	9500		590	80	5800		570	80
Barium, Total	7440-39-3	400000	400000	240000		3400	240	48000		3500	250	78000		3400	240
Beryllium, Total	7440-41-7	590000	72000	540		340	100	420		350	100	480		340	100
Cadmium, Total	7440-43-9	9300	4300	710		230	30	370		230	30	150	J	230	30
Calcium, Total	7440-70-2			87000000		570000	69000	82000000		590000	71000	39000000		570000	70000
Chromium, Total	7440-47-3	1500000	180000	13000		2300	530	7400		2300	550	9900		2300	540
Cobalt, Total	7440-48-4			5200		570	60	4700		590	60	5000		570	60
Copper, Total	7440-50-8	270000	270000	66000		2300	220	14000		2300	230	14000		2300	220
Iron, Total	7439-89-6			16000000		230000	23000	14000000		230000	24000	17000000		230000	24000
Lead, Total	7439-92-1	1000000	400000	160000		680	160	410000		700	170	32000		690	170
Magnesium, Total	7439-95-4			37000000		110000	14000	44000000		120000	14000	18000000		110000	14000
Manganese, Total	7439-96-5	10000000	2000000	430000		2300	500	300000		2300	520	420000		2300	510
Mercury, Total	7439-97-6	2800	810	139		77	50	231		100	65	ND		76	50
Nickel, Total	7440-02-0	310000	310000	13000		1100	300	7300		1200	310	10000		1100	310
Potassium, Total	7440-09-7			930000		110000	18000	370000		120000	19000	830000		110000	18000
Selenium, Total	7782-49-2	1500000	180000	2300		2300	860	1600	J	2300	890	2600		2300	870
Silver, Total	7440-22-4	1500000	180000	19000		570	60	1500		590	60	940		570	60
Sodium, Total	7440-23-5			160000	J	170000	13000	170000	J	180000	14000	380000		170000	13000
Thallium, Total	7440-28-0			280	J	450	60	ND		470	60	70	J	460	60
Vanadium, Total	7440-62-2			13000		1100	430	12000		1200	440	15000		1100	440
Zinc, Total	7440-66-6	10000000	10000000	130000		11000	3000	40000		12000	3000	51000		11000	3000
GENERAL CHEMISTRY															
Solids, Total	NONE			83.8		0.1	NA	81.5		0.1	NA	82.6		0.1	NA
Moisture	NONE			16.2		0.1	NA	18.5		0.1	NA	17.4		0.1	NA

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Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-06_0-1				1221_SS-06_1-2				1221_SS-07_0-1			
				L2169925-14				L2169925-15				L2169925-22			
				12/16/2021				12/16/2021				12/16/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	6.7	J	6.9	1.4	ND		8.2	1.7	200		36	7.7
Fluoranthene	206-44-0	500000	100000	260		6.9	0.48	94		8.2	0.58	2800		36	2.6
Naphthalene	91-20-3	500000	100000	1.9	J	6.9	1.2	ND		8.2	1.5	110		36	6.6
Benzo(a)anthracene	56-55-3	5600	1000	100		6.9	0.66	38		8.2	0.78	1400		36	3.5
Benzo(a)pyrene	50-32-8	1000	1000	97		6.9	0.83	20		8.2	0.99	1200		36	4.4
Benzo(b)fluoranthene	205-99-2	5600	1000	160		6.9	0.66	46		8.2	0.78	1600		36	3.5
Benzo(k)fluoranthene	207-08-9	56000	3900	72		6.9	0.62	15		8.2	0.74	570		36	3.3
Chrysene	218-01-9	56000	3900	110		6.9	0.52	44		8.2	0.62	1200		36	2.7
Acenaphthylene	208-96-8	500000	100000	1.9	J	6.9	0.86	ND		8.2	1	31	J	36	4.6
Anthracene	120-12-7	500000	100000	18		6.9	0.55	4.3	J	8.2	0.66	500		36	2.9
Benzo(ghi)perylene	191-24-2	500000	100000	38		6.9	0.59	10		8.2	0.7	700		36	3.1
Fluorene	86-73-7	500000	100000	5.4	J	6.9	0.83	1.8	J	8.2	0.99	210		36	4.4
Phenanthrene	85-01-8	500000	100000	110		6.9	0.59	23		8.2	0.7	1900		36	3.1
Dibenzo(a,h)anthracene	53-70-3	560	330	11		6.9	0.69	3.2	J	8.2	0.82	190		36	3.6
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	48		6.9	0.83	15		8.2	0.99	840		36	4.4
Pyrene	129-00-0	500000	100000	200		6.9	0.48	95		8.2	0.58	2200		36	2.6
1-Methylnaphthalene	90-12-0			2.1	J	6.9	1.1	ND		8.2	1.3	62		36	5.6
2-Methylnaphthalene	91-57-6			ND		6.9	2	ND		8.2	2.3	57		36	10
TOTAL METALS															
Aluminum, Total	7429-90-5			740000		100000	15000	7400000		120000	18000	1000000		110000	16000
Antimony, Total	7440-36-0			ND		1600	140	ND		1900	160	ND		1700	140
Arsenic, Total	7440-38-2	16000	16000	3400		500	70	7400		600	80	3700		530	70
Barium, Total	7440-39-3	400000	400000	5700		3000	210	44000		3600	250	8100		3200	220
Beryllium, Total	7440-41-7	590000	72000	160	J	300	90	610		360	100	160	J	320	90
Cadmium, Total	7440-43-9	9300	4300	30	J	200	30	90	J	240	30	100	J	210	30
Calcium, Total	7440-70-2			160000000		500000	61000	39000000		600000	73000	140000000		530000	65000
Chromium, Total	7440-47-3	1500000	180000	3500		2000	470	11000		2400	560	3700		2100	500
Cobalt, Total	7440-48-4			2500		500	50	7200		600	60	2500		530	60
Copper, Total	7440-50-8	270000	270000	4600		2000	190	12000		2400	230	7800		2100	210
Iron, Total	7439-89-6			7500000		200000	21000	20000000		240000	25000	8200000		210000	22000
Lead, Total	7439-92-1	1000000	400000	14000		600	150	19000		720	170	23000		640	160
Magnesium, Total	7439-95-4			53000000		100000	12000	16000000		120000	15000	70000000		110000	13000
Manganese, Total	7439-96-5	10000000	2000000	250000		2000	440	570000		2400	530	290000		2100	470
Mercury, Total	7439-97-6	2800	810	ND		79	52	ND		78	51	ND		82	53
Nickel, Total	7440-02-0	310000	310000	6200		1000	270	14000		1200	320	5600		1100	280
Potassium, Total	7440-09-7			360000		100000	16000	1400000		120000	19000	330000		110000	17000
Selenium, Total	7782-49-2	1500000	180000	900	J	2000	760	3500		2400	900	1200	J	2100	810
Silver, Total	7440-22-4	1500000	180000	220	J	500	50	90	J	600	60	1900		530	50
Sodium, Total	7440-23-5			130000	J	150000	12000	140000	J	180000	14000	120000	J	160000	12000
Thallium, Total	7440-28-0			ND		400	50	120	J	480	60	ND		430	60
Vanadium, Total	7440-62-2			4000		1000	380	15000		1200	450	4600		1100	400
Zinc, Total	7440-66-6	10000000	10000000	9900	J	10000	2600	22000		12000	3100	23000		11000	2800
GENERAL CHEMISTRY															
Solids, Total	NONE			94.8		0.1	NA	80.4		0.1	NA	91		0.1	NA
Moisture	NONE			5.2		0.1	NA	19.6		0.1	NA	9		0.1	NA

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Exceeds NY commercial standards
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Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-07_1-2 L2169925-23 12/16/2021				1221_SS-08_0-1 L2169925-26 12/16/2021				1221_SS-08_0-1 DUP L2169925-27 12/16/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	160		40	8.3	150	J	36	7.5	32	J	7.1	1.5
Fluoranthene	206-44-0	500000	100000	1900		40	2.8	2500	J	36	2.5	710	J	7.1	0.5
Naphthalene	91-20-3	500000	100000	150		40	7.1	53		36	6.4	13		7.1	1.3
Benzo(a)anthracene	56-55-3	5600	1000	1000		40	3.8	1200	J	36	3.4	370	J	7.1	0.68
Benzo(a)pyrene	50-32-8	1000	1000	930		40	4.7	1100	J	36	4.3	320	J	7.1	0.86
Benzo(b)fluoranthene	205-99-2	5600	1000	1200		40	3.8	1400	J	36	3.4	460	J	7.1	0.68
Benzo(k)fluoranthene	207-08-9	56000	3900	410		40	3.6	670	J	36	3.2	120	J	7.1	0.64
Chrysene	218-01-9	56000	3900	850		40	3	1100	J	36	2.7	330	J	7.1	0.54
Acenaphthylene	208-96-8	500000	100000	50		40	4.9	27	J	36	4.5	9.1		7.1	0.89
Anthracene	120-12-7	500000	100000	310		40	3.2	390	J	36	2.9	100	J	7.1	0.57
Benzo(ghi)perylene	191-24-2	500000	100000	530		40	3.4	370	J	36	3	160	J	7.1	0.61
Fluorene	86-73-7	500000	100000	140		40	4.7	150	J	36	4.3	35	J	7.1	0.86
Phenanthrene	85-01-8	500000	100000	1000		40	3.4	1500	J	36	3	380	J	7.1	0.61
Dibenzo(a,h)anthracene	53-70-3	560	330	150		40	4	93		36	3.6	37		7.1	0.71
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	620		40	4.7	500	J	36	4.3	200	J	7.1	0.86
Pyrene	129-00-0	500000	100000	1600		40	2.8	2000	J	36	2.5	580	J	7.1	0.5
1-Methylnaphthalene	90-12-0			37	J	40	6.1	35	J	36	5.5	8.5		7.1	1.1
2-Methylnaphthalene	91-57-6			50		40	11	29	J	36	10	6.6	J	7.1	2
TOTAL METALS															
Aluminum, Total	7429-90-5			3600000		120000	17000	850000	J	100000	16000	1100000		100000	16000
Antimony, Total	7440-36-0			ND		1900	160	ND		1700	140	ND		1700	140
Arsenic, Total	7440-38-2	16000	16000	5600		580	80	3400		520	70	3800		520	70
Barium, Total	7440-39-3	400000	400000	37000		3500	250	6300		3100	220	9400		3100	220
Beryllium, Total	7440-41-7	590000	72000	330	J	350	100	160	J	310	90	210	J	310	90
Cadmium, Total	7440-43-9	9300	4300	170	J	230	30	100	J	210	30	180	J	210	30
Calcium, Total	7440-70-2			130000000		580000	71000	140000000		520000	64000	130000000		520000	64000
Chromium, Total	7440-47-3	1500000	180000	7600		2300	540	3600		2100	490	3900		2100	490
Cobalt, Total	7440-48-4			4800		580	60	2200		520	60	3000		520	60
Copper, Total	7440-50-8	270000	270000	11000		2300	230	5300		2100	200	6600		2100	200
Iron, Total	7439-89-6			14000000		230000	24000	7800000		210000	22000	8300000		210000	22000
Lead, Total	7439-92-1	1000000	400000	40000		700	170	18000		630	150	24000		630	150
Magnesium, Total	7439-95-4			52000000		120000	14000	70000000		100000	13000	65000000		100000	13000
Manganese, Total	7439-96-5	10000000	2000000	410000		2300	520	270000		2100	460	320000		2100	470
Mercury, Total	7439-97-6	2800	810	ND		76	49	ND		78	51	ND		83	54
Nickel, Total	7440-02-0	310000	310000	11000		1200	310	4900		1000	280	6300		1000	280
Potassium, Total	7440-09-7			1500000		120000	18000	330000		100000	17000	340000		100000	17000
Selenium, Total	7782-49-2	1500000	180000	1900	J	2300	880	1000	J	2100	790	1100	J	2100	790
Silver, Total	7440-22-4	1500000	180000	6200		580	60	1900	J	520	50	5400	J	520	50
Sodium, Total	7440-23-5			1600000	J	170000	14000	1300000	J	160000	12000	1200000	J	160000	12000
Thallium, Total	7440-28-0			100	J	470	60	ND		420	50	ND		420	50
Vanadium, Total	7440-62-2			8300		1200	440	4500		1000	400	4600		1000	400
Zinc, Total	7440-66-6	10000000	10000000	28000		12000	3000	14000		10000	2700	18000		10000	2700
GENERAL CHEMISTRY															
Solids, Total	NONE			83.8		0.1	NA	93		0.1	NA	93.1		0.1	NA
Moisture	NONE			16.2		0.1	NA	7		0.1	NA	6.9		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-08_1-2				1221_SS-09_0-1				1221_SS-09_1-2			
				L2169925-28				L2169925-20				L2169925-21			
				12/16/2021				12/16/2021				12/16/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	44		7.1	1.5	99		39	8.2	2.8	J	8.3	1.7
Fluoranthene	206-44-0	500000	100000	710		7.1	0.5	1800		39	2.7	57		8.3	0.58
Naphthalene	91-20-3	500000	100000	17		7.1	1.3	69		39	7	2.2	J	8.3	1.5
Benzo(a)anthracene	56-55-3	5600	1000	380		7.1	0.68	900		39	3.7	26		8.3	0.79
Benzo(a)pyrene	50-32-8	1000	1000	330		7.1	0.85	770		39	4.7	22		8.3	1
Benzo(b)fluoranthene	205-99-2	5600	1000	430		7.1	0.68	1000		39	3.7	27		8.3	0.79
Benzo(k)fluoranthene	207-08-9	56000	3900	150		7.1	0.64	300		39	3.5	11		8.3	0.75
Chrysene	218-01-9	56000	3900	320		7.1	0.53	750		39	2.9	23		8.3	0.62
Acenaphthylene	208-96-8	500000	100000	8.8		7.1	0.89	32	J	39	4.9	ND		8.3	1
Anthracene	120-12-7	500000	100000	120		7.1	0.57	360		39	3.1	11		8.3	0.66
Benzo(ghi)perylene	191-24-2	500000	100000	190		7.1	0.6	410		39	3.3	11		8.3	0.71
Fluorene	86-73-7	500000	100000	50		7.1	0.85	120		39	4.7	3.7	J	8.3	1
Phenanthrene	85-01-8	500000	100000	450		7.1	0.6	1200		39	3.3	35		8.3	0.71
Dibenzo(a,h)anthracene	53-70-3	560	330	51		7.1	0.71	110		39	3.9	2.7	J	8.3	0.83
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	230		7.1	0.85	490		39	4.7	13		8.3	1
Pyrene	129-00-0	500000	100000	590		7.1	0.5	1600		39	2.7	48		8.3	0.58
1-Methylnaphthalene	90-12-0			11		7.1	1.1	55		39	6	1.7	J	8.3	1.3
2-Methylnaphthalene	91-57-6			8.6		7.1	2	45		39	11	ND		8.3	2.4
TOTAL METALS															
Aluminum, Total	7429-90-5			1600000		100000	15000	5500000		110000	17000	8400000		120000	18000
Antimony, Total	7440-36-0			ND		1600	140	ND		1800	150	ND		1900	160
Arsenic, Total	7440-38-2	16000	16000	3500		520	70	6900		560	70	7700		610	80
Barium, Total	7440-39-3	400000	400000	12000		3100	220	50000		3400	240	63000		3600	260
Beryllium, Total	7440-41-7	590000	72000	140	J	310	90	550		340	100	630		360	100
Cadmium, Total	7440-43-9	9300	4300	40	J	210	30	120	J	220	30	80	J	240	30
Calcium, Total	7440-70-2			160000000		520000	63000	46000000		560000	68000	58000000		610000	74000
Chromium, Total	7440-47-3	1500000	180000	4400		2100	480	9100		2200	530	12000		2400	570
Cobalt, Total	7440-48-4			2100		520	60	6800		560	60	6900		610	60
Copper, Total	7440-50-8	270000	270000	5600		2100	200	14000		2200	220	15000		2400	240
Iron, Total	7439-89-6			8500000		210000	21000	18000000		220000	23000	20000000		240000	25000
Lead, Total	7439-92-1	1000000	400000	18000		620	150	20000		680	160	17000		730	180
Magnesium, Total	7439-95-4			70000000		100000	13000	20000000		110000	14000	14000000		120000	15000
Manganese, Total	7439-96-5	10000000	2000000	290000		2100	460	340000		2200	500	540000		2400	540
Mercury, Total	7439-97-6	2800	810	ND		68	44	ND		87	57	ND		80	52
Nickel, Total	7440-02-0	310000	310000	4500		1000	280	14000		1100	300	14000		1200	320
Potassium, Total	7440-09-7			740000		100000	16000	700000		110000	18000	1900000		120000	19000
Selenium, Total	7782-49-2	1500000	180000	1500	J	2100	780	2700		2200	850	3700		2400	920
Silver, Total	7440-22-4	1500000	180000	400	J	520	50	1600		560	60	240	J	610	60
Sodium, Total	7440-23-5			160000		150000	12000	220000		170000	13000	440000		180000	14000
Thallium, Total	7440-28-0			ND		410	50	ND		450	60	140	J	480	60
Vanadium, Total	7440-62-2			5700		1000	390	13000		1100	430	17000		1200	460
Zinc, Total	7440-66-6	10000000	10000000	11000		10000	2700	27000		11000	2900	24000		12000	3200
GENERAL CHEMISTRY															
Solids, Total	NONE			93.6		0.1	NA	84.6		0.1	NA	78.5		0.1	NA
Moisture	NONE			6.4		0.1	NA	15.4		0.1	NA	21.5		0.1	NA

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	Exceeds NY commercial standards
	Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-10_0-1				1221_SS-11_0-1				1221_SS-11_1-2			
				L2169925-18				L2169925-36				L2169925-37			
				12/16/2021				12/17/2021				12/17/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	13000		3600	760	12		7.1	1.5	ND		7.9	1.7
Fluoranthene	206-44-0	500000	100000	190000		3600	260	580		7.1	0.5	ND		7.9	0.55
Naphthalene	91-20-3	500000	100000	6700		3600	660	4	J	7.1	1.3	ND		7.9	1.4
Benzo(a)anthracene	56-55-3	5600	1000	79000		3600	350	270		7.1	0.68	ND		7.9	0.75
Benzo(a)pyrene	50-32-8	1000	1000	67000		3600	440	290		7.1	0.85	ND		7.9	0.95
Benzo(b)fluoranthene	205-99-2	5600	1000	84000		3600	350	430		7.1	0.68	ND		7.9	0.75
Benzo(k)fluoranthene	207-08-9	56000	3900	31000		3600	330	140		7.1	0.64	0.95	J	7.9	0.71
Chrysene	218-01-9	56000	3900	62000		3600	270	290		7.1	0.53	ND		7.9	0.59
Acenaphthylene	208-96-8	500000	100000	12000		3600	460	3.2	J	7.1	0.89	ND		7.9	0.99
Anthracene	120-12-7	500000	100000	43000		3600	290	34		7.1	0.57	ND		7.9	0.63
Benzo(ghi)perylene	191-24-2	500000	100000	28000		3600	310	190		7.1	0.6	ND		7.9	0.67
Fluorene	86-73-7	500000	100000	40000		3600	440	10		7.1	0.85	ND		7.9	0.95
Phenanthrene	85-01-8	500000	100000	200000		3600	310	190		7.1	0.6	ND		7.9	0.67
Dibenzo(a,h)anthracene	53-70-3	560	330	8900		3600	360	41		7.1	0.71	ND		7.9	0.79
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	37000		3600	440	240		7.1	0.85	ND		7.9	0.95
Pyrene	129-00-0	500000	100000	140000		3600	260	450		7.1	0.5	ND		7.9	0.55
1-Methylnaphthalene	90-12-0			7000		3600	560	4	J	7.1	1.1	ND		7.9	1.2
2-Methylnaphthalene	91-57-6			7500		3600	1000	4.4	J	7.1	2	ND		7.9	2.2
TOTAL METALS															
Aluminum, Total	7429-90-5			7100000		130000	20000	4100000		110000	16000	7900000		120000	18000
Antimony, Total	7440-36-0			1500	J	2100	180	ND		1700	140	ND		1900	160
Arsenic, Total	7440-38-2	16000	16000	56000		670	90	12000		530	70	5700		600	80
Barium, Total	7440-39-3	400000	400000	340000		4000	280	35000		3200	220	68000		3600	250
Beryllium, Total	7440-41-7	590000	72000	470		400	120	270	J	320	90	490		360	100
Cadmium, Total	7440-43-9	9300	4300	290		270	40	130	J	210	30	50	J	240	30
Calcium, Total	7440-70-2			86000000		670000	81000	89000000		530000	64000	80000000		600000	73000
Chromium, Total	7440-47-3	1500000	180000	38000		2700	630	8000		2100	500	11000		2400	560
Cobalt, Total	7440-48-4			8000		670	70	3500		530	60	5700		600	60
Copper, Total	7440-50-8	270000	270000	48000		2700	260	14000		2100	200	12000		2400	230
Iron, Total	7439-89-6			57000000		270000	28000	10000000		210000	22000	16000000		240000	25000
Lead, Total	7439-92-1	1000000	400000	140000		800	200	40000		640	150	12000		720	170
Magnesium, Total	7439-95-4			20000000		130000	16000	35000000		110000	13000	13000000		120000	15000
Manganese, Total	7439-96-5	10000000	2000000	670000		2700	590	310000		2100	470	340000		2400	530
Mercury, Total	7439-97-6	2800	810	92		88	58	115		88	57	ND		77	50
Nickel, Total	7440-02-0	310000	310000	26000		1300	360	7900		1100	280	12000		1200	320
Potassium, Total	7440-09-7			530000		130000	21000	470000		110000	17000	1400000		120000	19000
Selenium, Total	7782-49-2	1500000	180000	1800	J	2700	1000	1300	J	2100	800	3000		2400	900
Silver, Total	7440-22-4	1500000	180000	1200		670	70	1400		530	50	130	J	600	60
Sodium, Total	7440-23-5			130000	J	200000	16000	86000	J	160000	12000	110000	J	180000	14000
Thallium, Total	7440-28-0			300	J	540	70	130	ND	420	60	ND		480	60
Vanadium, Total	7440-62-2			19000		1300	510	10000		1100	400	15000		1200	450
Zinc, Total	7440-66-6	10000000	10000000	200000		13000	3500	28000		11000	2800	24000		12000	3100
GENERAL CHEMISTRY															
Solids, Total	NONE			72.6		0.1	NA	92.2		0.1	NA	81.9		0.1	NA
Moisture	NONE			27.4		0.1	NA	7.8		0.1	NA	18.1		0.1	NA

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Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-12_0-1 L2169925-34 12/17/2021				1221_SS-13_0-1 L2169925-31 12/17/2021				1221_SS-13_0-1 DUP L2169925-32 12/17/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	52	J	140	30	ND		18	3.7	31		8.3	1.8
Fluoranthene	206-44-0	500000	100000	9400		140	10	380	J	18	1.2	740	J	8.3	0.58
Naphthalene	91-20-3	500000	100000	210		140	26	820	J	18	3.2	260	J	8.3	1.5
Benzo(a)anthracene	56-55-3	5600	1000	4200		140	14	250		18	1.7	370		8.3	0.79
Benzo(a)pyrene	50-32-8	1000	1000	5700		140	17	240		18	2.1	320		8.3	1
Benzo(b)fluoranthene	205-99-2	5600	1000	8200		140	14	310		18	1.7	440		8.3	0.79
Benzo(k)fluoranthene	207-08-9	56000	3900	2300		140	13	140		18	1.6	120		8.3	0.75
Chrysene	218-01-9	56000	3900	4400		140	11	260		18	1.3	340		8.3	0.62
Acenaphthylene	208-96-8	500000	100000	90	J	140	18	31		18	2.2	18		8.3	1
Anthracene	120-12-7	500000	100000	630		140	11	57		18	1.4	91		8.3	0.67
Benzo(ghi)perylene	191-24-2	500000	100000	4900		140	12	100	J	18	1.5	180	J	8.3	0.71
Fluorene	86-73-7	500000	100000	97	J	140	17	ND		18	2.1	36		8.3	1
Phenanthrene	85-01-8	500000	100000	3000		140	12	460		18	1.5	500		8.3	0.71
Dibenzo(a,h)anthracene	53-70-3	560	330	950		140	14	30		18	1.8	42		8.3	0.83
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	5400		140	17	110	J	18	2.1	220	J	8.3	1
Pyrene	129-00-0	500000	100000	7600		140	10	340	J	18	1.2	620	J	8.3	0.58
1-Methylnaphthalene	90-12-0			190		140	22	920	J	18	2.7	300	J	8.3	1.3
2-Methylnaphthalene	91-57-6			260		140	40	1100	J	18	5	360	J	8.3	2.4
TOTAL METALS															
Aluminum, Total	7429-90-5			2000000		110000	16000	4400000	J	130000	19000	4300000		130000	19000
Antimony, Total	7440-36-0			ND		1700	150	350	J	2000	170	300	J	2000	170
Arsenic, Total	7440-38-2	16000	16000	6900		540	70	28000	J	630	80	21000		630	80
Barium, Total	7440-39-3	400000	400000	18000		3200	230	75000		3800	270	65000		3800	270
Beryllium, Total	7440-41-7	590000	72000	200	J	320	90	690		380	110	670		380	110
Cadmium, Total	7440-43-9	9300	4300	190	J	220	30	950	J	250	30	420	J	250	30
Calcium, Total	7440-70-2			130000000		540000	66000	48000000		630000	77000	44000000		630000	77000
Chromium, Total	7440-47-3	1500000	180000	4900		2200	510	10000	J	2500	590	10000		2500	590
Cobalt, Total	7440-48-4			3000		540	60	4800		630	70	4500		630	70
Copper, Total	7440-50-8	270000	270000	8200		2200	210	24000	J	2500	240	18000		2500	240
Iron, Total	7439-89-6			8800000		220000	22000	14000000		250000	26000	14000000		250000	26000
Lead, Total	7439-92-1	1000000	400000	14000		650	160	110000	J	760	180	110000		760	180
Magnesium, Total	7439-95-4			10000000		110000	13000	18000000		130000	16000	15000000		130000	16000
Manganese, Total	7439-96-5	10000000	2000000	180000		2200	480	200000	J	2500	560	150000		2500	560
Mercury, Total	7439-97-6	2800	810	ND		88	58	115		99	65	68	J	99	64
Nickel, Total	7440-02-0	310000	310000	6800		1100	290	14000		1300	340	13000		1300	340
Potassium, Total	7440-09-7			400000		110000	17000	680000	J	130000	20000	570000		130000	20000
Selenium, Total	7782-49-2	1500000	180000	1500	J	2200	820	2400	J	2500	960	1900	J	2500	950
Silver, Total	7440-22-4	1500000	180000	4200		540	50	6600	J	630	60	2400	J	630	60
Sodium, Total	7440-23-5			68000	J	160000	13000	250000		190000	15000	180000	J	190000	15000
Thallium, Total	7440-28-0			ND		430	60	ND		510	70	ND		500	70
Vanadium, Total	7440-62-2			9200		1100	410	14000		1300	480	15000		1300	480
Zinc, Total	7440-66-6	10000000	10000000	28000		11000	2800	90000	J	13000	3300	36000		13000	3300
GENERAL CHEMISTRY															
Solids, Total	NONE			91		0.1	NA	75.4		0.1	NA	77.6		0.1	NA
Moisture	NONE			9		0.1	NA	24.6		0.1	NA	22.4		0.1	NA

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Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-13_1-2				1221_SS-14_0-1				1221_SS-14_1-2			
				L2169925-33				L2169925-40				L2169925-41			
				12/17/2021				12/17/2021				12/17/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	ND		8.4	1.8	100		35	7.4	150		36	7.6
Fluoranthene	206-44-0	500000	100000	ND		8.4	0.59	1400		35	2.5	2000		36	2.5
Naphthalene	91-20-3	500000	100000	6.4	J	8.4	1.5	12	J	35	6.4	37		36	6.5
Benzo(a)anthracene	56-55-3	5600	1000	ND		8.4	0.8	690		35	3.4	980		36	3.4
Benzo(a)pyrene	50-32-8	1000	1000	ND		8.4	1	610		35	4.2	820		36	4.4
Benzo(b)fluoranthene	205-99-2	5600	1000	ND		8.4	0.8	870		35	3.4	1000		36	3.4
Benzo(k)fluoranthene	207-08-9	56000	3900	1.2	J	8.4	0.76	230		35	3.2	390		36	3.3
Chrysene	218-01-9	56000	3900	ND		8.4	0.63	610		35	2.6	800		36	2.7
Acenaphthylene	208-96-8	500000	100000	ND		8.4	1	4.8	J	35	4.4	ND		36	4.5
Anthracene	120-12-7	500000	100000	0.67	J	8.4	0.67	220		35	2.8	330		36	2.9
Benzo(ghi)perylene	191-24-2	500000	100000	ND		8.4	0.71	350		35	3	520		36	3.1
Fluorene	86-73-7	500000	100000	ND		8.4	1	82		35	4.2	130		36	4.4
Phenanthrene	85-01-8	500000	100000	ND		8.4	0.71	820		35	3	1300		36	3.1
Dibenzo(a,h)anthracene	53-70-3	560	330	ND		8.4	0.84	86		35	3.5	130		36	3.6
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	ND		8.4	1	410		35	4.2	610		36	4.4
Pyrene	129-00-0	500000	100000	ND		8.4	0.59	1100		35	2.5	1600		36	2.5
1-Methylnaphthalene	90-12-0			4.2	J	8.4	1.3	18	J	35	5.5	20	J	36	5.6
2-Methylnaphthalene	91-57-6			5.7	J	8.4	2.4	18	J	35	10	21	J	36	10
TOTAL METALS															
Aluminum, Total	7429-90-5			8000000		120000	18000	1400000		100000	15000	3900000		100000	16000
Antimony, Total	7440-36-0			ND		1900	160	ND		1600	140	ND		1700	140
Arsenic, Total	7440-38-2	16000	16000	12000		610	80	5400		520	70	6200		520	70
Barium, Total	7440-39-3	400000	400000	50000		3600	260	11000		3100	220	37000		3100	220
Beryllium, Total	7440-41-7	590000	72000	740		360	110	180	J	310	90	230	J	310	90
Cadmium, Total	7440-43-9	9300	4300	40	J	240	30	720		210	30	430		210	30
Calcium, Total	7440-70-2			73000000		610000	74000	140000000		520000	63000	120000000		520000	64000
Chromium, Total	7440-47-3	1500000	180000	13000		2400	570	6900		2100	480	14000		2100	490
Cobalt, Total	7440-48-4			5900		610	70	2800		520	60	3200		520	60
Copper, Total	7440-50-8	270000	270000	11000		2400	240	6600		2100	200	9900		2100	200
Iron, Total	7439-89-6			28000000		240000	25000	9700000		210000	21000	10000000		210000	22000
Lead, Total	7439-92-1	1000000	400000	28000		730	180	35000		620	150	28000		630	150
Magnesium, Total	7439-95-4			15000000		120000	15000	68000000		100000	13000	53000000		100000	13000
Manganese, Total	7439-96-5	10000000	2000000	450000		2400	540	260000		2100	460	320000		2100	460
Mercury, Total	7439-97-6	2800	810	ND		80	52	ND		90	59	ND		68	45
Nickel, Total	7440-02-0	310000	310000	17000		1200	320	6100		1000	280	10000		1000	280
Potassium, Total	7440-09-7			2800000		120000	19000	580000		100000	16000	940000		100000	17000
Selenium, Total	7782-49-2	1500000	180000	4400		2400	920	1000	J	2100	780	1300	J	2100	790
Silver, Total	7440-22-4	1500000	180000	170	J	610	60	460	J	520	50	610		520	50
Sodium, Total	7440-23-5			970000		180000	14000	120000	J	150000	12000	150000	J	160000	12000
Thallium, Total	7440-28-0			70	J	490	60	110	J	410	50	ND		420	50
Vanadium, Total	7440-62-2			16000		1200	460	ND		1000	390	9100		1000	400
Zinc, Total	7440-66-6	10000000	10000000	15000		12000	3200	200000		10000	2700	100000		10000	2700
GENERAL CHEMISTRY															
Solids, Total	NONE			78.8		0.1	NA	92.3		0.1	NA	91.7		0.1	NA
Moisture	NONE			21.2		0.1	NA	7.7		0.1	NA	8.3		0.1	NA

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Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-15_0-1				1221_SS-15_1-2				1221_SS-16_0-1			
				L2169925-29				L2169925-30				L2169925-46			
				12/17/2021				12/17/2021				12/17/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	7.3	J	8.3	1.7	ND		7.7	1.6	480		140	31
Fluoranthene	206-44-0	500000	100000	240		8.3	0.58	1.3	J	7.7	0.54	9200		140	10
Naphthalene	91-20-3	500000	100000	72		8.3	1.5	ND		7.7	1.4	54	J	140	26
Benzo(a)anthracene	56-55-3	5600	1000	120		8.3	0.79	1	J	7.7	0.73	5000		140	14
Benzo(a)pyrene	50-32-8	1000	1000	110		8.3	0.99	ND		7.7	0.92	4300		140	18
Benzo(b)fluoranthene	205-99-2	5600	1000	160		8.3	0.79	1	J	7.7	0.73	5800		140	14
Benzo(k)fluoranthene	207-08-9	56000	3900	57		8.3	0.74	ND		7.7	0.69	2400		140	13
Chrysene	218-01-9	56000	3900	130		8.3	0.62	0.77	J	7.7	0.58	4400		140	11
Acenaphthylene	208-96-8	500000	100000	16		8.3	1	ND		7.7	0.96	44	J	140	18
Anthracene	120-12-7	500000	100000	20		8.3	0.66	ND		7.7	0.62	1100		140	12
Benzo(ghi)perylene	191-24-2	500000	100000	58		8.3	0.7	ND		7.7	0.66	2900		140	12
Fluorene	86-73-7	500000	100000	12		8.3	0.99	ND		7.7	0.92	390		140	18
Phenanthrene	85-01-8	500000	100000	120		8.3	0.7	1.2	J	7.7	0.66	4600		140	12
Dibenzo(a,h)anthracene	53-70-3	560	330	14		8.3	0.83	ND		7.7	0.77	750		140	14
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	75		8.3	0.99	ND		7.7	0.92	3200		140	18
Pyrene	129-00-0	500000	100000	190		8.3	0.58	1.2	J	7.7	0.54	7200		140	10
1-Methylnaphthalene	90-12-0			45		8.3	1.3	ND		7.7	1.2	63	J	140	23
2-Methylnaphthalene	91-57-6			51		8.3	2.4	ND		7.7	2.2	65	J	140	42
TOTAL METALS															
Aluminum, Total	7429-90-5			6900000		120000	18000	5200000		110000	16000	4200000		110000	16000
Antimony, Total	7440-36-0			ND		2000	170	ND		1800	150	330	J	1700	150
Arsenic, Total	7440-38-2	16000	16000	12000		620	80	5600		560	70	3500		540	70
Barium, Total	7440-39-3	400000	400000	79000		3700	260	32000		3300	240	60000		3300	230
Beryllium, Total	7440-41-7	590000	72000	720		370	110	400		330	100	240	J	330	100
Cadmium, Total	7440-43-9	9300	4300	210	J	250	30	30	J	220	30	1200		220	30
Calcium, Total	7440-70-2			20000000		620000	75000	110000000		560000	68000	190000000		540000	66000
Chromium, Total	7440-47-3	1500000	180000	11000		2500	580	8300		2200	520	15000		2200	510
Cobalt, Total	7440-48-4			8000		620	70	5200		560	60	2800		540	60
Copper, Total	7440-50-8	270000	270000	17000		2500	240	9700		2200	220	31000		2200	210
Iron, Total	7439-89-6			20000000		250000	25000	16000000		220000	23000	8500000		220000	22000
Lead, Total	7439-92-1	1000000	400000	42000		740	180	18000		670	160	28000		650	160
Magnesium, Total	7439-95-4			8300000		120000	15000	42000000		110000	14000	15000000		110000	13000
Manganese, Total	7439-96-5	10000000	2000000	350000		2500	550	440000		2200	490	350000		2200	480
Mercury, Total	7439-97-6	2800	810	69	J	94	61	ND		74	48	91		82	54
Nickel, Total	7440-02-0	310000	310000	14000		1200	330	11000		1100	300	7500		1100	290
Potassium, Total	7440-09-7			720000		120000	20000	1700000		110000	18000	500000		110000	17000
Selenium, Total	7782-49-2	1500000	180000	3400		2500	930	2500		2200	840	990	J	2200	820
Silver, Total	7440-22-4	1500000	180000	3600		620	60	160	J	560	50	15000		540	50
Sodium, Total	7440-23-5			560000		180000	14000	680000		170000	13000	260000		160000	13000
Thallium, Total	7440-28-0			140	J	490	60	60	J	440	60	ND		440	60
Vanadium, Total	7440-62-2			16000		1200	470	11000		1100	420	9200		1100	410
Zinc, Total	7440-66-6	10000000	10000000	44000		12000	3200	11000		11000	2900	110000		11000	2800
GENERAL CHEMISTRY															
Solids, Total	NONE			80.2		0.1	NA	84.9		0.1	NA	89.7		0.1	NA
Moisture	NONE			19.8		0.1	NA	15.1		0.1	NA	10.3		0.1	NA

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Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-17_0-1				1221_SS-18_0-1				1221_SS-18_1-2			
				L2169925-42				L2169925-44				L2169925-45			
				12/17/2021				12/17/2021				12/17/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	1300		180	39	68		37	7.8	94		73	15
Fluoranthene	206-44-0	500000	100000	13000		180	13	1600		37	2.6	2900		73	5.1
Naphthalene	91-20-3	500000	100000	330		180	33	58		37	6.7	79		73	13
Benzo(a)anthracene	56-55-3	5600	1000	7300		180	18	930		37	3.5	1600		73	6.9
Benzo(a)pyrene	50-32-8	1000	1000	6000		180	22	780		37	4.4	1200		73	8.8
Benzo(b)fluoranthene	205-99-2	5600	1000	8000		180	18	1100		37	3.5	1600		73	6.9
Benzo(k)fluoranthene	207-08-9	56000	3900	2800		180	17	370		37	3.3	510		73	6.6
Chrysene	218-01-9	56000	3900	6000		180	14	800		37	2.8	1200		73	5.5
Acenaphthylene	208-96-8	500000	100000	110	J	180	23	110		37	4.6	280		73	9.1
Anthracene	120-12-7	500000	100000	2500		180	15	220		37	3	510		73	5.8
Benzo(ghi)perylene	191-24-2	500000	100000	3000		180	16	380		37	3.2	650		73	6.2
Fluorene	86-73-7	500000	100000	1200		180	22	78		37	4.4	220		73	8.8
Phenanthrene	85-01-8	500000	100000	8600		180	16	830		37	3.2	2100		73	6.2
Dibenzo(a,h)anthracene	53-70-3	560	330	910		180	18	120		37	3.7	200		73	7.3
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	3800		180	22	500		37	4.4	810		73	8.8
Pyrene	129-00-0	500000	100000	10000		180	13	1200		37	2.6	2100		73	5.1
1-Methylnaphthalene	90-12-0			270		180	29	32	J	37	5.8	66	J	73	11
2-Methylnaphthalene	91-57-6			310		180	53	36	J	37	10	68	J	73	21
TOTAL METALS															
Aluminum, Total	7429-90-5			3500000		110000	16000	2900000		110000	16000	3900000		100000	16000
Antimony, Total	7440-36-0			230	J	1700	150	ND		1700	150	180	J	1700	140
Arsenic, Total	7440-38-2	16000	16000	5100		540	70	4900		540	70	4900		520	70
Barium, Total	7440-39-3	400000	400000	39000		3200	230	29000		3200	230	33000		3200	220
Beryllium, Total	7440-41-7	590000	72000	280	J	320	90	280	J	320	90	290	J	320	90
Cadmium, Total	7440-43-9	9300	4300	2800		220	30	140	J	220	30	660		210	30
Calcium, Total	7440-70-2			130000000		540000	66000	130000000		540000	66000	100000000		520000	64000
Chromium, Total	7440-47-3	1500000	180000	10000		2200	510	7900		2200	510	10000		2100	490
Cobalt, Total	7440-48-4			3800		540	60	4100		540	60	4300		520	60
Copper, Total	7440-50-8	270000	270000	14000		2200	210	16000		2200	210	11000		2100	200
Iron, Total	7439-89-6			130000000		220000	22000	12000000		220000	22000	12000000		210000	22000
Lead, Total	7439-92-1	1000000	400000	39000		650	160	32000		650	160	29000		630	150
Magnesium, Total	7439-95-4			48000000		110000	13000	58000000		110000	13000	42000000		100000	13000
Manganese, Total	7439-96-5	10000000	2000000	400000		2200	480	350000		2200	480	360000		2100	470
Mercury, Total	7439-97-6	2800	810	110		87	57	64	J	80	52	92		70	46
Nickel, Total	7440-02-0	310000	310000	9100		1100	290	9500		1100	290	11000		1000	280
Potassium, Total	7440-09-7			770000		110000	17000	700000		110000	17000	1100000		100000	17000
Selenium, Total	7782-49-2	1500000	180000	1400	J	2200	820	1600	J	2200	820	1600	J	2100	800
Silver, Total	7440-22-4	1500000	180000	37000		540	50	20000		540	50	28000		520	50
Sodium, Total	7440-23-5			140000	J	160000	13000	130000	J	160000	13000	130000	J	160000	12000
Thallium, Total	7440-28-0			ND		430	60	ND		430	60	ND		420	50
Vanadium, Total	7440-62-2			9500		1100	410	7600		1100	410	9400		1000	400
Zinc, Total	7440-66-6	10000000	10000000	71000		11000	2800	34000		11000	2800	44000		10000	2700
GENERAL CHEMISTRY															
Solids, Total	NONE			88		0.1	NA	89.1		0.1	NA	89.9		0.1	NA
Moisture	NONE			12		0.1	NA	10.9		0.1	NA	10.1		0.1	NA

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Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-19_0-1				1221_SS-19_1-2				1221_SS-20_0-1			
				L2169925-48				L2169925-49				L2169925-38			
				12/17/2021				12/17/2021				12/17/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	1.6	J	7.3	1.5	96		35	7.4	230		150	31
Fluoranthene	206-44-0	500000	100000	49		7.3	0.51	2000		35	2.4	12000		150	10
Naphthalene	91-20-3	500000	100000	2.3	J	7.3	1.3	63		35	6.3	440		150	27
Benzo(a)anthracene	56-55-3	5600	1000	26		7.3	0.69	1100		35	3.3	6300		150	14
Benzo(a)pyrene	50-32-8	1000	1000	27		7.3	0.87	1000		35	4.2	4600		150	18
Benzo(b)fluoranthene	205-99-2	5600	1000	42		7.3	0.69	1300		35	3.3	6400		150	14
Benzo(k)fluoranthene	207-08-9	56000	3900	12		7.3	0.66	440		35	3.2	2300		150	13
Chrysene	218-01-9	56000	3900	25		7.3	0.55	890		35	2.6	4900		150	11
Acenaphthylene	208-96-8	500000	100000	1.5	J	7.3	0.91	180		35	4.4	1800		150	18
Anthracene	120-12-7	500000	100000	4.5	J	7.3	0.58	360		35	2.8	1900		150	12
Benzo(ghi)perylene	191-24-2	500000	100000	16		7.3	0.62	600		35	3	2200		150	13
Fluorene	86-73-7	500000	100000	1.3	J	7.3	0.87	150		35	4.2	1100		150	18
Phenanthrene	85-01-8	500000	100000	16		7.3	0.62	1300		35	3	8900		150	13
Dibenzo(a,h)anthracene	53-70-3	560	330	3.2	J	7.3	0.73	170		35	3.5	740		150	15
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	18		7.3	0.87	710		35	4.2	2800		150	18
Pyrene	129-00-0	500000	100000	41		7.3	0.51	1600		35	2.4	8700		150	10
1-Methylnaphthalene	90-12-0			2.5	J	7.3	1.1	36		35	5.4	400		150	23
2-Methylnaphthalene	91-57-6			3	J	7.3	2.1	37		35	10	320		150	42
TOTAL METALS															
Aluminum, Total	7429-90-5			4700000		110000	16000	3800000		100000	15000	4000000		110000	16000
Antimony, Total	7440-36-0			ND		1700	140	ND		1700	140	ND		1800	150
Arsenic, Total	7440-38-2	16000	16000	4000		530	70	4100		520	70	5400		550	70
Barium, Total	7440-39-3	400000	400000	28000		3200	220	34000		3100	220	38000		3300	230
Beryllium, Total	7440-41-7	590000	72000	290	J	320	90	200	J	310	90	350		330	100
Cadmium, Total	7440-43-9	9300	4300	100	J	210	30	190	J	210	30	190	J	220	30
Calcium, Total	7440-70-2			96000000		530000	65000	110000000		520000	63000	100000000		550000	67000
Chromium, Total	7440-47-3	1500000	180000	9700		2100	500	7700		2100	480	8100		2200	510
Cobalt, Total	7440-48-4			5000		530	60	4000		520	60	4600		550	60
Copper, Total	7440-50-8	270000	270000	8100		2100	210	10000		2100	200	12000		2200	210
Iron, Total	7439-89-6			12000000		210000	22000	12000000		210000	21000	13000000		220000	23000
Lead, Total	7439-92-1	1000000	400000	16000		640	160	24000		620	150	41000		660	160
Magnesium, Total	7439-95-4			46000000		110000	13000	46000000		100000	13000	42000000		110000	14000
Manganese, Total	7439-96-5	10000000	2000000	340000		2100	470	470000		2100	460	410000		2200	490
Mercury, Total	7439-97-6	2800	810	ND		90	59	ND		69	45	119		90	59
Nickel, Total	7440-02-0	310000	310000	9300		1100	280	8900		1000	280	11000		1100	290
Potassium, Total	7440-09-7			620000		110000	17000	900000		100000	16000	700000		110000	17000
Selenium, Total	7782-49-2	1500000	180000	1200	J	2100	810	2000	J	2100	780	1600	J	2200	830
Silver, Total	7440-22-4	1500000	180000	1700		530	50	970		520	50	26000		550	50
Sodium, Total	7440-23-5			95000	J	160000	12000	170000		160000	12000	120000	J	160000	13000
Thallium, Total	7440-28-0			ND		430	60	100	J	420	50	ND		440	60
Vanadium, Total	7440-62-2			11000		1100	400	11000		1000	390	9900		1100	420
Zinc, Total	7440-66-6	10000000	10000000	28000		11000	2800	72000		10000	2700	33000		11000	2800
GENERAL CHEMISTRY															
Solids, Total	NONE			89.6		0.1	NA	92.6		0.1	NA	88.2		0.1	NA
Moisture	NONE			10.4		0.1	NA	7.4		0.1	NA	11.8		0.1	NA

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Exceeds NY commercial standards
Exceeds NY restricted residential standards

Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-21_0-1				1221_SS-22_0-1				1221_SS-22_1-2			
				L2169925-52				L2169925-57				L2169925-58			
				12/17/2021				12/17/2021				12/17/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	640		150	32	240		37	7.7	49		16	3.3
Fluoranthene	206-44-0	500000	100000	13000		150	11	3400		37	2.6	1000		16	1.1
Naphthalene	91-20-3	500000	100000	110	J	150	27	43		37	6.6	9.7	J	16	2.8
Benzo(a)anthracene	56-55-3	5600	1000	6600		150	14	1900		37	3.5	500		16	1.5
Benzo(a)pyrene	50-32-8	1000	1000	5800		150	18	1500		37	4.4	400		16	1.9
Benzo(b)fluoranthene	205-99-2	5600	1000	8300		150	14	2100		37	3.5	550		16	1.5
Benzo(k)fluoranthene	207-08-9	56000	3900	2800		150	14	900		37	3.3	200		16	1.4
Chrysene	218-01-9	56000	3900	6000		150	11	1600		37	2.7	440		16	1.2
Acenaphthylene	208-96-8	500000	100000	130	J	150	19	15	J	37	4.6	2.8	J	16	2
Anthracene	120-12-7	500000	100000	1600		150	12	500		37	2.9	120		16	1.3
Benzo(ghi)perylene	191-24-2	500000	100000	2800		150	13	540		37	3.1	240		16	1.4
Fluorene	86-73-7	500000	100000	630		150	18	210		37	4.4	44		16	1.9
Phenanthrene	85-01-8	500000	100000	7200		150	13	1900		37	3.1	490		16	1.4
Dibenzo(a,h)anthracene	53-70-3	560	330	860		150	15	140		37	3.7	69		16	1.6
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	3500		150	18	710		37	4.4	290		16	1.9
Pyrene	129-00-0	500000	100000	10000		150	11	2700		37	2.6	780		16	1.1
1-Methylnaphthalene	90-12-0			96	J	150	24	49		37	5.7	8.3	J	16	2.5
2-Methylnaphthalene	91-57-6			97	J	150	43	56		37	10	8.6	J	16	4.5
TOTAL METALS															
Aluminum, Total	7429-90-5			4300000		110000	17000	3000000		110000	16000	5700000		120000	18000
Antimony, Total	7440-36-0			ND		1800	150	ND		1800	150	ND		1900	160
Arsenic, Total	7440-38-2	16000	16000	4400		560	70	4100		550	70	4900		590	80
Barium, Total	7440-39-3	400000	400000	38000		3400	240	25000		3300	230	37000		3500	250
Beryllium, Total	7440-41-7	590000	72000	320	J	340	100	260	J	330	100	420		350	100
Cadmium, Total	7440-43-9	9300	4300	500		220	30	190	J	220	30	50	J	240	30
Calcium, Total	7440-70-2			110000000		560000	69000	120000000		550000	67000	120000000		590000	72000
Chromium, Total	7440-47-3	1500000	180000	8800		2200	530	8900		2200	520	9500		2400	550
Cobalt, Total	7440-48-4			3700		560	60	3700		550	60	3500		590	60
Copper, Total	7440-50-8	270000	270000	20000		2200	220	8900		2200	210	7000		2400	230
Iron, Total	7439-89-6			11000000		220000	23000	10000000		220000	23000	16000000		240000	24000
Lead, Total	7439-92-1	1000000	400000	59000		680	160	40000		660	160	17000		710	170
Magnesium, Total	7439-95-4			35000000		110000	14000	50000000		110000	14000	51000000		120000	14000
Manganese, Total	7439-96-5	10000000	2000000	330000		2200	500	340000		2200	490	280000		2400	520
Mercury, Total	7439-97-6	2800	810	63	J	86	56	ND		87	57	ND		77	50
Nickel, Total	7440-02-0	310000	310000	11000		1100	300	9200		1100	300	9200		1200	320
Potassium, Total	7440-09-7			730000		110000	18000	670000		110000	18000	1400000		120000	19000
Selenium, Total	7782-49-2	1500000	180000	1400	J	2200	850	1100	J	2200	840	2600		2400	890
Silver, Total	7440-22-4	1500000	180000	47000		560	60	20000		550	50	2700		590	60
Sodium, Total	7440-23-5			210000		170000	13000	130000	J	170000	13000	150000	J	180000	14000
Thallium, Total	7440-28-0			ND		450	60	ND		440	60	90	J	470	60
Vanadium, Total	7440-62-2			11000		1100	430	8300		1100	420	10000		1200	450
Zinc, Total	7440-66-6	10000000	10000000	110000		11000	2900	44000		11000	2900	15000		12000	3100
GENERAL CHEMISTRY															
Solids, Total	NONE			86.3		0.1	NA	89.4		0.1	NA	81.6		0.1	NA
Moisture	NONE			13.7		0.1	NA	10.6		0.1	NA	18.4		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

Exceeds NY commercial standards
Exceeds NY restricted residential standards

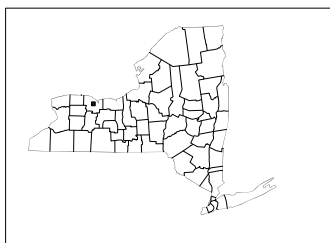
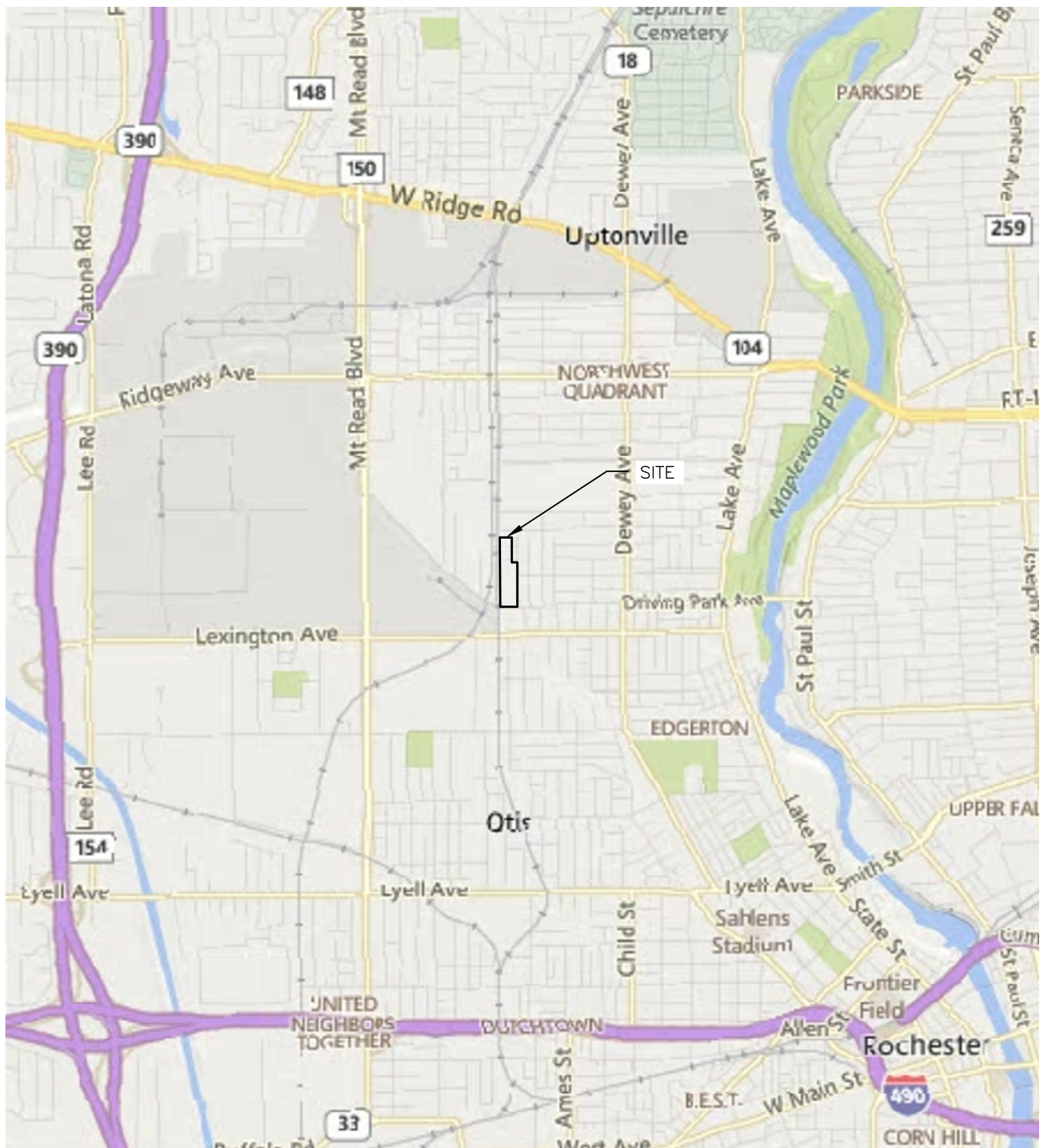
Table 1
Surface Soil Sampling Results
December 2021
Rochester Driving Park
Rochester, New York

		NY_SOIL_REST_USE_ PPH_COMMERCIAL_1 2/06	NY_SOIL_REST_USE_ PPH_RESTRICTED RESIDENTIAL_12/06	1221_SS-23_0-1				1221_SS-24_0-1				1221_SS-24_0-1 DUP			
				L2169925-50				L2169925-54				L2169925-55			
				12/17/2021				12/17/2021				12/17/2021			
ANALYTE	CAS	(ug/kg)	(ug/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM															
Acenaphthene	83-32-9	500000	100000	4300		750	160	830		180	37	1100		190	39
Fluoranthene	206-44-0	500000	100000	44000		750	53	13000		180	12	17000		190	13
Naphthalene	91-20-3	500000	100000	1000		750	140	99	J	180	32	79	J	190	33
Benzo(a)anthracene	56-55-3	5600	1000	23000		750	72	6600		180	17	8900		190	18
Benzo(a)pyrene	50-32-8	1000	1000	19000		750	90	5600		180	21	6800		190	22
Benzo(b)fluoranthene	205-99-2	5600	1000	27000		750	72	7400		180	17	9700		190	18
Benzo(k)fluoranthene	207-08-9	56000	3900	9400		750	68	2400		180	16	2600		190	17
Chrysene	218-01-9	56000	3900	19000		750	56	5600		180	13	7200		190	14
Acenaphthylene	208-96-8	500000	100000	140	J	750	94	65	J	180	22	240		190	23
Anthracene	120-12-7	500000	100000	7400		750	60	2200		180	14	3200		190	15
Benzo(ghi)perylene	191-24-2	500000	100000	8500		750	64	2700		180	15	3000		190	16
Fluorene	86-73-7	500000	100000	3900		750	90	750	J	180	21	1200	J	190	22
Phenanthrene	85-01-8	500000	100000	30000		750	64	7700		180	15	11000		190	16
Dibenzo(a,h)anthracene	53-70-3	560	330	2700		750	75	740		180	18	870		190	19
Indeno(1,2,3-cd)pyrene	193-39-5	5600	500	10000		750	90	3400		180	21	3800		190	22
Pyrene	129-00-0	500000	100000	34000		750	53	11000		180	12	14000		190	13
1-Methylnaphthalene	90-12-0			790		750	120	100	J	180	27	120	J	190	29
2-Methylnaphthalene	91-57-6			990		750	210	110	J	180	50	100	J	190	53
TOTAL METALS															
Aluminum, Total	7429-90-5			6500000		110000	16000	4900000		100000	15000	4800000		110000	16000
Antimony, Total	7440-36-0			ND		1800	150	150	J	1600	140	ND		1800	150
Arsenic, Total	7440-38-2	16000	16000	5100		560	70	3600		500	70	4000		550	70
Barium, Total	7440-39-3	400000	400000	48000		3400	240	58000		3000	210	52000		3300	230
Beryllium, Total	7440-41-7	590000	72000	430		340	100	280	J	300	90	290	J	330	100
Cadmium, Total	7440-43-9	9300	4300	300		220	30	480		200	30	400		220	30
Calcium, Total	7440-70-2			48000000		560000	68000	110000000		500000	61000	130000000		550000	67000
Chromium, Total	7440-47-3	1500000	180000	8800		2200	520	8000		2000	470	8600		2200	510
Cobalt, Total	7440-48-4			3600		560	60	3300		500	50	3400		550	60
Copper, Total	7440-50-8	270000	270000	15000		2200	220	12000		2000	200	12000		2200	210
Iron, Total	7439-89-6			13000000		220000	23000	10000000		200000	21000	11000000		220000	23000
Lead, Total	7439-92-1	1000000	400000	37000		670	160	31000		600	150	33000		660	160
Magnesium, Total	7439-95-4			16000000		110000	14000	32000000		100000	12000	39000000		110000	14000
Manganese, Total	7439-96-5	10000000	2000000	250000		2200	500	320000		2000	450	370000		2200	490
Mercury, Total	7439-97-6	2800	810	120		88	57	1040		84	55	1080		89	58
Nickel, Total	7440-02-0	310000	310000	7500		1100	300	7600		1000	270	8100		1100	290
Potassium, Total	7440-09-7			520000		110000	18000	580000	J	100000	16000	650000		110000	17000
Selenium, Total	7782-49-2	1500000	180000	1600	J	2200	840	1200	J	2000	760	1300	J	2200	830
Silver, Total	7440-22-4	1500000	180000	9600		560	50	4200		500	50	4900		550	50
Sodium, Total	7440-23-5			190000		170000	13000	250000		150000	12000	270000		160000	13000
Thallium, Total	7440-28-0			ND		450	60	ND		400	50	ND		440	60
Vanadium, Total	7440-62-2			13000		1100	420	11000		1000	380	12000		1100	420
Zinc, Total	7440-66-6	10000000	10000000	64000		11000	2900	53000		10000	2600	51000		11000	2800
GENERAL CHEMISTRY															
Solids, Total	NONE			85.9		0.1	NA	93.8		0.1	NA	88.8		0.1	NA
Moisture	NONE			14.1		0.1	NA	6.2		0.1	NA	11.2		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

Exceeds NY commercial standards
Exceeds NY restricted residential standards

FIGURES



NEW YORK STATE



SCALE: 1"=3000'

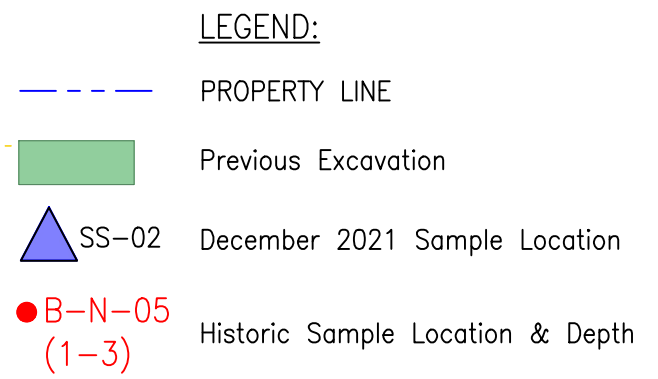
FIGURE 1

CORTEVA
666 DRIVING PARK SITE
ROCHESTER, NEW YORK

SITE LOCATION MAP

PARSONS

301 PLAINFIELD ROAD • SUITE 350 • SYRACUSE, NY 13212 • 315/451-9560
OFFICES IN PRINCIPAL CITIES

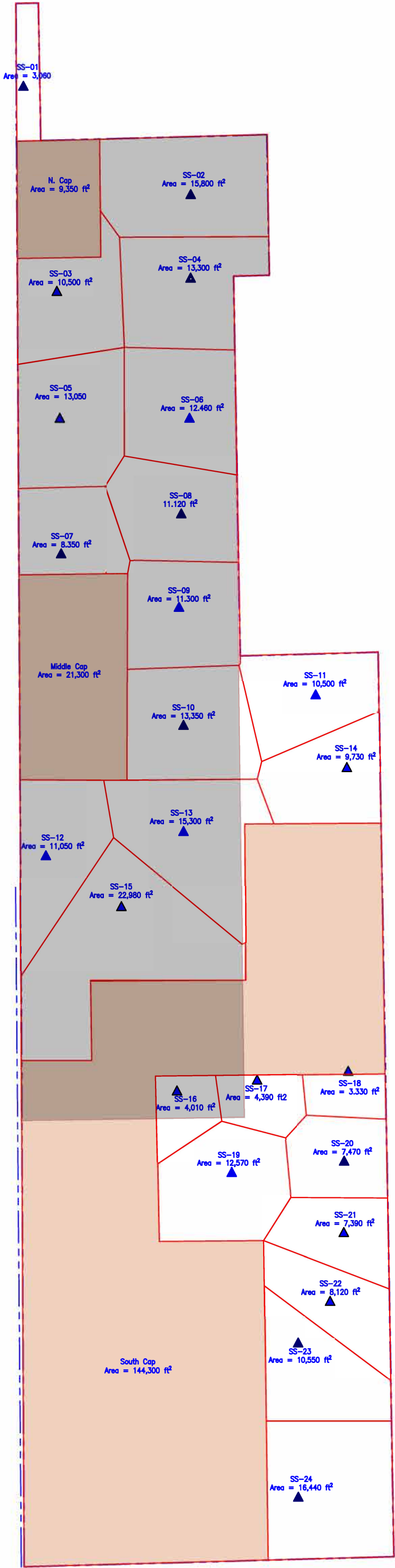


CORTEVA
666 DRIVING PARK SITE
ROCHESTER, NEW YORK

Surface Soil Sample Locations
(0 to 2 feet)



301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 PHONE: (315) 451-9560



LEGEND:

- PROPERTY LINE
- Sample Location & Thiessen Polygon
- Weathered Asphalt Parking Lot
- Previously Determined CAP

NOT TO SCALE

FIGURE 3
CORTEVA 666 DRIVING PARK SITE ROCHESTER, NEW YORK
December 2021 Soil Sample Locations and Thiessen Polygons
PARSONS 301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 PHONE: (315) 451-9560

ATTACHMENT A – Geophysical Clearance Summary



Job Summary

Job Date : 12/8/2021

Customer	Parsons Environment & Infrastructure Group, Inc.	Phone Number	(607) 345-2147

Billing Address	City	State	Zip
301 Plainfield Rd, Suite 350	Syracuse	NY	13212

Job Details

Jobsite Location	666 DRIVING PARK AVENUE
City	ROCHESTER
State	NY

WA Number	315146
Job Num	
PO Num	452278.02022-00

Lead Technician	STARR, NICHOLAS	Phone	315-715-2909	Email	nicholas.starr@gprsinc.com

Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS technician on this project.

EQUIPMENT USED

The following equipment was used on this project:

- Underground Scanning GPR antenna. Typically capable of detecting objects up to 8' deep or more in ideal conditions but maximum effective depth can vary widely and depends on site and soil conditions. Depth penetration is most commonly limited by moisture and clay/conductive soils. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.
- Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.

Work Performed

Ground Penetrating Radar Systems performed the following work on this project:

Underground Utility

The scope of work included scanning the specified area to locate underground utilities. A tracer signal was sent along any accessible metallic utility or tracer wire, and the area was scanned with GPR to locate any additional targets. The locations of any detected utilities and anomalies were marked directly at the site with paint, flags, stakes, or other appropriate means, and results were reviewed with onsite personnel unless otherwise noted.

- The scope of work included scanning the areas around proposed soil borings. A radius of approximately 10' around each proposed soil boring was scanned unless otherwise noted. A total of 34 boring locations were scanned.
- Clear a radius around approximately 34 boring locations.
- The effective depth of GPR will vary throughout a site depending on surface and soil conditions. In this area, the maximum effective GPR depth was approximately 0-4 feet.



Job Summary

Job Date : 12/8/2021

- A blanket of snow covered the site which made potential physical utility structures harder to locate. Manholes and catch basins were discovered on site.

The area has been cleared of all buildings and other associated structures. While utilities may still be present in the ground, it is suspected that the majority have since been abandoned. Multiple foundations and other brick/concrete still exists.

Site contact advised that borings will take place approximately 2' maximum into the ground by hand. Boring locations were deemed clear unless otherwise stated.

B-6 was moved due to unknown

B-9 has an unknown nearby

B-15 has an unknown nearby

B-19 has multiple unknowns nearby

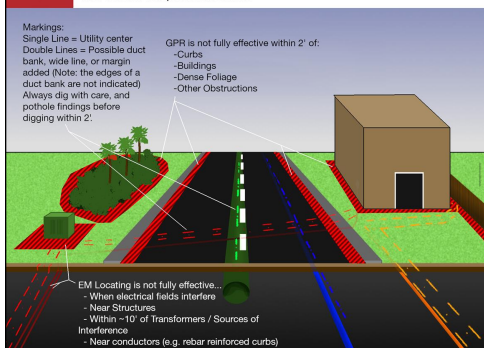
Extra caution needs to be utilized around the B-8 area delineation however continued caution should be used at all locations. GPR imagery through the southern half of the site was highly anomalous. Utilities may blend in with the background imagery.

Pictures



Common Utility Locating Limitations

There are many limitations to locating utilities, due to a variety of factors, with several more common examples illustrated here.



Utility Limitations



B-9



Job Summary

Job Date : 12/8/2021



B-15



B-19



B-6

TERMS & CONDITIONS

https://www.gp-radar.com/legal/terms-conditions?utm_source=jobsummary&utm_medium=referral



Job Summary

Job Date : 12/8/2021

SIGNATURE

A handwritten signature in black ink, appearing to be "J. Mikochik", is written over the "SIGNATURE" label. The signature is fluid and cursive, with a large initial 'J' and 'M'.

Contact Name

James Mikochik (607) 345-2147 james.mikochik@parsons.com

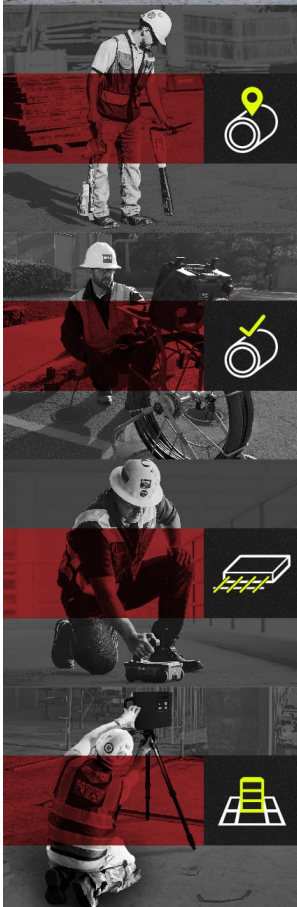


Job Summary

Job Date : 12/8/2021



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UTILITY LOCATING

To ensure the overall timely success of your project, utility detection is critical to any construction project where subsurface excavation is planned. If this critical first step is ignored, the risk for injury increases, budget overruns can multiply and your schedule can be delayed.

VIDEO PIPE INSPECTION

Video Pipe Inspection (CCTV) is a service used to inspect underground water, sewer and lateral pipelines. VPI is a great tool for investigating cross-bores, structural faults and damages, and lateral line inspection.

CONCRETE IMAGING

With new build construction and renovation projects, the likelihood of needing to cut or core concrete is high. There is an inherent risk of striking rebar, conduits, and post tension cables during the cutting or coring process. Our industry-leading concrete scanning services can mitigate the risks associated with saw cutting and core drilling concrete slabs.

MAPPING & MODELING

As-built utility maps, structural as-built drawings, and facility maps are actually meant to be "as-intended" drawings as the construction process or renovations can cause deviations to the original plan. GPRS can create a comprehensive facility map that contains precise as-built conditions – giving you peace of mind by knowing exactly what exists on your property.

ATTACHMENT B – Air Monitoring Data

VOC MONITORING - UPWIND - 12-15-21

21/12/15 15:53

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-925680
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID RAE00030
User ID USER0000

Begin 12/15/2021 15:53:51
End 12/15/2021 16:01:47
Sample Period(s) 60
Number of Records 7

Sensor PID(ppm)
Sensor SN S023030081V8
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/9/2021 13:54
Peak 0.0
Min 0.0
Average 0.0

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/15/2021 15:54:51	0.0	0.0	0.0	0.0	
002	12/15/2021 15:55:51	0.0	0.0	0.0	0.0	
003	12/15/2021 15:56:51	0.0	0.0	0.0	0.0	
004	12/15/2021 15:57:51	0.0	0.0	0.0	0.0	
005	12/15/2021 15:58:51	0.0	0.0	0.0	0.0	
006	12/15/2021 15:59:51	0.0	0.0	0.0	0.0	
007	12/15/2021 16:00:51	0.0	0.0	0.0	0.0	
Peak	0.0	0.0	0.0	0.0		
Min	0.0	0.0	0.0	0.0		
Average	0.0	0.0	0.0	0.0		

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)	
001	12/15/2021 15:54:51	0.0	0.0	---
002	12/15/2021 15:55:51	0.0	0.0	---
003	12/15/2021 15:56:51	0.0	0.0	---
004	12/15/2021 15:57:51	0.0	0.0	---
005	12/15/2021 15:58:51	0.0	0.0	---
006	12/15/2021 15:59:51	0.0	0.0	---
007	12/15/2021 16:00:51	0.0	0.0	---

=====

21/12/15 16:09

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-925680
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID RAE00030
User ID USER0000

Begin 12/15/2021 16:09:22
End 12/15/2021 16:18:35
Sample Period(s) 60
Number of Records 9

Sensor PID(ppm)
Sensor SN S023030081V8
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/15/2021 16:09
Peak 0.0
Min 0.0
Average 0.0

Datalog

Index	Date/Time	PID(ppm)		PID(ppm)		PID(ppm)		PID(ppm)
		(Min)	(Avg)	(Max)	(Real)			
001	12/15/2021 16:10:22	0.0	0.0	0.0	0.1	0.0		
002	12/15/2021 16:11:22	0.0	0.0	0.0	0.0	0.0		
003	12/15/2021 16:12:22	0.0	0.0	0.0	0.0	0.0		
004	12/15/2021 16:13:22	0.0	0.0	0.0	0.0	0.0		
005	12/15/2021 16:14:22	0.0	0.0	0.0	0.0	0.0		
006	12/15/2021 16:15:22	0.0	0.0	0.0	0.0	0.0		
007	12/15/2021 16:16:22	0.0	0.0	0.0	0.0	0.0		
008	12/15/2021 16:17:22	0.0	0.0	0.0	0.0	0.0		
009	12/15/2021 16:18:22	0.0	0.0	0.0	0.0	0.0		
Peak		0.0	0.0	0.1	0.0			
Min		0.0	0.0	0.0	0.0			
Average		0.0	0.0	0.0	0.0			

TWA/STEL

Index	Date/Time	PID(ppm)	
		(TWA)	(STEL)
001	12/15/2021 16:10:22	0.0	---
002	12/15/2021 16:11:22	0.0	---
003	12/15/2021 16:12:22	0.0	---
004	12/15/2021 16:13:22	0.0	---
005	12/15/2021 16:14:22	0.0	---
006	12/15/2021 16:15:22	0.0	---
007	12/15/2021 16:16:22	0.0	---
008	12/15/2021 16:17:22	0.0	---
009	12/15/2021 16:18:22	0.0	---

=====

21/12/15 16:20

Summary

Unit Name MiniRAE 3000(PGM-7320)

Unit SN 592-925680

Unit Firmware Ver V2.16

Running Mode Hygiene Mode

Datalog Mode Auto

Diagnostic Mode No

Stop Reason Pause in Menu Mode

Site ID RAE00030

User ID USER0000

Begin 12/15/2021 16:20:04

End 12/15/2021 16:20:07

Sample Period(s) 900

Number of Records 0

Sensor PID(ppm)

Sensor SN S023030081V8

Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/15/2021 16:09

Datalog

0 record.

=====

21/12/15 14:08

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-925680
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID RAE00030
User ID USER0000

Begin 12/15/2021 14:08:22
End 12/15/2021 16:46:47
Sample Period(s) 900
Number of Records 10

Sensor PID(ppm)
Sensor SN S023030081V8
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/15/2021 16:09
Peak 0.1
Min 0.0

Average 0.1

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/15/2021 14:23:22	0.0	0.0	0.0	0.0	0.0
002	12/15/2021 14:38:22	0.0	0.0	0.0	0.1	0.1
003	12/15/2021 14:53:22	0.1	0.1	0.1	0.1	0.1
004	12/15/2021 15:08:22	0.1	0.1	0.1	0.1	0.1
005	12/15/2021 15:23:22	0.1	0.1	0.1	0.1	0.1
006	12/15/2021 15:38:22	0.1	0.1	0.1	0.1	0.1
007	12/15/2021 15:53:22	0.1	0.1	0.1	0.1	0.1
008	12/15/2021 16:08:22	0.1	0.1	0.1	0.1	0.1
009	12/15/2021 16:23:22	0.1	0.1	0.1	0.1	0.1
010	12/15/2021 16:38:22	0.1	0.1	0.1	0.2	0.1
Peak		0.1	0.1	0.2	0.1	
Min		0.0	0.0	0.0	0.0	
Average		0.1	0.1	0.1	0.1	

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/15/2021 14:23:22	0.0	0.0
002	12/15/2021 14:38:22	0.0	0.1
003	12/15/2021 14:53:22	0.0	0.2
004	12/15/2021 15:08:22	0.0	0.2
005	12/15/2021 15:23:22	0.0	0.2
006	12/15/2021 15:38:22	0.0	0.2
007	12/15/2021 15:53:22	0.0	0.2
008	12/15/2021 16:08:22	0.0	0.2
009	12/15/2021 16:23:22	0.0	0.2
010	12/15/2021 16:38:22	0.0	0.2

VOC MONITORING - DOWNWIND - 12-15-21

21/12/15 14:40

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-908404
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID RAE00007
User ID 00000001

Begin 12/15/2021 14:40:32
End 12/15/2021 14:47:20
Sample Period(s) 60
Number of Records 6

Sensor PID(ppm)
Sensor SN S023030567U7
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 434.8
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/9/2021 12:41
Peak 0.1
Min 0.0
Average 0.1

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/15/2021 14:41:32	0.0	0.1	0.1	0.1	
002	12/15/2021 14:42:32	0.0	0.1	0.1	0.1	
003	12/15/2021 14:43:32	0.0	0.1	0.1	0.0	
004	12/15/2021 14:44:32	0.0	0.1	0.1	0.1	
005	12/15/2021 14:45:32	0.1	0.1	0.1	0.1	
006	12/15/2021 14:46:32	0.1	0.1	0.1	0.1	
Peak	0.1	0.1	0.1	0.1		
Min	0.0	0.1	0.1	0.0		
Average	0.0	0.1	0.1	0.1		

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)	
001	12/15/2021 14:41:32	0.0	0.0	---
002	12/15/2021 14:42:32	0.0	0.0	---
003	12/15/2021 14:43:32	0.0	0.0	---
004	12/15/2021 14:44:32	0.0	0.0	---
005	12/15/2021 14:45:32	0.0	0.0	---
006	12/15/2021 14:46:32	0.0	0.0	---

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21/12/15 14:53

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-908404
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID RAE00007
User ID 00000001

Begin 12/15/2021 14:53:37
End 12/15/2021 14:53:42
Sample Period(s) 60
Number of Records 0

Sensor PID(ppm)
Sensor SN S023030567U7
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 434.8
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/9/2021 12:41

Datalog

0 record.

=====

21/12/15 14:56

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-908404
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID RAE00007
User ID 00000001

Begin 12/15/2021 14:56:59
End 12/15/2021 15:08:20
Sample Period(s) 60
Number of Records 11

Sensor PID(ppm)
Sensor SN S023030567U7
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 434.8
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/15/2021 14:56
Peak 0.3
Min 0.2
Average 0.3

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/15/2021 14:57:59	0.0	8.1	100.2	0.2	
002	12/15/2021 14:58:59	0.2	0.2	0.2	0.2	
003	12/15/2021 14:59:59	0.2	0.3	0.4	0.3	
004	12/15/2021 15:00:59	0.2	0.3	0.3	0.2	
005	12/15/2021 15:01:59	0.2	0.3	0.3	0.3	
006	12/15/2021 15:02:59	0.3	0.3	0.4	0.3	
007	12/15/2021 15:03:59	0.3	0.3	0.3	0.3	
008	12/15/2021 15:04:59	0.2	0.3	0.4	0.3	
009	12/15/2021 15:05:59	0.2	0.3	0.3	0.2	
010	12/15/2021 15:06:59	0.2	0.3	0.3	0.3	
011	12/15/2021 15:07:59	0.2	0.3	0.4	0.3	
Peak		0.3	8.1	100.2	0.3	

Min	0.0	0.2	0.2	0.2
Average	0.2	1.0	9.4	0.3

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/15/2021 14:57:59	0.0	---
002	12/15/2021 14:58:59	0.0	---
003	12/15/2021 14:59:59	0.0	---
004	12/15/2021 15:00:59	0.0	---
005	12/15/2021 15:01:59	0.0	---
006	12/15/2021 15:02:59	0.0	---
007	12/15/2021 15:03:59	0.0	---
008	12/15/2021 15:04:59	0.0	---
009	12/15/2021 15:05:59	0.0	---
010	12/15/2021 15:06:59	0.0	---
011	12/15/2021 15:07:59	0.0	---

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21/12/15 14:10

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908404
Unit Firmware Ver	V2.16

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID RAE00007
User ID 00000001

Begin	12/15/2021 14:10:43
End	12/15/2021 14:10:49
Sample Period(s)	60
Number of Records	0

Sensor	PID(ppm)
Sensor SN	S023030567U7
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	434.8
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	12/15/2021 14:56

Datalog

0 record.

=====

21/12/15 14:11

Summary

Unit Name MiniRAE 3000(PGM-7320)

Unit SN 592-908404

Unit Firmware Ver V2.16

Running Mode Hygiene Mode

Datalog Mode Auto

Diagnostic Mode No

Stop Reason Power Down

Site ID RAE00007

User ID 00000001

Begin 12/15/2021 14:11:32

End 12/15/2021 16:48:11

Sample Period(s) 900

Number of Records 10

Sensor PID(ppm)

Sensor SN S023030567U7

Measure Type Min; Avg; Max; Real

Span 100.0

Span 2 434.8

Low Alarm 50.0

High Alarm 100.0

Over Alarm 15000.0

STEL Alarm 25.0

TWA Alarm 10.0

Measurement Gas Isobutylene

Calibration Time 12/15/2021 14:56

Peak 0.9

Min 0.3

Average 0.5

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/15/2021 14:26:32	0.3	0.4	0.8	0.4	
002	12/15/2021 14:41:32	0.3	0.4	0.5	0.5	
003	12/15/2021 14:56:32	0.4	0.5	0.6	0.6	
004	12/15/2021 15:11:32	0.3	0.4	0.6	0.3	

005	12/15/2021	15:26:32	0.3	0.6	0.7	0.5
006	12/15/2021	15:41:32	0.5	0.7	0.9	0.9
007	12/15/2021	15:56:32	0.5	0.7	0.9	0.6
008	12/15/2021	16:11:32	0.4	0.5	0.7	0.5
009	12/15/2021	16:26:32	0.3	0.4	0.6	0.4
010	12/15/2021	16:41:32	0.2	0.3	0.4	0.3
Peak		0.5	0.7	0.9	0.9	
Min		0.2	0.3	0.4	0.3	
Average		0.4	0.5	0.7	0.5	

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/15/2021 14:26:32	0.0	0.4
002	12/15/2021 14:41:32	0.0	0.9
003	12/15/2021 14:56:32	0.0	1.1
004	12/15/2021 15:11:32	0.1	0.9
005	12/15/2021 15:26:32	0.1	0.8
006	12/15/2021 15:41:32	0.1	1.4
007	12/15/2021 15:56:32	0.1	1.5
008	12/15/2021 16:11:32	0.1	1.1
009	12/15/2021 16:26:32	0.1	0.9
010	12/15/2021 16:41:32	0.2	0.7

VOC MONITORING - UPWIND - 12-16-21

=====
21/12/16 08:49

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-925680
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID RAE00030
User ID USER0000

Begin 12/16/2021 08:49:49
End 12/16/2021 08:50:14
Sample Period(s) 900
Number of Records 0

Sensor PID(ppm)
Sensor SN S023030081V8
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/15/2021 16:09

Datalog

0 record.

=====
21/12/16 08:55

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-925680
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No

Stop Reason Power Down

Site ID RAE00030

User ID USER0000

Begin 12/16/2021 08:55:31

End 12/16/2021 17:00:22

Sample Period(s) 900

Number of Records 32

Sensor PID(ppm)

Sensor SN S023030081V8

Measure Type Min; Avg; Max; Real

Span 100.0

Span 2 1000.0

Low Alarm 50.0

High Alarm 100.0

Over Alarm 15000.0

STEL Alarm 25.0

TWA Alarm 10.0

Measurement Gas Isobutylene

Calibration Time 12/16/2021 08:55

Peak 0.9

Min 0.6

Average 0.7

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/16/2021 09:10:31	0.4	0.7	5.3	0.7	
002	12/16/2021 09:25:31	0.7	0.7	0.9	0.8	
003	12/16/2021 09:40:31	0.8	0.8	0.9	0.8	
004	12/16/2021 09:55:31	0.8	0.8	0.9	0.8	
005	12/16/2021 10:10:31	0.8	0.9	0.9	0.9	
006	12/16/2021 10:25:31	0.8	0.9	1.0	0.9	
007	12/16/2021 10:40:31	0.8	0.9	0.9	0.8	
008	12/16/2021 10:55:31	0.8	0.8	0.9	0.8	
009	12/16/2021 11:10:31	0.8	0.8	0.9	0.8	
010	12/16/2021 11:25:31	0.8	0.8	1.0	0.8	
011	12/16/2021 11:40:31	0.7	0.8	0.9	0.8	
012	12/16/2021 11:55:31	0.7	0.8	0.8	0.7	
013	12/16/2021 12:10:31	0.6	0.7	0.8	0.7	
014	12/16/2021 12:25:31	0.6	0.7	0.7	0.7	
015	12/16/2021 12:40:31	0.6	0.7	0.7	0.7	
016	12/16/2021 12:55:31	0.6	0.7	0.7	0.7	
017	12/16/2021 13:10:31	0.6	0.6	0.7	0.6	
018	12/16/2021 13:25:31	0.5	0.6	0.7	0.6	
019	12/16/2021 13:40:31	0.5	0.6	0.7	0.6	
020	12/16/2021 13:55:31	0.6	0.6	0.7	0.6	
021	12/16/2021 14:10:31	0.6	0.6	0.7	0.6	
022	12/16/2021 14:25:31	0.6	0.6	0.7	0.6	

023	12/16/2021	14:40:31	0.5	0.6	0.7	0.6
024	12/16/2021	14:55:31	0.6	0.6	0.7	0.6
025	12/16/2021	15:10:31	0.5	0.6	0.7	0.7
026	12/16/2021	15:25:31	0.6	0.6	0.7	0.6
027	12/16/2021	15:40:31	0.6	0.6	0.7	0.6
028	12/16/2021	15:55:31	0.6	0.7	0.8	0.7
029	12/16/2021	16:10:31	0.6	0.7	0.8	0.7
030	12/16/2021	16:25:31	0.6	0.7	0.8	0.7
031	12/16/2021	16:40:31	0.6	0.7	0.8	0.7
032	12/16/2021	16:55:31	0.6	0.7	0.8	0.7
Peak		0.8	0.9	5.3	0.9	
Min		0.4	0.6	0.7	0.6	
Average		0.6	0.7	0.9	0.7	

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/16/2021 09:10:31	0.0	0.7
002	12/16/2021 09:25:31	0.0	1.5
003	12/16/2021 09:40:31	0.1	1.6
004	12/16/2021 09:55:31	0.1	1.6
005	12/16/2021 10:10:31	0.1	1.7
006	12/16/2021 10:25:31	0.2	1.8
007	12/16/2021 10:40:31	0.2	1.7
008	12/16/2021 10:55:31	0.2	1.6
009	12/16/2021 11:10:31	0.2	1.6
010	12/16/2021 11:25:31	0.3	1.6
011	12/16/2021 11:40:31	0.3	1.6
012	12/16/2021 11:55:31	0.3	1.5
013	12/16/2021 12:10:31	0.3	1.4
014	12/16/2021 12:25:31	0.3	1.4
015	12/16/2021 12:40:31	0.4	1.4
016	12/16/2021 12:55:31	0.4	1.4
017	12/16/2021 13:10:31	0.4	1.3
018	12/16/2021 13:25:31	0.4	1.2
019	12/16/2021 13:40:31	0.4	1.2
020	12/16/2021 13:55:31	0.5	1.2
021	12/16/2021 14:10:31	0.5	1.2
022	12/16/2021 14:25:31	0.5	1.2
023	12/16/2021 14:40:31	0.5	1.2
024	12/16/2021 14:55:31	0.5	1.2
025	12/16/2021 15:10:31	0.6	1.3
026	12/16/2021 15:25:31	0.6	1.3
027	12/16/2021 15:40:31	0.6	1.2
028	12/16/2021 15:55:31	0.6	1.3
029	12/16/2021 16:10:31	0.6	1.4
030	12/16/2021 16:25:31	0.7	1.4
031	12/16/2021 16:40:31	0.7	1.4
032	12/16/2021 16:55:31	0.7	1.4

VOC MONITORING - DOWNWIND - 12-16-21

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21/12/16 08:49

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-908404
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID RAE00007
User ID 00000001

Begin 12/16/2021 08:49:22
End 12/16/2021 08:49:28
Sample Period(s) 900
Number of Records 0

Sensor PID(ppm)
Sensor SN S023030567U7
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 434.8
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/15/2021 14:56

Datalog

0 record.

=====
21/12/16 08:56

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-908404
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No

Stop Reason Power Down

Site ID RAE00007

User ID 00000001

Begin 12/16/2021 08:56:45

End 12/16/2021 16:52:17

Sample Period(s) 900

Number of Records 31

Sensor PID(ppm)

Sensor SN S023030567U7

Measure Type Min; Avg; Max; Real

Span 100.0

Span 2 434.8

Low Alarm 50.0

High Alarm 100.0

Over Alarm 15000.0

STEL Alarm 25.0

TWA Alarm 10.0

Measurement Gas Isobutylene

Calibration Time 12/16/2021 08:54

Peak 0.1

Min 0.0

Average 0.0

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/16/2021 09:11:45	0.0	0.1	1.2	0.1	
002	12/16/2021 09:26:45	0.0	0.1	0.4	0.0	
003	12/16/2021 09:41:45	0.0	0.1	0.2	0.0	
004	12/16/2021 09:56:45	0.0	0.0	0.3	0.0	
005	12/16/2021 10:11:45	0.0	0.1	0.4	0.1	
006	12/16/2021 10:26:45	0.0	0.0	0.2	0.0	
007	12/16/2021 10:41:45	0.0	0.0	0.2	0.1	
008	12/16/2021 10:56:45	0.0	0.0	0.1	0.0	
009	12/16/2021 11:11:45	0.0	0.0	0.1	0.0	
010	12/16/2021 11:26:45	0.0	0.0	0.1	0.0	
011	12/16/2021 11:41:45	0.0	0.0	0.1	0.0	
012	12/16/2021 11:56:45	0.0	0.0	0.0	0.0	
013	12/16/2021 12:11:45	0.0	0.0	0.0	0.0	
014	12/16/2021 12:26:45	0.0	0.0	0.0	0.0	
015	12/16/2021 12:41:45	0.0	0.0	0.0	0.0	
016	12/16/2021 12:56:45	0.0	0.0	0.0	0.0	
017	12/16/2021 13:11:45	0.0	0.0	0.0	0.0	
018	12/16/2021 13:26:45	0.0	0.0	0.0	0.0	
019	12/16/2021 13:41:45	0.0	0.0	0.0	0.0	
020	12/16/2021 13:56:45	0.0	0.0	0.0	0.0	
021	12/16/2021 14:11:45	0.0	0.0	0.0	0.0	
022	12/16/2021 14:26:45	0.0	0.0	0.0	0.0	

023	12/16/2021	14:41:45	0.0	0.0	0.0	0.0
024	12/16/2021	14:56:45	0.0	0.0	0.0	0.0
025	12/16/2021	15:11:45	0.0	0.0	0.0	0.0
026	12/16/2021	15:26:45	0.0	0.0	0.0	0.0
027	12/16/2021	15:41:45	0.0	0.0	0.0	0.0
028	12/16/2021	15:56:45	0.0	0.0	0.4	0.0
029	12/16/2021	16:11:45	0.0	0.0	0.1	0.0
030	12/16/2021	16:26:45	0.0	0.0	0.0	0.0
031	12/16/2021	16:41:45	0.0	0.0	0.5	0.0
Peak		0.0	0.1	1.2	0.1	
Min		0.0	0.0	0.0	0.0	
Average		0.0	0.0	0.1	0.0	

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/16/2021 09:11:45	0.0	0.1
002	12/16/2021 09:26:45	0.0	0.1
003	12/16/2021 09:41:45	0.0	0.0
004	12/16/2021 09:56:45	0.0	0.0
005	12/16/2021 10:11:45	0.0	0.1
006	12/16/2021 10:26:45	0.0	0.1
007	12/16/2021 10:41:45	0.0	0.1
008	12/16/2021 10:56:45	0.0	0.1
009	12/16/2021 11:11:45	0.0	0.0
010	12/16/2021 11:26:45	0.0	0.0
011	12/16/2021 11:41:45	0.0	0.0
012	12/16/2021 11:56:45	0.0	0.0
013	12/16/2021 12:11:45	0.0	0.0
014	12/16/2021 12:26:45	0.0	0.0
015	12/16/2021 12:41:45	0.0	0.0
016	12/16/2021 12:56:45	0.0	0.0
017	12/16/2021 13:11:45	0.0	0.0
018	12/16/2021 13:26:45	0.0	0.0
019	12/16/2021 13:41:45	0.0	0.0
020	12/16/2021 13:56:45	0.0	0.0
021	12/16/2021 14:11:45	0.0	0.0
022	12/16/2021 14:26:45	0.0	0.0
023	12/16/2021 14:41:45	0.0	0.0
024	12/16/2021 14:56:45	0.0	0.0
025	12/16/2021 15:11:45	0.0	0.0
026	12/16/2021 15:26:45	0.0	0.0
027	12/16/2021 15:41:45	0.0	0.0
028	12/16/2021 15:56:45	0.0	0.0
029	12/16/2021 16:11:45	0.0	0.0
030	12/16/2021 16:26:45	0.0	0.0
031	12/16/2021 16:41:45	0.0	0.0

VOC MONITORING - UPWIND - 12-17-21

=====
21/12/17 07:35

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-925680
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID RAE00030
User ID USER0000

Begin 12/17/2021 07:35:36
End 12/17/2021 07:36:20
Sample Period(s) 900
Number of Records 0

Sensor PID(ppm)
Sensor SN S023030081V8
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/16/2021 08:55

Datalog

0 record.

=====
21/12/17 07:43

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-925680
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No

Stop Reason Power Down

Site ID RAE00030

User ID USER0000

Begin 12/17/2021 07:43:37

End 12/17/2021 07:51:33

Sample Period(s) 900

Number of Records 0

Sensor PID(ppm)

Sensor SN S023030081V8

Measure Type Min; Avg; Max; Real

Span 100.0

Span 2 1000.0

Low Alarm 50.0

High Alarm 100.0

Over Alarm 15000.0

STEL Alarm 25.0

TWA Alarm 10.0

Measurement Gas Isobutylene

Calibration Time 12/17/2021 07:43

Datalog

0 record.

=====
21/12/17 07:51

Summary

Unit Name MiniRAE 3000(PGM-7320)

Unit SN 592-925680

Unit Firmware Ver V2.16

Running Mode Hygiene Mode

Datalog Mode Auto

Diagnostic Mode No

Stop Reason Power Down

Site ID RAE00030

User ID USER0000

Begin 12/17/2021 07:51:56

End 12/17/2021 09:54:01

Sample Period(s) 900

Number of Records 8

Sensor PID(ppm)

Sensor SN S023030081V8

Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/17/2021 07:43
Peak 0.1
Min 0.0
Average 0.1

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/17/2021 08:06:56	0.0	0.0	0.0	0.0	0.0
002	12/17/2021 08:21:56	0.0	0.0	0.1	0.1	0.1
003	12/17/2021 08:36:56	0.0	0.1	0.1	0.1	0.1
004	12/17/2021 08:51:56	0.1	0.1	0.1	0.1	0.1
005	12/17/2021 09:06:56	0.0	0.1	0.1	0.1	0.0
006	12/17/2021 09:21:56	0.0	0.1	0.1	0.1	0.1
007	12/17/2021 09:36:56	0.0	0.0	0.1	0.1	0.0
008	12/17/2021 09:51:56	0.0	0.0	0.0	0.0	0.0
Peak		0.1	0.1	0.1	0.1	
Min		0.0	0.0	0.0	0.0	
Average		0.0	0.1	0.1	0.1	

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/17/2021 08:06:56	0.0	0.0
002	12/17/2021 08:21:56	0.0	0.1
003	12/17/2021 08:36:56	0.0	0.2
004	12/17/2021 08:51:56	0.0	0.2
005	12/17/2021 09:06:56	0.0	0.1
006	12/17/2021 09:21:56	0.0	0.1
007	12/17/2021 09:36:56	0.0	0.1
008	12/17/2021 09:51:56	0.0	0.0

=====

21/12/17 14:51

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-925680
Unit Firmware Ver V2.16

Running Mode Hygiene Mode

Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID RAE00030
User ID USER0000

Begin 12/17/2021 14:51:22
End 12/17/2021 15:27:21
Sample Period(s) 900
Number of Records 2

Sensor PID(ppm)
Sensor SN S023030081V8
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/17/2021 07:43
Peak 0.0
Min 0.0
Average 0.0

Datalog

	PID(ppm)	PID(ppm)	PID(ppm)	PID(ppm)
Index	Date/Time (Min)	(Avg)	(Max)	(Real)
001	12/17/2021 15:06:22	0.0	0.0	0.0
002	12/17/2021 15:21:22	0.0	0.0	0.0
Peak	0.0	0.0	0.0	0.0
Min	0.0	0.0	0.0	0.0
Average	0.0	0.0	0.0	0.0

TWA/STEL

	PID(ppm)	PID(ppm)
Index	Date/Time (TWA)	(STEL)
001	12/17/2021 15:06:22	0.0
002	12/17/2021 15:21:22	0.0

VOC MONITORING - DOWNWIND - 12-17-21

=====
21/12/17 07:36

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-908404
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID RAE00007
User ID 00000001

Begin 12/17/2021 07:36:36
End 12/17/2021 07:36:41
Sample Period(s) 900
Number of Records 0

Sensor PID(ppm)
Sensor SN S023030567U7
Measure Type Min; Avg; Max; Real
Span 100.0
Span 2 434.8
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 25.0
TWA Alarm 10.0
Measurement Gas Isobutylene
Calibration Time 12/16/2021 08:54

Datalog

0 record.

=====
21/12/17 07:45

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-908404
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No

Stop Reason Pause in Menu Mode

Site ID RAE00007

User ID 00000001

Begin 12/17/2021 07:45:43

End 12/17/2021 10:01:46

Sample Period(s) 900

Number of Records 9

Sensor PID(ppm)

Sensor SN S023030567U7

Measure Type Min; Avg; Max; Real

Span 100.0

Span 2 434.8

Low Alarm 50.0

High Alarm 100.0

Over Alarm 15000.0

STEL Alarm 25.0

TWA Alarm 10.0

Measurement Gas Isobutylene

Calibration Time 12/17/2021 07:45

Peak 2.1

Min 1.0

Average 1.6

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/17/2021 08:00:43	0.2	0.8	1.9	1.0	
002	12/17/2021 08:15:43	0.9	1.1	1.3	1.2	
003	12/17/2021 08:30:43	1.1	1.3	1.5	1.4	
004	12/17/2021 08:45:43	1.4	1.6	1.8	1.7	
005	12/17/2021 09:00:43	1.5	1.7	1.8	1.7	
006	12/17/2021 09:15:43	1.5	1.7	2.0	1.9	
007	12/17/2021 09:30:43	1.5	1.7	2.0	1.7	
008	12/17/2021 09:45:43	1.4	1.8	2.2	2.0	
009	12/17/2021 10:00:43	1.4	1.8	2.4	2.1	
Peak		1.5	1.8	2.4	2.1	
Min		0.2	0.8	1.3	1.0	
Average		1.2	1.5	1.9	1.6	

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/17/2021 08:00:43	0.0	1.0
002	12/17/2021 08:15:43	0.1	2.2
003	12/17/2021 08:30:43	0.1	2.6
004	12/17/2021 08:45:43	0.2	3.1
005	12/17/2021 09:00:43	0.2	3.4

006	12/17/2021 09:15:43	0.3	3.6
007	12/17/2021 09:30:43	0.3	3.6
008	12/17/2021 09:45:43	0.4	3.7
009	12/17/2021 10:00:43	0.5	4.1

21/12/17 10:02

Summary

Unit Name MiniRAE 3000(PGM-7320)
 Unit SN 592-908404
 Unit Firmware Ver V2.16

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Power Down

Site ID RAE00007
 User ID 00000001

Begin 12/17/2021 10:02:24
 End 12/17/2021 15:22:28
 Sample Period(s) 900
 Number of Records 21

Sensor PID(ppm)
 Sensor SN S023030567U7
 Measure Type Min; Avg; Max; Real
 Span 100.0
 Span 2 434.8
 Low Alarm 50.0
 High Alarm 100.0
 Over Alarm 15000.0
 STEL Alarm 25.0
 TWA Alarm 10.0
 Measurement Gas Isobutylene
 Calibration Time 12/17/2021 07:45
 Peak 0.0
 Min 0.0
 Average 0.0

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	PID(ppm)
001	12/17/2021 10:17:24	0.0	0.0	0.1	0.0	
002	12/17/2021 10:32:24	0.0	0.0	0.1	0.0	
003	12/17/2021 10:47:24	0.0	0.0	0.1	0.0	
004	12/17/2021 11:02:24	0.0	0.0	0.0	0.0	
005	12/17/2021 11:17:24	0.0	0.0	0.1	0.0	
006	12/17/2021 11:32:24	0.0	0.0	0.0	0.0	

007	12/17/2021	11:47:24	0.0	0.0	0.0	0.0
008	12/17/2021	12:02:24	0.0	0.0	0.0	0.0
009	12/17/2021	12:17:24	0.0	0.0	0.0	0.0
010	12/17/2021	12:32:24	0.0	0.0	0.0	0.0
011	12/17/2021	12:47:24	0.0	0.0	0.0	0.0
012	12/17/2021	13:02:24	0.0	0.0	0.0	0.0
013	12/17/2021	13:17:24	0.0	0.0	0.0	0.0
014	12/17/2021	13:32:24	0.0	0.0	0.0	0.0
015	12/17/2021	13:47:24	0.0	0.0	0.0	0.0
016	12/17/2021	14:02:24	0.0	0.0	0.0	0.0
017	12/17/2021	14:17:24	0.0	0.0	0.0	0.0
018	12/17/2021	14:32:24	0.0	0.0	0.0	0.0
019	12/17/2021	14:47:24	0.0	0.0	0.0	0.0
020	12/17/2021	15:02:24	0.0	0.0	0.0	0.0
021	12/17/2021	15:17:24	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.1	0.0	
Min		0.0	0.0	0.0	0.0	
Average		0.0	0.0	0.0	0.0	

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/17/2021 10:17:24	0.0	0.0
002	12/17/2021 10:32:24	0.0	0.0
003	12/17/2021 10:47:24	0.0	0.0
004	12/17/2021 11:02:24	0.0	0.0
005	12/17/2021 11:17:24	0.0	0.0
006	12/17/2021 11:32:24	0.0	0.0
007	12/17/2021 11:47:24	0.0	0.0
008	12/17/2021 12:02:24	0.0	0.0
009	12/17/2021 12:17:24	0.0	0.0
010	12/17/2021 12:32:24	0.0	0.0
011	12/17/2021 12:47:24	0.0	0.0
012	12/17/2021 13:02:24	0.0	0.0
013	12/17/2021 13:17:24	0.0	0.0
014	12/17/2021 13:32:24	0.0	0.0
015	12/17/2021 13:47:24	0.0	0.0
016	12/17/2021 14:02:24	0.0	0.0
017	12/17/2021 14:17:24	0.0	0.0
018	12/17/2021 14:32:24	0.0	0.0
019	12/17/2021 14:47:24	0.0	0.0
020	12/17/2021 15:02:24	0.0	0.0
021	12/17/2021 15:17:24	0.0	0.0

PARTICULATE MONITORING - UPWIND - 12-15-21

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141504
Firmware Version	3.9
Calibration Date	2/25/2020
Test Name	MANUAL_001
Test Start Time	2:14:05 PM
Test Start Date	12/15/2021
Test Length [D:H:M]	0:02:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.004
Photometric User Cal	0.81
Flow User Cal	0
Errors	
Number of Samples	10

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.022		
1800	0.017		
2700	0.015		
3600	0.013		
4500	0.012		
5400	0.011		
6300	0.011		
7200	0.009		
8100	0.008		
9000	0.007		

PARTICULATE MONITORING - DOWNWIND - 12-15-21

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123203
Firmware Version	3.7
Calibration Date	7/5/2017
Test Name	MANUAL_001
Test Start Time	2:15:25 PM
Test Start Date	12/15/2021
Test Length [D:H:M]	0:02:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.017
Mass TWA [mg/m3]	0.003
Photometric User Cal	0.81
Flow User Cal	0
Errors	
Number of Samples	10

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.014		
2700	0.012		
3600	0.011		
4500	0.011		
5400	0.011		
6300	0.01		
7200	0.009		
8100	0.009		
9000	0.007		

PARTICULATE MONITORING - UPWIND - 12-16-21

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141504
Firmware Version	3.9
Calibration Date	2/25/2020
Test Name	MANUAL_002
Test Start Time	9:04:30 AM
Test Start Date	12/16/2021
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.019
Mass TWA [mg/m3]	0.01
Photometric User Cal	0.81
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.009		
2700	0.008		
3600	0.008		
4500	0.008		
5400	0.007		
6300	0.006		
7200	0.007		
8100	0.007		
9000	0.008		
9900	0.008		
10800	0.01		
11700	0.01		
12600	0.019		
13500	0.01		
14400	0.01		
15300	0.01		
16200	0.011		
17100	0.011		
18000	0.011		
18900	0.011		
19800	0.011		
20700	0.011		
21600	0.012		
22500	0.012		
23400	0.012		
24300	0.012		
25200	0.013		
26100	0.013		
27000	0.014		
27900	0.014		

PARTICULATE MONITORING - DOWNWIND - 12-16-21

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123203
Firmware Version	3.7
Calibration Date	7/5/2017
Test Name	MANUAL_002
Test Start Time	9:00:33 AM
Test Start Date	12/16/2021
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.013
Mass TWA [mg/m3]	0.008
Photometric User Cal	0.81
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.007		
2700	0.007		
3600	0.007		
4500	0.007		
5400	0.006		
6300	0.007		
7200	0.006		
8100	0.006		
9000	0.007		
9900	0.007		
10800	0.009		
11700	0.008		
12600	0.007		
13500	0.007		
14400	0.007		
15300	0.008		
16200	0.008		
17100	0.008		
18000	0.009		
18900	0.009		
19800	0.009		
20700	0.009		
21600	0.01		
22500	0.01		
23400	0.01		
24300	0.01		
25200	0.012		
26100	0.011		
27000	0.011		
27900	0.011		

PARTICULATE MONITORING - UPWIND - 12-17-21

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141504
Firmware Version	3.9
Calibration Date	2/25/2020
Test Name	MANUAL_003
Test Start Time	7:48:23 AM
Test Start Date	12/17/2021
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.035
Mass TWA [mg/m3]	0.011
Photometric User Cal	0.81
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.027		
1800	0.019		
2700	0.018		
3600	0.02		
4500	0.019		
5400	0.017		
6300	0.016		
7200	0.013		
8100	0.035		
9000	0.011		
9900	0.01		
10800	0.01		
11700	0.009		
12600	0.008		
13500	0.007		
14400	0.006		
15300	0.007		
16200	0.007		
17100	0.008		
18000	0.009		
18900	0.008		
19800	0.008		
20700	0.008		
21600	0.008		
22500	0.008		
23400	0.007		
24300	0.008		
25200	0.008		
26100	0.01		
27000	0.01		

PARTICULATE MONITORING - DOWNWIND - 12-17-21

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123203
Firmware Version	3.7
Calibration Date	7/5/2017
Test Name	MANUAL_003
Test Start Time	7:50:17 AM
Test Start Date	12/17/2021
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.009
Photometric User Cal	0.81
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.02		
1800	0.017		
2700	0.018		
3600	0.021		
4500	0.017		
5400	0.018		
6300	0.014		
7200	0.01		
8100	0.024		
9000	0.008		
9900	0.007		
10800	0.007		
11700	0.019		
12600	0.008		
13500	0.005		
14400	0.005		
15300	0.005		
16200	0.006		
17100	0.004		
18000	0.006		
18900	0.004		
19800	0.004		
20700	0.004		
21600	0.003		
22500	0.003		
23400	0.003		
24300	0.004		
25200	0.004		
26100	0.005		
27000	0.005		

**ATTACHMENT C –Data Usability Summary Report and
Laboratory Analytical Data**

DATA USABILITY SUMMARY REPORT

DECEMBER 2021 SOIL SAMPLING ROCHESTER DRIVING PARK AVENUE SITE

NYSDEC SITE # C828142

Prepared For:

Corteva Agriscience™

Chestnut Run Plaza 735 / 1115-1974 Centre Road
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ATTACHMENT A – VALIDATED LABORATORY DATA

SECTION 1 DATA USABILITY SUMMARY

Soil samples were collected from the Corteva Driving Park Avenue site on December 15, 2021 through December 16, 2021. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Project Work Plan;
- USEPA analytical methodologies;
- USEPA Region 2 SOPs for organic and inorganic data review;
- *National Functional Guidelines for Organic Superfund Methods Data Review*, USEPA 540-R-20-005, November 2020; and
- *National Functional Guidelines for Inorganic Superfund Methods Data Review*, USEPA 542-R-20-006, November 2020.

The analytical laboratory for this project was Alpha Analytical. This laboratory is certified to perform project analyses through the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP).

1.1 Laboratory Data Packages

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 32 days for the project samples. The data packages received from Alpha Analytical were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation report which is summarized in Section 2.

1.2 Sampling and Chain-of-Custody

The samples were collected, properly preserved, shipped under a chain-of-custody (COC) record, and received at Alpha Analytical within one to two days of sampling. All samples were received intact and in good condition at the laboratory.

1.3 Laboratory Analytical Methods

Soil samples that were collected from the site were analyzed for polynuclear aromatic hydrocarbons (PAHs) and metals. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 and 1.3.2. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) are discussed in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

- "U" - not detected at the value given,
- "UJ" - estimated and not detected at the value given,
- "J" - estimated at the value given,
- "J+" - estimated biased high at the value given,
- "J-" - estimated biased low at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented in Attachment A.

1.3.1 PAH Analysis

The project samples were analyzed for PAHs using the USEPA SW-846 8270D SIM analytical method. Certain reported results for these samples were qualified as estimated based upon field duplicate precision; and qualified as not detected based upon blank contamination. The reported PAH analytical results were considered 100% complete (i.e., usable) for the project data presented by Alpha Analytical. PARCCS requirements were met.

1.3.2 Metals Analysis

The project samples were analyzed for metals using the USEPA SW-846 6020B/7471B analytical methods. Certain reported results for these samples were qualified as estimated based upon matrix spike/matrix spike duplicate (MS/MSD) recoveries, laboratory duplicate precision, and field duplicate precision; and qualified as not detected based upon blank contamination. The reported metals analytical results were considered 100% complete (i.e., usable) for the project data presented by Alpha Analytical. PARCCS requirements were met

SECTION 2.0 DATA VALIDATION REPORT

2.1 SOIL

Data review has been completed for data packages generated by Alpha Analytical containing soil samples collected from the site. Analytical results from these samples were contained within sample delivery group (SDG) L2169925. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A.

Data validation was performed for all samples in accordance with the analytical methodology, USEPA Region 2 SOPs for organic and inorganic data review, and the National Functional Guidelines. This data validation and usability report is presented by analysis type.

2.1.1 PAHs

The following items were reviewed for compliancy in the PAH analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard responses
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, blank contamination, and field duplicate precision as discussed below.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the high MS/MSD accuracy results for fluoranthene (280%R/170%R; QC limit 40-140%R), benzo(a)anthracene (220%R/170%R; QC limit 40-140%R), benzo(a)pyrene (170%R MS; QC limit 40-140%R), benzo(b)fluoranthene (200%R MS; QC limit 40-140%R), chrysene (170%R; QC limit 40-140%R), benzo(g,h,i)perylene (200%R/180%R; QC limit 40-140%R), indeno(1,2,3-cd)pyrene (250%R/200%R; QC limit 40-140%R), and pyrene (280%R/170%R; QC limit 35-142%R) during the spiked analyses of sample 1221_SS-08_0-1; and the low MS/MSD accuracy results for naphthalene (0%R MS; QC limit 40-140%R), 1-methylnaphthalene (0%R MS; QC limit 40-140%R), and 2-methylnaphthalene (0%R/23%R; QC limit 40-140%R) during the spiked analyses of sample 1221_SS-13_0-1. Validation qualification of the parent samples was not required.

Blank Contamination

The QC equipment blank associated with the samples contained fluoranthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and pyrene below the reporting limit at concentrations of 0.04, 0.03, 0.02, 0.02, 0.02, 0.02, 0.01, and 0.03 µg/L, respectively; and laboratory method blanks associated with the samples contained fluoranthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, phenanthrene, and pyrene below the reporting limit at concentrations ranging 1.4-1.7, 1.3, 0.83-1.1, 1.0-2.0, 1.0-1.2, 0.93-1.4, and 1.1-1.8 µg/kg, respectively. Therefore, results for these compounds less than validation action concentrations were considered not detected and qualified “U” for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the field duplicate precision for fluorene associated with sample 1221_SS-24_0-1 and its field duplicate sample 1221_SS-24_0-1 DUP; fluoranthene, naphthalene, benzo(g,h,i)perylene, indeno(1,2,3-cd)pyrene, pyrene, 1-methylnaphthalene, and 2-methylnaphthalene associated with sample 1221_SS-13_0-1 and its field duplicate sample 1221_SS-13_0-1 DUP; and the many PAHs associated with sample 1221_SS-08_0-1 and its field duplicate sample 1221_SS-08_0-1 DUP. Therefore, results for these compounds were considered estimated and qualified “J” for the affected parent sample and field duplicate.

Usability

All PAH soil sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The PAH data presented by Alpha Analytical were 100% complete (i.e., usable). The validated PAH laboratory data are tabulated and presented in Attachment A.

2.1.2 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, laboratory preparation blank, and equipment blank contamination
- Matrix spike/matrix spike duplicate (MS/MSD) recoveries
- Laboratory duplicate precision
- Laboratory control sample (LCS) recoveries
- Serial dilutions
- Interference check standard (ICS) recoveries
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination, MS/MSD recoveries, laboratory duplicate precision, and field duplicate precision as discussed below.

Blank Contamination

The laboratory preparation blanks associated with samples contained thallium below the reporting limit at concentrations ranging 0.07-0.10 mg/kg; and the QC equipment blanks associated with samples contained aluminum, calcium, and zinc at concentrations ranging 0.00580-0.0554, 0.0542-0.157, and 0.00930-0.01124 mg/L, respectively. Therefore, results for these analytes less than validation action concentrations were considered not detected and qualified “U” for the affected samples.

MS/MSD Recoveries

All MS/MSD recoveries were considered acceptable and within 75-125%R QC limit (80-120%R QC limit for mercury) for designated spiked project samples with the exception the MS/MSD recoveries for cadmium (128%R) associated with sample 1221_B-8_0-0-1; aluminum (21%R, 40%R) associated with sample 1221_SS-08_0-1; aluminum (0%R, 43%R), antimony (74%R, 60%R), arsenic (1050%R, 48%R), chromium (130%R), copper (151%R), lead (36%R, 201%R), manganese (38%R, 213%R), potassium (128%R), and zinc (57%R, 135%R) associated with sample 1221_SS-13_0-1; aluminum (25%R, 0%R), antimony (67%R, 65%R), and potassium (138%R) associated with sample 1221_SS-24_0-1; aluminum (48%R) associated with sample 1221-SS-02_0-1; mercury (134%R) associated with sample 1221_SS-01_1-2; and cadmium (133%R) associated with sample 1221_B-8_0-1-2. Therefore, positive results for those analytes where MS/MSD recoveries exceeded the QC limit were considered estimated and qualified “J” for the affected samples. Results for those analytes where MS/MSD recoveries fell below the QC limit were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

Laboratory Duplicate Precision

All laboratory duplicate precision results were considered acceptable with precision less than 20%RPD with the exception of the laboratory duplicate precision for cadmium (47%RPD) associated with sample 1221_B-8_0-1-2. Therefore, the result for this analyte was considered and qualified “J” for the affected sample.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the field duplicate precision for 1221_SS-08_0-1 and its field duplicate sample 1221_SS-08_0-1 DUP; and silver, cadmium, and zinc associated with sample 1221_SS-13_0-1 and its field duplicate sample 1221_SS-13_0-1 DUP. Therefore, results for these analytes were considered estimated and qualified “J” for the affected parent samples and field duplicates.

Usability

All metals results for the soil samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The metals data for the samples presented by Alpha Analytical were 100% complete (i.e., usable). The validated laboratory data are tabulated and presented in Attachment A.

ATTACHMENT A – VALIDATED LABORATORY DATA

Location ID		B-8-0	B-8-0	B-8-0	SS-01	SS-02	SS-02	SS-02	SS-03	SS-04
Field Sample ID		1221-B-8-0-0-1	1221-B-8-0-1-2	1221-B-8-0-0-1-DUP	1221-SS-01-0-1	1221-SS-01-1-2	1221-SS-02-0-1	1221-SS-02-1-2	1221-SS-03-0-1	1221-SS-04-0-1
Lab Sample ID		L2169925-01	L2169925-02	L2169925-13	L2169925-07	L2169925-08	L2169925-11	L2169925-12	L2169925-09	L2169925-16
Date Sampled		12/15/2021	12/15/2021	12/15/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021
Start Depth - End Depth		0 - 1	1 - 2	0 - 1	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1
Sample Delivery Group (SDG)		L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose		FS	FS	DUP	FS	FS	FS	FS	FS	FS
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	75.3	81.3	87.2	93.6	78.0	93.8	85.3	91.4
2540 G-1997	Moisture (re-entry)	%	24.7	18.7	12.8	6.40	22.0	6.20	14.7	8.60
6020B	Aluminum	MG/KG				530	6400	920 J	4200	4300
6020B	Antimony	MG/KG				<0.14 [U]	0.28 J	<0.14 [U]	0.25 J	0.24 J
6020B	Arsenic	MG/KG				3.0	6.8	4.1	5.8	7.0
6020B	Barium	MG/KG				6.3	46	7.2	45	66
6020B	Beryllium	MG/KG				0.11 J	0.42	0.16 J	0.31 J	0.54
6020B	Cadmium	MG/KG	5.1 J	2.9 J	4.4	0.21	0.27	<0.03 [U]	0.43	0.54
6020B	Calcium	MG/KG				130000	23000	150000	110000	71000
6020B	Chromium	MG/KG				3.4	10	3.6	9.2	9.7
6020B	Cobalt	MG/KG				1.2	5.0	2.1	4.3	5.2
6020B	Copper	MG/KG				3.7	18	3.4	29	50
6020B	Iron	MG/KG				5900	15000	8500	13000	13000
6020B	Lead	MG/KG				27	31	21	84	100
6020B	Magnesium	MG/KG				71000	6600	80000	49000	32000
6020B	Manganese	MG/KG				240	320	280	370	380
6020B	Nickel	MG/KG				2.9	11	4.4	10	14
6020B	Potassium	MG/KG				240	850	500	1100	420
6020B	Selenium	MG/KG				<0.80 [U]	2.7	1.3 J	1.9 J	1.4 J
6020B	Silver	MG/KG				2.0	4.0	0.10 J	3.3	5.9
6020B	Sodium	MG/KG				110 J	69 J	120 J	160 J	100 J
6020B	Thallium	MG/KG				<0.42 U	0.24 J	0.12 J	0.15 J	<0.42 U
6020B	Vanadium	MG/KG				4.0	16	4.4	11	11
6020B	Zinc	MG/KG				25	56	5.7 J	100	94
7471B	Mercury	MG/KG				<0.047 [U]	0.069 J	<0.044 [U]	0.069 J	0.104
8270D SIM	1-Methylnaphthalene	UG/KG				12 J	55	<1.1 [U]	620 J	220 J
8270D SIM	2-Methylnaphthalene	UG/KG				<20 [U]	60	<2.0 [U]	770	190 J
8270D SIM	Acenaphthene	UG/KG				79	160	1.7 J	3200	960
8270D SIM	Acenaphthylene	UG/KG				19 J	16 J	<0.87 [U]	150 J	630
8270D SIM	Anthracene	UG/KG				200	390	6.0 J	6800	3500
8270D SIM	Benzo(A)Anthracene	UG/KG				1000	1000	35	17000	14000
8270D SIM	Benzo(B)Fluoranthene	UG/KG				1700	1300	61	18000	16000
8270D SIM	Benzo(G,H,I)Perylene	UG/KG				870	610	32	7300	7100
8270D SIM	Benzo(K)Fluoranthene	UG/KG				600	420	27	5700	5500
8270D SIM	Benzo(A)Pyrene	UG/KG				1100	960	41	14000	12000
8270D SIM	Chrysene	UG/KG				1200	940	49	14000	12000
8270D SIM	Dibenz(A,H)Anthracene	UG/KG				170	150	4.6 J	2000	1800
8270D SIM	Fluoranthene	UG/KG				2900	2300	110	38000	25000
8270D SIM	Fluorene	UG/KG				83	160	1.5 J	3200	1000
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG				980	670	35	8900	8400
8270D SIM	Naphthalene	UG/KG				28 J	92	<1.2 [U]	1600	330 J
8270D SIM	Phenanthrene	UG/KG				1400	1400	46	28000	12000
8270D SIM	Pyrene	UG/KG				2200	1800	87	30000	21000

Location ID		SS-04	SS-05	SS-05	SS-06	SS-06	SS-07	SS-07	SS-08	SS-08
Field Sample ID		1221-SS-04-1-2	1221-SS-05-0-1	1221-SS-05-1-2	1221-SS-06-0-1	1221-SS-06-1-2	1221-SS-07-0-1	1221-SS-07-1-2	1221-SS-08-0-1	1221-SS-08-0-1-DUP
Lab Sample ID		L2169925-17	L2169925-24	L2169925-25	L2169925-14	L2169925-15	L2169925-22	L2169925-23	L2169925-26	L2169925-27
Date Sampled		12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021
Start Depth - End Depth		1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1
Sample Delivery Group (SDG)		L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose		FS	FS	FS	FS	FS	FS	FS	FS	DUP
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	83.8	81.5	82.6	94.8	80.4	91.0	83.8	93.0
2540 G-1997	Moisture (re-entry)	%	16.2	18.5	17.4	5.20	19.6	9.00	16.2	7.00
6020B	Aluminum	MG/KG	5500	4100	6800	740	7400	1000	3600	850 J
6020B	Antimony	MG/KG	0.64 J	0.34 J	<0.16 [U]	<0.14 [U]	<0.16 [U]	<0.14 [U]	<0.16 [U]	<0.14 [U]
6020B	Arsenic	MG/KG	12	9.5	5.8	3.4	7.4	3.7	5.6	3.4
6020B	Barium	MG/KG	240	48	78	5.7	44	8.1	37	6.3
6020B	Beryllium	MG/KG	0.54	0.42	0.48	0.16 J	0.61	0.16 J	0.33 J	0.16 J
6020B	Cadmium	MG/KG	0.71	0.37	0.15 J	0.03 J	0.09 J	0.10 J	0.17 J	0.10 J
6020B	Calcium	MG/KG	87000	82000	39000	160000	39000	140000	130000	140000
6020B	Chromium	MG/KG	13	7.4	9.9	3.5	11	3.7	7.6	3.6
6020B	Cobalt	MG/KG	5.2	4.7	5.0	2.5	7.2	2.5	4.8	2.2
6020B	Copper	MG/KG	66	14	14	4.6	12	7.8	11	5.3
6020B	Iron	MG/KG	16000	14000	17000	7500	20000	8200	14000	7800
6020B	Lead	MG/KG	160	410	32	14	19	23	40	18
6020B	Magnesium	MG/KG	37000	44000	18000	53000	16000	70000	52000	70000
6020B	Manganese	MG/KG	430	300	420	250	570	290	410	270
6020B	Nickel	MG/KG	13	7.3	10	6.2	14	5.6	11	4.9
6020B	Potassium	MG/KG	930	370	830	360	1400	330	1500	330
6020B	Selenium	MG/KG	2.3	1.6 J	2.6	0.90 J	3.5	1.2 J	1.9 J	1.0 J
6020B	Silver	MG/KG	19	1.5	0.94	0.22 J	0.09 J	1.9	6.2	1.9 J
6020B	Sodium	MG/KG	160 J	170 J	380	130 J	140 J	120 J	160 J	130 J
6020B	Thallium	MG/KG	0.28 J	<0.47 U	0.07 J	<0.4 U	0.12 J	<0.43 U	0.10 J	<0.42 U
6020B	Vanadium	MG/KG	13	12	15	4.0	15	4.6	8.3	4.5
6020B	Zinc	MG/KG	130	40	51	9.9 J	22	23	28	14
7471B	Mercury	MG/KG	0.139	0.231	<0.050 [U]	<0.052 [U]	<0.051 [U]	<0.053 [U]	<0.049 [U]	<0.051 [U]
8270D SIM	1-Methylnaphthalene	UG/KG	600 J	76	12	2.1 J	<1.3 [U]	62	37 J	35 J
8270D SIM	2-Methylnaphthalene	UG/KG	600 J	73	12	<2.0 [U]	<2.3 [U]	57	50	29 J
8270D SIM	Acenaphthene	UG/KG	4000	32	28	6.7 J	<1.7 [U]	200	160	150 J
8270D SIM	Acenaphthylene	UG/KG	200 J	38	2.7 J	1.9 J	<1.0 [U]	31 J	50	27 J
8270D SIM	Anthracene	UG/KG	9100	100	46	18	4.3 J	500	310	390 J
8270D SIM	Benzo(A)Anthracene	UG/KG	27000	560	160	100	38	1400	1000	1200 J
8270D SIM	Benzo(B)Fluoranthene	UG/KG	26000	810	180	160	46	1600	1200	1400 J
8270D SIM	Benzo(G,H,I)Perylene	UG/KG	9500	420	71	38	10	700	530	370 J
8270D SIM	Benzo(K)Fluoranthene	UG/KG	9500	240	62	72	15	570	410	670 J
8270D SIM	Benzo(A)Pyrene	UG/KG	20000	590	120	97	20	1200	930	1100 J
8270D SIM	Chrysene	UG/KG	22000	540	150	110	44	1200	850	1100 J
8270D SIM	Dibenz(A,H)Anthracene	UG/KG	2800	97	21	11	3.2 J	190	150	93
8270D SIM	Fluoranthene	UG/KG	57000	790	360	260	94	2800	1900	2500 J
8270D SIM	Fluorene	UG/KG	2700	36	31	5.4 J	1.8 J	210	140	150 J
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG	12000	500	81	48	15	840	620	500 J
8270D SIM	Naphthalene	UG/KG	960	150	24	1.9 J	<1.5 [U]	110	150	53
8270D SIM	Phenanthrene	UG/KG	32000	390	250	110	23	1900	1000	1500 J
8270D SIM	Pyrene	UG/KG	46000	660	280	200	95	2200	1600	2000 J

Location ID			SS-08	SS-09	SS-09	SS-10	SS-11	SS-11	SS-12	SS-13	SS-13
Field Sample ID			1221-SS-08-1-2	1221-SS-09-0-1	1221-SS-09-1-2	1221-SS-10-0-1	1221-SS-11-0-1	1221-SS-11-1-2	1221-SS-12-0-1	1221-SS-13-0-1	1221-SS-13-0-1-DUP
Lab Sample ID			L2169925-28	L2169925-20	L2169925-21	L2169925-18	L2169925-36	L2169925-37	L2169925-34	L2169925-31	L2169925-32
Date Sampled			12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021
Start Depth - End Depth			1 - 2	0 - 1	1 - 2	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
Sample Delivery Group (SDG)			L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose			FS	FS	FS	FS	FS	FS	FS	FS	DUP
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	93.6	84.6	78.5	72.6	92.2	81.9	91.0	75.4	77.6
2540 G-1997	Moisture (re-entry)	%	6.40	15.4	21.5	27.4	7.80	18.1	9.00	24.6	22.4
6020B	Aluminum	MG/KG	1600	5500	8400	7100	4100	7900	2000	4400 J	4300
6020B	Antimony	MG/KG	<0.14 [U]	<0.15 [U]	<0.16 [U]	1.5 J	<0.14 [U]	<0.16 [U]	<0.15 [U]	0.35 J	0.30 J
6020B	Arsenic	MG/KG	3.5	6.9	7.7	56	12	5.7	6.9	28 J	21
6020B	Barium	MG/KG	12	50	63	340	35	68	18	75	65
6020B	Beryllium	MG/KG	0.14 J	0.55	0.63	0.47	0.27 J	0.49	0.20 J	0.69	0.67
6020B	Cadmium	MG/KG	0.04 J	0.12 J	0.08 J	0.29	0.13 J	0.05 J	0.19 J	0.95 J	0.42 J
6020B	Calcium	MG/KG	160000	46000	58000	86000	89000	80000	130000	48000	44000
6020B	Chromium	MG/KG	4.4	9.1	12	38	8.0	11	4.9	10 J	10
6020B	Cobalt	MG/KG	2.1	6.8	6.9	8.0	3.5	5.7	3.0	4.8	4.5
6020B	Copper	MG/KG	5.6	14	15	48	14	12	8.2	24 J	18
6020B	Iron	MG/KG	8500	18000	20000	57000	10000	16000	8800	14000	14000
6020B	Lead	MG/KG	18	20	17	140	40	12	14	110 J	110
6020B	Magnesium	MG/KG	70000	20000	14000	20000	35000	13000	10000	18000	15000
6020B	Manganese	MG/KG	290	340	540	670	310	340	180	200 J	150
6020B	Nickel	MG/KG	4.5	14	14	26	7.9	12	6.8	14	13
6020B	Potassium	MG/KG	740	700	1900	530	470	1400	400	680 J	570
6020B	Selenium	MG/KG	1.5 J	2.7	3.7	1.8 J	1.3 J	3.0	1.5 J	2.4 J	1.9 J
6020B	Silver	MG/KG	0.40 J	1.6	0.24 J	1.2	1.4	0.13 J	4.2	6.6 J	2.4 J
6020B	Sodium	MG/KG	160	220	440	130 J	86 J	110 J	68 J	250	180 J
6020B	Thallium	MG/KG	<0.05 [U]	<0.45 U	0.14 J	0.30 J	<0.42 U	<0.06 [U]	<0.06 [U]	<0.51 U	<0.5 U
6020B	Vanadium	MG/KG	5.7	13	17	19	10	15	9.2	14	15
6020B	Zinc	MG/KG	11	27	24	200	28	24	28	90 J	36 J
7471B	Mercury	MG/KG	<0.044 [U]	<0.057 [U]	<0.052 [U]	0.092	0.115	<0.050 [U]	<0.058 [U]	0.115	0.068 J
8270D SIM	1-Methylnaphthalene	UG/KG	11	55	1.7 J	7000	4.0 J	<1.2 [U]	190	920 J	300 J
8270D SIM	2-Methylnaphthalene	UG/KG	8.6	45	<2.4 [U]	7500	4.4 J	<2.2 [U]	260	1100 J	360 J
8270D SIM	Acenaphthene	UG/KG	44	99	2.8 J	13000	12	<1.7 [U]	52 J	<3.7 [U]	31
8270D SIM	Acenaphthylene	UG/KG	8.8	32 J	<1.0 [U]	12000	3.2 J	<0.99 [U]	90 J	31	18
8270D SIM	Anthracene	UG/KG	120	360	11	43000	34	<0.63 [U]	630	57	91
8270D SIM	Benzo(A)Anthracene	UG/KG	380	900	26	79000	270	<7.9 U	4200	250	370
8270D SIM	Benzo(B)Fluoranthene	UG/KG	430	1000	27	84000	430	<7.9 U	8200	310	440
8270D SIM	Benzo(G,H,I)Perylene	UG/KG	190	410	11	28000	190	<7.9 U	4900	100 J	180 J
8270D SIM	Benzo(K)Fluoranthene	UG/KG	150	300	11	31000	140	0.95 J	2300	140	120
8270D SIM	Benzo(A)Pyrene	UG/KG	330	770	22	67000	290	<7.9 U	5700	240	320
8270D SIM	Chrysene	UG/KG	320	750	23	62000	290	<7.9 U	4400	260	340
8270D SIM	Dibenz(A,H)Anthracene	UG/KG	51	110	2.7 J	8900	41	<0.79 [U]	950	30	42
8270D SIM	Fluoranthene	UG/KG	710	1800	57	190000	580	<7.9 U	9400	380 J	740 J
8270D SIM	Fluorene	UG/KG	50	120	3.7 J	40000	10	<0.95 [U]	97 J	<2.1 [U]	36
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG	230	490	13	37000	240	<7.9 U	5400	110 J	220 J
8270D SIM	Naphthalene	UG/KG	17	69	2.2 J	6700	4.0 J	<1.4 [U]	210	820 J	260 J
8270D SIM	Phenanthrene	UG/KG	450	1200	35	200000	190	<7.9 U	3000	460	500
8270D SIM	Pyrene	UG/KG	590	1600	48	140000	450	<7.9 U	7600	340 J	620 J

Location ID			SS-13	SS-14	SS-14	SS-15	SS-15	SS-16	SS-17	SS-18	SS-18
Field Sample ID			1221-SS-13-1-2	1221-SS-14-0-1	1221-SS-14-1-2	1221-SS-15-0-1	1221-SS-15-1-2	1221-SS-16-0-1	1221-SS-17-0-1	1221-SS-18-0-1	1221-SS-18-1-2
Lab Sample ID			L2169925-33	L2169925-40	L2169925-41	L2169925-29	L2169925-30	L2169925-46	L2169925-42	L2169925-44	L2169925-45
Date Sampled			12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021
Start Depth - End Depth			1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	1 - 2
Sample Delivery Group (SDG)			L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose			FS	FS	FS	FS	FS	FS	FS	FS	FS
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	78.8	92.3	91.7	80.2	84.9	89.7	88.0	89.1	89.9
2540 G-1997	Moisture (re-entry)	%	21.2	7.70	8.30	19.8	15.1	10.3	12.0	10.9	10.1
6020B	Aluminum	MG/KG	8000	1400	3900	6900	5200	4200	3500	2900	3900
6020B	Antimony	MG/KG	<0.16 [U]	<0.14 [U]	<0.14 [U]	<0.17 [U]	<0.15 [U]	0.33 J	0.23 J	<0.15 [U]	0.18 J
6020B	Arsenic	MG/KG	12	5.4	6.2	12	5.6	3.5	5.1	4.9	4.9
6020B	Barium	MG/KG	50	11	37	79	32	60	39	29	33
6020B	Beryllium	MG/KG	0.74	0.18 J	0.23 J	0.72	0.40	0.24 J	0.28 J	0.28 J	0.29 J
6020B	Cadmium	MG/KG	0.04 J	0.72	0.43	0.21 J	0.03 J	1.2	2.8	0.14 J	0.66
6020B	Calcium	MG/KG	73000	140000	120000	20000	110000	190000	130000	130000	100000
6020B	Chromium	MG/KG	13	6.9	14	11	8.3	15	10	7.9	10
6020B	Cobalt	MG/KG	5.9	2.8	3.2	8.0	5.2	2.8	3.8	4.1	4.3
6020B	Copper	MG/KG	11	6.6	9.9	17	9.7	31	14	16	11
6020B	Iron	MG/KG	28000	9700	10000	20000	16000	8500	13000	12000	12000
6020B	Lead	MG/KG	28	35	28	42	18	28	39	32	29
6020B	Magnesium	MG/KG	15000	68000	53000	8300	42000	15000	48000	58000	42000
6020B	Manganese	MG/KG	450	260	320	350	440	350	400	350	360
6020B	Nickel	MG/KG	17	6.1	10	14	11	7.5	9.1	9.5	11
6020B	Potassium	MG/KG	2800	580	940	720	1700	500	770	700	1100
6020B	Selenium	MG/KG	4.4	1.0 J	1.3 J	3.4	2.5	0.99 J	1.4 J	1.6 J	1.6 J
6020B	Silver	MG/KG	0.17 J	0.46 J	0.61	3.6	0.16 J	15	37	20	28
6020B	Sodium	MG/KG	970	120 J	150 J	560	680	260	140 J	130 J	130 J
6020B	Thallium	MG/KG	0.07 J	<0.41 U	<0.05 [U]	<0.49 U	0.06 J	<0.44 U	<0.43 U	<0.43 U	<0.05 [U]
6020B	Vanadium	MG/KG	16	5.1	9.1	16	11	9.2	9.5	7.6	9.4
6020B	Zinc	MG/KG	15	200	100	44	11	110	71	34	44
7471B	Mercury	MG/KG	<0.052 [U]	<0.059 [U]	<0.045 [U]	0.069 J	<0.048 [U]	0.091	0.110	0.064 J	0.092
8270D SIM	1-Methylnaphthalene	UG/KG	4.2 J	18 J	20 J	45	<1.2 [U]	63 J	270	32 J	66 J
8270D SIM	2-Methylnaphthalene	UG/KG	5.7 J	18 J	21 J	51	<2.2 [U]	65 J	310	36 J	68 J
8270D SIM	Acenaphthene	UG/KG	<1.8 [U]	100	150	7.3 J	<1.6 [U]	480	1300	68	94
8270D SIM	Acenaphthylene	UG/KG	<1.0 [U]	4.8 J	<4.5 [U]	16	<0.96 [U]	44 J	110 J	110	280
8270D SIM	Anthracene	UG/KG	0.67 J	220	330	20	<0.62 [U]	1100	2500	220	510
8270D SIM	Benzo(A)Anthracene	UG/KG	<8.4 U	690	980	120	1.0 J	5000	7300	930	1600
8270D SIM	Benzo(B)Fluoranthene	UG/KG	<8.4 U	870	1000	160	1.0 J	5800	8000	1100	1600
8270D SIM	Benzo(G,H,I)Perylene	UG/KG	<8.4 U	350	520	58	<0.66 [U]	2900	3000	380	650
8270D SIM	Benzo(K)Fluoranthene	UG/KG	1.2 J	230	390	57	<0.69 [U]	2400	2800	370	510
8270D SIM	Benzo(A)Pyrene	UG/KG	<8.4 U	610	820	110	<0.92 [U]	4300	6000	780	1200
8270D SIM	Chrysene	UG/KG	<8.4 U	610	800	130	0.77 J	4400	6000	800	1200
8270D SIM	Dibenz(A,H)Anthracene	UG/KG	<0.84 [U]	86	130	14	<0.77 [U]	750	910	120	200
8270D SIM	Fluoranthene	UG/KG	<8.4 U	1400	2000	240	1.3 J	9200	13000	1600	2900
8270D SIM	Fluorene	UG/KG	<1.0 [U]	82	130	12	<0.92 [U]	390	1200	78	220
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG	<8.4 U	410	610	75	<0.92 [U]	3200	3800	500	810
8270D SIM	Naphthalene	UG/KG	6.4 J	12 J	37	72	<1.4 [U]	54 J	330	58	79
8270D SIM	Phenanthrene	UG/KG	<8.4 U	820	1300	120	1.2 J	4600	8600	830	2100
8270D SIM	Pyrene	UG/KG	<8.4 U	1100	1600	190	1.2 J	7200	10000	1200	2100

Location ID		SS-19	SS-19	SS-20	SS-21	SS-22	SS-22	SS-23	SS-24	SS-24
Field Sample ID		1221-SS-19-0-1	1221-SS-19-1-2	1221-SS-20-0-1	1221-SS-21-0-1	1221-SS-22-0-1	1221-SS-22-1-2	1221-SS-23-0-1	1221-SS-24-0-1	1221-SS-24-0-1-DUP
Lab Sample ID		L2169925-48	L2169925-49	L2169925-38	L2169925-52	L2169925-57	L2169925-58	L2169925-50	L2169925-54	L2169925-55
Date Sampled		12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021
Start Depth - End Depth		0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
Sample Delivery Group (SDG)		L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose		FS	FS	FS	FS	FS	FS	FS	FS	DUP
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	89.6	92.6	88.2	86.3	89.4	81.6	85.9	93.8
2540 G-1997	Moisture (re-entry)	%	10.4	7.40	11.8	13.7	10.6	18.4	14.1	6.20
6020B	Aluminum	MG/KG	4700	3800	4000	4300	3000	5700	6500	4900 J
6020B	Antimony	MG/KG	<0.14 [U]	<0.14 [U]	<0.15 [U]	<0.15 [U]	<0.15 [U]	<0.16 [U]	<0.15 [U]	0.15 J
6020B	Arsenic	MG/KG	4.0	4.1	5.4	4.4	4.1	4.9	5.1	3.6
6020B	Barium	MG/KG	28	34	38	38	25	37	48	58
6020B	Beryllium	MG/KG	0.29 J	0.20 J	0.35	0.32 J	0.26 J	0.42	0.43	0.28 J
6020B	Cadmium	MG/KG	0.10 J	0.19 J	0.19 J	0.50	0.19 J	0.05 J	0.30	0.48
6020B	Calcium	MG/KG	96000	110000	100000	110000	120000	120000	48000	110000
6020B	Chromium	MG/KG	9.7	7.7	8.1	8.8	8.9	9.5	8.8	8.0
6020B	Cobalt	MG/KG	5.0	4.0	4.6	3.7	3.7	3.5	3.6	3.3
6020B	Copper	MG/KG	8.1	10	12	20	8.9	7.0	15	12
6020B	Iron	MG/KG	12000	12000	13000	11000	10000	16000	13000	10000
6020B	Lead	MG/KG	16	24	41	59	40	17	37	31
6020B	Magnesium	MG/KG	46000	46000	42000	35000	50000	51000	16000	32000
6020B	Manganese	MG/KG	340	470	410	330	340	280	250	320
6020B	Nickel	MG/KG	9.3	8.9	11	11	9.2	9.2	7.5	7.6
6020B	Potassium	MG/KG	620	900	700	730	670	1400	520	580 J
6020B	Selenium	MG/KG	1.2 J	2.0 J	1.6 J	1.4 J	1.1 J	2.6	1.6 J	1.2 J
6020B	Silver	MG/KG	1.7	0.97	26	47	20	2.7	9.6	4.2
6020B	Sodium	MG/KG	95 J	170	120 J	210	130 J	150 J	190	250
6020B	Thallium	MG/KG	<0.43 U	0.10 J	<0.44 U	<0.45 U	<0.44 U	0.09 J	<0.45 U	<0.4 U
6020B	Vanadium	MG/KG	11	11	9.9	11	8.3	10	13	11
6020B	Zinc	MG/KG	28	72	33	110	44	15	64	53
7471B	Mercury	MG/KG	<0.059 [U]	<0.045 [U]	0.119	0.063 J	<0.057 [U]	<0.050 [U]	0.120	1.04
8270D SIM	1-Methylnaphthalene	UG/KG	2.5 J	36	400	96 J	49	8.3 J	790	100 J
8270D SIM	2-Methylnaphthalene	UG/KG	3.0 J	37	320	97 J	56	8.6 J	990	110 J
8270D SIM	Acenaphthene	UG/KG	1.6 J	96	230	640	240	49	4300	830
8270D SIM	Acenaphthylene	UG/KG	1.5 J	180	1800	130 J	15 J	2.8 J	140 J	65 J
8270D SIM	Anthracene	UG/KG	4.5 J	360	1900	1600	500	120	7400	2200
8270D SIM	Benzo(A)Anthracene	UG/KG	26	1100	6300	6600	1900	500	23000	6600
8270D SIM	Benzo(B)Fluoranthene	UG/KG	42	1300	6400	8300	2100	550	27000	7400
8270D SIM	Benzo(G,H,I)Perylene	UG/KG	16	600	2200	2800	540	240	8500	2700
8270D SIM	Benzo(K)Fluoranthene	UG/KG	12	440	2300	2800	900	200	9400	2400
8270D SIM	Benzo(A)Pyrene	UG/KG	27	1000	4600	5800	1500	400	19000	5600
8270D SIM	Chrysene	UG/KG	25	890	4900	6000	1600	440	19000	5600
8270D SIM	Dibenz(A,H)Anthracene	UG/KG	3.2 J	170	740	860	140	69	2700	740
8270D SIM	Fluoranthene	UG/KG	49	2000	12000	13000	3400	1000	44000	13000
8270D SIM	Fluorene	UG/KG	1.3 J	150	1100	630	210	44	3900	750 J
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG	18	710	2800	3500	710	290	10000	3400
8270D SIM	Naphthalene	UG/KG	2.3 J	63	440	110 J	43	9.7 J	1000	99 J
8270D SIM	Phenanthrene	UG/KG	16	1300	8900	7200	1900	490	30000	7700
8270D SIM	Pyrene	UG/KG	41	1600	8700	10000	2700	780	34000	11000

Location ID		B-8-0	B-8-0	B-8-0	SS-01	SS-02	SS-02	SS-02	SS-03	SS-04
Field Sample ID		1221-B-8-0-0-1	1221-B-8-0-1-2	1221-B-8-0-0-1-DUP	1221-SS-01-0-1	1221-SS-01-1-2	1221-SS-02-0-1	1221-SS-02-1-2	1221-SS-03-0-1	1221-SS-04-0-1
Lab Sample ID		L2169925-01	L2169925-02	L2169925-13	L2169925-07	L2169925-08	L2169925-11	L2169925-12	L2169925-09	L2169925-16
Date Sampled		12/15/2021	12/15/2021	12/15/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021
Start Depth - End Depth		0 - 1	1 - 2	0 - 1	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1
Sample Delivery Group (SDG)		L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose		FS	FS	DUP	FS	FS	FS	FS	FS	FS
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	75.3	81.3	87.2	93.6	78.0	93.8	85.3	91.4
2540 G-1997	Moisture (re-entry)	%	24.7	18.7	12.8	6.40	22.0	6.20	14.7	8.60
6020B	Aluminum	MG/KG				530	6400	920 J	4200	4300
6020B	Antimony	MG/KG				<0.14 [U]	0.28 J	<0.14 [U]	0.25 J	0.24 J
6020B	Arsenic	MG/KG				3.0	6.8	4.1	5.8	7.0
6020B	Barium	MG/KG				6.3	46	7.2	45	66
6020B	Beryllium	MG/KG				0.11 J	0.42	0.16 J	0.31 J	0.54
6020B	Cadmium	MG/KG	5.1 J	2.9 J	4.4	0.21	0.27	<0.03 [U]	0.43	0.54
6020B	Calcium	MG/KG				130000	23000	150000	110000	71000
6020B	Chromium	MG/KG				3.4	10	3.6	9.2	9.7
6020B	Cobalt	MG/KG				1.2	5.0	2.1	4.3	5.2
6020B	Copper	MG/KG				3.7	18	3.4	29	50
6020B	Iron	MG/KG				5900	15000	8500	13000	13000
6020B	Lead	MG/KG				27	31	21	84	100
6020B	Magnesium	MG/KG				71000	6600	80000	49000	32000
6020B	Manganese	MG/KG				240	320	280	370	380
6020B	Nickel	MG/KG				2.9	11	4.4	10	14
6020B	Potassium	MG/KG				240	850	500	1100	420
6020B	Selenium	MG/KG				<0.80 [U]	2.7	1.3 J	1.9 J	1.4 J
6020B	Silver	MG/KG				2.0	4.0	0.10 J	3.3	5.9
6020B	Sodium	MG/KG				110 J	69 J	120 J	160 J	100 J
6020B	Thallium	MG/KG				<0.42 U	0.24 J	0.12 J	0.15 J	<0.42 U
6020B	Vanadium	MG/KG				4.0	16	4.4	11	11
6020B	Zinc	MG/KG				25	56	5.7 J	100	94
7471B	Mercury	MG/KG				<0.047 [U]	0.069 J	<0.044 [U]	0.069 J	0.104
8270D SIM	1-Methylnaphthalene	UG/KG				12 J	55	<1.1 [U]	620 J	220 J
8270D SIM	2-Methylnaphthalene	UG/KG				<20 [U]	60	<2.0 [U]	770	190 J
8270D SIM	Acenaphthene	UG/KG				79	160	1.7 J	3200	960
8270D SIM	Acenaphthylene	UG/KG				19 J	16 J	<0.87 [U]	150 J	630
8270D SIM	Anthracene	UG/KG				200	390	6.0 J	6800	3500
8270D SIM	Benzo(A)Anthracene	UG/KG				1000	1000	35	17000	14000
8270D SIM	Benzo(B)Fluoranthene	UG/KG				1700	1300	61	18000	16000
8270D SIM	Benzo(G,H,I)Perylene	UG/KG				870	610	32	7300	7100
8270D SIM	Benzo(K)Fluoranthene	UG/KG				600	420	27	5700	5500
8270D SIM	Benzo(A)Pyrene	UG/KG				1100	960	41	14000	12000
8270D SIM	Chrysene	UG/KG				1200	940	49	14000	12000
8270D SIM	Dibenz(A,H)Anthracene	UG/KG				170	150	4.6 J	2000	1800
8270D SIM	Fluoranthene	UG/KG				2900	2300	110	38000	25000
8270D SIM	Fluorene	UG/KG				83	160	1.5 J	3200	1000
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG				980	670	35	8900	8400
8270D SIM	Naphthalene	UG/KG				28 J	92	<1.2 [U]	1600	330 J
8270D SIM	Phenanthrene	UG/KG				1400	1400	46	28000	12000
8270D SIM	Pyrene	UG/KG				2200	1800	87	30000	21000

Location ID		SS-04	SS-05	SS-05	SS-06	SS-06	SS-07	SS-07	SS-08	SS-08
Field Sample ID		1221-SS-04-1-2	1221-SS-05-0-1	1221-SS-05-1-2	1221-SS-06-0-1	1221-SS-06-1-2	1221-SS-07-0-1	1221-SS-07-1-2	1221-SS-08-0-1	1221-SS-08-0-1-DUP
Lab Sample ID		L2169925-17	L2169925-24	L2169925-25	L2169925-14	L2169925-15	L2169925-22	L2169925-23	L2169925-26	L2169925-27
Date Sampled		12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/16/2021
Start Depth - End Depth		1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1
Sample Delivery Group (SDG)		L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose		FS	FS	FS	FS	FS	FS	FS	FS	DUP
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	83.8	81.5	82.6	94.8	80.4	91.0	83.8	93.0
2540 G-1997	Moisture (re-entry)	%	16.2	18.5	17.4	5.20	19.6	9.00	16.2	7.00
6020B	Aluminum	MG/KG	5500	4100	6800	740	7400	1000	3600	850 J
6020B	Antimony	MG/KG	0.64 J	0.34 J	<0.16 [U]	<0.14 [U]	<0.16 [U]	<0.14 [U]	<0.16 [U]	<0.14 [U]
6020B	Arsenic	MG/KG	12	9.5	5.8	3.4	7.4	3.7	5.6	3.4
6020B	Barium	MG/KG	240	48	78	5.7	44	8.1	37	6.3
6020B	Beryllium	MG/KG	0.54	0.42	0.48	0.16 J	0.61	0.16 J	0.33 J	0.16 J
6020B	Cadmium	MG/KG	0.71	0.37	0.15 J	0.03 J	0.09 J	0.10 J	0.17 J	0.10 J
6020B	Calcium	MG/KG	87000	82000	39000	160000	39000	140000	130000	140000
6020B	Chromium	MG/KG	13	7.4	9.9	3.5	11	3.7	7.6	3.6
6020B	Cobalt	MG/KG	5.2	4.7	5.0	2.5	7.2	2.5	4.8	2.2
6020B	Copper	MG/KG	66	14	14	4.6	12	7.8	11	5.3
6020B	Iron	MG/KG	16000	14000	17000	7500	20000	8200	14000	7800
6020B	Lead	MG/KG	160	410	32	14	19	23	40	18
6020B	Magnesium	MG/KG	37000	44000	18000	53000	16000	70000	52000	70000
6020B	Manganese	MG/KG	430	300	420	250	570	290	410	270
6020B	Nickel	MG/KG	13	7.3	10	6.2	14	5.6	11	4.9
6020B	Potassium	MG/KG	930	370	830	360	1400	330	1500	330
6020B	Selenium	MG/KG	2.3	1.6 J	2.6	0.90 J	3.5	1.2 J	1.9 J	1.0 J
6020B	Silver	MG/KG	19	1.5	0.94	0.22 J	0.09 J	1.9	6.2	1.9 J
6020B	Sodium	MG/KG	160 J	170 J	380	130 J	140 J	120 J	160 J	130 J
6020B	Thallium	MG/KG	0.28 J	<0.47 U	0.07 J	<0.4 U	0.12 J	<0.43 U	0.10 J	<0.42 U
6020B	Vanadium	MG/KG	13	12	15	4.0	15	4.6	8.3	4.5
6020B	Zinc	MG/KG	130	40	51	9.9 J	22	23	28	14
7471B	Mercury	MG/KG	0.139	0.231	<0.050 [U]	<0.052 [U]	<0.051 [U]	<0.053 [U]	<0.049 [U]	<0.051 [U]
8270D SIM	1-Methylnaphthalene	UG/KG	600 J	76	12	2.1 J	<1.3 [U]	62	37 J	35 J
8270D SIM	2-Methylnaphthalene	UG/KG	600 J	73	12	<2.0 [U]	<2.3 [U]	57	50	29 J
8270D SIM	Acenaphthene	UG/KG	4000	32	28	6.7 J	<1.7 [U]	200	160	150 J
8270D SIM	Acenaphthylene	UG/KG	200 J	38	2.7 J	1.9 J	<1.0 [U]	31 J	50	27 J
8270D SIM	Anthracene	UG/KG	9100	100	46	18	4.3 J	500	310	390 J
8270D SIM	Benzo(A)Anthracene	UG/KG	27000	560	160	100	38	1400	1000	1200 J
8270D SIM	Benzo(B)Fluoranthene	UG/KG	26000	810	180	160	46	1600	1200	1400 J
8270D SIM	Benzo(G,H,I)Perylene	UG/KG	9500	420	71	38	10	700	530	370 J
8270D SIM	Benzo(K)Fluoranthene	UG/KG	9500	240	62	72	15	570	410	670 J
8270D SIM	Benzo(A)Pyrene	UG/KG	20000	590	120	97	20	1200	930	1100 J
8270D SIM	Chrysene	UG/KG	22000	540	150	110	44	1200	850	1100 J
8270D SIM	Dibenz(A,H)Anthracene	UG/KG	2800	97	21	11	3.2 J	190	150	93
8270D SIM	Fluoranthene	UG/KG	57000	790	360	260	94	2800	1900	2500 J
8270D SIM	Fluorene	UG/KG	2700	36	31	5.4 J	1.8 J	210	140	150 J
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG	12000	500	81	48	15	840	620	500 J
8270D SIM	Naphthalene	UG/KG	960	150	24	1.9 J	<1.5 [U]	110	150	53
8270D SIM	Phenanthrene	UG/KG	32000	390	250	110	23	1900	1000	1500 J
8270D SIM	Pyrene	UG/KG	46000	660	280	200	95	2200	1600	2000 J

Location ID			SS-08	SS-09	SS-09	SS-10	SS-11	SS-11	SS-12	SS-13	SS-13
Field Sample ID			1221-SS-08-1-2	1221-SS-09-0-1	1221-SS-09-1-2	1221-SS-10-0-1	1221-SS-11-0-1	1221-SS-11-1-2	1221-SS-12-0-1	1221-SS-13-0-1	1221-SS-13-0-1-DUP
Lab Sample ID			L2169925-28	L2169925-20	L2169925-21	L2169925-18	L2169925-36	L2169925-37	L2169925-34	L2169925-31	L2169925-32
Date Sampled			12/16/2021	12/16/2021	12/16/2021	12/16/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021
Start Depth - End Depth			1 - 2	0 - 1	1 - 2	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
Sample Delivery Group (SDG)			L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose			FS	FS	FS	FS	FS	FS	FS	FS	DUP
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	93.6	84.6	78.5	72.6	92.2	81.9	91.0	75.4	77.6
2540 G-1997	Moisture (re-entry)	%	6.40	15.4	21.5	27.4	7.80	18.1	9.00	24.6	22.4
6020B	Aluminum	MG/KG	1600	5500	8400	7100	4100	7900	2000	4400 J	4300
6020B	Antimony	MG/KG	<0.14 [U]	<0.15 [U]	<0.16 [U]	1.5 J	<0.14 [U]	<0.16 [U]	<0.15 [U]	0.35 J	0.30 J
6020B	Arsenic	MG/KG	3.5	6.9	7.7	56	12	5.7	6.9	28 J	21
6020B	Barium	MG/KG	12	50	63	340	35	68	18	75	65
6020B	Beryllium	MG/KG	0.14 J	0.55	0.63	0.47	0.27 J	0.49	0.20 J	0.69	0.67
6020B	Cadmium	MG/KG	0.04 J	0.12 J	0.08 J	0.29	0.13 J	0.05 J	0.19 J	0.95 J	0.42 J
6020B	Calcium	MG/KG	160000	46000	58000	86000	89000	80000	130000	48000	44000
6020B	Chromium	MG/KG	4.4	9.1	12	38	8.0	11	4.9	10 J	10
6020B	Cobalt	MG/KG	2.1	6.8	6.9	8.0	3.5	5.7	3.0	4.8	4.5
6020B	Copper	MG/KG	5.6	14	15	48	14	12	8.2	24 J	18
6020B	Iron	MG/KG	8500	18000	20000	57000	10000	16000	8800	14000	14000
6020B	Lead	MG/KG	18	20	17	140	40	12	14	110 J	110
6020B	Magnesium	MG/KG	70000	20000	14000	20000	35000	13000	10000	18000	15000
6020B	Manganese	MG/KG	290	340	540	670	310	340	180	200 J	150
6020B	Nickel	MG/KG	4.5	14	14	26	7.9	12	6.8	14	13
6020B	Potassium	MG/KG	740	700	1900	530	470	1400	400	680 J	570
6020B	Selenium	MG/KG	1.5 J	2.7	3.7	1.8 J	1.3 J	3.0	1.5 J	2.4 J	1.9 J
6020B	Silver	MG/KG	0.40 J	1.6	0.24 J	1.2	1.4	0.13 J	4.2	6.6 J	2.4 J
6020B	Sodium	MG/KG	160	220	440	130 J	86 J	110 J	68 J	250	180 J
6020B	Thallium	MG/KG	<0.05 [U]	<0.45 U	0.14 J	0.30 J	<0.42 U	<0.06 [U]	<0.06 [U]	<0.51 U	<0.5 U
6020B	Vanadium	MG/KG	5.7	13	17	19	10	15	9.2	14	15
6020B	Zinc	MG/KG	11	27	24	200	28	24	28	90 J	36 J
7471B	Mercury	MG/KG	<0.044 [U]	<0.057 [U]	<0.052 [U]	0.092	0.115	<0.050 [U]	<0.058 [U]	0.115	0.068 J
8270D SIM	1-Methylnaphthalene	UG/KG	11	55	1.7 J	7000	4.0 J	<1.2 [U]	190	920 J	300 J
8270D SIM	2-Methylnaphthalene	UG/KG	8.6	45	<2.4 [U]	7500	4.4 J	<2.2 [U]	260	1100 J	360 J
8270D SIM	Acenaphthene	UG/KG	44	99	2.8 J	13000	12	<1.7 [U]	52 J	<3.7 [U]	31
8270D SIM	Acenaphthylene	UG/KG	8.8	32 J	<1.0 [U]	12000	3.2 J	<0.99 [U]	90 J	31	18
8270D SIM	Anthracene	UG/KG	120	360	11	43000	34	<0.63 [U]	630	57	91
8270D SIM	Benzo(A)Anthracene	UG/KG	380	900	26	79000	270	<7.9 U	4200	250	370
8270D SIM	Benzo(B)Fluoranthene	UG/KG	430	1000	27	84000	430	<7.9 U	8200	310	440
8270D SIM	Benzo(G,H,I)Perylene	UG/KG	190	410	11	28000	190	<7.9 U	4900	100 J	180 J
8270D SIM	Benzo(K)Fluoranthene	UG/KG	150	300	11	31000	140	0.95 J	2300	140	120
8270D SIM	Benzo(A)Pyrene	UG/KG	330	770	22	67000	290	<7.9 U	5700	240	320
8270D SIM	Chrysene	UG/KG	320	750	23	62000	290	<7.9 U	4400	260	340
8270D SIM	Dibenz(A,H)Anthracene	UG/KG	51	110	2.7 J	8900	41	<0.79 [U]	950	30	42
8270D SIM	Fluoranthene	UG/KG	710	1800	57	190000	580	<7.9 U	9400	380 J	740 J
8270D SIM	Fluorene	UG/KG	50	120	3.7 J	40000	10	<0.95 [U]	97 J	<2.1 [U]	36
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG	230	490	13	37000	240	<7.9 U	5400	110 J	220 J
8270D SIM	Naphthalene	UG/KG	17	69	2.2 J	6700	4.0 J	<1.4 [U]	210	820 J	260 J
8270D SIM	Phenanthrene	UG/KG	450	1200	35	200000	190	<7.9 U	3000	460	500
8270D SIM	Pyrene	UG/KG	590	1600	48	140000	450	<7.9 U	7600	340 J	620 J

Location ID			SS-13	SS-14	SS-14	SS-15	SS-15	SS-16	SS-17	SS-18	SS-18
Field Sample ID			1221-SS-13-1-2	1221-SS-14-0-1	1221-SS-14-1-2	1221-SS-15-0-1	1221-SS-15-1-2	1221-SS-16-0-1	1221-SS-17-0-1	1221-SS-18-0-1	1221-SS-18-1-2
Lab Sample ID			L2169925-33	L2169925-40	L2169925-41	L2169925-29	L2169925-30	L2169925-46	L2169925-42	L2169925-44	L2169925-45
Date Sampled			12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021
Start Depth - End Depth			1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	1 - 2
Sample Delivery Group (SDG)			L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose			FS	FS	FS	FS	FS	FS	FS	FS	FS
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	78.8	92.3	91.7	80.2	84.9	89.7	88.0	89.1	89.9
2540 G-1997	Moisture (re-entry)	%	21.2	7.70	8.30	19.8	15.1	10.3	12.0	10.9	10.1
6020B	Aluminum	MG/KG	8000	1400	3900	6900	5200	4200	3500	2900	3900
6020B	Antimony	MG/KG	<0.16 [U]	<0.14 [U]	<0.14 [U]	<0.17 [U]	<0.15 [U]	0.33 J	0.23 J	<0.15 [U]	0.18 J
6020B	Arsenic	MG/KG	12	5.4	6.2	12	5.6	3.5	5.1	4.9	4.9
6020B	Barium	MG/KG	50	11	37	79	32	60	39	29	33
6020B	Beryllium	MG/KG	0.74	0.18 J	0.23 J	0.72	0.40	0.24 J	0.28 J	0.28 J	0.29 J
6020B	Cadmium	MG/KG	0.04 J	0.72	0.43	0.21 J	0.03 J	1.2	2.8	0.14 J	0.66
6020B	Calcium	MG/KG	73000	140000	120000	20000	110000	190000	130000	130000	100000
6020B	Chromium	MG/KG	13	6.9	14	11	8.3	15	10	7.9	10
6020B	Cobalt	MG/KG	5.9	2.8	3.2	8.0	5.2	2.8	3.8	4.1	4.3
6020B	Copper	MG/KG	11	6.6	9.9	17	9.7	31	14	16	11
6020B	Iron	MG/KG	28000	9700	10000	20000	16000	8500	13000	12000	12000
6020B	Lead	MG/KG	28	35	28	42	18	28	39	32	29
6020B	Magnesium	MG/KG	15000	68000	53000	8300	42000	15000	48000	58000	42000
6020B	Manganese	MG/KG	450	260	320	350	440	350	400	350	360
6020B	Nickel	MG/KG	17	6.1	10	14	11	7.5	9.1	9.5	11
6020B	Potassium	MG/KG	2800	580	940	720	1700	500	770	700	1100
6020B	Selenium	MG/KG	4.4	1.0 J	1.3 J	3.4	2.5	0.99 J	1.4 J	1.6 J	1.6 J
6020B	Silver	MG/KG	0.17 J	0.46 J	0.61	3.6	0.16 J	15	37	20	28
6020B	Sodium	MG/KG	970	120 J	150 J	560	680	260	140 J	130 J	130 J
6020B	Thallium	MG/KG	0.07 J	<0.41 U	<0.05 [U]	<0.49 U	0.06 J	<0.44 U	<0.43 U	<0.43 U	<0.05 [U]
6020B	Vanadium	MG/KG	16	5.1	9.1	16	11	9.2	9.5	7.6	9.4
6020B	Zinc	MG/KG	15	200	100	44	11	110	71	34	44
7471B	Mercury	MG/KG	<0.052 [U]	<0.059 [U]	<0.045 [U]	0.069 J	<0.048 [U]	0.091	0.110	0.064 J	0.092
8270D SIM	1-Methylnaphthalene	UG/KG	4.2 J	18 J	20 J	45	<1.2 [U]	63 J	270	32 J	66 J
8270D SIM	2-Methylnaphthalene	UG/KG	5.7 J	18 J	21 J	51	<2.2 [U]	65 J	310	36 J	68 J
8270D SIM	Acenaphthene	UG/KG	<1.8 [U]	100	150	7.3 J	<1.6 [U]	480	1300	68	94
8270D SIM	Acenaphthylene	UG/KG	<1.0 [U]	4.8 J	<4.5 [U]	16	<0.96 [U]	44 J	110 J	110	280
8270D SIM	Anthracene	UG/KG	0.67 J	220	330	20	<0.62 [U]	1100	2500	220	510
8270D SIM	Benzo(A)Anthracene	UG/KG	<8.4 U	690	980	120	1.0 J	5000	7300	930	1600
8270D SIM	Benzo(B)Fluoranthene	UG/KG	<8.4 U	870	1000	160	1.0 J	5800	8000	1100	1600
8270D SIM	Benzo(G,H,I)Perylene	UG/KG	<8.4 U	350	520	58	<0.66 [U]	2900	3000	380	650
8270D SIM	Benzo(K)Fluoranthene	UG/KG	1.2 J	230	390	57	<0.69 [U]	2400	2800	370	510
8270D SIM	Benzo(A)Pyrene	UG/KG	<8.4 U	610	820	110	<0.92 [U]	4300	6000	780	1200
8270D SIM	Chrysene	UG/KG	<8.4 U	610	800	130	0.77 J	4400	6000	800	1200
8270D SIM	Dibenz(A,H)Anthracene	UG/KG	<0.84 [U]	86	130	14	<0.77 [U]	750	910	120	200
8270D SIM	Fluoranthene	UG/KG	<8.4 U	1400	2000	240	1.3 J	9200	13000	1600	2900
8270D SIM	Fluorene	UG/KG	<1.0 [U]	82	130	12	<0.92 [U]	390	1200	78	220
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG	<8.4 U	410	610	75	<0.92 [U]	3200	3800	500	810
8270D SIM	Naphthalene	UG/KG	6.4 J	12 J	37	72	<1.4 [U]	54 J	330	58	79
8270D SIM	Phenanthrene	UG/KG	<8.4 U	820	1300	120	1.2 J	4600	8600	830	2100
8270D SIM	Pyrene	UG/KG	<8.4 U	1100	1600	190	1.2 J	7200	10000	1200	2100

Location ID		SS-19	SS-19	SS-20	SS-21	SS-22	SS-22	SS-23	SS-24	SS-24
Field Sample ID		1221-SS-19-0-1	1221-SS-19-1-2	1221-SS-20-0-1	1221-SS-21-0-1	1221-SS-22-0-1	1221-SS-22-1-2	1221-SS-23-0-1	1221-SS-24-0-1	1221-SS-24-0-1-DUP
Lab Sample ID		L2169925-48	L2169925-49	L2169925-38	L2169925-52	L2169925-57	L2169925-58	L2169925-50	L2169925-54	L2169925-55
Date Sampled		12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021	12/17/2021
Start Depth - End Depth		0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
Sample Delivery Group (SDG)		L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925	L2169925
Sample Purpose		FS	FS	FS	FS	FS	FS	FS	FS	DUP
Lab Method	Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2540 G-1997	Percent Solids	%	89.6	92.6	88.2	86.3	89.4	81.6	85.9	93.8
2540 G-1997	Moisture (re-entry)	%	10.4	7.40	11.8	13.7	10.6	18.4	14.1	6.20
6020B	Aluminum	MG/KG	4700	3800	4000	4300	3000	5700	6500	4900 J
6020B	Antimony	MG/KG	<0.14 [U]	<0.14 [U]	<0.15 [U]	<0.15 [U]	<0.15 [U]	<0.16 [U]	<0.15 [U]	0.15 J
6020B	Arsenic	MG/KG	4.0	4.1	5.4	4.4	4.1	4.9	5.1	3.6
6020B	Barium	MG/KG	28	34	38	38	25	37	48	58
6020B	Beryllium	MG/KG	0.29 J	0.20 J	0.35	0.32 J	0.26 J	0.42	0.43	0.28 J
6020B	Cadmium	MG/KG	0.10 J	0.19 J	0.19 J	0.50	0.19 J	0.05 J	0.30	0.48
6020B	Calcium	MG/KG	96000	110000	100000	110000	120000	120000	48000	110000
6020B	Chromium	MG/KG	9.7	7.7	8.1	8.8	8.9	9.5	8.8	8.0
6020B	Cobalt	MG/KG	5.0	4.0	4.6	3.7	3.7	3.5	3.6	3.3
6020B	Copper	MG/KG	8.1	10	12	20	8.9	7.0	15	12
6020B	Iron	MG/KG	12000	12000	13000	11000	10000	16000	13000	10000
6020B	Lead	MG/KG	16	24	41	59	40	17	37	31
6020B	Magnesium	MG/KG	46000	46000	42000	35000	50000	51000	16000	32000
6020B	Manganese	MG/KG	340	470	410	330	340	280	250	320
6020B	Nickel	MG/KG	9.3	8.9	11	11	9.2	9.2	7.5	7.6
6020B	Potassium	MG/KG	620	900	700	730	670	1400	520	580 J
6020B	Selenium	MG/KG	1.2 J	2.0 J	1.6 J	1.4 J	1.1 J	2.6	1.6 J	1.2 J
6020B	Silver	MG/KG	1.7	0.97	26	47	20	2.7	9.6	4.2
6020B	Sodium	MG/KG	95 J	170	120 J	210	130 J	150 J	190	250
6020B	Thallium	MG/KG	<0.43 U	0.10 J	<0.44 U	<0.45 U	<0.44 U	0.09 J	<0.45 U	<0.4 U
6020B	Vanadium	MG/KG	11	11	9.9	11	8.3	10	13	11
6020B	Zinc	MG/KG	28	72	33	110	44	15	64	53
7471B	Mercury	MG/KG	<0.059 [U]	<0.045 [U]	0.119	0.063 J	<0.057 [U]	<0.050 [U]	0.120	1.04
8270D SIM	1-Methylnaphthalene	UG/KG	2.5 J	36	400	96 J	49	8.3 J	790	100 J
8270D SIM	2-Methylnaphthalene	UG/KG	3.0 J	37	320	97 J	56	8.6 J	990	110 J
8270D SIM	Acenaphthene	UG/KG	1.6 J	96	230	640	240	49	4300	830
8270D SIM	Acenaphthylene	UG/KG	1.5 J	180	1800	130 J	15 J	2.8 J	140 J	65 J
8270D SIM	Anthracene	UG/KG	4.5 J	360	1900	1600	500	120	7400	2200
8270D SIM	Benzo(A)Anthracene	UG/KG	26	1100	6300	6600	1900	500	23000	6600
8270D SIM	Benzo(B)Fluoranthene	UG/KG	42	1300	6400	8300	2100	550	27000	7400
8270D SIM	Benzo(G,H,I)Perylene	UG/KG	16	600	2200	2800	540	240	8500	2700
8270D SIM	Benzo(K)Fluoranthene	UG/KG	12	440	2300	2800	900	200	9400	2400
8270D SIM	Benzo(A)Pyrene	UG/KG	27	1000	4600	5800	1500	400	19000	5600
8270D SIM	Chrysene	UG/KG	25	890	4900	6000	1600	440	19000	5600
8270D SIM	Dibenz(A,H)Anthracene	UG/KG	3.2 J	170	740	860	140	69	2700	740
8270D SIM	Fluoranthene	UG/KG	49	2000	12000	13000	3400	1000	44000	13000
8270D SIM	Fluorene	UG/KG	1.3 J	150	1100	630	210	44	3900	750 J
8270D SIM	Indeno(1,2,3-CD)Pyrene	UG/KG	18	710	2800	3500	710	290	10000	3400
8270D SIM	Naphthalene	UG/KG	2.3 J	63	440	110 J	43	9.7 J	1000	99 J
8270D SIM	Phenanthrene	UG/KG	16	1300	8900	7200	1900	490	30000	7700
8270D SIM	Pyrene	UG/KG	41	1600	8700	10000	2700	780	34000	11000



ANALYTICAL REPORT

Lab Number:	L2169925
Client:	DowDuPont, Inc. 4051 Ogletown Road Sabre Building; Suite 300 Newark, DE 19713
ATTN:	Sharon Nordstrom
Phone:	(302) 781-5900
Project Name:	CORTEVA ROCHESTER DRIVING PARK
Project Number:	507862
Report Date:	01/18/22

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2169925-01	1221_B-8_0-0-1	SOIL	ROCHESTER, NY	12/15/21 15:00	12/17/21
L2169925-02	1221_B-8_0-1-2	SOIL	ROCHESTER, NY	12/15/21 15:10	12/17/21
L2169925-03	1221_B-8_1-0-1	SOIL	ROCHESTER, NY	12/15/21 15:40	12/17/21
L2169925-04	1221_B-8_1-1-2	SOIL	ROCHESTER, NY	12/15/21 15:45	12/17/21
L2169925-05	1221_B-8_2-0-1	SOIL	ROCHESTER, NY	12/15/21 16:25	12/17/21
L2169925-06	1221_B-8_2-1-2	SOIL	ROCHESTER, NY	12/15/21 16:30	12/17/21
L2169925-07	1221_SS-01_0-1	SOIL	ROCHESTER, NY	12/16/21 09:45	12/17/21
L2169925-08	1221_SS-01_1-2	SOIL	ROCHESTER, NY	12/16/21 09:50	12/17/21
L2169925-09	1221_SS-03_0-1	SOIL	ROCHESTER, NY	12/16/21 10:20	12/17/21
L2169925-10	1221_SS-03_1-2	SOIL	ROCHESTER, NY	12/16/21 10:25	12/17/21
L2169925-11	1221_SS-02_0-1	SOIL	ROCHESTER, NY	12/16/21 11:25	12/17/21
L2169925-12	1221_SS-02_1-2	SOIL	ROCHESTER, NY	12/16/21 11:30	12/17/21
L2169925-13	1221_B-8_0-0-1 DUP	SOIL	ROCHESTER, NY	12/15/21 15:00	12/17/21
L2169925-14	1221_SS-06_0-1	SOIL	ROCHESTER, NY	12/16/21 13:05	12/17/21
L2169925-15	1221_SS-06_1-2	SOIL	ROCHESTER, NY	12/16/21 13:10	12/17/21
L2169925-16	1221_SS-04_0-1	SOIL	ROCHESTER, NY	12/16/21 12:05	12/17/21
L2169925-17	1221_SS-04_1-2	SOIL	ROCHESTER, NY	12/16/21 12:10	12/17/21
L2169925-18	1221_SS-10_0-1	SOIL	ROCHESTER, NY	12/16/21 16:45	12/17/21
L2169925-19	1221_SS-10_1-2	SOIL	ROCHESTER, NY	12/16/21 16:50	12/17/21
L2169925-20	1221_SS-09_0-1	SOIL	ROCHESTER, NY	12/16/21 16:10	12/17/21
L2169925-21	1221_SS-09_1-2	SOIL	ROCHESTER, NY	12/16/21 16:15	12/17/21
L2169925-22	1221_SS-07_0-1	SOIL	ROCHESTER, NY	12/16/21 14:40	12/17/21
L2169925-23	1221_SS-07_1-2	SOIL	ROCHESTER, NY	12/16/21 14:45	12/17/21
L2169925-24	1221_SS-05_0-1	SOIL	ROCHESTER, NY	12/16/21 15:15	12/17/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2169925-25	1221_SS-05_1-2	SOIL	ROCHESTER, NY	12/16/21 15:20	12/17/21
L2169925-26	1221_SS-08_0-1	SOIL	ROCHESTER, NY	12/16/21 14:40	12/17/21
L2169925-27	1221_SS-08_0-1 DUP	SOIL	ROCHESTER, NY	12/16/21 14:40	12/17/21
L2169925-28	1221_SS-08_1-2	SOIL	ROCHESTER, NY	12/16/21 14:45	12/17/21
L2169925-29	1221_SS-15_0-1	SOIL	ROCHESTER, NY	12/17/21 08:30	12/17/21
L2169925-30	1221_SS-15_1-2	SOIL	ROCHESTER, NY	12/17/21 08:35	12/17/21
L2169925-31	1221_SS-13_0-1	SOIL	ROCHESTER, NY	12/17/21 08:35	12/17/21
L2169925-32	1221_SS-13_0-1 DUP	SOIL	ROCHESTER, NY	12/17/21 08:35	12/17/21
L2169925-33	1221_SS-13_1-2	SOIL	ROCHESTER, NY	12/17/21 08:40	12/17/21
L2169925-34	1221_SS-12_0-1	SOIL	ROCHESTER, NY	12/17/21 08:50	12/17/21
L2169925-35	1221_SS-12_1-2	SOIL	ROCHESTER, NY	12/17/21 09:35	12/17/21
L2169925-36	1221_SS-11_0-1	SOIL	ROCHESTER, NY	12/17/21 09:45	12/17/21
L2169925-37	1221_SS-11_1-2	SOIL	ROCHESTER, NY	12/17/21 09:50	12/17/21
L2169925-38	1221_SS-20_0-1	SOIL	ROCHESTER, NY	12/17/21 10:30	12/17/21
L2169925-39	1221_SS-20_1-2	SOIL	ROCHESTER, NY	12/17/21 10:35	12/17/21
L2169925-40	1221_SS-14_0-1	SOIL	ROCHESTER, NY	12/17/21 10:45	12/17/21
L2169925-41	1221_SS-14_1-2	SOIL	ROCHESTER, NY	12/17/21 10:50	12/17/21
L2169925-42	1221_SS-17_0-1	SOIL	ROCHESTER, NY	12/17/21 10:55	12/17/21
L2169925-43	1221_SS-17_1-2	SOIL	ROCHESTER, NY	12/17/21 11:05	12/17/21
L2169925-44	1221_SS-18_0-1	SOIL	ROCHESTER, NY	12/17/21 11:35	12/17/21
L2169925-45	1221_SS-18_1-2	SOIL	ROCHESTER, NY	12/17/21 11:40	12/17/21
L2169925-46	1221_SS-16_0-1	SOIL	ROCHESTER, NY	12/17/21 12:30	12/17/21
L2169925-47	1221_SS-16_1-2	SOIL	ROCHESTER, NY	12/17/21 12:40	12/17/21
L2169925-48	1221_SS-19_0-1	SOIL	ROCHESTER, NY	12/17/21 12:45	12/17/21
L2169925-49	1221_SS-19_1-2	SOIL	ROCHESTER, NY	12/17/21 12:50	12/17/21
L2169925-50	1221_SS-23_0-1	SOIL	ROCHESTER, NY	12/17/21 13:35	12/17/21
L2169925-51	1221_SS-23_1-2	SOIL	ROCHESTER, NY	12/17/21 13:40	12/17/21
L2169925-52	1221_SS-21_0-1	SOIL	ROCHESTER, NY	12/17/21 13:40	12/17/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2169925-53	1221_SS-21_1-2	SOIL	ROCHESTER, NY	12/17/21 13:45	12/17/21
L2169925-54	1221_SS-24_0-1	SOIL	ROCHESTER, NY	12/17/21 14:20	12/17/21
L2169925-55	1221_SS-24_0-1 DUP	SOIL	ROCHESTER, NY	12/17/21 14:20	12/17/21
L2169925-56	1221_SS-24_1-2	SOIL	ROCHESTER, NY	12/17/21 14:30	12/17/21
L2169925-57	1221_SS-22_0-1	SOIL	ROCHESTER, NY	12/17/21 14:25	12/17/21
L2169925-58	1221_SS-22_1-2	SOIL	ROCHESTER, NY	12/17/21 14:30	12/17/21
L2169925-59	1221_B-8_6-0-1	SOIL	ROCHESTER, NY	12/17/21 15:05	12/17/21
L2169925-60	1221_B-8_6-1-2	SOIL	ROCHESTER, NY	12/17/21 15:15	12/17/21
L2169925-61	1221_EB-01	WATER	ROCHESTER, NY	12/16/21 16:25	12/17/21
L2169925-62	1221_EB-02	WATER	ROCHESTER, NY	12/17/21 10:55	12/17/21
L2169925-63	1221_EB-03	WATER	ROCHESTER, NY	12/17/21 14:45	12/17/21

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Case Narrative (continued)

Report Revision

January 18, 2022: This report includes the results of the Total Cadmium analysis performed on L2169925-02, and the Semivolatile Organics by SIM and TAL Metals analyses performed on L2169925-08, -12, -15, -17, -21, -23, -25, -28, -30, -33, -37, -41, -45, -49, and -58.

Report Submission

January 04, 2022: This final report includes the results of all requested analyses. In addition, the WG1585484-4/-5 and WG1585484-6/-7 MS/MSDs have been amended for the Semivolatile Organics by SIM analysis.

December 28, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics by SIM

L2169925-07D, -20D, -23D, -40D, -44D, and -45D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2169925-09D, -12D, -17D, -18D, -34D, -38D, -42D, -46D, -50D, -52D, -54D, and -55D: The surrogate recoveries are below the acceptance criteria for nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The WG1585484-6 MS recoveries, performed on L2169925-31, are outside the acceptance criteria for naphthalene (0%), 1-methylnaphthalene (0%), and 2-methylnaphthalene (0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Total Metals

The WG1586061-3 MS recovery, performed on L2169925-01, is outside the acceptance criteria for cadmium (128%). A post digestion spike was performed and was within acceptance criteria.

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Case Narrative (continued)

The WG1586061-7/-8 MS/MSD recoveries, performed on L2169925-26, are outside the acceptance criteria for aluminum (21%/40%). A post digestion spike was performed and yielded an unacceptable recovery of 0%.

The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1586061-7/-8 MS/MSD recoveries for calcium (1220%/1220%), iron (49%/0%), magnesium (1700%/0%), and manganese (170%/368%), performed on L2169925-26, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1586061-7/-8 MS/MSD RPDs for aluminum (22%) and manganese (21%), performed on L2169925-26, are above the acceptance criteria.

The WG1586074-3/-4 MS/MSD recoveries, performed on L2169925-31, are outside the acceptance criteria for aluminum (0%/43%) and zinc (57%/135%). A post digestion spike was performed and yielded unacceptable recoveries for aluminum (395%) and zinc (79%). The serial dilution recoveries were acceptable; therefore, the matrix test passed for the sample matrix.

The WG1586074-3/-4 MS/MSD recoveries, performed on L2169925-31, are outside the acceptance criteria for antimony (74%/60%), arsenic (1050%/48%), chromium (MSD 130%), copper (MSD 151%), lead (36%/201%), manganese (38%/213%), and potassium (MSD 128%). A post digestion spike was performed and was within acceptance criteria.

The WG1586074-3/-4 MS/MSD recoveries for calcium (0%/193%), iron (382%/193%), and magnesium (0%/0%), performed on L2169925-31, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1586074-3/-4 MS/MSD RPDs for aluminum (33%), antimony (23%), arsenic (130%), calcium (41%), copper (27%), lead (51%), magnesium (25%), manganese (34%), potassium (29%), and zinc (29%), performed on L2169925-31, are above the acceptance criteria.

The WG1586074-7/-8 MS/MSD recoveries, performed on L2169925-54, are outside the acceptance criteria for aluminum (25%/0%). A post digestion spike was performed and yielded an unacceptable recovery of 496%.

The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1586074-7/-8 MS/MSD recoveries, performed on L2169925-54, are outside the acceptance criteria for antimony (67%/65%) and potassium (MS 138%). A post digestion spike was performed and was within

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Case Narrative (continued)

acceptance criteria.

The WG1586074-7/-8 MS/MSD recoveries for calcium (1240%/0%), iron (MSD 0%), and magnesium (247%/0%), performed on L2169925-54, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1586078-5/-6 MS/MSD recoveries for mercury (299%/1070%), performed on L2169925-54, do not apply because the sample concentration is greater than four times the spike amount added. The MS/MSD RPD for mercury (62%) is above the acceptance criteria.

The WG1587048-3 MS recovery, performed on L2169925-11, is outside the acceptance criteria for aluminum (48%). A post digestion spike was performed and was within acceptance criteria.

The WG1587048-3 MS recoveries for calcium (0%), iron (24%), and magnesium (0%), performed on L2169925-11, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1590394-3 MS recovery, performed on L2169925-08, is outside the acceptance criteria for mercury (134%). A post digestion spike was performed and was within acceptance criteria.

The WG1593330-3 MS recovery, performed on L2169925-02, is outside the acceptance criteria for cadmium (133%). A post digestion spike was performed and was within acceptance criteria.

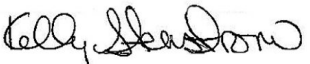
The WG1593330-4 Laboratory Duplicate RPD for cadmium (47%), performed on L2169925-02, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Moisture

The WG1585844-1 Laboratory Duplicate RPD for moisture (55%), performed on L2169925-26, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

The WG1585847-1 Laboratory Duplicate RPD for moisture (82%), performed on L2169925-54, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 01/18/22

ORGANICS

SEMIVOLATILES

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-07 D
Client ID: 1221_SS-01_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 09:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/27/21 12:13
Analyst: JJW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	79		ug/kg	70	15.	10
Fluoranthene	2900		ug/kg	70	4.9	10
Naphthalene	28	J	ug/kg	70	13.	10
Benzo(a)anthracene	1000		ug/kg	70	6.7	10
Benzo(a)pyrene	1100		ug/kg	70	8.5	10
Benzo(b)fluoranthene	1700		ug/kg	70	6.7	10
Benzo(k)fluoranthene	600		ug/kg	70	6.4	10
Chrysene	1200		ug/kg	70	5.3	10
Acenaphthylene	19	J	ug/kg	70	8.8	10
Anthracene	200		ug/kg	70	5.6	10
Benzo(ghi)perylene	870		ug/kg	70	6.0	10
Fluorene	83		ug/kg	70	8.5	10
Phenanthrene	1400		ug/kg	70	6.0	10
Dibenzo(a,h)anthracene	170		ug/kg	70	7.0	10
Indeno(1,2,3-cd)pyrene	980		ug/kg	70	8.5	10
Pyrene	2200		ug/kg	70	4.9	10
1-Methylnaphthalene	12	J	ug/kg	70	11.	10
2-Methylnaphthalene	ND		ug/kg	70	20.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	56		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
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SAMPLE RESULTS

Lab ID: L2169925-08 D
Client ID: 1221_SS-01_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 09:50
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/07/22 17:21
Analyst: DV
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	160		ug/kg	43	9.0	5
Fluoranthene	2300		ug/kg	43	3.0	5
Naphthalene	92		ug/kg	43	7.7	5
Benzo(a)anthracene	1000		ug/kg	43	4.0	5
Benzo(a)pyrene	960		ug/kg	43	5.1	5
Benzo(b)fluoranthene	1300		ug/kg	43	4.0	5
Benzo(k)fluoranthene	420		ug/kg	43	3.8	5
Chrysene	940		ug/kg	43	3.2	5
Acenaphthylene	16	J	ug/kg	43	5.3	5
Anthracene	390		ug/kg	43	3.4	5
Benzo(ghi)perylene	610		ug/kg	43	3.6	5
Fluorene	160		ug/kg	43	5.1	5
Phenanthrene	1400		ug/kg	43	3.6	5
Dibenzo(a,h)anthracene	150		ug/kg	43	4.3	5
Indeno(1,2,3-cd)pyrene	670		ug/kg	43	5.1	5
Pyrene	1800		ug/kg	43	3.0	5
1-Methylnaphthalene	55		ug/kg	43	6.6	5
2-Methylnaphthalene	60		ug/kg	43	12.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	85		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-09 D
Client ID: 1221_SS-03_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 10:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 12:39
Analyst: JJW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	960		ug/kg	360	75.	50
Fluoranthene	25000		ug/kg	360	25.	50
Naphthalene	330	J	ug/kg	360	64.	50
Benzo(a)anthracene	14000		ug/kg	360	34.	50
Benzo(a)pyrene	12000		ug/kg	360	43.	50
Benzo(b)fluoranthene	16000		ug/kg	360	34.	50
Benzo(k)fluoranthene	5500		ug/kg	360	32.	50
Chrysene	12000		ug/kg	360	27.	50
Acenaphthylene	630		ug/kg	360	44.	50
Anthracene	3500		ug/kg	360	28.	50
Benzo(ghi)perylene	7100		ug/kg	360	30.	50
Fluorene	1000		ug/kg	360	43.	50
Phenanthrene	12000		ug/kg	360	30.	50
Dibenzo(a,h)anthracene	1800		ug/kg	360	36.	50
Indeno(1,2,3-cd)pyrene	8400		ug/kg	360	43.	50
Pyrene	21000		ug/kg	360	25.	50
1-Methylnaphthalene	220	J	ug/kg	360	55.	50
2-Methylnaphthalene	190	J	ug/kg	360	100	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-11
Client ID: 1221_SS-02_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 11:25
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/21/21 15:12
Analyst: JJW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.7	J	ug/kg	7.0	1.5	1
Fluoranthene	110		ug/kg	7.0	0.49	1
Naphthalene	ND		ug/kg	7.0	1.2	1
Benzo(a)anthracene	35		ug/kg	7.0	0.66	1
Benzo(a)pyrene	41		ug/kg	7.0	0.84	1
Benzo(b)fluoranthene	61		ug/kg	7.0	0.66	1
Benzo(k)fluoranthene	27		ug/kg	7.0	0.63	1
Chrysene	49		ug/kg	7.0	0.52	1
Acenaphthylene	ND		ug/kg	7.0	0.87	1
Anthracene	6.0	J	ug/kg	7.0	0.56	1
Benzo(ghi)perylene	32		ug/kg	7.0	0.59	1
Fluorene	1.5	J	ug/kg	7.0	0.84	1
Phenanthrene	46		ug/kg	7.0	0.59	1
Dibenzo(a,h)anthracene	4.6	J	ug/kg	7.0	0.70	1
Indeno(1,2,3-cd)pyrene	35		ug/kg	7.0	0.84	1
Pyrene	87		ug/kg	7.0	0.49	1
1-Methylnaphthalene	ND		ug/kg	7.0	1.1	1
2-Methylnaphthalene	ND		ug/kg	7.0	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	68		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-12 D
Client ID: 1221_SS-02_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 11:30
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/08/22 15:41
Analyst: DV
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	3200		ug/kg	760	160	100
Fluoranthene	38000		ug/kg	760	53.	100
Naphthalene	1600		ug/kg	760	140	100
Benzo(a)anthracene	17000		ug/kg	760	72.	100
Benzo(a)pyrene	14000		ug/kg	760	91.	100
Benzo(b)fluoranthene	18000		ug/kg	760	72.	100
Benzo(k)fluoranthene	5700		ug/kg	760	68.	100
Chrysene	14000		ug/kg	760	57.	100
Acenaphthylene	150	J	ug/kg	760	95.	100
Anthracene	6800		ug/kg	760	61.	100
Benzo(ghi)perylene	7300		ug/kg	760	64.	100
Fluorene	3200		ug/kg	760	91.	100
Phenanthrene	28000		ug/kg	760	64.	100
Dibenzo(a,h)anthracene	2000		ug/kg	760	76.	100
Indeno(1,2,3-cd)pyrene	8900		ug/kg	760	91.	100
Pyrene	30000		ug/kg	760	53.	100
1-Methylnaphthalene	620	J	ug/kg	760	120	100
2-Methylnaphthalene	770		ug/kg	760	220	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-14
Client ID: 1221_SS-06_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 13:05
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/27/21 17:20
Analyst: DV
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	6.7	J	ug/kg	6.9	1.4	1
Fluoranthene	260		ug/kg	6.9	0.48	1
Naphthalene	1.9	J	ug/kg	6.9	1.2	1
Benzo(a)anthracene	100		ug/kg	6.9	0.66	1
Benzo(a)pyrene	97		ug/kg	6.9	0.83	1
Benzo(b)fluoranthene	160		ug/kg	6.9	0.66	1
Benzo(k)fluoranthene	72		ug/kg	6.9	0.62	1
Chrysene	110		ug/kg	6.9	0.52	1
Acenaphthylene	1.9	J	ug/kg	6.9	0.86	1
Anthracene	18		ug/kg	6.9	0.55	1
Benzo(ghi)perylene	38		ug/kg	6.9	0.59	1
Fluorene	5.4	J	ug/kg	6.9	0.83	1
Phenanthrene	110		ug/kg	6.9	0.59	1
Dibenzo(a,h)anthracene	11		ug/kg	6.9	0.69	1
Indeno(1,2,3-cd)pyrene	48		ug/kg	6.9	0.83	1
Pyrene	200		ug/kg	6.9	0.48	1
1-Methylnaphthalene	2.1	J	ug/kg	6.9	1.1	1
2-Methylnaphthalene	ND		ug/kg	6.9	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	67		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-15
Client ID: 1221_SS-06_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 13:10
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/22 14:12
Analyst: DV
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	8.2	1.7	1
Fluoranthene	94		ug/kg	8.2	0.58	1
Naphthalene	ND		ug/kg	8.2	1.5	1
Benzo(a)anthracene	38		ug/kg	8.2	0.78	1
Benzo(a)pyrene	20		ug/kg	8.2	0.99	1
Benzo(b)fluoranthene	46		ug/kg	8.2	0.78	1
Benzo(k)fluoranthene	15		ug/kg	8.2	0.74	1
Chrysene	44		ug/kg	8.2	0.62	1
Acenaphthylene	ND		ug/kg	8.2	1.0	1
Anthracene	4.3	J	ug/kg	8.2	0.66	1
Benzo(ghi)perylene	10		ug/kg	8.2	0.70	1
Fluorene	1.8	J	ug/kg	8.2	0.99	1
Phenanthrene	23		ug/kg	8.2	0.70	1
Dibenzo(a,h)anthracene	3.2	J	ug/kg	8.2	0.82	1
Indeno(1,2,3-cd)pyrene	15		ug/kg	8.2	0.99	1
Pyrene	95		ug/kg	8.2	0.58	1
1-Methylnaphthalene	ND		ug/kg	8.2	1.3	1
2-Methylnaphthalene	ND		ug/kg	8.2	2.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	60		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-16 D
Client ID: 1221_SS-04_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 12:05
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 12:55
Analyst: JJW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	33		ug/kg	14	2.9	2
Fluoranthene	1000		ug/kg	14	0.98	2
Naphthalene	5.4	J	ug/kg	14	2.5	2
Benzo(a)anthracene	490		ug/kg	14	1.3	2
Benzo(a)pyrene	440		ug/kg	14	1.7	2
Benzo(b)fluoranthene	650		ug/kg	14	1.3	2
Benzo(k)fluoranthene	170		ug/kg	14	1.3	2
Chrysene	440		ug/kg	14	1.0	2
Acenaphthylene	7.1	J	ug/kg	14	1.8	2
Anthracene	95		ug/kg	14	1.1	2
Benzo(ghi)perylene	260		ug/kg	14	1.2	2
Fluorene	23		ug/kg	14	1.7	2
Phenanthrene	430		ug/kg	14	1.2	2
Dibenzo(a,h)anthracene	67		ug/kg	14	1.4	2
Indeno(1,2,3-cd)pyrene	310		ug/kg	14	1.7	2
Pyrene	860		ug/kg	14	0.98	2
1-Methylnaphthalene	4.5	J	ug/kg	14	2.2	2
2-Methylnaphthalene	ND		ug/kg	14	4.0	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	80		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-17 D
Client ID: 1221_SS-04_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 12:10
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/08/22 15:58
Analyst: DV
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	4000		ug/kg	770	160	100
Fluoranthene	57000		ug/kg	770	54.	100
Naphthalene	960		ug/kg	770	140	100
Benzo(a)anthracene	27000		ug/kg	770	73.	100
Benzo(a)pyrene	20000		ug/kg	770	93.	100
Benzo(b)fluoranthene	26000		ug/kg	770	73.	100
Benzo(k)fluoranthene	9500		ug/kg	770	70.	100
Chrysene	22000		ug/kg	770	58.	100
Acenaphthylene	200	J	ug/kg	770	97.	100
Anthracene	9100		ug/kg	770	62.	100
Benzo(ghi)perylene	9500		ug/kg	770	66.	100
Fluorene	2700		ug/kg	770	93.	100
Phenanthrene	32000		ug/kg	770	66.	100
Dibenzo(a,h)anthracene	2800		ug/kg	770	77.	100
Indeno(1,2,3-cd)pyrene	12000		ug/kg	770	93.	100
Pyrene	46000		ug/kg	770	54.	100
1-Methylnaphthalene	600	J	ug/kg	770	120	100
2-Methylnaphthalene	600	J	ug/kg	770	220	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-18 D
Client ID: 1221_SS-10_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 16:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 16:45
Analyst: DV
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	13000		ug/kg	3600	760	400
Fluoranthene	190000		ug/kg	3600	260	400
Naphthalene	6700		ug/kg	3600	660	400
Benzo(a)anthracene	79000		ug/kg	3600	350	400
Benzo(a)pyrene	67000		ug/kg	3600	440	400
Benzo(b)fluoranthene	84000		ug/kg	3600	350	400
Benzo(k)fluoranthene	31000		ug/kg	3600	330	400
Chrysene	62000		ug/kg	3600	270	400
Acenaphthylene	12000		ug/kg	3600	460	400
Anthracene	43000		ug/kg	3600	290	400
Benzo(ghi)perylene	28000		ug/kg	3600	310	400
Fluorene	40000		ug/kg	3600	440	400
Phenanthrene	200000		ug/kg	3600	310	400
Dibenzo(a,h)anthracene	8900		ug/kg	3600	360	400
Indeno(1,2,3-cd)pyrene	37000		ug/kg	3600	440	400
Pyrene	140000		ug/kg	3600	260	400
1-Methylnaphthalene	7000		ug/kg	3600	560	400
2-Methylnaphthalene	7500		ug/kg	3600	1000	400

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-20 D
Client ID: 1221_SS-09_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 16:10
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 13:28
Analyst: JJW
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	99		ug/kg	39	8.2	5
Fluoranthene	1800		ug/kg	39	2.7	5
Naphthalene	69		ug/kg	39	7.0	5
Benzo(a)anthracene	900		ug/kg	39	3.7	5
Benzo(a)pyrene	770		ug/kg	39	4.7	5
Benzo(b)fluoranthene	1000		ug/kg	39	3.7	5
Benzo(k)fluoranthene	300		ug/kg	39	3.5	5
Chrysene	750		ug/kg	39	2.9	5
Acenaphthylene	32	J	ug/kg	39	4.9	5
Anthracene	360		ug/kg	39	3.1	5
Benzo(ghi)perylene	410		ug/kg	39	3.3	5
Fluorene	120		ug/kg	39	4.7	5
Phenanthrene	1200		ug/kg	39	3.3	5
Dibenzo(a,h)anthracene	110		ug/kg	39	3.9	5
Indeno(1,2,3-cd)pyrene	490		ug/kg	39	4.7	5
Pyrene	1600		ug/kg	39	2.7	5
1-Methylnaphthalene	55		ug/kg	39	6.0	5
2-Methylnaphthalene	45		ug/kg	39	11.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	82		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-21
Client ID: 1221_SS-09_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 16:15
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/22 13:23
Analyst: DV
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.8	J	ug/kg	8.3	1.7	1
Fluoranthene	57		ug/kg	8.3	0.58	1
Naphthalene	2.2	J	ug/kg	8.3	1.5	1
Benzo(a)anthracene	26		ug/kg	8.3	0.79	1
Benzo(a)pyrene	22		ug/kg	8.3	1.0	1
Benzo(b)fluoranthene	27		ug/kg	8.3	0.79	1
Benzo(k)fluoranthene	11		ug/kg	8.3	0.75	1
Chrysene	23		ug/kg	8.3	0.62	1
Acenaphthylene	ND		ug/kg	8.3	1.0	1
Anthracene	11		ug/kg	8.3	0.66	1
Benzo(ghi)perylene	11		ug/kg	8.3	0.71	1
Fluorene	3.7	J	ug/kg	8.3	1.0	1
Phenanthrene	35		ug/kg	8.3	0.71	1
Dibenzo(a,h)anthracene	2.7	J	ug/kg	8.3	0.83	1
Indeno(1,2,3-cd)pyrene	13		ug/kg	8.3	1.0	1
Pyrene	48		ug/kg	8.3	0.58	1
1-Methylnaphthalene	1.7	J	ug/kg	8.3	1.3	1
2-Methylnaphthalene	ND		ug/kg	8.3	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	70		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-22 D
Client ID: 1221_SS-07_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 14:40
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 13:44
Analyst: JJW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	200		ug/kg	36	7.7	5
Fluoranthene	2800		ug/kg	36	2.6	5
Naphthalene	110		ug/kg	36	6.6	5
Benzo(a)anthracene	1400		ug/kg	36	3.5	5
Benzo(a)pyrene	1200		ug/kg	36	4.4	5
Benzo(b)fluoranthene	1600		ug/kg	36	3.5	5
Benzo(k)fluoranthene	570		ug/kg	36	3.3	5
Chrysene	1200		ug/kg	36	2.7	5
Acenaphthylene	31	J	ug/kg	36	4.6	5
Anthracene	500		ug/kg	36	2.9	5
Benzo(ghi)perylene	700		ug/kg	36	3.1	5
Fluorene	210		ug/kg	36	4.4	5
Phenanthrene	1900		ug/kg	36	3.1	5
Dibenzo(a,h)anthracene	190		ug/kg	36	3.6	5
Indeno(1,2,3-cd)pyrene	840		ug/kg	36	4.4	5
Pyrene	2200		ug/kg	36	2.6	5
1-Methylnaphthalene	62		ug/kg	36	5.6	5
2-Methylnaphthalene	57		ug/kg	36	10.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	90		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-23 D
Client ID: 1221_SS-07_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 14:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/07/22 18:59
Analyst: DV
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/29/21 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	160		ug/kg	40	8.3	5
Fluoranthene	1900		ug/kg	40	2.8	5
Naphthalene	150		ug/kg	40	7.1	5
Benzo(a)anthracene	1000		ug/kg	40	3.8	5
Benzo(a)pyrene	930		ug/kg	40	4.7	5
Benzo(b)fluoranthene	1200		ug/kg	40	3.8	5
Benzo(k)fluoranthene	410		ug/kg	40	3.6	5
Chrysene	850		ug/kg	40	3.0	5
Acenaphthylene	50		ug/kg	40	4.9	5
Anthracene	310		ug/kg	40	3.2	5
Benzo(ghi)perylene	530		ug/kg	40	3.4	5
Fluorene	140		ug/kg	40	4.7	5
Phenanthrene	1000		ug/kg	40	3.4	5
Dibenzo(a,h)anthracene	150		ug/kg	40	4.0	5
Indeno(1,2,3-cd)pyrene	620		ug/kg	40	4.7	5
Pyrene	1600		ug/kg	40	2.8	5
1-Methylnaphthalene	37	J	ug/kg	40	6.1	5
2-Methylnaphthalene	50		ug/kg	40	11.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	58		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-24
Client ID: 1221_SS-05_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 15:15
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/21/21 17:07
Analyst: JJW
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	32		ug/kg	8.1	1.7	1
Fluoranthene	790		ug/kg	8.1	0.57	1
Naphthalene	150		ug/kg	8.1	1.4	1
Benzo(a)anthracene	560		ug/kg	8.1	0.77	1
Benzo(a)pyrene	590		ug/kg	8.1	0.97	1
Benzo(b)fluoranthene	810		ug/kg	8.1	0.77	1
Benzo(k)fluoranthene	240		ug/kg	8.1	0.73	1
Chrysene	540		ug/kg	8.1	0.61	1
Acenaphthylene	38		ug/kg	8.1	1.0	1
Anthracene	100		ug/kg	8.1	0.65	1
Benzo(ghi)perylene	420		ug/kg	8.1	0.69	1
Fluorene	36		ug/kg	8.1	0.97	1
Phenanthrene	390		ug/kg	8.1	0.69	1
Dibenzo(a,h)anthracene	97		ug/kg	8.1	0.81	1
Indeno(1,2,3-cd)pyrene	500		ug/kg	8.1	0.97	1
Pyrene	660		ug/kg	8.1	0.57	1
1-Methylnaphthalene	76		ug/kg	8.1	1.2	1
2-Methylnaphthalene	73		ug/kg	8.1	2.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	63		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-25
Client ID: 1221_SS-05_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 15:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/22 13:40
Analyst: DV
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	28		ug/kg	7.9	1.6	1
Fluoranthene	360		ug/kg	7.9	0.55	1
Naphthalene	24		ug/kg	7.9	1.4	1
Benzo(a)anthracene	160		ug/kg	7.9	0.75	1
Benzo(a)pyrene	120		ug/kg	7.9	0.95	1
Benzo(b)fluoranthene	180		ug/kg	7.9	0.75	1
Benzo(k)fluoranthene	62		ug/kg	7.9	0.71	1
Chrysene	150		ug/kg	7.9	0.59	1
Acenaphthylene	2.7	J	ug/kg	7.9	0.99	1
Anthracene	46		ug/kg	7.9	0.63	1
Benzo(ghi)perylene	71		ug/kg	7.9	0.67	1
Fluorene	31		ug/kg	7.9	0.95	1
Phenanthrene	250		ug/kg	7.9	0.67	1
Dibenzo(a,h)anthracene	21		ug/kg	7.9	0.79	1
Indeno(1,2,3-cd)pyrene	81		ug/kg	7.9	0.95	1
Pyrene	280		ug/kg	7.9	0.55	1
1-Methylnaphthalene	12		ug/kg	7.9	1.2	1
2-Methylnaphthalene	12		ug/kg	7.9	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	53		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-26 D
Client ID: 1221_SS-08_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 14:40
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/27/21 16:02
Analyst: JJW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	150		ug/kg	36	7.5	5
Fluoranthene	2500		ug/kg	36	2.5	5
Naphthalene	53		ug/kg	36	6.4	5
Benzo(a)anthracene	1200		ug/kg	36	3.4	5
Benzo(a)pyrene	1100		ug/kg	36	4.3	5
Benzo(b)fluoranthene	1400		ug/kg	36	3.4	5
Benzo(k)fluoranthene	670		ug/kg	36	3.2	5
Chrysene	1100		ug/kg	36	2.7	5
Acenaphthylene	27	J	ug/kg	36	4.5	5
Anthracene	390		ug/kg	36	2.9	5
Benzo(ghi)perylene	370		ug/kg	36	3.0	5
Fluorene	150		ug/kg	36	4.3	5
Phenanthrene	1500		ug/kg	36	3.0	5
Dibenzo(a,h)anthracene	93		ug/kg	36	3.6	5
Indeno(1,2,3-cd)pyrene	500		ug/kg	36	4.3	5
Pyrene	2000		ug/kg	36	2.5	5
1-Methylnaphthalene	35	J	ug/kg	36	5.5	5
2-Methylnaphthalene	29	J	ug/kg	36	10.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	94		30-120
4-Terphenyl-d14	83		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-27
Client ID: 1221_SS-08_0-1 DUP
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 14:40
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/21/21 17:23
Analyst: JJW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	32		ug/kg	7.1	1.5	1
Fluoranthene	710		ug/kg	7.1	0.50	1
Naphthalene	13		ug/kg	7.1	1.3	1
Benzo(a)anthracene	370		ug/kg	7.1	0.68	1
Benzo(a)pyrene	320		ug/kg	7.1	0.86	1
Benzo(b)fluoranthene	460		ug/kg	7.1	0.68	1
Benzo(k)fluoranthene	120		ug/kg	7.1	0.64	1
Chrysene	330		ug/kg	7.1	0.54	1
Acenaphthylene	9.1		ug/kg	7.1	0.89	1
Anthracene	100		ug/kg	7.1	0.57	1
Benzo(ghi)perylene	160		ug/kg	7.1	0.61	1
Fluorene	35		ug/kg	7.1	0.86	1
Phenanthrene	380		ug/kg	7.1	0.61	1
Dibenzo(a,h)anthracene	37		ug/kg	7.1	0.71	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	7.1	0.86	1
Pyrene	580		ug/kg	7.1	0.50	1
1-Methylnaphthalene	8.5		ug/kg	7.1	1.1	1
2-Methylnaphthalene	6.6	J	ug/kg	7.1	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	74		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-28
Client ID: 1221_SS-08_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 14:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/22 14:45
Analyst: DV
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	44		ug/kg	7.1	1.5	1
Fluoranthene	710		ug/kg	7.1	0.50	1
Naphthalene	17		ug/kg	7.1	1.3	1
Benzo(a)anthracene	380		ug/kg	7.1	0.68	1
Benzo(a)pyrene	330		ug/kg	7.1	0.85	1
Benzo(b)fluoranthene	430		ug/kg	7.1	0.68	1
Benzo(k)fluoranthene	150		ug/kg	7.1	0.64	1
Chrysene	320		ug/kg	7.1	0.53	1
Acenaphthylene	8.8		ug/kg	7.1	0.89	1
Anthracene	120		ug/kg	7.1	0.57	1
Benzo(ghi)perylene	190		ug/kg	7.1	0.60	1
Fluorene	50		ug/kg	7.1	0.85	1
Phenanthrene	450		ug/kg	7.1	0.60	1
Dibenzo(a,h)anthracene	51		ug/kg	7.1	0.71	1
Indeno(1,2,3-cd)pyrene	230		ug/kg	7.1	0.85	1
Pyrene	590		ug/kg	7.1	0.50	1
1-Methylnaphthalene	11		ug/kg	7.1	1.1	1
2-Methylnaphthalene	8.6		ug/kg	7.1	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	65		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-29
Client ID: 1221_SS-15_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 08:30
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/21/21 17:39
Analyst: JJW
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	7.3	J	ug/kg	8.3	1.7	1
Fluoranthene	240		ug/kg	8.3	0.58	1
Naphthalene	72		ug/kg	8.3	1.5	1
Benzo(a)anthracene	120		ug/kg	8.3	0.79	1
Benzo(a)pyrene	110		ug/kg	8.3	0.99	1
Benzo(b)fluoranthene	160		ug/kg	8.3	0.79	1
Benzo(k)fluoranthene	57		ug/kg	8.3	0.74	1
Chrysene	130		ug/kg	8.3	0.62	1
Acenaphthylene	16		ug/kg	8.3	1.0	1
Anthracene	20		ug/kg	8.3	0.66	1
Benzo(ghi)perylene	58		ug/kg	8.3	0.70	1
Fluorene	12		ug/kg	8.3	0.99	1
Phenanthrene	120		ug/kg	8.3	0.70	1
Dibenzo(a,h)anthracene	14		ug/kg	8.3	0.83	1
Indeno(1,2,3-cd)pyrene	75		ug/kg	8.3	0.99	1
Pyrene	190		ug/kg	8.3	0.58	1
1-Methylnaphthalene	45		ug/kg	8.3	1.3	1
2-Methylnaphthalene	51		ug/kg	8.3	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	62		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-30
Client ID: 1221_SS-15_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 08:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/22 13:56
Analyst: DV
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/29/21 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	7.7	1.6	1
Fluoranthene	1.3	J	ug/kg	7.7	0.54	1
Naphthalene	ND		ug/kg	7.7	1.4	1
Benzo(a)anthracene	1.0	J	ug/kg	7.7	0.73	1
Benzo(a)pyrene	ND		ug/kg	7.7	0.92	1
Benzo(b)fluoranthene	1.0	J	ug/kg	7.7	0.73	1
Benzo(k)fluoranthene	ND		ug/kg	7.7	0.69	1
Chrysene	0.77	J	ug/kg	7.7	0.58	1
Acenaphthylene	ND		ug/kg	7.7	0.96	1
Anthracene	ND		ug/kg	7.7	0.62	1
Benzo(ghi)perylene	ND		ug/kg	7.7	0.66	1
Fluorene	ND		ug/kg	7.7	0.92	1
Phenanthrene	1.2	J	ug/kg	7.7	0.66	1
Dibenzo(a,h)anthracene	ND		ug/kg	7.7	0.77	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	7.7	0.92	1
Pyrene	1.2	J	ug/kg	7.7	0.54	1
1-Methylnaphthalene	ND		ug/kg	7.7	1.2	1
2-Methylnaphthalene	ND		ug/kg	7.7	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	60		30-120
4-Terphenyl-d14	40		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-31 D
Client ID: 1221_SS-13_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 08:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/27/21 16:51
Analyst: JJW
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	18	3.7	2
Fluoranthene	380		ug/kg	18	1.2	2
Naphthalene	820		ug/kg	18	3.2	2
Benzo(a)anthracene	250		ug/kg	18	1.7	2
Benzo(a)pyrene	240		ug/kg	18	2.1	2
Benzo(b)fluoranthene	310		ug/kg	18	1.7	2
Benzo(k)fluoranthene	140		ug/kg	18	1.6	2
Chrysene	260		ug/kg	18	1.3	2
Acenaphthylene	31		ug/kg	18	2.2	2
Anthracene	57		ug/kg	18	1.4	2
Benzo(ghi)perylene	100		ug/kg	18	1.5	2
Fluorene	ND		ug/kg	18	2.1	2
Phenanthrene	460		ug/kg	18	1.5	2
Dibenzo(a,h)anthracene	30		ug/kg	18	1.8	2
Indeno(1,2,3-cd)pyrene	110		ug/kg	18	2.1	2
Pyrene	340		ug/kg	18	1.2	2
1-Methylnaphthalene	920		ug/kg	18	2.7	2
2-Methylnaphthalene	1100		ug/kg	18	5.0	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	82		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-32
Client ID: 1221_SS-13_0-1 DUP
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 08:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/23/21 16:36
Analyst: JJW
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 14:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	31		ug/kg	8.3	1.8	1
Fluoranthene	740		ug/kg	8.3	0.58	1
Naphthalene	260		ug/kg	8.3	1.5	1
Benzo(a)anthracene	370		ug/kg	8.3	0.79	1
Benzo(a)pyrene	320		ug/kg	8.3	1.0	1
Benzo(b)fluoranthene	440		ug/kg	8.3	0.79	1
Benzo(k)fluoranthene	120		ug/kg	8.3	0.75	1
Chrysene	340		ug/kg	8.3	0.62	1
Acenaphthylene	18		ug/kg	8.3	1.0	1
Anthracene	91		ug/kg	8.3	0.67	1
Benzo(ghi)perylene	180		ug/kg	8.3	0.71	1
Fluorene	36		ug/kg	8.3	1.0	1
Phenanthrene	500		ug/kg	8.3	0.71	1
Dibenzo(a,h)anthracene	42		ug/kg	8.3	0.83	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	8.3	1.0	1
Pyrene	620		ug/kg	8.3	0.58	1
1-Methylnaphthalene	300		ug/kg	8.3	1.3	1
2-Methylnaphthalene	360		ug/kg	8.3	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
4-Terphenyl-d14	54		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-33
Client ID: 1221_SS-13_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 08:40
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/22 12:50
Analyst: DV
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	8.4	1.8	1
Fluoranthene	4.4	J	ug/kg	8.4	0.59	1
Naphthalene	6.4	J	ug/kg	8.4	1.5	1
Benzo(a)anthracene	2.4	J	ug/kg	8.4	0.80	1
Benzo(a)pyrene	1.8	J	ug/kg	8.4	1.0	1
Benzo(b)fluoranthene	3.0	J	ug/kg	8.4	0.80	1
Benzo(k)fluoranthene	1.2	J	ug/kg	8.4	0.76	1
Chrysene	2.5	J	ug/kg	8.4	0.63	1
Acenaphthylene	ND		ug/kg	8.4	1.0	1
Anthracene	0.67	J	ug/kg	8.4	0.67	1
Benzo(ghi)perylene	1.3	J	ug/kg	8.4	0.71	1
Fluorene	ND		ug/kg	8.4	1.0	1
Phenanthrene	4.2	J	ug/kg	8.4	0.71	1
Dibenzo(a,h)anthracene	ND		ug/kg	8.4	0.84	1
Indeno(1,2,3-cd)pyrene	1.4	J	ug/kg	8.4	1.0	1
Pyrene	3.8	J	ug/kg	8.4	0.59	1
1-Methylnaphthalene	4.2	J	ug/kg	8.4	1.3	1
2-Methylnaphthalene	5.7	J	ug/kg	8.4	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	72		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-34 D
Client ID: 1221_SS-12_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 08:50
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 14:01
Analyst: JJW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	52	J	ug/kg	140	30.	20
Fluoranthene	9400		ug/kg	140	10.	20
Naphthalene	210		ug/kg	140	26.	20
Benzo(a)anthracene	4200		ug/kg	140	14.	20
Benzo(a)pyrene	5700		ug/kg	140	17.	20
Benzo(b)fluoranthene	8200		ug/kg	140	14.	20
Benzo(k)fluoranthene	2300		ug/kg	140	13.	20
Chrysene	4400		ug/kg	140	11.	20
Acenaphthylene	90	J	ug/kg	140	18.	20
Anthracene	630		ug/kg	140	11.	20
Benzo(ghi)perylene	4900		ug/kg	140	12.	20
Fluorene	97	J	ug/kg	140	17.	20
Phenanthrene	3000		ug/kg	140	12.	20
Dibenzo(a,h)anthracene	950		ug/kg	140	14.	20
Indeno(1,2,3-cd)pyrene	5400		ug/kg	140	17.	20
Pyrene	7600		ug/kg	140	10.	20
1-Methylnaphthalene	190		ug/kg	140	22.	20
2-Methylnaphthalene	260		ug/kg	140	40.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-36
Client ID: 1221_SS-11_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 09:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/23/21 16:52
Analyst: JJW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	12		ug/kg	7.1	1.5	1
Fluoranthene	580		ug/kg	7.1	0.50	1
Naphthalene	4.0	J	ug/kg	7.1	1.3	1
Benzo(a)anthracene	270		ug/kg	7.1	0.68	1
Benzo(a)pyrene	290		ug/kg	7.1	0.85	1
Benzo(b)fluoranthene	430		ug/kg	7.1	0.68	1
Benzo(k)fluoranthene	140		ug/kg	7.1	0.64	1
Chrysene	290		ug/kg	7.1	0.53	1
Acenaphthylene	3.2	J	ug/kg	7.1	0.89	1
Anthracene	34		ug/kg	7.1	0.57	1
Benzo(ghi)perylene	190		ug/kg	7.1	0.60	1
Fluorene	10		ug/kg	7.1	0.85	1
Phenanthrene	190		ug/kg	7.1	0.60	1
Dibenzo(a,h)anthracene	41		ug/kg	7.1	0.71	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	7.1	0.85	1
Pyrene	450		ug/kg	7.1	0.50	1
1-Methylnaphthalene	4.0	J	ug/kg	7.1	1.1	1
2-Methylnaphthalene	4.4	J	ug/kg	7.1	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	62		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-37
Client ID: 1221_SS-11_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 09:50
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/22 13:07
Analyst: DV
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	7.9	1.7	1
Fluoranthene	3.0	J	ug/kg	7.9	0.55	1
Naphthalene	ND		ug/kg	7.9	1.4	1
Benzo(a)anthracene	1.8	J	ug/kg	7.9	0.75	1
Benzo(a)pyrene	1.7	J	ug/kg	7.9	0.95	1
Benzo(b)fluoranthene	3.2	J	ug/kg	7.9	0.75	1
Benzo(k)fluoranthene	0.95	J	ug/kg	7.9	0.71	1
Chrysene	1.9	J	ug/kg	7.9	0.59	1
Acenaphthylene	ND		ug/kg	7.9	0.99	1
Anthracene	ND		ug/kg	7.9	0.63	1
Benzo(ghi)perylene	1.8	J	ug/kg	7.9	0.67	1
Fluorene	ND		ug/kg	7.9	0.95	1
Phenanthrene	2.0	J	ug/kg	7.9	0.67	1
Dibenzo(a,h)anthracene	ND		ug/kg	7.9	0.79	1
Indeno(1,2,3-cd)pyrene	1.8	J	ug/kg	7.9	0.95	1
Pyrene	2.6	J	ug/kg	7.9	0.55	1
1-Methylnaphthalene	ND		ug/kg	7.9	1.2	1
2-Methylnaphthalene	ND		ug/kg	7.9	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	66		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-38 D
Client ID: 1221_SS-20_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 10:30
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 14:17
Analyst: JJW
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	230		ug/kg	150	31.	20
Fluoranthene	12000		ug/kg	150	10.	20
Naphthalene	440		ug/kg	150	27.	20
Benzo(a)anthracene	6300		ug/kg	150	14.	20
Benzo(a)pyrene	4600		ug/kg	150	18.	20
Benzo(b)fluoranthene	6400		ug/kg	150	14.	20
Benzo(k)fluoranthene	2300		ug/kg	150	13.	20
Chrysene	4900		ug/kg	150	11.	20
Acenaphthylene	1800		ug/kg	150	18.	20
Anthracene	1900		ug/kg	150	12.	20
Benzo(ghi)perylene	2200		ug/kg	150	13.	20
Fluorene	1100		ug/kg	150	18.	20
Phenanthrene	8900		ug/kg	150	13.	20
Dibenzo(a,h)anthracene	740		ug/kg	150	15.	20
Indeno(1,2,3-cd)pyrene	2800		ug/kg	150	18.	20
Pyrene	8700		ug/kg	150	10.	20
1-Methylnaphthalene	400		ug/kg	150	23.	20
2-Methylnaphthalene	320		ug/kg	150	42.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-40 D
Client ID: 1221_SS-14_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 10:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 14:34
Analyst: JJW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	100		ug/kg	35	7.4	5
Fluoranthene	1400		ug/kg	35	2.5	5
Naphthalene	12	J	ug/kg	35	6.4	5
Benzo(a)anthracene	690		ug/kg	35	3.4	5
Benzo(a)pyrene	610		ug/kg	35	4.2	5
Benzo(b)fluoranthene	870		ug/kg	35	3.4	5
Benzo(k)fluoranthene	230		ug/kg	35	3.2	5
Chrysene	610		ug/kg	35	2.6	5
Acenaphthylene	4.8	J	ug/kg	35	4.4	5
Anthracene	220		ug/kg	35	2.8	5
Benzo(ghi)perylene	350		ug/kg	35	3.0	5
Fluorene	82		ug/kg	35	4.2	5
Phenanthrene	820		ug/kg	35	3.0	5
Dibenzo(a,h)anthracene	86		ug/kg	35	3.5	5
Indeno(1,2,3-cd)pyrene	410		ug/kg	35	4.2	5
Pyrene	1100		ug/kg	35	2.5	5
1-Methylnaphthalene	18	J	ug/kg	35	5.5	5
2-Methylnaphthalene	18	J	ug/kg	35	10.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	68		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-41 D
Client ID: 1221_SS-14_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 10:50
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/07/22 18:10
Analyst: DV
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	150		ug/kg	36	7.6	5
Fluoranthene	2000		ug/kg	36	2.5	5
Naphthalene	37		ug/kg	36	6.5	5
Benzo(a)anthracene	980		ug/kg	36	3.4	5
Benzo(a)pyrene	820		ug/kg	36	4.4	5
Benzo(b)fluoranthene	1000		ug/kg	36	3.4	5
Benzo(k)fluoranthene	390		ug/kg	36	3.3	5
Chrysene	800		ug/kg	36	2.7	5
Acenaphthylene	ND		ug/kg	36	4.5	5
Anthracene	330		ug/kg	36	2.9	5
Benzo(ghi)perylene	520		ug/kg	36	3.1	5
Fluorene	130		ug/kg	36	4.4	5
Phenanthrene	1300		ug/kg	36	3.1	5
Dibenzo(a,h)anthracene	130		ug/kg	36	3.6	5
Indeno(1,2,3-cd)pyrene	610		ug/kg	36	4.4	5
Pyrene	1600		ug/kg	36	2.5	5
1-Methylnaphthalene	20	J	ug/kg	36	5.6	5
2-Methylnaphthalene	21	J	ug/kg	36	10.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	76		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-42 D
Client ID: 1221_SS-17_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 10:55
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 14:50
Analyst: DV
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1300		ug/kg	180	39.	25
Fluoranthene	13000		ug/kg	180	13.	25
Naphthalene	330		ug/kg	180	33.	25
Benzo(a)anthracene	7300		ug/kg	180	18.	25
Benzo(a)pyrene	6000		ug/kg	180	22.	25
Benzo(b)fluoranthene	8000		ug/kg	180	18.	25
Benzo(k)fluoranthene	2800		ug/kg	180	17.	25
Chrysene	6000		ug/kg	180	14.	25
Acenaphthylene	110	J	ug/kg	180	23.	25
Anthracene	2500		ug/kg	180	15.	25
Benzo(ghi)perylene	3000		ug/kg	180	16.	25
Fluorene	1200		ug/kg	180	22.	25
Phenanthrene	8600		ug/kg	180	16.	25
Dibenzo(a,h)anthracene	910		ug/kg	180	18.	25
Indeno(1,2,3-cd)pyrene	3800		ug/kg	180	22.	25
Pyrene	10000		ug/kg	180	13.	25
1-Methylnaphthalene	270		ug/kg	180	29.	25
2-Methylnaphthalene	310		ug/kg	180	53.	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-44 D
Client ID: 1221_SS-18_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 11:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 15:06
Analyst: DV
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	68		ug/kg	37	7.8	5
Fluoranthene	1600		ug/kg	37	2.6	5
Naphthalene	58		ug/kg	37	6.7	5
Benzo(a)anthracene	930		ug/kg	37	3.5	5
Benzo(a)pyrene	780		ug/kg	37	4.4	5
Benzo(b)fluoranthene	1100		ug/kg	37	3.5	5
Benzo(k)fluoranthene	370		ug/kg	37	3.3	5
Chrysene	800		ug/kg	37	2.8	5
Acenaphthylene	110		ug/kg	37	4.6	5
Anthracene	220		ug/kg	37	3.0	5
Benzo(ghi)perylene	380		ug/kg	37	3.2	5
Fluorene	78		ug/kg	37	4.4	5
Phenanthrene	830		ug/kg	37	3.2	5
Dibenzo(a,h)anthracene	120		ug/kg	37	3.7	5
Indeno(1,2,3-cd)pyrene	500		ug/kg	37	4.4	5
Pyrene	1200		ug/kg	37	2.6	5
1-Methylnaphthalene	32	J	ug/kg	37	5.8	5
2-Methylnaphthalene	36	J	ug/kg	37	10.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	62		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-45 D
Client ID: 1221_SS-18_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 11:40
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/07/22 18:27
Analyst: DV
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	94		ug/kg	73	15.	10
Fluoranthene	2900		ug/kg	73	5.1	10
Naphthalene	79		ug/kg	73	13.	10
Benzo(a)anthracene	1600		ug/kg	73	6.9	10
Benzo(a)pyrene	1200		ug/kg	73	8.8	10
Benzo(b)fluoranthene	1600		ug/kg	73	6.9	10
Benzo(k)fluoranthene	510		ug/kg	73	6.6	10
Chrysene	1200		ug/kg	73	5.5	10
Acenaphthylene	280		ug/kg	73	9.1	10
Anthracene	510		ug/kg	73	5.8	10
Benzo(ghi)perylene	650		ug/kg	73	6.2	10
Fluorene	220		ug/kg	73	8.8	10
Phenanthrene	2100		ug/kg	73	6.2	10
Dibenzo(a,h)anthracene	200		ug/kg	73	7.3	10
Indeno(1,2,3-cd)pyrene	810		ug/kg	73	8.8	10
Pyrene	2100		ug/kg	73	5.1	10
1-Methylnaphthalene	66	J	ug/kg	73	11.	10
2-Methylnaphthalene	68	J	ug/kg	73	21.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	68		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-46 D
Client ID: 1221_SS-16_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 12:30
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 15:23
Analyst: DV
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	480		ug/kg	140	31.	20
Fluoranthene	9200		ug/kg	140	10.	20
Naphthalene	54	J	ug/kg	140	26.	20
Benzo(a)anthracene	5000		ug/kg	140	14.	20
Benzo(a)pyrene	4300		ug/kg	140	18.	20
Benzo(b)fluoranthene	5800		ug/kg	140	14.	20
Benzo(k)fluoranthene	2400		ug/kg	140	13.	20
Chrysene	4400		ug/kg	140	11.	20
Acenaphthylene	44	J	ug/kg	140	18.	20
Anthracene	1100		ug/kg	140	12.	20
Benzo(ghi)perylene	2900		ug/kg	140	12.	20
Fluorene	390		ug/kg	140	18.	20
Phenanthrene	4600		ug/kg	140	12.	20
Dibenzo(a,h)anthracene	750		ug/kg	140	14.	20
Indeno(1,2,3-cd)pyrene	3200		ug/kg	140	18.	20
Pyrene	7200		ug/kg	140	10.	20
1-Methylnaphthalene	63	J	ug/kg	140	23.	20
2-Methylnaphthalene	65	J	ug/kg	140	42.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-48
Client ID: 1221_SS-19_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 12:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/23/21 17:58
Analyst: JJW
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.6	J	ug/kg	7.3	1.5	1
Fluoranthene	49		ug/kg	7.3	0.51	1
Naphthalene	2.3	J	ug/kg	7.3	1.3	1
Benzo(a)anthracene	26		ug/kg	7.3	0.69	1
Benzo(a)pyrene	27		ug/kg	7.3	0.87	1
Benzo(b)fluoranthene	42		ug/kg	7.3	0.69	1
Benzo(k)fluoranthene	12		ug/kg	7.3	0.66	1
Chrysene	25		ug/kg	7.3	0.55	1
Acenaphthylene	1.5	J	ug/kg	7.3	0.91	1
Anthracene	4.5	J	ug/kg	7.3	0.58	1
Benzo(ghi)perylene	16		ug/kg	7.3	0.62	1
Fluorene	1.3	J	ug/kg	7.3	0.87	1
Phenanthrene	16		ug/kg	7.3	0.62	1
Dibenzo(a,h)anthracene	3.2	J	ug/kg	7.3	0.73	1
Indeno(1,2,3-cd)pyrene	18		ug/kg	7.3	0.87	1
Pyrene	41		ug/kg	7.3	0.51	1
1-Methylnaphthalene	2.5	J	ug/kg	7.3	1.1	1
2-Methylnaphthalene	3.0	J	ug/kg	7.3	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	61		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-49 D
Client ID: 1221_SS-19_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 12:50
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/07/22 18:43
Analyst: DV
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	96		ug/kg	35	7.4	5
Fluoranthene	2000		ug/kg	35	2.4	5
Naphthalene	63		ug/kg	35	6.3	5
Benzo(a)anthracene	1100		ug/kg	35	3.3	5
Benzo(a)pyrene	1000		ug/kg	35	4.2	5
Benzo(b)fluoranthene	1300		ug/kg	35	3.3	5
Benzo(k)fluoranthene	440		ug/kg	35	3.2	5
Chrysene	890		ug/kg	35	2.6	5
Acenaphthylene	180		ug/kg	35	4.4	5
Anthracene	360		ug/kg	35	2.8	5
Benzo(ghi)perylene	600		ug/kg	35	3.0	5
Fluorene	150		ug/kg	35	4.2	5
Phenanthrene	1300		ug/kg	35	3.0	5
Dibenzo(a,h)anthracene	170		ug/kg	35	3.5	5
Indeno(1,2,3-cd)pyrene	710		ug/kg	35	4.2	5
Pyrene	1600		ug/kg	35	2.4	5
1-Methylnaphthalene	36		ug/kg	35	5.4	5
2-Methylnaphthalene	37		ug/kg	35	10.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	69		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-50 D
Client ID: 1221_SS-23_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 13:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 17:01
Analyst: DV
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	4300		ug/kg	750	160	100
Fluoranthene	44000		ug/kg	750	53.	100
Naphthalene	1000		ug/kg	750	140	100
Benzo(a)anthracene	23000		ug/kg	750	72.	100
Benzo(a)pyrene	19000		ug/kg	750	90.	100
Benzo(b)fluoranthene	27000		ug/kg	750	72.	100
Benzo(k)fluoranthene	9400		ug/kg	750	68.	100
Chrysene	19000		ug/kg	750	56.	100
Acenaphthylene	140	J	ug/kg	750	94.	100
Anthracene	7400		ug/kg	750	60.	100
Benzo(ghi)perylene	8500		ug/kg	750	64.	100
Fluorene	3900		ug/kg	750	90.	100
Phenanthrene	30000		ug/kg	750	64.	100
Dibenzo(a,h)anthracene	2700		ug/kg	750	75.	100
Indeno(1,2,3-cd)pyrene	10000		ug/kg	750	90.	100
Pyrene	34000		ug/kg	750	53.	100
1-Methylnaphthalene	790		ug/kg	750	120	100
2-Methylnaphthalene	990		ug/kg	750	210	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-52 D
Client ID: 1221_SS-21_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 13:40
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 15:56
Analyst: DV
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	640		ug/kg	150	32.	20
Fluoranthene	13000		ug/kg	150	11.	20
Naphthalene	110	J	ug/kg	150	27.	20
Benzo(a)anthracene	6600		ug/kg	150	14.	20
Benzo(a)pyrene	5800		ug/kg	150	18.	20
Benzo(b)fluoranthene	8300		ug/kg	150	14.	20
Benzo(k)fluoranthene	2800		ug/kg	150	14.	20
Chrysene	6000		ug/kg	150	11.	20
Acenaphthylene	130	J	ug/kg	150	19.	20
Anthracene	1600		ug/kg	150	12.	20
Benzo(ghi)perylene	2800		ug/kg	150	13.	20
Fluorene	630		ug/kg	150	18.	20
Phenanthrene	7200		ug/kg	150	13.	20
Dibenzo(a,h)anthracene	860		ug/kg	150	15.	20
Indeno(1,2,3-cd)pyrene	3500		ug/kg	150	18.	20
Pyrene	10000		ug/kg	150	11.	20
1-Methylnaphthalene	96	J	ug/kg	150	24.	20
2-Methylnaphthalene	97	J	ug/kg	150	43.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-54 D
Client ID: 1221_SS-24_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 14:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 16:12
Analyst: DV
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	830		ug/kg	180	37.	25
Fluoranthene	13000		ug/kg	180	12.	25
Naphthalene	99	J	ug/kg	180	32.	25
Benzo(a)anthracene	6600		ug/kg	180	17.	25
Benzo(a)pyrene	5600		ug/kg	180	21.	25
Benzo(b)fluoranthene	7400		ug/kg	180	17.	25
Benzo(k)fluoranthene	2400		ug/kg	180	16.	25
Chrysene	5600		ug/kg	180	13.	25
Acenaphthylene	65	J	ug/kg	180	22.	25
Anthracene	2200		ug/kg	180	14.	25
Benzo(ghi)perylene	2700		ug/kg	180	15.	25
Fluorene	750		ug/kg	180	21.	25
Phenanthrene	7700		ug/kg	180	15.	25
Dibenzo(a,h)anthracene	740		ug/kg	180	18.	25
Indeno(1,2,3-cd)pyrene	3400		ug/kg	180	21.	25
Pyrene	11000		ug/kg	180	12.	25
1-Methylnaphthalene	100	J	ug/kg	180	27.	25
2-Methylnaphthalene	110	J	ug/kg	180	50.	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-55 D
Client ID: 1221_SS-24_0-1 DUP
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 14:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/21 16:29
Analyst: DV
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1100		ug/kg	190	39.	25
Fluoranthene	17000		ug/kg	190	13.	25
Naphthalene	79	J	ug/kg	190	33.	25
Benzo(a)anthracene	8900		ug/kg	190	18.	25
Benzo(a)pyrene	6800		ug/kg	190	22.	25
Benzo(b)fluoranthene	9700		ug/kg	190	18.	25
Benzo(k)fluoranthene	2600		ug/kg	190	17.	25
Chrysene	7200		ug/kg	190	14.	25
Acenaphthylene	240		ug/kg	190	23.	25
Anthracene	3200		ug/kg	190	15.	25
Benzo(ghi)perylene	3000		ug/kg	190	16.	25
Fluorene	1200		ug/kg	190	22.	25
Phenanthrene	11000		ug/kg	190	16.	25
Dibenzo(a,h)anthracene	870		ug/kg	190	19.	25
Indeno(1,2,3-cd)pyrene	3800		ug/kg	190	22.	25
Pyrene	14000		ug/kg	190	13.	25
1-Methylnaphthalene	120	J	ug/kg	190	29.	25
2-Methylnaphthalene	100	J	ug/kg	190	53.	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-57 D
Client ID: 1221_SS-22_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 14:25
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/27/21 14:24
Analyst: JJW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/20/21 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	240		ug/kg	37	7.7	5
Fluoranthene	3400		ug/kg	37	2.6	5
Naphthalene	43		ug/kg	37	6.6	5
Benzo(a)anthracene	1900		ug/kg	37	3.5	5
Benzo(a)pyrene	1500		ug/kg	37	4.4	5
Benzo(b)fluoranthene	2100		ug/kg	37	3.5	5
Benzo(k)fluoranthene	900		ug/kg	37	3.3	5
Chrysene	1600		ug/kg	37	2.7	5
Acenaphthylene	15	J	ug/kg	37	4.6	5
Anthracene	500		ug/kg	37	2.9	5
Benzo(ghi)perylene	540		ug/kg	37	3.1	5
Fluorene	210		ug/kg	37	4.4	5
Phenanthrene	1900		ug/kg	37	3.1	5
Dibenzo(a,h)anthracene	140		ug/kg	37	3.7	5
Indeno(1,2,3-cd)pyrene	710		ug/kg	37	4.4	5
Pyrene	2700		ug/kg	37	2.6	5
1-Methylnaphthalene	49		ug/kg	37	5.7	5
2-Methylnaphthalene	56		ug/kg	37	10.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	68		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-58 D
Client ID: 1221_SS-22_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 14:30
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 01/07/22 19:16
Analyst: DV
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 12/29/21 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	49		ug/kg	16	3.3	2
Fluoranthene	1000		ug/kg	16	1.1	2
Naphthalene	9.7	J	ug/kg	16	2.8	2
Benzo(a)anthracene	500		ug/kg	16	1.5	2
Benzo(a)pyrene	400		ug/kg	16	1.9	2
Benzo(b)fluoranthene	550		ug/kg	16	1.5	2
Benzo(k)fluoranthene	200		ug/kg	16	1.4	2
Chrysene	440		ug/kg	16	1.2	2
Acenaphthylene	2.8	J	ug/kg	16	2.0	2
Anthracene	120		ug/kg	16	1.3	2
Benzo(ghi)perylene	240		ug/kg	16	1.4	2
Fluorene	44		ug/kg	16	1.9	2
Phenanthrene	490		ug/kg	16	1.4	2
Dibenzo(a,h)anthracene	69		ug/kg	16	1.6	2
Indeno(1,2,3-cd)pyrene	290		ug/kg	16	1.9	2
Pyrene	780		ug/kg	16	1.1	2
1-Methylnaphthalene	8.3	J	ug/kg	16	2.5	2
2-Methylnaphthalene	8.6	J	ug/kg	16	4.5	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	47		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-61
Client ID: 1221_EB-01
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 16:25
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/21 15:07
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/21/21 18:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.01	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	79		15-120
4-Terphenyl-d14	98		41-149

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-62
Client ID: 1221_EB-02
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 10:55
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/21 15:27
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/21/21 18:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	90		15-120
4-Terphenyl-d14	99		41-149

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-63
Client ID: 1221_EB-03
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 14:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/21 14:47
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/21/21 18:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	96		15-120
4-Terphenyl-d14	110		41-149

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/21/21 14:55
Analyst: JJW

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07,09,11,14,16,18,20,22,24,26-27,29,31 Batch: WG1585484-1					
Acenaphthene	ND		ug/kg	6.6	1.4
Fluoranthene	1.7	J	ug/kg	6.6	0.46
Naphthalene	ND		ug/kg	6.6	1.2
Benzo(a)anthracene	1.3	J	ug/kg	6.6	0.63
Benzo(a)pyrene	0.83	J	ug/kg	6.6	0.80
Benzo(b)fluoranthene	1.0	J	ug/kg	6.6	0.63
Benzo(k)fluoranthene	ND		ug/kg	6.6	0.60
Chrysene	1.0	J	ug/kg	6.6	0.50
Acenaphthylene	ND		ug/kg	6.6	0.83
Anthracene	ND		ug/kg	6.6	0.53
Benzo(ghi)perylene	ND		ug/kg	6.6	0.56
Fluorene	ND		ug/kg	6.6	0.80
Phenanthrene	0.93	J	ug/kg	6.6	0.56
Dibenzo(a,h)anthracene	ND		ug/kg	6.6	0.66
Indeno(1,2,3-cd)pyrene	ND		ug/kg	6.6	0.80
Pyrene	1.8	J	ug/kg	6.6	0.46
1-Methylnaphthalene	ND		ug/kg	6.6	1.0
2-Methylnaphthalene	ND		ug/kg	6.6	1.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	76		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/21/21 19:51
Analyst: JJW

Extraction Method: EPA 3546
Extraction Date: 12/20/21 11:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 32,34,36,38,40,42,44,46,48,50,52,54-55,57 Batch: WG1585508-1					
Acenaphthene	ND		ug/kg	6.6	1.4
Fluoranthene	ND		ug/kg	6.6	0.46
Naphthalene	ND		ug/kg	6.6	1.2
Benzo(a)anthracene	ND		ug/kg	6.6	0.62
Benzo(a)pyrene	ND		ug/kg	6.6	0.79
Benzo(b)fluoranthene	ND		ug/kg	6.6	0.62
Benzo(k)fluoranthene	ND		ug/kg	6.6	0.59
Chrysene	ND		ug/kg	6.6	0.49
Acenaphthylene	ND		ug/kg	6.6	0.82
Anthracene	ND		ug/kg	6.6	0.53
Benzo(ghi)perylene	ND		ug/kg	6.6	0.56
Fluorene	ND		ug/kg	6.6	0.79
Phenanthrene	ND		ug/kg	6.6	0.56
Dibenzo(a,h)anthracene	ND		ug/kg	6.6	0.66
Indeno(1,2,3-cd)pyrene	ND		ug/kg	6.6	0.79
Pyrene	ND		ug/kg	6.6	0.46
1-Methylnaphthalene	ND		ug/kg	6.6	1.0
2-Methylnaphthalene	ND		ug/kg	6.6	1.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	64		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/21 13:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/21/21 18:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 61-63 Batch: WG1586292-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	96		15-120
4-Terphenyl-d14	107		41-149

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/22 11:12
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 12/21/21 10:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08,12,15,17,21,25,28,33,37,41,45,49 Batch: WG1590426-1					
Acenaphthene	ND		ug/kg	6.6	1.4
Fluoranthene	1.4	J	ug/kg	6.6	0.46
Naphthalene	ND		ug/kg	6.6	1.2
Benzo(a)anthracene	1.3	J	ug/kg	6.6	0.63
Benzo(a)pyrene	1.1	J	ug/kg	6.6	0.79
Benzo(b)fluoranthene	2.0	J	ug/kg	6.6	0.63
Benzo(k)fluoranthene	ND		ug/kg	6.6	0.60
Chrysene	1.2	J	ug/kg	6.6	0.50
Acenaphthylene	ND		ug/kg	6.6	0.83
Anthracene	ND		ug/kg	6.6	0.53
Benzo(ghi)perylene	0.96	J	ug/kg	6.6	0.56
Fluorene	ND		ug/kg	6.6	0.79
Phenanthrene	1.4	J	ug/kg	6.6	0.56
Dibenzo(a,h)anthracene	ND		ug/kg	6.6	0.66
Indeno(1,2,3-cd)pyrene	0.96	J	ug/kg	6.6	0.79
Pyrene	1.1	J	ug/kg	6.6	0.46
1-Methylnaphthalene	ND		ug/kg	6.6	1.0
2-Methylnaphthalene	ND		ug/kg	6.6	1.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	69		18-120

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/22 12:34
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 12/29/21 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 23,30,58 Batch: WG1590434-1					
Acenaphthene	ND		ug/kg	6.5	1.4
Fluoranthene	ND		ug/kg	6.5	0.46
Naphthalene	ND		ug/kg	6.5	1.2
Benzo(a)anthracene	ND		ug/kg	6.5	0.62
Benzo(a)pyrene	ND		ug/kg	6.5	0.78
Benzo(b)fluoranthene	ND		ug/kg	6.5	0.62
Benzo(k)fluoranthene	ND		ug/kg	6.5	0.59
Chrysene	ND		ug/kg	6.5	0.49
Acenaphthylene	ND		ug/kg	6.5	0.81
Anthracene	ND		ug/kg	6.5	0.52
Benzo(ghi)perylene	ND		ug/kg	6.5	0.55
Fluorene	ND		ug/kg	6.5	0.78
Phenanthrene	ND		ug/kg	6.5	0.55
Dibenzo(a,h)anthracene	ND		ug/kg	6.5	0.65
Indeno(1,2,3-cd)pyrene	ND		ug/kg	6.5	0.78
Pyrene	ND		ug/kg	6.5	0.46
1-Methylnaphthalene	ND		ug/kg	6.5	1.0
2-Methylnaphthalene	ND		ug/kg	6.5	1.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	62		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07,09,11,14,16,18,20,22,24,26-27,29,31 Batch: WG1585484-2 WG1585484-3								
Acenaphthene	70		82		40-140	16		50
Fluoranthene	76		88		40-140	15		50
Naphthalene	70		80		40-140	13		50
Benzo(a)anthracene	74		86		40-140	15		50
Benzo(a)pyrene	79		91		40-140	14		50
Benzo(b)fluoranthene	80		86		40-140	7		50
Benzo(k)fluoranthene	78		93		40-140	18		50
Chrysene	69		78		40-140	12		50
Acenaphthylene	80		91		40-140	13		50
Anthracene	72		83		40-140	14		50
Benzo(ghi)perylene	74		84		40-140	13		50
Fluorene	76		88		40-140	15		50
Phenanthrene	70		80		40-140	13		50
Dibenzo(a,h)anthracene	77		87		40-140	12		50
Indeno(1,2,3-cd)pyrene	73		81		40-140	10		50
Pyrene	74		85		35-142	14		50
1-Methylnaphthalene	76		87		40-140	13		50
2-Methylnaphthalene	73		84		40-140	14		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07,09,11,14,16,18,20,22,24,26-27,29,31 Batch: WG1585484-2 WG1585484-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	68		75		23-120
2-Fluorobiphenyl	73		81		30-120
4-Terphenyl-d14	69		76		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 32,34,36,38,40,42,44,46,48,50,52,54-55,57 Batch: WG1585508-2 WG1585508-3								
Acenaphthene	64		61		40-140	5		50
Fluoranthene	68		65		40-140	5		50
Naphthalene	65		60		40-140	8		50
Benzo(a)anthracene	72		69		40-140	4		50
Benzo(a)pyrene	72		69		40-140	4		50
Benzo(b)fluoranthene	72		68		40-140	6		50
Benzo(k)fluoranthene	68		66		40-140	3		50
Chrysene	62		60		40-140	3		50
Acenaphthylene	72		68		40-140	6		50
Anthracene	66		64		40-140	3		50
Benzo(ghi)perylene	56		54		40-140	4		50
Fluorene	68		64		40-140	6		50
Phenanthrene	62		59		40-140	5		50
Dibenzo(a,h)anthracene	67		64		40-140	5		50
Indeno(1,2,3-cd)pyrene	63		60		40-140	5		50
Pyrene	66		63		35-142	5		50
1-Methylnaphthalene	70		65		40-140	7		50
2-Methylnaphthalene	68		63		40-140	8		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 32,34,36,38,40,42,44,46,48,50,52,54-55,57 Batch: WG1585508-2 WG1585508-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	64		59		23-120
2-Fluorobiphenyl	63		59		30-120
4-Terphenyl-d14	58		55		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 61-63 Batch: WG1586292-2 WG1586292-3								
Acenaphthene	75		81		40-140	8		40
2-Chloronaphthalene	78		84		40-140	7		40
Fluoranthene	85		94		40-140	10		40
Naphthalene	72		78		40-140	8		40
Benzo(a)anthracene	79		86		40-140	8		40
Benzo(a)pyrene	87		94		40-140	8		40
Benzo(b)fluoranthene	88		96		40-140	9		40
Benzo(k)fluoranthene	88		95		40-140	8		40
Chrysene	82		87		40-140	6		40
Acenaphthylene	85		92		40-140	8		40
Anthracene	82		87		40-140	6		40
Benzo(ghi)perylene	78		84		40-140	7		40
Fluorene	79		86		40-140	8		40
Phenanthrene	78		84		40-140	7		40
Dibenzo(a,h)anthracene	81		88		40-140	8		40
Indeno(1,2,3-cd)pyrene	82		89		40-140	8		40
Pyrene	86		94		40-140	9		40
2-Methylnaphthalene	76		82		40-140	8		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 61-63 Batch: WG1586292-2 WG1586292-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	72		78		23-120
2-Fluorobiphenyl	81		87		15-120
4-Terphenyl-d14	88		96		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08,12,15,17,21,25,28,33,37,41,45,49 Batch: WG1590426-2 WG1590426-3								
Acenaphthene	78		79		40-140	1		50
Fluoranthene	89		86		40-140	3		50
Naphthalene	71		77		40-140	8		50
Benzo(a)anthracene	94		88		40-140	7		50
Benzo(a)pyrene	97		94		40-140	3		50
Benzo(b)fluoranthene	96		94		40-140	2		50
Benzo(k)fluoranthene	96		92		40-140	4		50
Chrysene	82		82		40-140	0		50
Acenaphthylene	84		87		40-140	4		50
Anthracene	82		82		40-140	0		50
Benzo(ghi)perylene	88		85		40-140	3		50
Fluorene	84		83		40-140	1		50
Phenanthrene	80		79		40-140	1		50
Dibenzo(a,h)anthracene	93		91		40-140	2		50
Indeno(1,2,3-cd)pyrene	92		87		40-140	6		50
Pyrene	88		84		35-142	5		50
1-Methylnaphthalene	79		82		40-140	4		50
2-Methylnaphthalene	76		80		40-140	5		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08,12,15,17,21,25,28,33,37,41,45,49 Batch: WG1590426-2 WG1590426-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		74		25-120
Phenol-d6	81		84		10-120
Nitrobenzene-d5	78		82		23-120
2-Fluorobiphenyl	75		76		30-120
2,4,6-Tribromophenol	114		109		10-136
4-Terphenyl-d14	71		68		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 23,30,58 Batch: WG1590434-2 WG1590434-3								
Acenaphthene	76		78		40-140	3		50
Fluoranthene	82		84		40-140	2		50
Naphthalene	73		76		40-140	4		50
Benzo(a)anthracene	86		87		40-140	1		50
Benzo(a)pyrene	88		90		40-140	2		50
Benzo(b)fluoranthene	87		86		40-140	1		50
Benzo(k)fluoranthene	89		94		40-140	5		50
Chrysene	76		79		40-140	4		50
Acenaphthylene	82		84		40-140	2		50
Anthracene	80		82		40-140	2		50
Benzo(ghi)perylene	81		82		40-140	1		50
Fluorene	80		82		40-140	2		50
Phenanthrene	76		78		40-140	3		50
Dibenzo(a,h)anthracene	86		88		40-140	2		50
Indeno(1,2,3-cd)pyrene	84		85		40-140	1		50
Pyrene	81		82		35-142	1		50
1-Methylnaphthalene	79		82		40-140	4		50
2-Methylnaphthalene	76		79		40-140	4		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 23,30,58 Batch: WG1590434-2 WG1590434-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		71		25-120
Phenol-d6	76		80		10-120
Nitrobenzene-d5	73		79		23-120
2-Fluorobiphenyl	70		73		30-120
2,4,6-Tribromophenol	100		105		10-136
4-Terphenyl-d14	62		64		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07,09,11,14,16,18,20,22,24,26-27,29,31 QC Batch ID: WG1585484-4 WG1585484-5 QC Sample: L2169925-26 Client ID: 1221_SS-08_0-1												
Acenaphthene	150	356	460	87		440	82		40-140	4		50
Fluoranthene	2500	356	3500	280	Q	3100	170	Q	40-140	12		50
Naphthalene	53	356	380	92		370	90		40-140	3		50
Benzo(a)anthracene	1200	356	2000	220	Q	1800	170	Q	40-140	11		50
Benzo(a)pyrene	1100	356	1700	170	Q	1600	140		40-140	6		50
Benzo(b)fluoranthene	1400	356	2100	200	Q	1800	110		40-140	15		50
Benzo(k)fluoranthene	670	356	910	67		930	74		40-140	2		50
Chrysene	1100	356	1700	170	Q	1600	140		40-140	6		50
Acenaphthylene	27J	356	370	100		350	99		40-140	6		50
Anthracene	390	356	740	98		710	91		40-140	4		50
Benzo(ghi)perylene	370	356	1100	200	Q	990	180	Q	40-140	11		50
Fluorene	150	356	460	87		450	85		40-140	2		50
Phenanthrene	1500	356	1800	84		1800	85		40-140	0		50
Dibenzo(a,h)anthracene	93	356	540	130		500	120		40-140	8		50
Indeno(1,2,3-cd)pyrene	500	356	1400	250	Q	1200	200	Q	40-140	15		50
Pyrene	2000	356	3000	280	Q	2600	170	Q	35-142	14		50
1-Methylnaphthalene	35J	356	360	100		350	99		40-140	3		50
2-Methylnaphthalene	29J	356	340	95		330	94		40-140	3		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2-Fluorobiphenyl	89		88		30-120
4-Terphenyl-d14	88		83		18-120

Matrix Spike Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07,09,11,14,16,18,20,22,24,26-27,29,31 QC Batch ID: WG1585484-4 WG1585484-5
 QC Sample: L2169925-26 Client ID: 1221_SS-08_0-1

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		92		23-120

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07,09,11,14,16,18,20,22,24,26-27,29,31 QC Batch ID: WG1585484-6 WG1585484-7 QC Sample: L2169925-31 Client ID: 1221_SS-13_0-1												
Acenaphthene	ND	431	380	88		350	80		40-140	8		50
Fluoranthene	380	431	710	77		760	87		40-140	7		50
Naphthalene	820	431	800	0	Q	1000	41		40-140	22		50
Benzo(a)anthracene	250	431	580	77		610	82		40-140	5		50
Benzo(a)pyrene	240	431	550	72		550	71		40-140	0		50
Benzo(b)fluoranthene	310	431	610	70		610	69		40-140	0		50
Benzo(k)fluoranthene	140	431	440	70		460	73		40-140	4		50
Chrysene	260	431	560	70		580	73		40-140	4		50
Acenaphthylene	31	431	390	83		380	80		40-140	3		50
Anthracene	57	431	390	77		370	71		40-140	5		50
Benzo(ghi)perylene	100	431	410	72		400	69		40-140	2		50
Fluorene	ND	431	400	93		380	87		40-140	5		50
Phenanthrene	460	431	670	49		780	73		40-140	15		50
Dibenzo(a,h)anthracene	30	431	380	81		340	71		40-140	11		50
Indeno(1,2,3-cd)pyrene	110	431	480	86		470	82		40-140	2		50
Pyrene	340	431	680	79		730	89		35-142	7		50
1-Methylnaphthalene	920	431	870	0	Q	1100	41		40-140	23		50
2-Methylnaphthalene	1100	431	950	0	Q	1200	23	Q	40-140	23		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2-Fluorobiphenyl	79		70		30-120
4-Terphenyl-d14	75		70		18-120

Matrix Spike Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07,09,11,14,16,18,20,22,24,26-27,29,31 QC Batch ID: WG1585484-6 WG1585484-7
 QC Sample: L2169925-31 Client ID: 1221_SS-13_0-1

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		71		23-120

METALS

Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-01

Date Collected: 12/15/21 15:00

Client ID: 1221_B-8_0-0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Cadmium, Total	5.1		mg/kg	0.25	0.03	10	12/21/21 22:10	12/23/21 18:59	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-02

Date Collected: 12/15/21 15:10

Client ID: 1221_B-8_0-1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Cadmium, Total	2.9		mg/kg	0.24	0.03	10	01/13/22 06:40	01/13/22 14:12	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-07

Date Collected: 12/16/21 09:45

Client ID: 1221_SS-01_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	530		mg/kg	100	16.	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.7	0.14	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Arsenic, Total	3.0		mg/kg	0.53	0.07	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Barium, Total	6.3		mg/kg	3.2	0.22	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Beryllium, Total	0.11	J	mg/kg	0.32	0.09	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Cadmium, Total	0.21		mg/kg	0.21	0.03	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Calcium, Total	130000		mg/kg	530	64.	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Chromium, Total	3.4		mg/kg	2.1	0.50	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Cobalt, Total	1.2		mg/kg	0.53	0.06	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Copper, Total	3.7		mg/kg	2.1	0.20	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Iron, Total	5900		mg/kg	210	22.	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Lead, Total	27		mg/kg	0.64	0.15	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Magnesium, Total	71000		mg/kg	100	13.	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Manganese, Total	240		mg/kg	2.1	0.47	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.073	0.047	1	12/21/21 22:45	12/22/21 17:23	EPA 7471B	1,7471B	AC
Nickel, Total	2.9		mg/kg	1.0	0.28	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Potassium, Total	240		mg/kg	100	17.	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Selenium, Total	ND		mg/kg	2.1	0.80	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Silver, Total	2.0		mg/kg	0.53	0.05	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Sodium, Total	110	J	mg/kg	160	12.	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Thallium, Total	0.18	J	mg/kg	0.42	0.06	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Vanadium, Total	4.0		mg/kg	1.0	0.40	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD
Zinc, Total	25		mg/kg	10	2.8	10	12/21/21 22:10	12/23/21 19:52	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-08

Date Collected: 12/16/21 09:50

Client ID: 1221_SS-01_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	120	18.	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Antimony, Total	0.28	J	mg/kg	2.0	0.17	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Arsenic, Total	6.8		mg/kg	0.62	0.08	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Barium, Total	46		mg/kg	3.7	0.26	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Beryllium, Total	0.42		mg/kg	0.37	0.11	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Cadmium, Total	0.27		mg/kg	0.25	0.03	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Calcium, Total	23000		mg/kg	620	75.	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Chromium, Total	10		mg/kg	2.5	0.58	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Cobalt, Total	5.0		mg/kg	0.62	0.07	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Copper, Total	18		mg/kg	2.5	0.24	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Iron, Total	15000		mg/kg	250	26.	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Lead, Total	31		mg/kg	0.74	0.18	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Magnesium, Total	6600		mg/kg	120	15.	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Manganese, Total	320		mg/kg	2.5	0.55	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Mercury, Total	0.069	J	mg/kg	0.081	0.053	1	01/05/22 10:45	01/11/22 14:01	EPA 7471B	1,7471B	NB
Nickel, Total	11		mg/kg	1.2	0.33	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Potassium, Total	850		mg/kg	120	20.	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Selenium, Total	2.7		mg/kg	2.5	0.94	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Silver, Total	4.0		mg/kg	0.62	0.06	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Sodium, Total	69	J	mg/kg	190	14.	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Thallium, Total	0.24	J	mg/kg	0.50	0.06	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Vanadium, Total	16		mg/kg	1.2	0.47	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV
Zinc, Total	56		mg/kg	12	3.2	10	01/13/22 06:40	01/13/22 14:17	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-09

Date Collected: 12/16/21 10:20

Client ID: 1221_SS-03_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4300		mg/kg	110	16.	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Antimony, Total	0.24	J	mg/kg	1.7	0.14	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Arsenic, Total	7.0		mg/kg	0.53	0.07	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Barium, Total	66		mg/kg	3.2	0.22	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Beryllium, Total	0.54		mg/kg	0.32	0.09	10	12/21/21 22:10	12/27/21 12:46	EPA 3050B	1,6020B	CD
Cadmium, Total	0.54		mg/kg	0.21	0.03	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Calcium, Total	71000		mg/kg	530	64.	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Chromium, Total	9.7		mg/kg	2.1	0.50	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Cobalt, Total	5.2		mg/kg	0.53	0.06	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Copper, Total	50		mg/kg	2.1	0.20	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Iron, Total	13000		mg/kg	210	22.	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Lead, Total	100		mg/kg	0.64	0.15	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Magnesium, Total	32000		mg/kg	110	13.	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Manganese, Total	380		mg/kg	2.1	0.47	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Mercury, Total	0.104		mg/kg	0.079	0.051	1	12/21/21 22:45	12/22/21 17:26	EPA 7471B	1,7471B	AC
Nickel, Total	14		mg/kg	1.1	0.28	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Potassium, Total	420		mg/kg	110	17.	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Selenium, Total	1.4	J	mg/kg	2.1	0.80	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Silver, Total	5.9		mg/kg	0.53	0.05	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Sodium, Total	100	J	mg/kg	160	12.	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Thallium, Total	0.22	J	mg/kg	0.42	0.06	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Vanadium, Total	11		mg/kg	1.1	0.40	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD
Zinc, Total	94		mg/kg	11	2.8	10	12/21/21 22:10	12/23/21 19:57	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-11

Date Collected: 12/16/21 11:25

Client ID: 1221_SS-02_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	920		mg/kg	100	15.	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.7	0.14	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Arsenic, Total	4.1		mg/kg	0.52	0.07	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Barium, Total	7.2		mg/kg	3.1	0.22	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Beryllium, Total	0.16	J	mg/kg	0.31	0.09	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Cadmium, Total	ND		mg/kg	0.21	0.03	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Calcium, Total	150000		mg/kg	520	64.	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Chromium, Total	3.6		mg/kg	2.1	0.49	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Cobalt, Total	2.1		mg/kg	0.52	0.06	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Copper, Total	3.4		mg/kg	2.1	0.20	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Iron, Total	8500		mg/kg	210	22.	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Lead, Total	21		mg/kg	0.63	0.15	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Magnesium, Total	80000		mg/kg	100	13.	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Manganese, Total	280		mg/kg	2.1	0.46	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.067	0.044	1	12/23/21 07:00	12/23/21 11:06	EPA 7471B	1,7471B	AC
Nickel, Total	4.4		mg/kg	1.0	0.28	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Potassium, Total	500		mg/kg	100	17.	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Selenium, Total	1.3	J	mg/kg	2.1	0.79	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Silver, Total	0.10	J	mg/kg	0.52	0.05	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Sodium, Total	120	J	mg/kg	160	12.	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Thallium, Total	0.12	J	mg/kg	0.42	0.05	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Vanadium, Total	4.4		mg/kg	1.0	0.40	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD
Zinc, Total	5.7	J	mg/kg	10	2.7	10	12/23/21 06:38	12/23/21 19:38	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-12

Date Collected: 12/16/21 11:30

Client ID: 1221_SS-02_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4200		mg/kg	120	17.	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Antimony, Total	0.25	J	mg/kg	1.8	0.16	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Arsenic, Total	5.8		mg/kg	0.58	0.08	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Barium, Total	45		mg/kg	3.4	0.24	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Beryllium, Total	0.31	J	mg/kg	0.34	0.10	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Cadmium, Total	0.43		mg/kg	0.23	0.03	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Calcium, Total	110000		mg/kg	580	70.	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Chromium, Total	9.2		mg/kg	2.3	0.54	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Cobalt, Total	4.3		mg/kg	0.58	0.06	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Copper, Total	29		mg/kg	2.3	0.22	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Iron, Total	13000		mg/kg	230	24.	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Lead, Total	84		mg/kg	0.69	0.17	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Magnesium, Total	49000		mg/kg	120	14.	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Manganese, Total	370		mg/kg	2.3	0.51	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Mercury, Total	0.069	J	mg/kg	0.073	0.048	1	01/05/22 10:45	01/11/22 14:14	EPA 7471B	1,7471B	NB
Nickel, Total	10		mg/kg	1.2	0.31	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Potassium, Total	1100		mg/kg	120	18.	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Selenium, Total	1.9	J	mg/kg	2.3	0.87	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Silver, Total	3.3		mg/kg	0.58	0.06	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Sodium, Total	160	J	mg/kg	170	13.	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Thallium, Total	0.15	J	mg/kg	0.46	0.06	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Vanadium, Total	11		mg/kg	1.2	0.44	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV
Zinc, Total	100		mg/kg	12	3.0	10	01/13/22 06:40	01/13/22 14:21	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-13

Date Collected: 12/15/21 15:00

Client ID: 1221_B-8_0-0-1 DUP

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Cadmium, Total	4.4		mg/kg	0.22	0.03	10	12/21/21 22:10	12/23/21 20:02	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-14

Date Collected: 12/16/21 13:05

Client ID: 1221_SS-06_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	740		mg/kg	100	15.	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.6	0.14	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Arsenic, Total	3.4		mg/kg	0.50	0.07	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Barium, Total	5.7		mg/kg	3.0	0.21	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Beryllium, Total	0.16	J	mg/kg	0.30	0.09	10	12/21/21 22:10	12/27/21 12:51	EPA 3050B	1,6020B	CD
Cadmium, Total	0.03	J	mg/kg	0.20	0.03	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Calcium, Total	160000		mg/kg	500	61.	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Chromium, Total	3.5		mg/kg	2.0	0.47	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Cobalt, Total	2.5		mg/kg	0.50	0.05	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Copper, Total	4.6		mg/kg	2.0	0.19	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Iron, Total	7500		mg/kg	200	21.	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Lead, Total	14		mg/kg	0.60	0.15	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Magnesium, Total	53000		mg/kg	100	12.	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Manganese, Total	250		mg/kg	2.0	0.44	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.079	0.052	1	12/21/21 22:45	12/22/21 17:36	EPA 7471B	1,7471B	AC
Nickel, Total	6.2		mg/kg	1.0	0.27	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Potassium, Total	360		mg/kg	100	16.	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Selenium, Total	0.90	J	mg/kg	2.0	0.76	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Silver, Total	0.22	J	mg/kg	0.50	0.05	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Sodium, Total	130	J	mg/kg	150	12.	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Thallium, Total	0.10	J	mg/kg	0.40	0.05	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Vanadium, Total	4.0		mg/kg	1.0	0.38	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD
Zinc, Total	9.9	J	mg/kg	10	2.6	10	12/21/21 22:10	12/23/21 20:07	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-15

Date Collected: 12/16/21 13:10

Client ID: 1221_SS-06_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7400		mg/kg	120	18.	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Antimony, Total	ND		mg/kg	1.9	0.16	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Arsenic, Total	7.4		mg/kg	0.60	0.08	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Barium, Total	44		mg/kg	3.6	0.25	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Beryllium, Total	0.61		mg/kg	0.36	0.10	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Cadmium, Total	0.09	J	mg/kg	0.24	0.03	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Calcium, Total	39000		mg/kg	600	73.	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Chromium, Total	11		mg/kg	2.4	0.56	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Cobalt, Total	7.2		mg/kg	0.60	0.06	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Copper, Total	12		mg/kg	2.4	0.23	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Iron, Total	20000		mg/kg	240	25.	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Lead, Total	19		mg/kg	0.72	0.17	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Magnesium, Total	16000		mg/kg	120	15.	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Manganese, Total	570		mg/kg	2.4	0.53	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Mercury, Total	ND		mg/kg	0.078	0.051	1	01/05/22 10:45	01/11/22 14:17	EPA 7471B	1,7471B	NB
Nickel, Total	14		mg/kg	1.2	0.32	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Potassium, Total	1400		mg/kg	120	19.	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Selenium, Total	3.5		mg/kg	2.4	0.90	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Silver, Total	0.09	J	mg/kg	0.60	0.06	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Sodium, Total	140	J	mg/kg	180	14.	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Thallium, Total	0.12	J	mg/kg	0.48	0.06	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Vanadium, Total	15		mg/kg	1.2	0.45	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV
Zinc, Total	22		mg/kg	12	3.1	10	01/13/22 06:40	01/13/22 14:26	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-16

Date Collected: 12/16/21 12:05

Client ID: 1221_SS-04_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	790		mg/kg	100	15.	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.6	0.14	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Arsenic, Total	3.8		mg/kg	0.52	0.07	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Barium, Total	7.1		mg/kg	3.1	0.22	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Beryllium, Total	0.20	J	mg/kg	0.31	0.09	10	12/21/21 22:10	12/27/21 12:57	EPA 3050B	1,6020B	CD
Cadmium, Total	ND		mg/kg	0.21	0.03	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Calcium, Total	150000		mg/kg	520	63.	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Chromium, Total	3.5		mg/kg	2.1	0.48	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Cobalt, Total	2.4		mg/kg	0.52	0.06	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Copper, Total	3.8		mg/kg	2.1	0.20	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Iron, Total	9100		mg/kg	210	21.	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Lead, Total	20		mg/kg	0.62	0.15	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Magnesium, Total	81000		mg/kg	100	13.	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Manganese, Total	300		mg/kg	2.1	0.46	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.076	0.050	1	12/21/21 22:45	12/22/21 17:40	EPA 7471B	1,7471B	AC
Nickel, Total	4.5		mg/kg	1.0	0.28	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Potassium, Total	400		mg/kg	100	16.	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Selenium, Total	1.2	J	mg/kg	2.1	0.78	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Silver, Total	0.10	J	mg/kg	0.52	0.05	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Sodium, Total	140	J	mg/kg	150	12.	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Thallium, Total	0.09	J	mg/kg	0.41	0.05	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Vanadium, Total	4.2		mg/kg	1.0	0.39	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD
Zinc, Total	6.3	J	mg/kg	10	2.7	10	12/21/21 22:10	12/23/21 20:11	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-17

Date Collected: 12/16/21 12:10

Client ID: 1221_SS-04_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5500		mg/kg	110	17.	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Antimony, Total	0.64	J	mg/kg	1.8	0.15	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Arsenic, Total	12		mg/kg	0.57	0.08	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Barium, Total	240		mg/kg	3.4	0.24	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Beryllium, Total	0.54		mg/kg	0.34	0.10	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Cadmium, Total	0.71		mg/kg	0.23	0.03	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Calcium, Total	87000		mg/kg	570	69.	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Chromium, Total	13		mg/kg	2.3	0.53	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Cobalt, Total	5.2		mg/kg	0.57	0.06	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Copper, Total	66		mg/kg	2.3	0.22	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Iron, Total	16000		mg/kg	230	23.	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Lead, Total	160		mg/kg	0.68	0.16	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Magnesium, Total	37000		mg/kg	110	14.	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Manganese, Total	430		mg/kg	2.3	0.50	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Mercury, Total	0.139		mg/kg	0.077	0.050	1	01/05/22 10:45	01/11/22 14:27	EPA 7471B	1,7471B	NB
Nickel, Total	13		mg/kg	1.1	0.30	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Potassium, Total	930		mg/kg	110	18.	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Selenium, Total	2.3		mg/kg	2.3	0.86	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Silver, Total	19		mg/kg	0.57	0.06	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Sodium, Total	160	J	mg/kg	170	13.	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Thallium, Total	0.28	J	mg/kg	0.45	0.06	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Vanadium, Total	13		mg/kg	1.1	0.43	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV
Zinc, Total	130		mg/kg	11	3.0	10	01/13/22 06:40	01/13/22 14:46	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-18

Date Collected: 12/16/21 16:45

Client ID: 1221_SS-10_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7100		mg/kg	130	20.	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Antimony, Total	1.5	J	mg/kg	2.1	0.18	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Arsenic, Total	56		mg/kg	0.67	0.09	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Barium, Total	340		mg/kg	4.0	0.28	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Beryllium, Total	0.47		mg/kg	0.40	0.12	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Cadmium, Total	0.29		mg/kg	0.27	0.04	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Calcium, Total	86000		mg/kg	670	81.	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Chromium, Total	38		mg/kg	2.7	0.63	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Cobalt, Total	8.0		mg/kg	0.67	0.07	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Copper, Total	48		mg/kg	2.7	0.26	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Iron, Total	57000		mg/kg	270	28.	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Lead, Total	140		mg/kg	0.80	0.20	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Magnesium, Total	20000		mg/kg	130	16.	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Manganese, Total	670		mg/kg	2.7	0.59	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Mercury, Total	0.092		mg/kg	0.088	0.058	1	12/23/21 07:00	12/23/21 11:09	EPA 7471B	1,7471B	AC
Nickel, Total	26		mg/kg	1.3	0.36	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Potassium, Total	530		mg/kg	130	21.	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Selenium, Total	1.8	J	mg/kg	2.7	1.0	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Silver, Total	1.2		mg/kg	0.67	0.07	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Sodium, Total	130	J	mg/kg	200	16.	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Thallium, Total	0.30	J	mg/kg	0.54	0.07	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Vanadium, Total	19		mg/kg	1.3	0.51	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD
Zinc, Total	200		mg/kg	13	3.5	10	12/23/21 06:38	12/23/21 20:33	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-20

Date Collected: 12/16/21 16:10

Client ID: 1221_SS-09_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5500		mg/kg	110	17.	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.8	0.15	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Arsenic, Total	6.9		mg/kg	0.56	0.07	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Barium, Total	50		mg/kg	3.4	0.24	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Beryllium, Total	0.55		mg/kg	0.34	0.10	10	12/21/21 22:10	12/27/21 13:02	EPA 3050B	1,6020B	CD
Cadmium, Total	0.12	J	mg/kg	0.22	0.03	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Calcium, Total	46000		mg/kg	560	68.	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Chromium, Total	9.1		mg/kg	2.2	0.53	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Cobalt, Total	6.8		mg/kg	0.56	0.06	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Copper, Total	14		mg/kg	2.2	0.22	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Iron, Total	18000		mg/kg	220	23.	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Lead, Total	20		mg/kg	0.68	0.16	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Magnesium, Total	20000		mg/kg	110	14.	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Manganese, Total	340		mg/kg	2.2	0.50	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.087	0.057	1	12/21/21 22:45	12/22/21 17:43	EPA 7471B	1,7471B	AC
Nickel, Total	14		mg/kg	1.1	0.30	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Potassium, Total	700		mg/kg	110	18.	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Selenium, Total	2.7		mg/kg	2.2	0.85	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Silver, Total	1.6		mg/kg	0.56	0.06	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Sodium, Total	220		mg/kg	170	13.	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Thallium, Total	0.18	J	mg/kg	0.45	0.06	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Vanadium, Total	13		mg/kg	1.1	0.43	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD
Zinc, Total	27		mg/kg	11	2.9	10	12/21/21 22:10	12/23/21 20:26	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-21

Date Collected: 12/16/21 16:15

Client ID: 1221_SS-09_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8400		mg/kg	120	18.	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Antimony, Total	ND		mg/kg	1.9	0.16	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Arsenic, Total	7.7		mg/kg	0.61	0.08	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Barium, Total	63		mg/kg	3.6	0.26	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Beryllium, Total	0.63		mg/kg	0.36	0.10	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Cadmium, Total	0.08	J	mg/kg	0.24	0.03	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Calcium, Total	58000		mg/kg	610	74.	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Chromium, Total	12		mg/kg	2.4	0.57	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Cobalt, Total	6.9		mg/kg	0.61	0.06	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Copper, Total	15		mg/kg	2.4	0.24	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Iron, Total	20000		mg/kg	240	25.	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Lead, Total	17		mg/kg	0.73	0.18	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Magnesium, Total	14000		mg/kg	120	15.	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Manganese, Total	540		mg/kg	2.4	0.54	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Mercury, Total	ND		mg/kg	0.080	0.052	1	01/05/22 10:45	01/11/22 14:31	EPA 7471B	1,7471B	NB
Nickel, Total	14		mg/kg	1.2	0.32	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Potassium, Total	1900		mg/kg	120	19.	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Selenium, Total	3.7		mg/kg	2.4	0.92	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Silver, Total	0.24	J	mg/kg	0.61	0.06	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Sodium, Total	440		mg/kg	180	14.	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Thallium, Total	0.14	J	mg/kg	0.48	0.06	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Vanadium, Total	17		mg/kg	1.2	0.46	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV
Zinc, Total	24		mg/kg	12	3.2	10	01/13/22 06:40	01/13/22 14:51	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-22

Date Collected: 12/16/21 14:40

Client ID: 1221_SS-07_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1000		mg/kg	110	16.	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.7	0.14	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Arsenic, Total	3.7		mg/kg	0.53	0.07	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Barium, Total	8.1		mg/kg	3.2	0.22	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Beryllium, Total	0.16	J	mg/kg	0.32	0.09	10	12/21/21 22:10	12/27/21 13:20	EPA 3050B	1,6020B	CD
Cadmium, Total	0.10	J	mg/kg	0.21	0.03	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Calcium, Total	140000		mg/kg	530	65.	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Chromium, Total	3.7		mg/kg	2.1	0.50	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Cobalt, Total	2.5		mg/kg	0.53	0.06	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Copper, Total	7.8		mg/kg	2.1	0.21	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Iron, Total	8200		mg/kg	210	22.	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Lead, Total	23		mg/kg	0.64	0.16	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Magnesium, Total	70000		mg/kg	110	13.	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Manganese, Total	290		mg/kg	2.1	0.47	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.082	0.053	1	12/21/21 22:45	12/22/21 17:46	EPA 7471B	1,7471B	AC
Nickel, Total	5.6		mg/kg	1.1	0.28	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Potassium, Total	330		mg/kg	110	17.	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Selenium, Total	1.2	J	mg/kg	2.1	0.81	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Silver, Total	1.9		mg/kg	0.53	0.05	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Sodium, Total	120	J	mg/kg	160	12.	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Thallium, Total	0.11	J	mg/kg	0.43	0.06	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Vanadium, Total	4.6		mg/kg	1.1	0.40	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD
Zinc, Total	23		mg/kg	11	2.8	10	12/21/21 22:10	12/23/21 20:31	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-23

Date Collected: 12/16/21 14:45

Client ID: 1221_SS-07_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3600		mg/kg	120	17.	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Antimony, Total	ND		mg/kg	1.9	0.16	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Arsenic, Total	5.6		mg/kg	0.58	0.08	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Barium, Total	37		mg/kg	3.5	0.25	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Beryllium, Total	0.33	J	mg/kg	0.35	0.10	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Cadmium, Total	0.17	J	mg/kg	0.23	0.03	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Calcium, Total	130000		mg/kg	580	71.	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Chromium, Total	7.6		mg/kg	2.3	0.54	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Cobalt, Total	4.8		mg/kg	0.58	0.06	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Copper, Total	11		mg/kg	2.3	0.23	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Iron, Total	14000		mg/kg	230	24.	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Lead, Total	40		mg/kg	0.70	0.17	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Magnesium, Total	52000		mg/kg	120	14.	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Manganese, Total	410		mg/kg	2.3	0.52	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Mercury, Total	ND		mg/kg	0.076	0.049	1	01/05/22 10:45	01/11/22 14:34	EPA 7471B	1,7471B	NB
Nickel, Total	11		mg/kg	1.2	0.31	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Potassium, Total	1500		mg/kg	120	18.	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Selenium, Total	1.9	J	mg/kg	2.3	0.88	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Silver, Total	6.2		mg/kg	0.58	0.06	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Sodium, Total	160	J	mg/kg	170	14.	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Thallium, Total	0.10	J	mg/kg	0.47	0.06	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Vanadium, Total	8.3		mg/kg	1.2	0.44	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV
Zinc, Total	28		mg/kg	12	3.0	10	01/13/22 06:40	01/13/22 14:55	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-24

Date Collected: 12/16/21 15:15

Client ID: 1221_SS-05_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4100		mg/kg	120	17.	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Antimony, Total	0.34	J	mg/kg	1.9	0.16	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Arsenic, Total	9.5		mg/kg	0.59	0.08	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Barium, Total	48		mg/kg	3.5	0.25	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Beryllium, Total	0.42		mg/kg	0.35	0.10	10	12/21/21 22:10	12/27/21 13:26	EPA 3050B	1,6020B	CD
Cadmium, Total	0.37		mg/kg	0.23	0.03	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Calcium, Total	82000		mg/kg	590	71.	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Chromium, Total	7.4		mg/kg	2.3	0.55	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Cobalt, Total	4.7		mg/kg	0.59	0.06	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Copper, Total	14		mg/kg	2.3	0.23	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Iron, Total	14000		mg/kg	230	24.	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Lead, Total	410		mg/kg	0.70	0.17	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Magnesium, Total	44000		mg/kg	120	14.	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Manganese, Total	300		mg/kg	2.3	0.52	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Mercury, Total	0.231		mg/kg	0.100	0.065	1	12/21/21 22:45	12/22/21 17:49	EPA 7471B	1,7471B	AC
Nickel, Total	7.3		mg/kg	1.2	0.31	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Potassium, Total	370		mg/kg	120	19.	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Selenium, Total	1.6	J	mg/kg	2.3	0.89	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Silver, Total	1.5		mg/kg	0.59	0.06	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Sodium, Total	170	J	mg/kg	180	14.	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Thallium, Total	0.19	J	mg/kg	0.47	0.06	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Vanadium, Total	12		mg/kg	1.2	0.44	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD
Zinc, Total	40		mg/kg	12	3.0	10	12/21/21 22:10	12/23/21 20:36	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-25

Date Collected: 12/16/21 15:20

Client ID: 1221_SS-05_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	110	17.	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Antimony, Total	ND		mg/kg	1.8	0.16	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Arsenic, Total	5.8		mg/kg	0.57	0.08	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Barium, Total	78		mg/kg	3.4	0.24	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Beryllium, Total	0.48		mg/kg	0.34	0.10	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Cadmium, Total	0.15	J	mg/kg	0.23	0.03	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Calcium, Total	39000		mg/kg	570	70.	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Chromium, Total	9.9		mg/kg	2.3	0.54	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Cobalt, Total	5.0		mg/kg	0.57	0.06	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Copper, Total	14		mg/kg	2.3	0.22	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Iron, Total	17000		mg/kg	230	24.	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Lead, Total	32		mg/kg	0.69	0.17	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Magnesium, Total	18000		mg/kg	110	14.	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Manganese, Total	420		mg/kg	2.3	0.51	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Mercury, Total	ND		mg/kg	0.076	0.050	1	01/05/22 10:45	01/11/22 14:37	EPA 7471B	1,7471B	NB
Nickel, Total	10		mg/kg	1.1	0.31	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Potassium, Total	830		mg/kg	110	18.	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Selenium, Total	2.6		mg/kg	2.3	0.87	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Silver, Total	0.94		mg/kg	0.57	0.06	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Sodium, Total	380		mg/kg	170	13.	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Thallium, Total	0.07	J	mg/kg	0.46	0.06	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Vanadium, Total	15		mg/kg	1.1	0.44	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV
Zinc, Total	51		mg/kg	11	3.0	10	01/13/22 06:40	01/13/22 15:00	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-26

Date Collected: 12/16/21 14:40

Client ID: 1221_SS-08_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	850		mg/kg	100	16.	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.7	0.14	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Arsenic, Total	3.4		mg/kg	0.52	0.07	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Barium, Total	6.3		mg/kg	3.1	0.22	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Beryllium, Total	0.16	J	mg/kg	0.31	0.09	10	12/21/21 22:10	12/27/21 12:40	EPA 3050B	1,6020B	CD
Cadmium, Total	0.10	J	mg/kg	0.21	0.03	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Calcium, Total	140000		mg/kg	520	64.	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Chromium, Total	3.6		mg/kg	2.1	0.49	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Cobalt, Total	2.2		mg/kg	0.52	0.06	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Copper, Total	5.3		mg/kg	2.1	0.20	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Iron, Total	7800		mg/kg	210	22.	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Lead, Total	18		mg/kg	0.63	0.15	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Magnesium, Total	70000		mg/kg	100	13.	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Manganese, Total	270		mg/kg	2.1	0.46	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.078	0.051	1	12/21/21 22:45	12/22/21 17:10	EPA 7471B	1,7471B	AC
Nickel, Total	4.9		mg/kg	1.0	0.28	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Potassium, Total	330		mg/kg	100	17.	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Selenium, Total	1.0	J	mg/kg	2.1	0.79	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Silver, Total	1.9		mg/kg	0.52	0.05	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Sodium, Total	130	J	mg/kg	160	12.	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Thallium, Total	0.11	J	mg/kg	0.42	0.05	10	12/21/21 22:10	12/27/21 12:40	EPA 3050B	1,6020B	CD
Vanadium, Total	4.5		mg/kg	1.0	0.40	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD
Zinc, Total	14		mg/kg	10	2.7	10	12/21/21 22:10	12/23/21 19:47	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-27

Date Collected: 12/16/21 14:40

Client ID: 1221_SS-08_0-1 DUP

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1100		mg/kg	100	16.	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.7	0.14	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Arsenic, Total	3.8		mg/kg	0.52	0.07	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Barium, Total	9.4		mg/kg	3.1	0.22	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Beryllium, Total	0.21	J	mg/kg	0.31	0.09	10	12/21/21 22:10	12/27/21 13:31	EPA 3050B	1,6020B	CD
Cadmium, Total	0.18	J	mg/kg	0.21	0.03	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Calcium, Total	130000		mg/kg	520	64.	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Chromium, Total	3.9		mg/kg	2.1	0.49	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Cobalt, Total	3.0		mg/kg	0.52	0.06	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Copper, Total	6.6		mg/kg	2.1	0.20	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Iron, Total	8300		mg/kg	210	22.	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Lead, Total	24		mg/kg	0.63	0.15	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Magnesium, Total	65000		mg/kg	100	13.	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Manganese, Total	320		mg/kg	2.1	0.47	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/21/21 22:45	12/22/21 17:53	EPA 7471B	1,7471B	AC
Nickel, Total	6.3		mg/kg	1.0	0.28	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Potassium, Total	340		mg/kg	100	17.	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Selenium, Total	1.1	J	mg/kg	2.1	0.79	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Silver, Total	5.4		mg/kg	0.52	0.05	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Sodium, Total	120	J	mg/kg	160	12.	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Thallium, Total	0.10	J	mg/kg	0.42	0.05	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Vanadium, Total	4.6		mg/kg	1.0	0.40	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD
Zinc, Total	18		mg/kg	10	2.7	10	12/21/21 22:10	12/23/21 20:40	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-28

Date Collected: 12/16/21 14:45

Client ID: 1221_SS-08_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1600		mg/kg	100	15.	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Antimony, Total	ND		mg/kg	1.6	0.14	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Arsenic, Total	3.5		mg/kg	0.52	0.07	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Barium, Total	12		mg/kg	3.1	0.22	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Beryllium, Total	0.14	J	mg/kg	0.31	0.09	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Cadmium, Total	0.04	J	mg/kg	0.21	0.03	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Calcium, Total	160000		mg/kg	520	63.	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Chromium, Total	4.4		mg/kg	2.1	0.48	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Cobalt, Total	2.1		mg/kg	0.52	0.06	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Copper, Total	5.6		mg/kg	2.1	0.20	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Iron, Total	8500		mg/kg	210	21.	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Lead, Total	18		mg/kg	0.62	0.15	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Magnesium, Total	70000		mg/kg	100	13.	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Manganese, Total	290		mg/kg	2.1	0.46	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Mercury, Total	ND		mg/kg	0.068	0.044	1	01/05/22 10:45	01/11/22 14:40	EPA 7471B	1,7471B	NB
Nickel, Total	4.5		mg/kg	1.0	0.28	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Potassium, Total	740		mg/kg	100	16.	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Selenium, Total	1.5	J	mg/kg	2.1	0.78	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Silver, Total	0.40	J	mg/kg	0.52	0.05	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Sodium, Total	160		mg/kg	150	12.	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Thallium, Total	ND		mg/kg	0.41	0.05	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Vanadium, Total	5.7		mg/kg	1.0	0.39	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV
Zinc, Total	11		mg/kg	10	2.7	10	01/13/22 06:40	01/13/22 15:05	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-29

Date Collected: 12/17/21 08:30

Client ID: 1221_SS-15_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6900		mg/kg	120	18.	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	2.0	0.17	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Arsenic, Total	12		mg/kg	0.62	0.08	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Barium, Total	79		mg/kg	3.7	0.26	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Beryllium, Total	0.72		mg/kg	0.37	0.11	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Cadmium, Total	0.21	J	mg/kg	0.25	0.03	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Calcium, Total	20000		mg/kg	620	75.	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Chromium, Total	11		mg/kg	2.5	0.58	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Cobalt, Total	8.0		mg/kg	0.62	0.07	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Copper, Total	17		mg/kg	2.5	0.24	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Iron, Total	20000		mg/kg	250	25.	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Lead, Total	42		mg/kg	0.74	0.18	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Magnesium, Total	8300		mg/kg	120	15.	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Manganese, Total	350		mg/kg	2.5	0.55	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Mercury, Total	0.069	J	mg/kg	0.094	0.061	1	12/21/21 22:45	12/22/21 17:56	EPA 7471B	1,7471B	AC
Nickel, Total	14		mg/kg	1.2	0.33	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Potassium, Total	720		mg/kg	120	20.	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Selenium, Total	3.4		mg/kg	2.5	0.93	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Silver, Total	3.6		mg/kg	0.62	0.06	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Sodium, Total	560		mg/kg	180	14.	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Thallium, Total	0.14	J	mg/kg	0.49	0.06	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Vanadium, Total	16		mg/kg	1.2	0.47	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD
Zinc, Total	44		mg/kg	12	3.2	10	12/21/21 22:10	12/27/21 13:37	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-30

Date Collected: 12/17/21 08:35

Client ID: 1221_SS-15_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5200		mg/kg	110	16.	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Antimony, Total	ND		mg/kg	1.8	0.15	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Arsenic, Total	5.6		mg/kg	0.56	0.07	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Barium, Total	32		mg/kg	3.3	0.24	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Beryllium, Total	0.40		mg/kg	0.33	0.10	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Cadmium, Total	0.03	J	mg/kg	0.22	0.03	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Calcium, Total	110000		mg/kg	560	68.	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Chromium, Total	8.3		mg/kg	2.2	0.52	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Cobalt, Total	5.2		mg/kg	0.56	0.06	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Copper, Total	9.7		mg/kg	2.2	0.22	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Iron, Total	16000		mg/kg	220	23.	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Lead, Total	18		mg/kg	0.67	0.16	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Magnesium, Total	42000		mg/kg	110	14.	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Manganese, Total	440		mg/kg	2.2	0.49	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Mercury, Total	ND		mg/kg	0.074	0.048	1	01/05/22 10:45	01/11/22 14:44	EPA 7471B	1,7471B	NB
Nickel, Total	11		mg/kg	1.1	0.30	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Potassium, Total	1700		mg/kg	110	18.	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Selenium, Total	2.5		mg/kg	2.2	0.84	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Silver, Total	0.16	J	mg/kg	0.56	0.05	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Sodium, Total	680		mg/kg	170	13.	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Thallium, Total	0.06	J	mg/kg	0.44	0.06	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Vanadium, Total	11		mg/kg	1.1	0.42	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV
Zinc, Total	11		mg/kg	11	2.9	10	01/13/22 06:40	01/13/22 15:10	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-31

Date Collected: 12/17/21 08:35

Client ID: 1221_SS-13_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4400		mg/kg	130	19.	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Antimony, Total	0.35	J	mg/kg	2.0	0.17	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Arsenic, Total	28		mg/kg	0.63	0.08	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Barium, Total	75		mg/kg	3.8	0.27	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Beryllium, Total	0.69		mg/kg	0.38	0.11	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Cadmium, Total	0.95		mg/kg	0.25	0.03	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Calcium, Total	48000		mg/kg	630	77.	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Chromium, Total	10		mg/kg	2.5	0.59	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Cobalt, Total	4.8		mg/kg	0.63	0.07	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Copper, Total	24		mg/kg	2.5	0.24	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Iron, Total	14000		mg/kg	250	26.	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Lead, Total	110		mg/kg	0.76	0.18	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Magnesium, Total	18000		mg/kg	130	16.	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Manganese, Total	200		mg/kg	2.5	0.56	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Mercury, Total	0.115		mg/kg	0.099	0.065	1	12/21/21 20:48	12/23/21 09:21	EPA 7471B	1,7471B	AC
Nickel, Total	14		mg/kg	1.3	0.34	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Potassium, Total	680		mg/kg	130	20.	10	12/21/21 20:11	12/23/21 17:25	EPA 3050B	1,6020B	CD
Selenium, Total	2.4	J	mg/kg	2.5	0.96	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Silver, Total	6.6		mg/kg	0.63	0.06	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Sodium, Total	250		mg/kg	190	15.	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Thallium, Total	0.45	J	mg/kg	0.51	0.07	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Vanadium, Total	14		mg/kg	1.3	0.48	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD
Zinc, Total	90		mg/kg	13	3.3	10	12/21/21 20:11	12/23/21 00:07	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-32

Date Collected: 12/17/21 08:35

Client ID: 1221_SS-13_0-1 DUP

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4300		mg/kg	130	19.	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Antimony, Total	0.30	J	mg/kg	2.0	0.17	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Arsenic, Total	21		mg/kg	0.63	0.08	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Barium, Total	65		mg/kg	3.8	0.27	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Beryllium, Total	0.67		mg/kg	0.38	0.11	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Cadmium, Total	0.42		mg/kg	0.25	0.03	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Calcium, Total	44000		mg/kg	630	77.	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Chromium, Total	10		mg/kg	2.5	0.59	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Cobalt, Total	4.5		mg/kg	0.63	0.07	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Copper, Total	18		mg/kg	2.5	0.24	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Iron, Total	14000		mg/kg	250	26.	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Lead, Total	110		mg/kg	0.76	0.18	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Magnesium, Total	15000		mg/kg	130	16.	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Manganese, Total	150		mg/kg	2.5	0.56	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Mercury, Total	0.068	J	mg/kg	0.099	0.064	1	12/21/21 20:48	12/23/21 09:47	EPA 7471B	1,7471B	AC
Nickel, Total	13		mg/kg	1.3	0.34	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Potassium, Total	570		mg/kg	130	20.	10	12/21/21 20:11	12/23/21 17:31	EPA 3050B	1,6020B	CD
Selenium, Total	1.9	J	mg/kg	2.5	0.95	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Silver, Total	2.4		mg/kg	0.63	0.06	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Sodium, Total	180	J	mg/kg	190	15.	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Thallium, Total	0.32	J	mg/kg	0.50	0.07	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Vanadium, Total	15		mg/kg	1.3	0.48	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD
Zinc, Total	36		mg/kg	13	3.3	10	12/21/21 20:11	12/23/21 00:16	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-33

Date Collected: 12/17/21 08:40

Client ID: 1221_SS-13_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8000		mg/kg	120	18.	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Antimony, Total	ND		mg/kg	1.9	0.16	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Arsenic, Total	12		mg/kg	0.61	0.08	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Barium, Total	50		mg/kg	3.6	0.26	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Beryllium, Total	0.74		mg/kg	0.36	0.11	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Cadmium, Total	0.04	J	mg/kg	0.24	0.03	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Calcium, Total	73000		mg/kg	610	74.	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Chromium, Total	13		mg/kg	2.4	0.57	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Cobalt, Total	5.9		mg/kg	0.61	0.07	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Copper, Total	11		mg/kg	2.4	0.24	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Iron, Total	28000		mg/kg	240	25.	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Lead, Total	28		mg/kg	0.73	0.18	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Magnesium, Total	15000		mg/kg	120	15.	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Manganese, Total	450		mg/kg	2.4	0.54	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Mercury, Total	ND		mg/kg	0.080	0.052	1	01/05/22 10:45	01/11/22 14:47	EPA 7471B	1,7471B	NB
Nickel, Total	17		mg/kg	1.2	0.32	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Potassium, Total	2800		mg/kg	120	19.	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Selenium, Total	4.4		mg/kg	2.4	0.92	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Silver, Total	0.17	J	mg/kg	0.61	0.06	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Sodium, Total	970		mg/kg	180	14.	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Thallium, Total	0.07	J	mg/kg	0.49	0.06	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Vanadium, Total	16		mg/kg	1.2	0.46	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV
Zinc, Total	15		mg/kg	12	3.2	10	01/13/22 06:40	01/13/22 15:15	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-34

Date Collected: 12/17/21 08:50

Client ID: 1221_SS-12_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2000		mg/kg	110	16.	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.7	0.15	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Arsenic, Total	6.9		mg/kg	0.54	0.07	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Barium, Total	18		mg/kg	3.2	0.23	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Beryllium, Total	0.20	J	mg/kg	0.32	0.09	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Cadmium, Total	0.19	J	mg/kg	0.22	0.03	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Calcium, Total	130000		mg/kg	540	66.	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Chromium, Total	4.9		mg/kg	2.2	0.51	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Cobalt, Total	3.0		mg/kg	0.54	0.06	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Copper, Total	8.2		mg/kg	2.2	0.21	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Iron, Total	8800		mg/kg	220	22.	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Lead, Total	14		mg/kg	0.65	0.16	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Magnesium, Total	10000		mg/kg	110	13.	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Manganese, Total	180		mg/kg	2.2	0.48	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.088	0.058	1	12/21/21 20:48	12/23/21 09:50	EPA 7471B	1,7471B	AC
Nickel, Total	6.8		mg/kg	1.1	0.29	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Potassium, Total	400		mg/kg	110	17.	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Selenium, Total	1.5	J	mg/kg	2.2	0.82	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Silver, Total	4.2		mg/kg	0.54	0.05	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Sodium, Total	68	J	mg/kg	160	13.	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Thallium, Total	ND		mg/kg	0.43	0.06	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Vanadium, Total	9.2		mg/kg	1.1	0.41	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD
Zinc, Total	28		mg/kg	11	2.8	10	12/21/21 20:11	12/22/21 22:54	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-36

Date Collected: 12/17/21 09:45

Client ID: 1221_SS-11_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4100		mg/kg	110	16.	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.7	0.14	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Arsenic, Total	12		mg/kg	0.53	0.07	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Barium, Total	35		mg/kg	3.2	0.22	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Beryllium, Total	0.27	J	mg/kg	0.32	0.09	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Cadmium, Total	0.13	J	mg/kg	0.21	0.03	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Calcium, Total	89000		mg/kg	530	64.	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Chromium, Total	8.0		mg/kg	2.1	0.50	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Cobalt, Total	3.5		mg/kg	0.53	0.06	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Copper, Total	14		mg/kg	2.1	0.20	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Iron, Total	10000		mg/kg	210	22.	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Lead, Total	40		mg/kg	0.64	0.15	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Magnesium, Total	35000		mg/kg	110	13.	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Manganese, Total	310		mg/kg	2.1	0.47	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Mercury, Total	0.115		mg/kg	0.088	0.057	1	12/21/21 20:48	12/23/21 10:00	EPA 7471B	1,7471B	AC
Nickel, Total	7.9		mg/kg	1.1	0.28	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Potassium, Total	470		mg/kg	110	17.	10	12/21/21 20:11	12/23/21 17:36	EPA 3050B	1,6020B	CD
Selenium, Total	1.3	J	mg/kg	2.1	0.80	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Silver, Total	1.4		mg/kg	0.53	0.05	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Sodium, Total	86	J	mg/kg	160	12.	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Thallium, Total	0.13	J	mg/kg	0.42	0.06	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Vanadium, Total	10		mg/kg	1.1	0.40	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD
Zinc, Total	28		mg/kg	11	2.8	10	12/21/21 20:11	12/23/21 00:21	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-37

Date Collected: 12/17/21 09:50

Client ID: 1221_SS-11_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7900		mg/kg	120	18.	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Antimony, Total	ND		mg/kg	1.9	0.16	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Arsenic, Total	5.7		mg/kg	0.60	0.08	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Barium, Total	68		mg/kg	3.6	0.25	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Beryllium, Total	0.49		mg/kg	0.36	0.10	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Cadmium, Total	0.05	J	mg/kg	0.24	0.03	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Calcium, Total	80000		mg/kg	600	73.	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Chromium, Total	11		mg/kg	2.4	0.56	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Cobalt, Total	5.7		mg/kg	0.60	0.06	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Copper, Total	12		mg/kg	2.4	0.23	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Iron, Total	16000		mg/kg	240	25.	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Lead, Total	12		mg/kg	0.72	0.17	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Magnesium, Total	13000		mg/kg	120	15.	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Manganese, Total	340		mg/kg	2.4	0.53	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Mercury, Total	ND		mg/kg	0.077	0.050	1	01/05/22 10:45	01/11/22 14:50	EPA 7471B	1,7471B	NB
Nickel, Total	12		mg/kg	1.2	0.32	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Potassium, Total	1400		mg/kg	120	19.	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Selenium, Total	3.0		mg/kg	2.4	0.90	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Silver, Total	0.13	J	mg/kg	0.60	0.06	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Sodium, Total	110	J	mg/kg	180	14.	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Thallium, Total	ND		mg/kg	0.48	0.06	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Vanadium, Total	15		mg/kg	1.2	0.45	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV
Zinc, Total	24		mg/kg	12	3.1	10	01/13/22 06:40	01/13/22 15:19	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-38

Date Collected: 12/17/21 10:30

Client ID: 1221_SS-20_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4000		mg/kg	110	16.	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.8	0.15	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Arsenic, Total	5.4		mg/kg	0.55	0.07	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Barium, Total	38		mg/kg	3.3	0.23	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Beryllium, Total	0.35		mg/kg	0.33	0.10	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Cadmium, Total	0.19	J	mg/kg	0.22	0.03	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Calcium, Total	100000		mg/kg	550	67.	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Chromium, Total	8.1		mg/kg	2.2	0.51	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Cobalt, Total	4.6		mg/kg	0.55	0.06	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Copper, Total	12		mg/kg	2.2	0.21	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Iron, Total	13000		mg/kg	220	23.	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Lead, Total	41		mg/kg	0.66	0.16	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Magnesium, Total	42000		mg/kg	110	14.	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Manganese, Total	410		mg/kg	2.2	0.49	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Mercury, Total	0.119		mg/kg	0.090	0.059	1	12/21/21 20:48	12/23/21 10:03	EPA 7471B	1,7471B	AC
Nickel, Total	11		mg/kg	1.1	0.29	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Potassium, Total	700		mg/kg	110	17.	10	12/21/21 20:11	12/23/21 18:37	EPA 3050B	1,6020B	CD
Selenium, Total	1.6	J	mg/kg	2.2	0.83	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Silver, Total	26		mg/kg	0.55	0.05	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Sodium, Total	120	J	mg/kg	160	13.	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Thallium, Total	0.11	J	mg/kg	0.44	0.06	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Vanadium, Total	9.9		mg/kg	1.1	0.42	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD
Zinc, Total	33		mg/kg	11	2.8	10	12/21/21 20:11	12/23/21 00:26	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-40

Date Collected: 12/17/21 10:45

Client ID: 1221_SS-14_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1400		mg/kg	100	15.	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.6	0.14	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Arsenic, Total	5.4		mg/kg	0.52	0.07	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Barium, Total	11		mg/kg	3.1	0.22	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Beryllium, Total	0.18	J	mg/kg	0.31	0.09	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Cadmium, Total	0.72		mg/kg	0.21	0.03	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Calcium, Total	140000		mg/kg	520	63.	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Chromium, Total	6.9		mg/kg	2.1	0.48	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Cobalt, Total	2.8		mg/kg	0.52	0.06	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Copper, Total	6.6		mg/kg	2.1	0.20	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Iron, Total	9700		mg/kg	210	21.	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Lead, Total	35		mg/kg	0.62	0.15	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Magnesium, Total	68000		mg/kg	100	13.	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Manganese, Total	260		mg/kg	2.1	0.46	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.090	0.059	1	12/21/21 20:48	12/23/21 10:07	EPA 7471B	1,7471B	AC
Nickel, Total	6.1		mg/kg	1.0	0.28	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Potassium, Total	580		mg/kg	100	16.	10	12/21/21 20:11	12/23/21 18:43	EPA 3050B	1,6020B	CD
Selenium, Total	1.0	J	mg/kg	2.1	0.78	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Silver, Total	0.46	J	mg/kg	0.52	0.05	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Sodium, Total	120	J	mg/kg	150	12.	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Thallium, Total	0.11	J	mg/kg	0.41	0.05	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Vanadium, Total	5.1		mg/kg	1.0	0.39	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD
Zinc, Total	200		mg/kg	10	2.7	10	12/21/21 20:11	12/23/21 00:31	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-41

Date Collected: 12/17/21 10:50

Client ID: 1221_SS-14_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3900		mg/kg	100	16.	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Antimony, Total	ND		mg/kg	1.7	0.14	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Arsenic, Total	6.2		mg/kg	0.52	0.07	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Barium, Total	37		mg/kg	3.1	0.22	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Beryllium, Total	0.23	J	mg/kg	0.31	0.09	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Cadmium, Total	0.43		mg/kg	0.21	0.03	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Calcium, Total	120000		mg/kg	520	64.	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Chromium, Total	14		mg/kg	2.1	0.49	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Cobalt, Total	3.2		mg/kg	0.52	0.06	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Copper, Total	9.9		mg/kg	2.1	0.20	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Iron, Total	10000		mg/kg	210	22.	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Lead, Total	28		mg/kg	0.63	0.15	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Magnesium, Total	53000		mg/kg	100	13.	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Manganese, Total	320		mg/kg	2.1	0.46	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Mercury, Total	ND		mg/kg	0.068	0.045	1	01/05/22 10:45	01/11/22 14:54	EPA 7471B	1,7471B	NB
Nickel, Total	10		mg/kg	1.0	0.28	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Potassium, Total	940		mg/kg	100	17.	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Selenium, Total	1.3	J	mg/kg	2.1	0.79	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Silver, Total	0.61		mg/kg	0.52	0.05	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Sodium, Total	150	J	mg/kg	160	12.	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Thallium, Total	ND		mg/kg	0.42	0.05	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Vanadium, Total	9.1		mg/kg	1.0	0.40	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV
Zinc, Total	100		mg/kg	10	2.7	10	01/13/22 06:40	01/13/22 15:24	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-42

Date Collected: 12/17/21 10:55

Client ID: 1221_SS-17_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3500		mg/kg	110	16.	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Antimony, Total	0.23	J	mg/kg	1.7	0.15	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Arsenic, Total	5.1		mg/kg	0.54	0.07	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Barium, Total	39		mg/kg	3.2	0.23	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Beryllium, Total	0.28	J	mg/kg	0.32	0.09	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Cadmium, Total	2.8		mg/kg	0.22	0.03	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Calcium, Total	130000		mg/kg	540	66.	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Chromium, Total	10		mg/kg	2.2	0.51	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Cobalt, Total	3.8		mg/kg	0.54	0.06	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Copper, Total	14		mg/kg	2.2	0.21	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Iron, Total	13000		mg/kg	220	22.	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Lead, Total	39		mg/kg	0.65	0.16	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Magnesium, Total	48000		mg/kg	110	13.	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Manganese, Total	400		mg/kg	2.2	0.48	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Mercury, Total	0.110		mg/kg	0.087	0.057	1	12/21/21 20:48	12/23/21 10:10	EPA 7471B	1,7471B	AC
Nickel, Total	9.1		mg/kg	1.1	0.29	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Potassium, Total	770		mg/kg	110	17.	10	12/21/21 20:11	12/23/21 18:48	EPA 3050B	1,6020B	CD
Selenium, Total	1.4	J	mg/kg	2.2	0.82	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Silver, Total	37		mg/kg	0.54	0.05	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Sodium, Total	140	J	mg/kg	160	13.	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Thallium, Total	0.11	J	mg/kg	0.43	0.06	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Vanadium, Total	9.5		mg/kg	1.1	0.41	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD
Zinc, Total	71		mg/kg	11	2.8	10	12/21/21 20:11	12/23/21 00:36	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-44

Date Collected: 12/17/21 11:35

Client ID: 1221_SS-18_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2900		mg/kg	110	16.	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.7	0.15	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Arsenic, Total	4.9		mg/kg	0.54	0.07	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Barium, Total	29		mg/kg	3.2	0.23	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Beryllium, Total	0.28	J	mg/kg	0.32	0.09	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Cadmium, Total	0.14	J	mg/kg	0.22	0.03	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Calcium, Total	130000		mg/kg	540	66.	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Chromium, Total	7.9		mg/kg	2.2	0.51	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Cobalt, Total	4.1		mg/kg	0.54	0.06	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Copper, Total	16		mg/kg	2.2	0.21	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Iron, Total	12000		mg/kg	220	22.	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Lead, Total	32		mg/kg	0.65	0.16	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Magnesium, Total	58000		mg/kg	110	13.	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Manganese, Total	350		mg/kg	2.2	0.48	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Mercury, Total	0.064	J	mg/kg	0.080	0.052	1	12/21/21 20:48	12/23/21 10:13	EPA 7471B	1,7471B	AC
Nickel, Total	9.5		mg/kg	1.1	0.29	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Potassium, Total	700		mg/kg	110	17.	10	12/21/21 20:11	12/23/21 18:54	EPA 3050B	1,6020B	CD
Selenium, Total	1.6	J	mg/kg	2.2	0.82	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Silver, Total	20		mg/kg	0.54	0.05	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Sodium, Total	130	J	mg/kg	160	13.	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Thallium, Total	0.08	J	mg/kg	0.43	0.06	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Vanadium, Total	7.6		mg/kg	1.1	0.41	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD
Zinc, Total	34		mg/kg	11	2.8	10	12/21/21 20:11	12/23/21 00:41	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-45

Date Collected: 12/17/21 11:40

Client ID: 1221_SS-18_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3900		mg/kg	100	16.	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Antimony, Total	0.18	J	mg/kg	1.7	0.14	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Arsenic, Total	4.9		mg/kg	0.52	0.07	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Barium, Total	33		mg/kg	3.2	0.22	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Beryllium, Total	0.29	J	mg/kg	0.32	0.09	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Cadmium, Total	0.66		mg/kg	0.21	0.03	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Calcium, Total	100000		mg/kg	520	64.	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Chromium, Total	10		mg/kg	2.1	0.49	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Cobalt, Total	4.3		mg/kg	0.52	0.06	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Copper, Total	11		mg/kg	2.1	0.20	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Iron, Total	12000		mg/kg	210	22.	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Lead, Total	29		mg/kg	0.63	0.15	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Magnesium, Total	42000		mg/kg	100	13.	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Manganese, Total	360		mg/kg	2.1	0.47	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Mercury, Total	0.092		mg/kg	0.070	0.046	1	01/05/22 10:45	01/11/22 14:57	EPA 7471B	1,7471B	NB
Nickel, Total	11		mg/kg	1.0	0.28	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Potassium, Total	1100		mg/kg	100	17.	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Selenium, Total	1.6	J	mg/kg	2.1	0.80	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Silver, Total	28		mg/kg	0.52	0.05	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Sodium, Total	130	J	mg/kg	160	12.	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Thallium, Total	ND		mg/kg	0.42	0.05	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Vanadium, Total	9.4		mg/kg	1.0	0.40	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV
Zinc, Total	44		mg/kg	10	2.7	10	01/13/22 06:40	01/13/22 15:29	EPA 3050B	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-46

Date Collected: 12/17/21 12:30

Client ID: 1221_SS-16_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4200		mg/kg	110	16.	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Antimony, Total	0.33	J	mg/kg	1.7	0.15	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Arsenic, Total	3.5		mg/kg	0.54	0.07	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Barium, Total	60		mg/kg	3.3	0.23	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Beryllium, Total	0.24	J	mg/kg	0.33	0.10	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Cadmium, Total	1.2		mg/kg	0.22	0.03	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Calcium, Total	190000		mg/kg	540	66.	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Chromium, Total	15		mg/kg	2.2	0.51	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Cobalt, Total	2.8		mg/kg	0.54	0.06	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Copper, Total	31		mg/kg	2.2	0.21	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Iron, Total	8500		mg/kg	220	22.	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Lead, Total	28		mg/kg	0.65	0.16	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Magnesium, Total	15000		mg/kg	110	13.	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Manganese, Total	350		mg/kg	2.2	0.48	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Mercury, Total	0.091		mg/kg	0.082	0.054	1	12/21/21 20:48	12/23/21 10:17	EPA 7471B	1,7471B	AC
Nickel, Total	7.5		mg/kg	1.1	0.29	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Potassium, Total	500		mg/kg	110	17.	10	12/21/21 20:11	12/23/21 18:59	EPA 3050B	1,6020B	CD
Selenium, Total	0.99	J	mg/kg	2.2	0.82	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Silver, Total	15		mg/kg	0.54	0.05	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Sodium, Total	260		mg/kg	160	13.	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Thallium, Total	0.08	J	mg/kg	0.44	0.06	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Vanadium, Total	9.2		mg/kg	1.1	0.41	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD
Zinc, Total	110		mg/kg	11	2.8	10	12/21/21 20:11	12/23/21 00:45	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-48

Date Collected: 12/17/21 12:45

Client ID: 1221_SS-19_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4700		mg/kg	110	16.	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.7	0.14	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Arsenic, Total	4.0		mg/kg	0.53	0.07	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Barium, Total	28		mg/kg	3.2	0.22	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Beryllium, Total	0.29	J	mg/kg	0.32	0.09	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Cadmium, Total	0.10	J	mg/kg	0.21	0.03	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Calcium, Total	96000		mg/kg	530	65.	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Chromium, Total	9.7		mg/kg	2.1	0.50	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Cobalt, Total	5.0		mg/kg	0.53	0.06	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Copper, Total	8.1		mg/kg	2.1	0.21	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Iron, Total	12000		mg/kg	210	22.	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Lead, Total	16		mg/kg	0.64	0.16	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Magnesium, Total	46000		mg/kg	110	13.	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Manganese, Total	340		mg/kg	2.1	0.47	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.090	0.059	1	12/21/21 20:48	12/23/21 10:20	EPA 7471B	1,7471B	AC
Nickel, Total	9.3		mg/kg	1.1	0.28	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Potassium, Total	620		mg/kg	110	17.	10	12/21/21 20:11	12/23/21 19:43	EPA 3050B	1,6020B	CD
Selenium, Total	1.2	J	mg/kg	2.1	0.81	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Silver, Total	1.7		mg/kg	0.53	0.05	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Sodium, Total	95	J	mg/kg	160	12.	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Thallium, Total	0.09	J	mg/kg	0.43	0.06	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Vanadium, Total	11		mg/kg	1.1	0.40	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD
Zinc, Total	28		mg/kg	11	2.8	10	12/21/21 20:11	12/23/21 00:50	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-49

Date Collected: 12/17/21 12:50

Client ID: 1221_SS-19_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3800		mg/kg	100	15.	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Antimony, Total	ND		mg/kg	1.7	0.14	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Arsenic, Total	4.1		mg/kg	0.52	0.07	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Barium, Total	34		mg/kg	3.1	0.22	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Beryllium, Total	0.20	J	mg/kg	0.31	0.09	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Cadmium, Total	0.19	J	mg/kg	0.21	0.03	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Calcium, Total	110000		mg/kg	520	63.	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Chromium, Total	7.7		mg/kg	2.1	0.48	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Cobalt, Total	4.0		mg/kg	0.52	0.06	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Copper, Total	10		mg/kg	2.1	0.20	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Iron, Total	12000		mg/kg	210	21.	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Lead, Total	24		mg/kg	0.62	0.15	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Magnesium, Total	46000		mg/kg	100	13.	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Manganese, Total	470		mg/kg	2.1	0.46	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Mercury, Total	ND		mg/kg	0.069	0.045	1	01/05/22 10:45	01/11/22 15:07	EPA 7471B	1,7471B	NB
Nickel, Total	8.9		mg/kg	1.0	0.28	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Potassium, Total	900		mg/kg	100	16.	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Selenium, Total	2.0	J	mg/kg	2.1	0.78	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Silver, Total	0.97		mg/kg	0.52	0.05	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Sodium, Total	170		mg/kg	160	12.	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Thallium, Total	0.10	J	mg/kg	0.42	0.05	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Vanadium, Total	11		mg/kg	1.0	0.39	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP
Zinc, Total	72		mg/kg	10	2.7	10	01/13/22 06:40	01/13/22 18:02	EPA 3050B	1,6020B	WP



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-50

Date Collected: 12/17/21 13:35

Client ID: 1221_SS-23_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6500		mg/kg	110	16.	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.8	0.15	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Arsenic, Total	5.1		mg/kg	0.56	0.07	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Barium, Total	48		mg/kg	3.4	0.24	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Beryllium, Total	0.43		mg/kg	0.34	0.10	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Cadmium, Total	0.30		mg/kg	0.22	0.03	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Calcium, Total	48000		mg/kg	560	68.	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Chromium, Total	8.8		mg/kg	2.2	0.52	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Cobalt, Total	3.6		mg/kg	0.56	0.06	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Copper, Total	15		mg/kg	2.2	0.22	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Iron, Total	13000		mg/kg	220	23.	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Lead, Total	37		mg/kg	0.67	0.16	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Magnesium, Total	16000		mg/kg	110	14.	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Manganese, Total	250		mg/kg	2.2	0.50	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Mercury, Total	0.120		mg/kg	0.088	0.057	1	12/21/21 20:48	12/23/21 10:23	EPA 7471B	1,7471B	AC
Nickel, Total	7.5		mg/kg	1.1	0.30	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Potassium, Total	520		mg/kg	110	18.	10	12/21/21 20:11	12/23/21 19:49	EPA 3050B	1,6020B	CD
Selenium, Total	1.6	J	mg/kg	2.2	0.84	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Silver, Total	9.6		mg/kg	0.56	0.05	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Sodium, Total	190		mg/kg	170	13.	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Thallium, Total	0.20	J	mg/kg	0.45	0.06	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Vanadium, Total	13		mg/kg	1.1	0.42	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD
Zinc, Total	64		mg/kg	11	2.9	10	12/21/21 20:11	12/23/21 01:05	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-52

Date Collected: 12/17/21 13:40

Client ID: 1221_SS-21_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4300		mg/kg	110	17.	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.8	0.15	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Arsenic, Total	4.4		mg/kg	0.56	0.07	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Barium, Total	38		mg/kg	3.4	0.24	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Beryllium, Total	0.32	J	mg/kg	0.34	0.10	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Cadmium, Total	0.50		mg/kg	0.22	0.03	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Calcium, Total	110000		mg/kg	560	69.	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Chromium, Total	8.8		mg/kg	2.2	0.53	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Cobalt, Total	3.7		mg/kg	0.56	0.06	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Copper, Total	20		mg/kg	2.2	0.22	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Iron, Total	11000		mg/kg	220	23.	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Lead, Total	59		mg/kg	0.68	0.16	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Magnesium, Total	35000		mg/kg	110	14.	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Manganese, Total	330		mg/kg	2.2	0.50	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Mercury, Total	0.063	J	mg/kg	0.086	0.056	1	12/21/21 20:48	12/23/21 10:27	EPA 7471B	1,7471B	AC
Nickel, Total	11		mg/kg	1.1	0.30	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Potassium, Total	730		mg/kg	110	18.	10	12/21/21 20:11	12/23/21 19:54	EPA 3050B	1,6020B	CD
Selenium, Total	1.4	J	mg/kg	2.2	0.85	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Silver, Total	47		mg/kg	0.56	0.06	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Sodium, Total	210		mg/kg	170	13.	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Thallium, Total	0.18	J	mg/kg	0.45	0.06	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Vanadium, Total	11		mg/kg	1.1	0.43	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD
Zinc, Total	110		mg/kg	11	2.9	10	12/21/21 20:11	12/23/21 01:10	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-54

Date Collected: 12/17/21 14:20

Client ID: 1221_SS-24_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4900		mg/kg	100	15.	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Antimony, Total	0.15	J	mg/kg	1.6	0.14	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Arsenic, Total	3.6		mg/kg	0.50	0.07	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Barium, Total	58		mg/kg	3.0	0.21	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Beryllium, Total	0.28	J	mg/kg	0.30	0.09	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Cadmium, Total	0.48		mg/kg	0.20	0.03	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Calcium, Total	110000		mg/kg	500	61.	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Chromium, Total	8.0		mg/kg	2.0	0.47	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Cobalt, Total	3.3		mg/kg	0.50	0.05	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Copper, Total	12		mg/kg	2.0	0.20	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Iron, Total	10000		mg/kg	200	21.	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Lead, Total	31		mg/kg	0.60	0.15	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Magnesium, Total	32000		mg/kg	100	12.	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Manganese, Total	320		mg/kg	2.0	0.45	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Mercury, Total	1.04		mg/kg	0.084	0.055	1	12/21/21 20:48	12/23/21 11:13	EPA 7471B	1,7471B	AC
Nickel, Total	7.6		mg/kg	1.0	0.27	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Potassium, Total	580		mg/kg	100	16.	10	12/21/21 20:11	12/23/21 18:32	EPA 3050B	1,6020B	CD
Selenium, Total	1.2	J	mg/kg	2.0	0.76	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Silver, Total	4.2		mg/kg	0.50	0.05	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Sodium, Total	250		mg/kg	150	12.	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Thallium, Total	0.16	J	mg/kg	0.40	0.05	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Vanadium, Total	11		mg/kg	1.0	0.38	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD
Zinc, Total	53		mg/kg	10	2.6	10	12/21/21 20:11	12/23/21 00:12	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-55

Date Collected: 12/17/21 14:20

Client ID: 1221_SS-24_0-1 DUP

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4800		mg/kg	110	16.	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.8	0.15	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Arsenic, Total	4.0		mg/kg	0.55	0.07	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Barium, Total	52		mg/kg	3.3	0.23	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Beryllium, Total	0.29	J	mg/kg	0.33	0.10	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Cadmium, Total	0.40		mg/kg	0.22	0.03	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Calcium, Total	130000		mg/kg	550	67.	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Chromium, Total	8.6		mg/kg	2.2	0.51	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Cobalt, Total	3.4		mg/kg	0.55	0.06	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Copper, Total	12		mg/kg	2.2	0.21	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Iron, Total	11000		mg/kg	220	23.	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Lead, Total	33		mg/kg	0.66	0.16	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Magnesium, Total	39000		mg/kg	110	14.	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Manganese, Total	370		mg/kg	2.2	0.49	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Mercury, Total	1.08		mg/kg	0.089	0.058	1	12/21/21 20:48	12/23/21 10:30	EPA 7471B	1,7471B	AC
Nickel, Total	8.1		mg/kg	1.1	0.29	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Potassium, Total	650		mg/kg	110	17.	10	12/21/21 20:11	12/23/21 20:00	EPA 3050B	1,6020B	CD
Selenium, Total	1.3	J	mg/kg	2.2	0.83	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Silver, Total	4.9		mg/kg	0.55	0.05	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Sodium, Total	270		mg/kg	160	13.	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Thallium, Total	0.10	J	mg/kg	0.44	0.06	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Vanadium, Total	12		mg/kg	1.1	0.42	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD
Zinc, Total	51		mg/kg	11	2.8	10	12/21/21 20:11	12/23/21 01:15	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-57

Date Collected: 12/17/21 14:25

Client ID: 1221_SS-22_0-1

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3000		mg/kg	110	16.	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Antimony, Total	ND		mg/kg	1.8	0.15	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Arsenic, Total	4.1		mg/kg	0.55	0.07	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Barium, Total	25		mg/kg	3.3	0.23	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Beryllium, Total	0.26	J	mg/kg	0.33	0.10	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Cadmium, Total	0.19	J	mg/kg	0.22	0.03	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Calcium, Total	120000		mg/kg	550	67.	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Chromium, Total	8.9		mg/kg	2.2	0.52	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Cobalt, Total	3.7		mg/kg	0.55	0.06	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Copper, Total	8.9		mg/kg	2.2	0.21	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Iron, Total	10000		mg/kg	220	23.	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Lead, Total	40		mg/kg	0.66	0.16	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Magnesium, Total	50000		mg/kg	110	14.	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Manganese, Total	340		mg/kg	2.2	0.49	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Mercury, Total	ND		mg/kg	0.087	0.057	1	12/21/21 20:48	12/23/21 10:42	EPA 7471B	1,7471B	AC
Nickel, Total	9.2		mg/kg	1.1	0.30	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Potassium, Total	670		mg/kg	110	18.	10	12/21/21 20:11	12/23/21 20:05	EPA 3050B	1,6020B	CD
Selenium, Total	1.1	J	mg/kg	2.2	0.84	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Silver, Total	20		mg/kg	0.55	0.05	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Sodium, Total	130	J	mg/kg	170	13.	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Thallium, Total	0.09	J	mg/kg	0.44	0.06	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Vanadium, Total	8.3		mg/kg	1.1	0.42	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD
Zinc, Total	44		mg/kg	11	2.9	10	12/21/21 20:11	12/23/21 01:19	EPA 3050B	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-58

Date Collected: 12/17/21 14:30

Client ID: 1221_SS-22_1-2

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5700		mg/kg	120	18.	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Antimony, Total	ND		mg/kg	1.9	0.16	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Arsenic, Total	4.9		mg/kg	0.59	0.08	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Barium, Total	37		mg/kg	3.5	0.25	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Beryllium, Total	0.42		mg/kg	0.35	0.10	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Cadmium, Total	0.05	J	mg/kg	0.24	0.03	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Calcium, Total	120000		mg/kg	590	72.	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Chromium, Total	9.5		mg/kg	2.4	0.55	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Cobalt, Total	3.5		mg/kg	0.59	0.06	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Copper, Total	7.0		mg/kg	2.4	0.23	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Iron, Total	16000		mg/kg	240	24.	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Lead, Total	17		mg/kg	0.71	0.17	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Magnesium, Total	51000		mg/kg	120	14.	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Manganese, Total	280		mg/kg	2.4	0.52	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Mercury, Total	ND		mg/kg	0.077	0.050	1	01/05/22 10:45	01/11/22 15:10	EPA 7471B	1,7471B	NB
Nickel, Total	9.2		mg/kg	1.2	0.32	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Potassium, Total	1400		mg/kg	120	19.	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Selenium, Total	2.6		mg/kg	2.4	0.89	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Silver, Total	2.7		mg/kg	0.59	0.06	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Sodium, Total	150	J	mg/kg	180	14.	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Thallium, Total	0.09	J	mg/kg	0.47	0.06	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Vanadium, Total	10		mg/kg	1.2	0.45	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP
Zinc, Total	15		mg/kg	12	3.1	10	01/13/22 06:40	01/13/22 18:07	EPA 3050B	1,6020B	WP



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-61

Date Collected: 12/16/21 16:25

Client ID: 1221_EB-01

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0554		mg/l	0.0100	0.00327	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Barium, Total	0.00035	J	mg/l	0.00050	0.00017	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Calcium, Total	0.157		mg/l	0.100	0.0394	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Chromium, Total	0.00018	J	mg/l	0.00100	0.00017	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Iron, Total	0.0514		mg/l	0.0500	0.0191	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Magnesium, Total	0.0580	J	mg/l	0.0700	0.0242	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Manganese, Total	0.00139		mg/l	0.00100	0.00044	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/21 14:43	12/22/21 18:33	EPA 7470A	1,7470A	AC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Potassium, Total	0.0339	J	mg/l	0.100	0.0309	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD
Zinc, Total	0.01124		mg/l	0.01000	0.00341	1	12/22/21 14:39	12/22/21 22:25	EPA 3005A	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-62

Date Collected: 12/17/21 10:55

Client ID: 1221_EB-02

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00975	J	mg/l	0.0100	0.00327	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Calcium, Total	0.0542	J	mg/l	0.100	0.0394	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/21 14:43	12/22/21 18:42	EPA 7470A	1,7470A	AC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD
Zinc, Total	0.01047		mg/l	0.01000	0.00341	1	12/22/21 14:39	12/22/21 22:30	EPA 3005A	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS**

Lab ID: L2169925-63

Date Collected: 12/17/21 14:45

Client ID: 1221_EB-03

Date Received: 12/17/21

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00580	J	mg/l	0.0100	0.00327	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/21 14:43	12/22/21 18:46	EPA 7470A	1,7470A	AC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD
Zinc, Total	0.00930	J	mg/l	0.01000	0.00341	1	12/22/21 14:39	12/22/21 22:35	EPA 3005A	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK

Lab Number: L2169925

Project Number: 507862

Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,07,09,13-14,16,20,22,24,26-27,29							Batch: WG1586061-1			
Aluminum, Total	ND		mg/kg	100	15.	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Antimony, Total	ND		mg/kg	1.6	0.14	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Arsenic, Total	ND		mg/kg	0.50	0.07	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Barium, Total	ND		mg/kg	3.0	0.21	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Beryllium, Total	ND		mg/kg	0.30	0.09	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Cadmium, Total	ND		mg/kg	0.20	0.03	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Calcium, Total	ND		mg/kg	500	61.	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Chromium, Total	ND		mg/kg	2.0	0.47	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Cobalt, Total	ND		mg/kg	0.50	0.05	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Copper, Total	ND		mg/kg	2.0	0.19	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Iron, Total	ND		mg/kg	200	21.	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Lead, Total	ND		mg/kg	0.60	0.15	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Magnesium, Total	ND		mg/kg	100	12.	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Manganese, Total	ND		mg/kg	2.0	0.44	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Nickel, Total	ND		mg/kg	1.0	0.27	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Potassium, Total	ND		mg/kg	100	16.	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Selenium, Total	ND		mg/kg	2.0	0.76	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Silver, Total	ND		mg/kg	0.50	0.05	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Sodium, Total	ND		mg/kg	150	12.	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Thallium, Total	0.07	J	mg/kg	0.40	0.05	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Vanadium, Total	ND		mg/kg	1.0	0.38	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD
Zinc, Total	ND		mg/kg	10	2.6	10	12/21/21 22:10	12/23/21 18:30	1,6020B	CD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07,09,14,16,20,22,24,26-27,29							Batch: WG1586069-1			
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/21/21 22:45	12/22/21 17:03	1,7471B	AC



Project Name: CORTEVA ROCHESTER DRIVING PARK

Lab Number: L2169925

Project Number: 507862

Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 Batch: WG1586074-1										
Aluminum, Total	ND		mg/kg	100	15.	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Antimony, Total	ND		mg/kg	1.6	0.14	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Arsenic, Total	ND		mg/kg	0.50	0.07	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Barium, Total	ND		mg/kg	3.0	0.21	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Beryllium, Total	ND		mg/kg	0.30	0.09	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Cadmium, Total	ND		mg/kg	0.20	0.03	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Calcium, Total	ND		mg/kg	500	61.	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Chromium, Total	ND		mg/kg	2.0	0.47	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Cobalt, Total	ND		mg/kg	0.50	0.05	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Copper, Total	ND		mg/kg	2.0	0.19	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Iron, Total	ND		mg/kg	200	21.	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Lead, Total	ND		mg/kg	0.60	0.15	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Magnesium, Total	ND		mg/kg	100	12.	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Manganese, Total	ND		mg/kg	2.0	0.44	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Nickel, Total	ND		mg/kg	1.0	0.27	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Potassium, Total	ND		mg/kg	100	16.	10	12/21/21 20:11	12/23/21 16:52	1,6020B	CD
Selenium, Total	ND		mg/kg	2.0	0.76	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Silver, Total	ND		mg/kg	0.50	0.05	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Sodium, Total	ND		mg/kg	150	12.	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Thallium, Total	0.10	J	mg/kg	0.40	0.05	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Vanadium, Total	ND		mg/kg	1.0	0.38	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD
Zinc, Total	ND		mg/kg	10	2.6	10	12/21/21 20:11	12/22/21 23:09	1,6020B	CD

Prep Information

Digestion Method: EPA 3050B



Project Name: CORTEVA ROCHESTER DRIVING PARK

Lab Number: L2169925

Project Number: 507862

Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 Batch: WG1586078-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/21/21 20:48	12/23/21 09:07	1,7471B	AC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 61-63 Batch: WG1586192-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Thallium, Total	0.00020	J	mg/l	0.00100	0.00014	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/22/21 14:39	12/22/21 21:09	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK

Lab Number: L2169925

Project Number: 507862

Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 61-63 Batch: WG1586201-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	12/22/21 14:43	12/22/21 18:26	1,7470A	AC

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11,18 Batch: WG1587048-1									
Aluminum, Total	ND	mg/kg	100	15.	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Antimony, Total	ND	mg/kg	1.6	0.14	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Arsenic, Total	ND	mg/kg	0.50	0.07	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Barium, Total	ND	mg/kg	3.0	0.21	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Beryllium, Total	ND	mg/kg	0.30	0.09	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Cadmium, Total	ND	mg/kg	0.20	0.03	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Calcium, Total	ND	mg/kg	500	61.	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Chromium, Total	ND	mg/kg	2.0	0.47	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Cobalt, Total	ND	mg/kg	0.50	0.05	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Copper, Total	ND	mg/kg	2.0	0.19	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Iron, Total	ND	mg/kg	200	21.	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Lead, Total	ND	mg/kg	0.60	0.15	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Magnesium, Total	ND	mg/kg	100	12.	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Manganese, Total	ND	mg/kg	2.0	0.44	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Nickel, Total	ND	mg/kg	1.0	0.27	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Potassium, Total	ND	mg/kg	100	16.	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Selenium, Total	ND	mg/kg	2.0	0.76	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Silver, Total	ND	mg/kg	0.50	0.05	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Sodium, Total	ND	mg/kg	150	12.	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Thallium, Total	ND	mg/kg	0.40	0.05	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD



Project Name: CORTEVA ROCHESTER DRIVING PARK

Lab Number: L2169925

Project Number: 507862

Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Vanadium, Total	ND	mg/kg	1.0	0.38	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD
Zinc, Total	ND	mg/kg	10	2.6	10	12/23/21 06:38	12/23/21 19:16	1,6020B	CD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11,18 Batch: WG1587066-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/23/21 07:00	12/23/21 10:46	1,7471B	AC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 Batch: WG1590394-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/05/22 10:45	01/11/22 13:54	1,7471B	NB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 Batch: WG1593330-1										
Aluminum, Total	ND		mg/kg	100	15.	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Antimony, Total	ND		mg/kg	1.6	0.14	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Arsenic, Total	ND		mg/kg	0.50	0.07	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Barium, Total	ND		mg/kg	3.0	0.21	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Beryllium, Total	ND		mg/kg	0.30	0.09	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Cadmium, Total	ND		mg/kg	0.20	0.03	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Calcium, Total	ND		mg/kg	500	61.	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Chromium, Total	ND		mg/kg	2.0	0.47	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV



Project Name: CORTEVA ROCHESTER DRIVING PARK

Lab Number: L2169925

Project Number: 507862

Report Date: 01/18/22

Method Blank Analysis Batch Quality Control

Cobalt, Total	ND	mg/kg	0.50	0.05	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Copper, Total	ND	mg/kg	2.0	0.19	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Iron, Total	ND	mg/kg	200	21.	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Lead, Total	ND	mg/kg	0.60	0.15	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Magnesium, Total	ND	mg/kg	100	12.	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Manganese, Total	ND	mg/kg	2.0	0.44	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Nickel, Total	ND	mg/kg	1.0	0.27	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Potassium, Total	ND	mg/kg	100	16.	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Selenium, Total	ND	mg/kg	2.0	0.76	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Silver, Total	ND	mg/kg	0.50	0.05	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Sodium, Total	ND	mg/kg	150	12.	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Thallium, Total	ND	mg/kg	0.40	0.05	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Vanadium, Total	ND	mg/kg	1.0	0.38	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV
Zinc, Total	ND	mg/kg	10	2.6	10	01/13/22 06:40	01/13/22 13:48	1,6020B	SV

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,09,13-14,16,20,22,24,26-27,29 Batch: WG1586061-2 SRM Lot Number: D113-540								
Aluminum, Total	65		-		51-149	-		20
Antimony, Total	147		-		20-250	-		20
Arsenic, Total	110		-		70-130	-		20
Barium, Total	100		-		75-125	-		20
Beryllium, Total	104		-		75-125	-		20
Cadmium, Total	121		-		75-125	-		20
Calcium, Total	92		-		73-128	-		20
Chromium, Total	98		-		70-130	-		20
Cobalt, Total	107		-		75-125	-		20
Copper, Total	102		-		75-125	-		20
Iron, Total	96		-		36-164	-		20
Lead, Total	114		-		72-128	-		20
Magnesium, Total	85		-		63-138	-		20
Manganese, Total	105		-		77-123	-		20
Nickel, Total	104		-		70-130	-		20
Potassium, Total	76		-		59-141	-		20
Selenium, Total	99		-		66-134	-		20
Silver, Total	118		-		70-131	-		20
Sodium, Total	91		-		35-164	-		20
Thallium, Total	111		-		70-130	-		20
Vanadium, Total	97		-		74-126	-		20

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,09,13-14,16,20,22,24,26-27,29 Batch: WG1586061-2 SRM Lot Number: D113-540					
Zinc, Total	105	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 07,09,14,16,20,22,24,26-27,29 Batch: WG1586069-2 SRM Lot Number: D113-540					
Mercury, Total	88	-	60-140	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 Batch: WG1586074-2 SRM Lot Number: D113-540					
Aluminum, Total	66	-	51-149	-	20
Antimony, Total	101	-	20-250	-	20
Arsenic, Total	96	-	70-130	-	20
Barium, Total	84	-	75-125	-	20
Beryllium, Total	98	-	75-125	-	20
Cadmium, Total	101	-	75-125	-	20
Calcium, Total	99	-	73-128	-	20
Chromium, Total	90	-	70-130	-	20
Cobalt, Total	92	-	75-125	-	20
Copper, Total	91	-	75-125	-	20
Iron, Total	83	-	36-164	-	20
Lead, Total	89	-	72-128	-	20
Magnesium, Total	89	-	63-138	-	20
Manganese, Total	116	-	77-123	-	20
Nickel, Total	96	-	70-130	-	20
Potassium, Total	76	-	59-141	-	20
Selenium, Total	99	-	66-134	-	20
Silver, Total	100	-	70-131	-	20
Sodium, Total	98	-	35-164	-	20
Thallium, Total	97	-	70-130	-	20
Vanadium, Total	86	-	74-126	-	20

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 Batch: WG1586074-2 SRM Lot Number: D113-540					
Zinc, Total	95	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 Batch: WG1586078-2 SRM Lot Number: D113-540					
Mercury, Total	75	-	60-140	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 61-63 Batch: WG1586192-2					
Aluminum, Total	104	-	80-120	-	
Antimony, Total	84	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	88	-	80-120	-	
Beryllium, Total	106	-	80-120	-	
Cadmium, Total	108	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	96	-	80-120	-	
Copper, Total	102	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	101	-	80-120	-	
Magnesium, Total	110	-	80-120	-	
Manganese, Total	101	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	114	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	111	-	80-120	-	
Sodium, Total	108	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	97	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 61-63 Batch: WG1586192-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 61-63 Batch: WG1586201-2					
Mercury, Total	101	-	80-120	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,18 Batch: WG1587048-2 SRM Lot Number: D113-540					
Aluminum, Total	79	-	51-149	-	20
Antimony, Total	170	-	20-250	-	20
Arsenic, Total	96	-	70-130	-	20
Barium, Total	92	-	75-125	-	20
Beryllium, Total	104	-	75-125	-	20
Cadmium, Total	93	-	75-125	-	20
Calcium, Total	94	-	73-128	-	20
Chromium, Total	98	-	70-130	-	20
Cobalt, Total	96	-	75-125	-	20
Copper, Total	91	-	75-125	-	20
Iron, Total	110	-	36-164	-	20
Lead, Total	89	-	72-128	-	20
Magnesium, Total	93	-	63-138	-	20
Manganese, Total	103	-	77-123	-	20
Nickel, Total	96	-	70-130	-	20
Potassium, Total	86	-	59-141	-	20
Selenium, Total	99	-	66-134	-	20
Silver, Total	100	-	70-131	-	20
Sodium, Total	91	-	35-164	-	20
Thallium, Total	97	-	70-130	-	20
Vanadium, Total	97	-	74-126	-	20

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,18 Batch: WG1587048-2 SRM Lot Number: D113-540					
Zinc, Total	92	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 11,18 Batch: WG1587066-2 SRM Lot Number: D113-540					
Mercury, Total	87	-	60-140	-	
Total Metals - Mansfield Lab Associated sample(s): 08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 Batch: WG1590394-2 SRM Lot Number: D113-540					
Mercury, Total	82	-	60-140	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 Batch: WG1593330-2 SRM Lot Number: D113-540					
Aluminum, Total	76	-	51-149	-	20
Antimony, Total	170	-	20-250	-	20
Arsenic, Total	98	-	70-130	-	20
Barium, Total	92	-	75-125	-	20
Beryllium, Total	98	-	75-125	-	20
Cadmium, Total	101	-	75-125	-	20
Calcium, Total	97	-	73-128	-	20
Chromium, Total	98	-	70-130	-	20
Cobalt, Total	102	-	75-125	-	20
Copper, Total	99	-	75-125	-	20
Iron, Total	96	-	36-164	-	20
Lead, Total	98	-	72-128	-	20
Magnesium, Total	93	-	63-138	-	20
Manganese, Total	99	-	77-123	-	20
Nickel, Total	104	-	70-130	-	20
Potassium, Total	91	-	59-141	-	20
Selenium, Total	99	-	66-134	-	20
Silver, Total	104	-	70-131	-	20
Sodium, Total	99	-	35-164	-	20
Thallium, Total	118	-	70-130	-	20
Vanadium, Total	97	-	74-126	-	20

Lab Control Sample Analysis**Batch Quality Control****Project Name:** CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 Batch: WG1593330-2 SRM Lot Number: D113-540					
Zinc, Total	98	-	70-130	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,09,13-14,16,20,22,24,26-27,29 QC Batch ID: WG1586061-3 WG1586061-4 QC Sample: L2169925-01 Client ID: 1221_B-8_0-0-1												
Aluminum, Total	4900	2040	6000	54	Q	5700	39	Q	75-125	5		20
Antimony, Total	0.56J	51	38	74	Q	35	68	Q	75-125	8		20
Arsenic, Total	5.2	12.2	19	113		18	104		75-125	5		20
Barium, Total	130	204	390	127	Q	380	121		75-125	3		20
Beryllium, Total	0.32J	5.1	5.1	100		4.8	93		75-125	6		20
Cadmium, Total	5.1	5.41	12	128	Q	11	108		75-125	9		20
Calcium, Total	100000	1020	120000	1960	Q	120000	1940	Q	75-125	0		20
Chromium, Total	16	20.4	36	98		70	262	Q	75-125	64	Q	20
Cobalt, Total	4.8	51	53	94		51	90		75-125	4		20
Copper, Total	26	25.5	51	98		48	85		75-125	6		20
Iron, Total	16000	1020	19000	294	Q	16000	0	Q	75-125	17		20
Lead, Total	150	54.1	210	111		240	165	Q	75-125	13		20
Magnesium, Total	37000	1020	32000	0	Q	38000	97		75-125	17		20
Manganese, Total	380	51	470	176	Q	440	116		75-125	7		20
Nickel, Total	12	51	60	94		70	113		75-125	15		20
Potassium, Total	670	1020	1800	111		1800	110		75-125	0		20
Selenium, Total	1.5J	12.2	12	98		11	89		75-125	9		20
Silver, Total	56	30.6	150	307	Q	160	337	Q	75-125	6		20
Sodium, Total	150J	1020	1300	127	Q	1200	116		75-125	8		20
Vanadium, Total	13	51	65	102		62	95		75-125	5		20
Zinc, Total	260	51	360	196	Q	340	155	Q	75-125	6		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,09,13-14,16,20,22,24,26-27,29 QC Batch ID: WG1586061-7 WG1586061-8 QC Sample: L2169925-26 Client ID: 1221_SS-08_0-1												
Aluminum, Total	850	1640	1200	21	Q	1500	40	Q	75-125	22	Q	20
Antimony, Total	ND	41.1	36	88		35	86		75-125	3		20
Arsenic, Total	3.4	9.87	14	107		14	108		75-125	0		20
Barium, Total	6.3	164	190	112		190	112		75-125	0		20
Beryllium, Total	0.16J	4.11	4.5	109		4.4	108		75-125	2		20
Cadmium, Total	0.10J	4.36	4.4	101		4.6	106		75-125	4		20
Calcium, Total	140000	823	150000	1220	Q	150000	1220	Q	75-125	0		20
Chromium, Total	3.6	16.4	21	106		21	107		75-125	0		20
Cobalt, Total	2.2	41.1	44	102		43	100		75-125	2		20
Copper, Total	5.3	20.6	25	96		26	101		75-125	4		20
Iron, Total	7800	823	8200	49	Q	7700	0	Q	75-125	6		20
Lead, Total	18	43.6	65	108		72	125		75-125	10		20
Magnesium, Total	70000	823	84000	1700	Q	70000	0	Q	75-125	18		20
Manganese, Total	270	41.1	340	170	Q	420	368	Q	75-125	21	Q	20
Nickel, Total	4.9	41.1	45	97		45	98		75-125	0		20
Potassium, Total	330	823	1200	106		1200	107		75-125	0		20
Selenium, Total	1.0J	9.87	10	101		9.8	100		75-125	2		20
Silver, Total	1.9	24.7	28	106		29	111		75-125	4		20
Sodium, Total	130J	823	1000	122		990	121		75-125	1		20
Thallium, Total	0.11J	9.87	8.9	90		9.3	95		75-125	4		20
Vanadium, Total	4.5	41.1	48	106		48	107		75-125	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,09,13-14,16,20,22,24,26-27,29 QC Batch ID: WG1586061-7 WG1586061-8 QC Sample: L2169925-26 Client ID: 1221_SS-08_0-1									
Zinc, Total	14	41.1	48	83	53	96	75-125	10	20
Total Metals - Mansfield Lab Associated sample(s): 07,09,14,16,20,22,24,26-27,29 QC Batch ID: WG1586069-3 WG1586069-4 QC Sample: L2169925-26 Client ID: 1221_SS-08_0-1									
Mercury, Total	ND	0.148	0.156	105	0.156	102	80-120	0	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	%Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 L2169925-31 Client ID: 1221_SS-13_0-1							QC Batch ID: WG1586074-3 WG1586074-4			QC Sample:		
Aluminum, Total	4400	2100	3800	0	Q	5300	43	Q	75-125	33	Q	20
Antimony, Total	0.35J	52.4	39	74	Q	31	60	Q	75-125	23	Q	20
Arsenic, Total	28	12.6	160	1050	Q	34	48	Q	75-125	130	Q	20
Barium, Total	75	210	290	103		250	84		75-125	15		20
Beryllium, Total	0.69	5.24	5.7	96		5.7	97		75-125	0		20
Cadmium, Total	0.95	5.55	6.3	96		6.5	101		75-125	3		20
Calcium, Total	48000	1050	33000	0	Q	50000	193	Q	75-125	41	Q	20
Chromium, Total	10	21	34	114		37	130	Q	75-125	8		20
Cobalt, Total	4.8	52.4	51	88		52	91		75-125	2		20
Copper, Total	24	26.2	48	92		63	151	Q	75-125	27	Q	20
Iron, Total	14000	1050	18000	382	Q	16000	193	Q	75-125	12		20
Lead, Total	110	55.5	130	36	Q	220	201	Q	75-125	51	Q	20
Magnesium, Total	18000	1050	14000	0	Q	18000	0	Q	75-125	25	Q	20
Manganese, Total	200	52.4	220	38	Q	310	213	Q	75-125	34	Q	20
Nickel, Total	14	52.4	64	95		63	95		75-125	2		20
Potassium, Total	680	1050	1500	78		2000	128	Q	75-125	29	Q	20
Selenium, Total	2.4J	12.6	13	103		13	105		75-125	0		20
Silver, Total	6.6	31.4	39	103		37	98		75-125	5		20
Sodium, Total	250	1050	1300	100		1400	111		75-125	7		20
Thallium, Total	0.45J	12.6	12	95		12	97		75-125	0		20
Vanadium, Total	14	52.4	66	99		61	91		75-125	8		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits			
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 QC Batch ID: WG1586074-3 WG1586074-4 QC Sample: L2169925-31 Client ID: 1221_SS-13_0-1												
Zinc, Total	90	52.4	120	57	Q	160	135	Q	75-125	29	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 QC Batch ID: WG1586074-7 WG1586074-8 QC Sample: L2169925-54 Client ID: 1221_SS-24_0-1											
Aluminum, Total	4900	1620	5300	25	Q	4900	0	Q	75-125	8	20
Antimony, Total	0.15J	40.4	27	67	Q	27	65	Q	75-125	0	20
Arsenic, Total	3.6	9.7	14	107		13	94		75-125	7	20
Barium, Total	58	162	210	94		210	91		75-125	0	20
Beryllium, Total	0.28J	4.04	4.0	99		4.1	98		75-125	2	20
Cadmium, Total	0.48	4.28	4.5	94		4.6	93		75-125	2	20
Calcium, Total	110000	808	120000	1240	Q	110000	0	Q	75-125	9	20
Chromium, Total	8.0	16.2	24	99		23	90		75-125	4	20
Cobalt, Total	3.3	40.4	41	93		40	88		75-125	2	20
Copper, Total	12	20.2	31	94		32	96		75-125	3	20
Iron, Total	10000	808	11000	124		10000	0	Q	75-125	10	20
Lead, Total	31	42.8	78	110		82	115		75-125	5	20
Magnesium, Total	32000	808	34000	247	Q	29000	0	Q	75-125	16	20
Manganese, Total	320	40.4	370	124		360	96		75-125	3	20
Nickel, Total	7.6	40.4	46	95		45	90		75-125	2	20
Potassium, Total	580	808	1700	138	Q	1600	122		75-125	6	20
Selenium, Total	1.2J	9.7	10	103		9.9	99		75-125	1	20
Silver, Total	4.2	24.2	29	102		29	99		75-125	0	20
Sodium, Total	250	808	1100	105		1000	90		75-125	10	20
Thallium, Total	0.16J	9.7	9.3	96		9.7	97		75-125	4	20
Vanadium, Total	11	40.4	52	101		50	93		75-125	4	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	%Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits			
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 L2169925-54 Client ID: 1221_SS-24_0-1							QC Batch ID: WG1586074-7	WG1586074-8	QC Sample:			
Zinc, Total	53	40.4	88	87	92	93	75-125	4	20			
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 L2169925-31 Client ID: 1221_SS-13_0-1							QC Batch ID: WG1586078-3	WG1586078-4	QC Sample:			
Mercury, Total	0.115	0.217	0.349	108	0.300	94	80-120	15	20			
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 L2169925-54 Client ID: 1221_SS-24_0-1							QC Batch ID: WG1586078-5	WG1586078-6	QC Sample:			
Mercury, Total	1.04	0.164	1.53	299	Q	2.90	1070	Q	80-120	62	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 61-63 QC Batch ID: WG1586192-3 QC Sample: L2168295-01 Client ID: MS Sample									
Aluminum, Total	0.237	2	2.25	101	-	-	75-125	-	20
Antimony, Total	0.0007J	0.5	0.3926	78	-	-	75-125	-	20
Arsenic, Total	0.00270	0.12	0.1255	102	-	-	75-125	-	20
Barium, Total	0.0037	2	1.746	87	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05329	106	-	-	75-125	-	20
Cadmium, Total	0.0001J	0.053	0.05618	106	-	-	75-125	-	20
Calcium, Total	2.29	10	13.0	107	-	-	75-125	-	20
Chromium, Total	0.0008J	0.2	0.1969	98	-	-	75-125	-	20
Cobalt, Total	0.0003J	0.5	0.4744	95	-	-	75-125	-	20
Copper, Total	0.0009J	0.25	0.2498	100	-	-	75-125	-	20
Iron, Total	0.923	1	1.92	100	-	-	75-125	-	20
Lead, Total	0.0024	0.53	0.5245	98	-	-	75-125	-	20
Magnesium, Total	0.283	10	11.2	109	-	-	75-125	-	20
Manganese, Total	0.0693	0.5	0.5581	98	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.4890	98	-	-	75-125	-	20
Potassium, Total	0.524	10	11.8	113	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.124	103	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05495	110	-	-	75-125	-	20
Sodium, Total	8.10	10	18.4	103	-	-	75-125	-	20
Thallium, Total	0.0001J	0.12	0.1221	102	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4756	95	-	-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 61-63			QC Batch ID: WG1586192-3		QC Sample: L2168295-01		Client ID: MS Sample		
Zinc, Total	0.02199	0.5	0.5254	101	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 61-63			QC Batch ID: WG1586201-3		QC Sample: L2169925-61		Client ID: 1221_EB-01		
Mercury, Total	ND	0.005	0.00480	96	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,18 QC Batch ID: WG1587048-3 QC Sample: L2169925-11 Client ID: 1221_SS-02_0-1									
Aluminum, Total	920	1630	1700	48	Q	-	75-125	-	20
Antimony, Total	ND	40.7	38	93		-	75-125	-	20
Arsenic, Total	4.1	9.76	13	91		-	75-125	-	20
Barium, Total	7.2	163	180	106		-	75-125	-	20
Beryllium, Total	0.16J	4.07	4.3	106		-	75-125	-	20
Cadmium, Total	ND	4.31	4.0	93		-	75-125	-	20
Calcium, Total	150000	814	150000	0	Q	-	75-125	-	20
Chromium, Total	3.6	16.3	20	101		-	75-125	-	20
Cobalt, Total	2.1	40.7	40	93		-	75-125	-	20
Copper, Total	3.4	20.3	23	96		-	75-125	-	20
Iron, Total	8500	814	8700	24	Q	-	75-125	-	20
Lead, Total	21	43.1	64	100		-	75-125	-	20
Magnesium, Total	80000	814	80000	0	Q	-	75-125	-	20
Manganese, Total	280	40.7	330	123		-	75-125	-	20
Nickel, Total	4.4	40.7	41	90		-	75-125	-	20
Potassium, Total	500	814	1500	123		-	75-125	-	20
Selenium, Total	1.3J	9.76	9.5	97		-	75-125	-	20
Silver, Total	0.10J	24.4	24	98		-	75-125	-	20
Sodium, Total	120J	814	980	120		-	75-125	-	20
Thallium, Total	0.12J	9.76	9.6	98		-	75-125	-	20
Vanadium, Total	4.4	40.7	47	105		-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,18 QC Batch ID: WG1587048-3 QC Sample: L2169925-11 Client ID: 1221_SS-02_0-1									
Zinc, Total	5.7J	40.7	41	101	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 11,18 QC Batch ID: WG1587066-3 QC Sample: L2170403-07 Client ID: MS Sample									
Mercury, Total	ND	1.45	1.38	95	-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 QC Batch ID: WG1590394-3 QC Sample: L2169925-08 Client ID: 1221_SS-01_1-2									
Mercury, Total	0.069J	0.161	0.216	134	Q	-	80-120	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 QC Batch ID: WG1593330-3 QC Sample: L2169925-02 Client ID: 1221_B-8_0-1-2									
Aluminum, Total	6500	1850	7300	43	Q	-	75-125	-	20
Antimony, Total	0.27J	46.2	41	89		-	75-125	-	20
Arsenic, Total	5.8	11.1	19	119		-	75-125	-	20
Barium, Total	61	185	270	113		-	75-125	-	20
Beryllium, Total	0.45	4.62	4.8	94		-	75-125	-	20
Cadmium, Total	2.9	4.9	9.4	133	Q	-	75-125	-	20
Calcium, Total	60000	925	68000	865	Q	-	75-125	-	20
Chromium, Total	11	18.5	32	114		-	75-125	-	20
Cobalt, Total	6.1	46.2	50	95		-	75-125	-	20
Copper, Total	13	23.1	37	104		-	75-125	-	20
Iron, Total	17000	925	23000	649	Q	-	75-125	-	20
Lead, Total	26	49	110	171	Q	-	75-125	-	20
Magnesium, Total	28000	925	32000	432	Q	-	75-125	-	20
Manganese, Total	500	46.2	390	0	Q	-	75-125	-	20
Nickel, Total	13	46.2	56	93		-	75-125	-	20
Potassium, Total	1200	925	2800	173	Q	-	75-125	-	20
Selenium, Total	2.9	11.1	13	91		-	75-125	-	20
Silver, Total	25	27.7	89	231	Q	-	75-125	-	20
Sodium, Total	110J	925	1100	119		-	75-125	-	20
Thallium, Total	0.28J	11.1	13	117		-	75-125	-	20
Vanadium, Total	14	46.2	63	106		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 QC Batch ID: WG1593330-3 QC Sample: L2169925-02 Client ID: 1221_B-8_0-1-2									
Zinc, Total	37	46.2	94	123	-	-	75-125	-	20

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 61-63 QC Batch ID: WG1586192-4 QC Sample: L2168295-01 Client ID: DUP Sample						
Arsenic, Total	0.00270	0.00243	mg/l	11		20
Zinc, Total	0.02199	0.02294	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 61-63 QC Batch ID: WG1586201-4 QC Sample: L2169925-61 Client ID: 1221_EB-01						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,18 QC Batch ID: WG1587048-4 QC Sample: L2169925-11 Client ID: 1221_SS-02_0-1					
Aluminum, Total	920	920	mg/kg	0	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	4.1	4.2	mg/kg	2	20
Barium, Total	7.2	7.6	mg/kg	5	20
Beryllium, Total	0.16J	0.18J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	150000	150000	mg/kg	0	20
Chromium, Total	3.6	3.6	mg/kg	0	20
Cobalt, Total	2.1	2.1	mg/kg	0	20
Copper, Total	3.4	3.5	mg/kg	3	20
Iron, Total	8500	8400	mg/kg	1	20
Lead, Total	21	18	mg/kg	15	20
Magnesium, Total	80000	79000	mg/kg	1	20
Manganese, Total	280	300	mg/kg	7	20
Nickel, Total	4.4	4.3	mg/kg	2	20
Potassium, Total	500	480	mg/kg	4	20
Selenium, Total	1.3J	1.4J	mg/kg	NC	20
Silver, Total	0.10J	0.11J	mg/kg	NC	20
Sodium, Total	120J	130J	mg/kg	NC	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,18 QC Batch ID: WG1587048-4 QC Sample: L2169925-11 Client ID: 1221_SS-02_0-1					
Thallium, Total	0.12J	0.26J	mg/kg	NC	20
Vanadium, Total	4.4	4.5	mg/kg	2	20
Zinc, Total	5.7J	6.1J	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 11,18 QC Batch ID: WG1587066-4 QC Sample: L2170403-07 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 QC Batch ID: WG1590394-4 QC Sample: L2169925-08 Client ID: 1221_SS-01_1-2					
Mercury, Total	0.069J	0.060J	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 02,08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 QC Batch ID: WG1593330-4 QC Sample: L2169925-02 Client ID: 1221_B-8_0-1-2					
Cadmium, Total	2.9	4.7	mg/kg	47	Q 20

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,09,13-14,16,20,22,24,26-27,29 QC Batch ID: WG1586061-10 QC Sample: L2169925-26 Client ID: 1221_SS-08_0-1						
Aluminum, Total	850	840	mg/kg	1		20
Calcium, Total	140000	140000	mg/kg	0		20
Iron, Total	7800	7500	mg/kg	4		20
Lead, Total	18	17	mg/kg	6		20
Magnesium, Total	70000	70000	mg/kg	0		20
Manganese, Total	270	260	mg/kg	4		20
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 QC Batch ID: WG1586074-10 QC Sample: L2169925-54 Client ID: 1221_SS-24_0-1						
Aluminum, Total	4900	5000	mg/kg	2		20
Calcium, Total	110000	100000	mg/kg	9		20
Iron, Total	10000	10000	mg/kg	0		20
Lead, Total	31	30	mg/kg	3		20
Magnesium, Total	32000	32000	mg/kg	0		20
Manganese, Total	320	310	mg/kg	3		20

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	Serial Dilution	Units	% D	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 31-32,34,36,38,40,42,44,46,48,50,52,54-55,57 QC Batch ID: WG1586074-6 QC Sample: L2169925-31 Client ID: 1221_SS-13_0-1					
Aluminum, Total	4400	4800	mg/kg	9	20
Arsenic, Total	28	29	mg/kg	4	20
Calcium, Total	48000	50000	mg/kg	4	20
Iron, Total	14000	15000	mg/kg	7	20
Lead, Total	110	100	mg/kg	9	20
Magnesium, Total	18000	20000	mg/kg	11	20
Manganese, Total	200	210	mg/kg	5	20
Zinc, Total	90	98	mg/kg	9	20
Total Metals - Mansfield Lab Associated sample(s): 11,18 QC Batch ID: WG1587048-6 QC Sample: L2169925-11 Client ID: 1221_SS-02_0-1					
Calcium, Total	150000	150000	mg/kg	0	20
Iron, Total	8500	8700	mg/kg	2	20
Lead, Total	21	21	mg/kg	0	20
Magnesium, Total	80000	80000	mg/kg	0	20
Manganese, Total	280	280	mg/kg	0	20

INORGANICS & MISCELLANEOUS

Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-01**Client ID:** 1221_B-8_0-0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/15/21 15:00**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.3		%	0.100	NA	1	-	12/20/21 22:36	121,2540G	TR
Moisture	24.7		%	0.100	NA	1	-	12/20/21 22:36	121,2540G	TR



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-02
Client ID: 1221_B-8_0-1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/15/21 15:10
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	18.7		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-07
Client ID: 1221_SS-01_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 09:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	6.40		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-08**Client ID:** 1221_SS-01_1-2**Sample Location:** ROCHESTER, NY**Date Collected:** 12/16/21 09:50**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.0		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	22.0		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-09**Date Collected:** 12/16/21 10:20**Client ID:** 1221_SS-03_0-1**Date Received:** 12/17/21**Sample Location:** ROCHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	8.60		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-11
Client ID: 1221_SS-02_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 11:25
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	6.20		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-12**Client ID:** 1221_SS-02_1-2**Sample Location:** ROCHESTER, NY**Date Collected:** 12/16/21 11:30**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	14.7		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-13**Client ID:** 1221_B-8_0-0-1 DUP**Sample Location:** ROCHESTER, NY**Date Collected:** 12/15/21 15:00**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	12/20/21 22:36	121,2540G	TR
Moisture	12.8		%	0.100	NA	1	-	12/20/21 22:36	121,2540G	TR



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-14**Date Collected:** 12/16/21 13:05**Client ID:** 1221_SS-06_0-1**Date Received:** 12/17/21**Sample Location:** ROCHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	5.20		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-15**Date Collected:** 12/16/21 13:10**Client ID:** 1221_SS-06_1-2**Date Received:** 12/17/21**Sample Location:** ROCHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	19.6		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-16**Client ID:** 1221_SS-04_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/16/21 12:05**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	6.50		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-17
Client ID: 1221_SS-04_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 12:10
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	16.2		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-18**Client ID:** 1221_SS-10_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/16/21 16:45**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.6		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	27.4		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-20
Client ID: 1221_SS-09_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 16:10
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	15.4		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-21**Client ID:** 1221_SS-09_1-2**Sample Location:** ROCHESTER, NY**Date Collected:** 12/16/21 16:15**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	21.5		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-22**Client ID:** 1221_SS-07_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/16/21 14:40**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	9.00		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-23
Client ID: 1221_SS-07_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 14:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	16.2		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-24**Client ID:** 1221_SS-05_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/16/21 15:15**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	18.5		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-25
Client ID: 1221_SS-05_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 15:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	17.4		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-26
Client ID: 1221_SS-08_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 14:40
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	7.00		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-27**Client ID:** 1221_SS-08_0-1 DUP**Sample Location:** ROCHESTER, NY**Date Collected:** 12/16/21 14:40**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	6.90		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-28**Date Collected:** 12/16/21 14:45**Client ID:** 1221_SS-08_1-2**Date Received:** 12/17/21**Sample Location:** ROCHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	6.40		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-29**Client ID:** 1221_SS-15_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 08:30**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	19.8		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-30**Client ID:** 1221_SS-15_1-2**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 08:35**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	15.1		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-31**Client ID:** 1221_SS-13_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 08:35**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.4		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	24.6		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-32
Client ID: 1221_SS-13_0-1 DUP
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 08:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.6		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	22.4		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-33**Date Collected:** 12/17/21 08:40**Client ID:** 1221_SS-13_1-2**Date Received:** 12/17/21**Sample Location:** ROCHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.8		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	21.2		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-34
Client ID: 1221_SS-12_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 08:50
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	9.00		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-36**Date Collected:** 12/17/21 09:45**Client ID:** 1221_SS-11_0-1**Date Received:** 12/17/21**Sample Location:** ROCHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	7.80		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-37**Client ID:** 1221_SS-11_1-2**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 09:50**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	18.1		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-38**Date Collected:** 12/17/21 10:30**Client ID:** 1221_SS-20_0-1**Date Received:** 12/17/21**Sample Location:** ROCHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	11.8		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-40**Client ID:** 1221_SS-14_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 10:45**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	7.70		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-41**Client ID:** 1221_SS-14_1-2**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 10:50**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	8.30		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-42
Client ID: 1221_SS-17_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 10:55
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	12.0		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-44**Client ID:** 1221_SS-18_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 11:35**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI
Moisture	10.9		%	0.100	NA	1	-	12/21/21 08:14	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-45
Client ID: 1221_SS-18_1-2
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 11:40
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	10.1		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-46
Client ID: 1221_SS-16_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 12:30
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI
Moisture	10.3		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-48**Client ID:** 1221_SS-19_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 12:45**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI
Moisture	10.4		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-49**Client ID:** 1221_SS-19_1-2**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 12:50**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	7.40		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-50**Date Collected:** 12/17/21 13:35**Client ID:** 1221_SS-23_0-1**Date Received:** 12/17/21**Sample Location:** ROCHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI
Moisture	14.1		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-52
Client ID: 1221_SS-21_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 13:40
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI
Moisture	13.7		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Number: L2169925
Report Date: 01/18/22

SAMPLE RESULTS

Lab ID: L2169925-54
Client ID: 1221_SS-24_0-1
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 14:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI
Moisture	6.20		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-55**Client ID:** 1221_SS-24_0-1 DUP**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 14:20**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI
Moisture	11.2		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-57**Client ID:** 1221_SS-22_0-1**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 14:25**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI
Moisture	10.6		%	0.100	NA	1	-	12/21/21 08:42	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK**Project Number:** 507862**Lab Number:** L2169925**Report Date:** 01/18/22**SAMPLE RESULTS****Lab ID:** L2169925-58**Client ID:** 1221_SS-22_1-2**Sample Location:** ROCHESTER, NY**Date Collected:** 12/17/21 14:30**Date Received:** 12/17/21**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI
Moisture	18.4		%	0.100	NA	1	-	01/04/22 12:31	121,2540G	RI



Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2169925
Report Date: 01/18/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,13 QC Batch ID: WG1585737-1 QC Sample: L2169925-01 Client ID: 1221_B-8_0-0-1						
Solids, Total	75.3	75.0	%	0		20
Moisture	24.7	25.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 07,09,11,14,16,18,20,22,24,26-27,29,31-32,34,36,38,40,42,44 QC Batch ID: WG1585844-1 QC Sample: L2169925-26 Client ID: 1221_SS-08_0-1						
Solids, Total	93.0	96.0	%	3		20
Moisture	7	4.00	%	55	Q	20
General Chemistry - Westborough Lab Associated sample(s): 46,48,50,52,54-55,57 QC Batch ID: WG1585847-1 QC Sample: L2169925-54 Client ID: 1221_SS-24_0-1						
Solids, Total	93.8	97.4	%	4		20
Moisture	6.2	2.60	%	82	Q	20
General Chemistry - Westborough Lab Associated sample(s): 02,08,12,15,17,21,23,25,28,30,33,37,41,45,49,58 QC Batch ID: WG1590345-1 QC Sample: L2169925-02 Client ID: 1221_B-8_0-1-2						
Solids, Total	81.3	81.8	%	1		20
Moisture	18.7	18.2	%	3		20

Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169925-01A	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		TS(7)
L2169925-01A1	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		TS(7)
L2169925-01A2	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		TS(7)
L2169925-01B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		CD-6020T(180)
L2169925-01B1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		CD-6020T(180)
L2169925-01B2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		CD-6020T(180)
L2169925-02A	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		TS(7),MOISTURE(7)
L2169925-02B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		CD-6020T(180)
L2169925-03A	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		HOLD-WETCHEM()
L2169925-03B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-METAL(180)
L2169925-04A	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		HOLD-WETCHEM()
L2169925-04B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-METAL(180)
L2169925-05A	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		HOLD-WETCHEM()
L2169925-05B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-METAL(180)
L2169925-06A	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		HOLD-WETCHEM()
L2169925-06B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-METAL(180)
L2169925-07A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Serial_No: 01182212:41
Lab Number: L2169925
Report Date: 01/18/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169925-07B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-08A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-08B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2169925-08C	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-09A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-09B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2169925-10A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)
L2169925-10B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		HOLD-METAL(180)
L2169925-11A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-11B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-12A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Serial_No: 01182212:41
Lab Number: L2169925
Report Date: 01/18/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169925-12B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-13A	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		TS(7)
L2169925-13B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		CD-6020T(180)
L2169925-14A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-14B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-15A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-15B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-16A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-16B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2169925-17A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)

Project Name: CORTEVA ROCHESTER DRIVING PARK
Project Number: 507862

Serial_No: 01182212:41
Lab Number: L2169925
Report Date: 01/18/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169925-17B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2169925-18A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-18B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2169925-19A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)
L2169925-19B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		HOLD-METAL(180)
L2169925-20A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-20B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-21A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-21B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2169925-22A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-22B	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)

Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169925-22C	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2169925-22D	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-23A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-23X	Glass 60ml unpreserved split	C	NA		4.5	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2169925-24A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-24B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2169925-25A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-25B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)

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Container Information

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L2169925-26A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2169925-26B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-26B1	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-26B2	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-27A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-27B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2169925-28A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2169925-28B	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-29A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2169925-29B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)

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L2169925-30A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2169925-30B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-31A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2169925-31A1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2169925-31A2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2169925-31B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-31B1	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-31B2	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)

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Container Information

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L2169925-32A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2169925-32B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-33A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-33B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-34A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2169925-34B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-35A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		HOLD-METAL(180)
L2169925-35B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)
L2169925-36A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2169925-36B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)

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L2169925-37A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-37B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-38A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2169925-38B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-39A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		HOLD-METAL(180)
L2169925-39B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)
L2169925-40A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2169925-40B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-41A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-41B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)

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Container Information

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L2169925-42A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2169925-42B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-43A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		HOLD-METAL(180)
L2169925-43B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)
L2169925-44A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-44B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-45A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2169925-45B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-46A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2169925-46B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-47A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		HOLD-METAL(180)
L2169925-47B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)

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Container Information

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L2169925-48A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2169925-48B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-49A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-49B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-50A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2169925-50B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-51A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		HOLD-METAL(180)
L2169925-51B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)
L2169925-51X	Glass 60ml unpreserved split	C	NA		4.5	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)
L2169925-52A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2169925-52B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-53A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169925-54A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2169925-54A1	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2169925-54A2	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2169925-54B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-54B1	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-54B2	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-55A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2169925-55B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-56A	Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		HOLD-METAL(180)
L2169925-56B	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		HOLD-WETCHEM(),S-EXT-8270SIM(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169925-57A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2169925-57B	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7)
L2169925-58A	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2169925-58C	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270-SIM(14),TS(7),MOISTURE(7)
L2169925-59A	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		HOLD-WETCHEM()
L2169925-59B	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		HOLD-WETCHEM()
L2169925-60A	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		HOLD-WETCHEM()
L2169925-60B	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		HOLD-METAL(180)
L2169925-61A	Plastic 250ml HNO3 preserved	B	<2	<2	2.5	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2169925-61B	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-PAHSIM-LVI(7)
L2169925-61C	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-PAHSIM-LVI(7)

Project Name: CORTEVA ROCHESTER DRIVING PARK**Lab Number:** L2169925**Project Number:** 507862**Report Date:** 01/18/22**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169925-62A	Plastic 250ml HNO3 preserved	B	<2	<2	2.5	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2169925-62B	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-PAHSIM-LVI(7)
L2169925-62C	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-PAHSIM-LVI(7)
L2169925-63A	Plastic 250ml HNO3 preserved	B	<2	<2	2.5	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2169925-63B	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-PAHSIM-LVI(7)
L2169925-63C	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-PAHSIM-LVI(7)

Project Name: CORTEVA ROCHESTER DRIVING PARK
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: CORTEVA ROCHESTER DRIVING PARK
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Lab Number: L2169925
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 7		Date Rec'd in Lab 12/18/21		ALPHA Job # 12169925		
Client Information Client: <u>Sharon Nordstrom</u> Address: <u>4051 Ogletown Rd</u> <u>Newark, DE 19113</u> Phone: <u>308-781-5932</u> Fax: <u></u> Email: <u>sharon.nordstrom@Accon.com</u>		Project Information Project Name: <u>Corteva Rochester Driving Park</u> Project Location: <u>Rochester, NY</u> Project # <u>507802</u> (Use Project name as Project #) ☐ Project Manager: <u>Sharon Nordstrom</u> ALPHAQuote #: <u></u> Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ Due Date: <u></u> # of Days: <u></u>		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other <u>DuPont ERM EDO</u>		Billing Information ☒ Same as Client Info PO # <u></u>		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☒ NY ☐ Other: <u></u>		
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: <u></u> Please specify Metals or TAL. <u></u>						ANALYSIS Total Cadmium EPA 6010.D Total Solids SM 2540 PAHs EPA 8270.D TAL metals Total 6010.D				Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments		Total Bottles
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		Sample Specific Comments		
69925 01		1221-B-8-0-0-1		12/15/21 1500		SO		JM		MS/MSD		
02		1221-B-8-0-1-2		12/15/21 1510		SO		JM		Hold sample		
03		1221-B-8-1-0-1		12/15/21 1540		SO		JM		Hold sample		
04		1221-B-8-1-1-2		12/15/21 1545		SO		JM		Hold sample		
05		1221-B-8-2-0-1		12/15/21 1625		SO		JM		Hold sample		
06		1221-B-8-2-1-2		12/15/21 1630		SO		JM		Hold sample		
07		1221-SS-01-0-1		12/16/21 0945		SO		JM		Hold sample		
08		1221-SS-01-1-2		12/16/21 0950		SO		JM		Hold sample		
09		1221-SS-03-0-1		12/16/21 1030		SO		JM		Hold sample		
10		1221-SS-03-1-2		12/16/21 1025		SO		JM		Hold sample		
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A P A A A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		
Relinquished By: <u>[Signature]</u>		Date/Time: <u>12/17/2021</u>		Received By: <u>R Cunningham</u>		Date/Time: <u>12/17/21 16:48</u>		Date/Time: <u>12/18/21 00:00</u>				

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 2 of 7		Date Rec'd in Lab 12/18/21		ALPHA Job # 2169925							
		Project Information Project Name: <u>Cortevan Rochester Driving Park</u> Project Location: <u>Rochester, NY</u> Project # <u>507862</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other <u>Dr Port E+M EDO</u>		Billing Information ☒ Same as Client Info PO #									
Client Information Client: <u>Sharon Nordstrom</u> Address: <u>4051 Gagetown Rd</u> <u>Newark, DE 19173</u> Phone: <u>302-781-5932</u> Fax: Email: <u>sharon.nordstrom@aecon.com</u>		Project Manager: <u>Sharon Nordstrom</u> ALPHAQuote #: Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ Due Date: # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☒ NY ☐ Other:									
These samples have been previously analyzed by Alpha ☐						ANALYSIS									
Other project specific requirements/comments:						Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)									
Please specify Metals or TAL.						Total Solids SM 2540 PAHs 8270D TAL Metals Total Coloid Total Cadmium EPA 6010d Total Bottle									
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection		Sample Matrix		Sampler's Initials				Sample Specific Comments			
				Date Time											
69925 11		1221-SS-03-0-1		12/16/21 1125		SO JM		X		X		X		2	
12		1221-SS-02-1-2		12/16/21 1130		SO JM		X		X		X		2	
13		1221-B-8-0-0-1 DNP		12/15/21 1500		SO JM		X		X		X		2	
14		1221-SS-06-0-1		12/16/21 1305		SO JM		X		X		X		2	
15		1221-SS-06-1-2		1310		SO JM		X		X		X		2	
16		1221-SS-04-0-1		1205		SO JM		X		X		X		2	
17		1221-SS-04-1-2		1210		SO JM		X		X		X		2	
18		1221-SS-10-0-1		1645		SO JM		X		X		X		2	
19		1221-SS-10-1-2		1650		SO JM		X		X		X		2	
20		1221-SS-09-0-1		1610		SO JM		X		X		X		2	
Preservative Code:		Container Code:		Westboro: Certification No: MA935		Container Type		A A A A							
A = None		P = Plastic		Mansfield: Certification No: MA015		Preservative		A A A A							
B = HCl		A = Amber Glass													
C = HNO ₃		V = Vial													
D = H ₂ SO ₄		G = Glass													
E = NaOH		B = Bacteria Cup													
F = MeOH		C = Cube													
G = NaHSO ₄		O = Other													
H = Na ₂ S ₂ O ₃		E = Encore													
K/E = Zn Ac/NaOH		D = BOD Bottle													
O = Other															
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By:		Date/Time		Received By:		Date/Time							
		<u>R Cunningham AAL</u>		12/17/2021 12/17/21 16:48		<u>R Cunningham AAL</u>		12/17/21 16:48							

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 3 of 7		Date Rec'd in Lab 12/18/21		ALPHA Job # 2169925	
Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288 AECOM		Project Information Project Name: Cortina Rochester Driving Path Project Location: Rochester, NY Project # 507862 (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other Out Post EIM E00		Billing Information ☒ Same as Client Info PO #	
Client Information Client: Sharon Nordstrom JM Address: 4051 Golgotham Rd Newark, DE 19173 Phone: 302-781-5833 Fax: Email: Sharon.Nordstrom@aec.com		Project Manager: Sharon Nordstrom ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:				Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☒ NY ☐ Other:	
These samples have been previously analyzed by Alpha ☐						ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments:						Total Solids 5540 PAHs 8370.0 TAL Metals 6010.0		Total Bottles	
Please specify Metals or TAL.									
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials				
		Date	Time						
6992521	1221-SS-09-1-2	12/16/21	1615	SO	JM	X	X	X	Hold Sample
22	1221-SS-07-0-1	12/16/21	1440	SO	JM	X	X	X	Hold Sample
23	1221-SS-07-1-2		1445	SO	JM	X	X	X	Hold Sample
24	1221-SS-05-0-1		1515	SO	JM	X	X	X	Hold Sample
25	1221-SS-05-1-2		1530	SO	JM	X	X	X	Hold Sample
26	1221-SS-08-0-1		1440	SO	JM	X	X	X	MS/MSD
27	1221-SS-08-0-1 Dup		1440	SO	JM	X	X	X	
28	1221-SS-08-1-2		1445	SO	JM	X	X	X	Hold Sample
29	1221-SS-15-0-1	12/17/21	0830	SO	JM	X	X	X	
30	1221-SS-15-1-2	12/17/21	0835	SO	TS	X	X	X	Hold Sample
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A A A		Preservative A A A	
Relinquished By: J. M. Nordstrom		Date/Time: 12/17/2021		Received By: R. Cunningham AAL		Date/Time: 12/17/21 16:18		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By: R. Cunningham AAL		Date/Time: 12/17/21 16:48		Received By: [Signature]		Date/Time: 12/18/21 0050			

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-896-9220 FAX: 508-896-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 4 of 7		Date Rec'd in Lab 12/18/21		ALPHA Job # 12169925	
Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288 AECOM		Project Information Project Name: Cortwa Rochester Driving Park Project Location: Rochester, NY Project # 507862 (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other On Port EIM E00		Billing Information ☒ Same as Client Info PO #	
Client Information Client: Steven Heston SM Address: See page 1 Phone: ↓ Fax: Email:		Project Manager: ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:				Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☒ NY ☐ Other:	
These samples have been previously analyzed by Alpha ☐						ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments:						Total Solids SAM 2540 PAHS 83700 PAH Metals Total 60100		Total Bottles	
Please specify Metals or TAL.									
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
12169925-31		SS-13-1221-SS-13-0-1		12/17/21 0835		SO		JM	
32		1221-SS-13-0-1 DUP		12/17/21 0835		SO		JM	
33		1221-SS-13-1-2		12/17/21 0840		SO		JM	
34		1221-SS-12-0-1		0850		SO		FTS	
35		1221-SS-12-1-2		0935		SO		TS	
36		1221-SS-11-0-1		0945		SO		JM	
37		1221-SS-11-1-2		0950		SO		JM	
38		1221-SS-20-0-1		1030		SO		TS	
39		1221-SS-20-1-2		1035		SO		TS	
40		1221-SS-14-0-1		1045		SO		JM	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A A A		Preservative A A A	
Relinquished By:		Date/Time		Received By:		Date/Time		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
R Cunningham AAL		12/17/21 1648		R Cunningham AAL		12/17/21 1648		12/18/21 0050	

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 6 of 7		Date Rec'd in Lab 12/18/21		ALPHA Job # 12109925	
Project Information Project Name: Corteva Rochester Driving Park Project Location: Rochester, NY Project # S07862 (Use Project name as Project #) ☐					Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other Dupart EIM EOD			Billing Information ☒ Same as Client Info PO #	
Client Information Client: Sharon Nordstrom Address: See page 1 Phone: Fax: Email:					Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge			Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☒ NY ☐ Other:	
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:					ANALYSIS			Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
Please specify Metals or TAL.					Total Solids 5M 3540 PAHs 8270D TAL Metals Total Cadmium Total Chromium			Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials				
		Date	Time						
60925-51	1221-SS-23-1-2	12/17/21	1340	SO	TS	X	X	X	Hold Sample
52	1221-SS-21-0-1		1340	SO	MTS	X	X	X	2
53	1221-SS-21-1-2		1345	SO	JM	X	X	X	2
54	1221-SS-24-0-1		1420	SO	TS	X	X	X	MS, MSD
55	1221-SS-24-0-1 Dup		1420	SO	TS	X	X	X	2
56	1221-SS-24-1-2		1430	SO	TS	X	X	X	Hold Sample
57	1221-SS-22-0-1		1425	SO	JM	X	X	X	2
58	1221-SS-22-1-2		1430	SO	JM	X	X	X	Hold sample
59	1221-B-8-6-0-1		1505	SO	TS	X			Hold Sample
60	1221-B-8-6-1-2		1515	SO	TS	X		X	Hold Sample
Preservative Code:		Container Code		Westboro: Certification No: MA935		Container Type		A, P	
A = None		P = Plastic		Mansfield: Certification No: MA015		Preservative		A A A A	
B = HCl		A = Amber Glass							
C = HNO ₃		V = Vial							
D = H ₂ SO ₄		G = Glass							
E = NaOH		B = Bacteria Cup							
F = MeOH		C = Cube							
G = NaHSO ₄		O = Other							
H = Na ₂ S ₂ O ₃		E = Encore							
K/E = Zn Ac/NaOH		D = BOD Bottle							
O = Other									
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By:		Date/Time		Received By:		Date/Time	
		TC [Signature]		12/17/2021		TC [Signature]		12/17/21 16:48	
				12/18/21 16:48				12/18/21 00:50	
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)									

Attachment 2
December 2021 Soil Boring Logs
(Prepared by Parsons)

PARSONS DRILLING RECORD						Page 1 of 1	
Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona, T. Schury Rig Type: N/A - Hand Auger						BORING/ WELL NO. <u>SS-01</u> Location Description:	
PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY						Location Plan	
GROUNDWATER OBSERVATIONS Apparent Borehole DTW: <u>N/A</u> ft bls Measured Water Level: <u>N/A</u> ft bls Total Depth of Well: <u>N/A</u> ft bls Additional Comments:						Drill Start/Finish: <u>12/16/21 0905</u> Drill Start/Finish: <u>12/16/21 0940</u>	
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SOIL SAMPLES
HC	-	-	0.1	-	0.25	0-4" Asphalt	<u>SS-01-0-1</u>
				GP	0.50	4-8" Coarse gravel / c. 60% angular subbase (railroad ballast?)	Collected from 3-12" @ 0945
				GW	0.75		
				↓	1.00	8"-12" Dh brown C SAND & f-c angular gravel, moist, loose.	
			0.0	ML	1.25	12"-16" GB clayey silt, fr. organics, stiff, moist	<u>SS-01-1-2</u>
				SP	1.50		@ 0950
				↓	1.75	16"-22" Brown-orange f. SAND, loose, dry	Collected from 18-24"
				ML	2.00	22"-24" Dh brown to black sandy silt, fr. cinders & glass, soft, dry.	
						End of boring @ 2 ft bgs	
SAMPLING METHOD HC = Hand Cleared HS = Hollow Stem MC = MacroCore SS = Split Spoon						COMMENTS: Asphalt removed via electric jackhammer. Borehole backfilled w/ bentonite, patched up w/ asphalt patch @ surface	

Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona, <u>T. Schwilke</u> Rig Type: N/A - Hand Auger		PARSONS DRILLING RECORD		BORING/ WELL NO. <u>58-021</u> Page 1 of 1 Location Description:			
		PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY					
GROUNDWATER OBSERVATIONS Apparent Borehole DTW: <u>N/A</u> ft bls Measured Water Level: ft bls Total Depth of Well: <u>N/A</u> ft bls Additional Comments:		Drill Start/Finish: <u>12/16/21</u> <u>1038</u> Drill Start/Finish: <u>12/16/21</u> <u>1120</u>		Location Plan			
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SOIL SAMPLES
HC	-	-	0.0	-	0.25	<u>0-3" Asphalt</u>	<u>SS-02-0-1</u> @ 11:25
				GP	0.50	<u>3-6" Subbase</u>	8-12" sample interval
				GW	0.75	<u>6-15" Moist, loose gravel, some f-c sand, little</u>	
					1.00	<u>Brown silt. Coal fragments. Angular gravel</u>	
					1.25	<u>15-20" Moist, loose brown gravel and coarse sand</u>	<u>SS-02-1-2</u> @ 11:30
				GP	1.50	<u>little fine sand and silt. Gravel is rounded</u>	sampled from 18-24"
					1.75	<u>to subangular. Coal fragments.</u>	
					2.00	<u>20-24" Moist soft silt and clay, little gravel</u>	
				ML		<u>trace sand. More coal frags than upper</u>	
						<u>20 inches</u>	
End of boring @ 2 ft bgs							
SAMPLING METHOD HC = Hand Cleared HS = Hollow Stem MC = MacroCore SS = Split Spoon						COMMENTS: <u>Asphalt removed via electric jackhammer.</u> <u>Backhole backfilled w/ Gerstelite, patching w/ asphalt</u> <u>@ surface</u>	

Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona, <u>T. Schwagerl</u> Rig Type: N/A - Hand Auger		PARSONS DRILLING RECORD		BORING/ WELL NO. <u>SS-03</u>		
		PROJECT NAME: Corteya Driving Park PROJECT Location: <u>Roseton, NY</u>		Page 1 of 1 Location Description:		
GROUNDWATER OBSERVATIONS Apparent Borehole DTW: <u>N/A</u> ft bls Measured Water Level: ft bls Total Depth of Well: <u>N/A</u> ft bls Additional Comments:		Drill Start/Finish: <u>12/16/21 1005</u> Drill Start/Finish: <u>12/16/21 1020</u>		Location Plan		
		FIELD IDENTIFICATION OF MATERIAL		SOIL SAMPLES		
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	
HC	-	-	0.1	-	0.25	<u>0-3" Asphalt</u> <u>3-8" f-c Gray-Brown GRAVEL, little c. sand, loose, moist</u> <u>8-12" Gray-brown mc SAND & fm SA GRAVEL, silty, tr. coal & glass frags, moist, loose</u> <u>12-24" dk Gray-Brown clayey SILT, little gravel, tree wood fragments, ash, organics, coal, brick</u> <u>End of boring @ 2.0 ft bgs</u>
				GW	0.50	
					0.75	
				↓ ↓	1.00	
				0.1 ML	1.25	
				↓ ↓	1.50	<u>SS-03.0-1</u> <u>@ 1020</u> <u>from 8-12"</u> <u>SS-03.1-2</u> <u>@ 1035</u> <u>from 18-24"</u>
				↓ ↓	1.75	
				↓ ↓	2.00	
SAMPLING METHOD HC = Hand Cleared HS = Hollow Stem MC = MacroCore SS = Split Spoon						COMMENTS: <u>Asphalt removed w/ electric jackhammer</u> <u>Borehole backfilled w/ bentonite, protected w/ asphalt patch @ surface</u>

Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona, <u>T. Schweitzer</u> Rig Type: N/A - Hand Auger		PARSONS DRILLING RECORD		BORING/ WELL NO.		Page 1 of 1		
		PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY		Location Description: <u>SS-04</u>				
GROUNDWATER OBSERVATIONS		Drill Start/Finish: <u>12/16/21 1135</u> Drill Start/Finish: <u>12/16/21 1155</u>		Location Plan				
Apparent Borehole DTW: <u>N/A</u> ft bls Measured Water Level: ft bls Total Depth of Well: <u>N/A</u> ft bls Additional Comments:								
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL		SOIL SAMPLES
HC	-	-	0.1	-	0.25	<u>0-3" Asphalt</u> <u>3-6" Subbase (gravel)</u> <u>6-18" Moist, loose f-c gravel (angular to subangular) some f-c sand, little silt. Brown gray</u> <u>18"-24" Moist dark brown silt, some gravel (rounded to subangular) little sand. Soft. Brick pieces</u>		<u>SS-04-0-1 @ 12:05</u> <u>sample interval 6-12"</u>
				GP	0.50			
				GW	0.75			
					1.00			
			0.1		1.25			
					1.50			
				ML	1.75		<u>SS-04-1-2 @ 12:10</u> <u>sample interval 18-24"</u>	
					2.00	End of boring at 2ft bgs		

SAMPLING METHOD

HC = Hand Cleared HS = Hollow Stem
 MC = MacroCore SS = Split Spoon

COMMENTS:

Asphalt removed via electric jackhammer
Borehole backfilled w/ cement, patched w/ asphalt patch @ surface.

Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona, <u>J. Schwig</u> Rig Type: N/A - Hand Auger		PARSONS DRILLING RECORD		BORING/ WELL NO. <u>SS-05</u>		
		PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY		Page 1 of 1 Location Description:		
GROUNDWATER OBSERVATIONS		Apparent Borehole DTW: <u>N/A</u> ft bls Measured Water Level: ft bls Total Depth of Well: <u>N/A</u> ft bls Additional Comments:		Drill Start/Finish: <u>12/16/21 1500</u> Drill Start/Finish: <u>12/16/21 1515</u> Location Plan		
		FIELD IDENTIFICATION OF MATERIAL		SOIL SAMPLES		
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	
HC	-	-	0.1	-	0.25	<u>0-3"</u> Asphalt <u>3-8"</u> Subbase <u>8-12"</u> Dark Brown to ~~black~~ gray brown Silty CLAY, little m-c sand, trace gravel, clinters <u>12-18"</u> As Above (8-12") <u>18-24"</u> Gray-brown clayey SILT,
				SP	0.50	
				CL	0.75	
					1.00	
					1.25	
					1.50	
					1.75	
					2.00	
End of boring @ 2' bgs						<u>SS-05-0-1</u> @ 1515 8-12" <u>SS-05-1-2</u> 18-24" @ 1520
SAMPLING METHOD HC = Hand Cleared HS = Hollow Stem MC = MacroCore SS = Split Spoon						COMMENTS: <u>Asphalt removed via electric jackhammer</u> <u>Borehole backfilled w/ concrete, patch at surface w/ asphalt patch</u>

Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona, <u>T. Schweigel</u> Rig Type: N/A - Hand Auger		PARSONS DRILLING RECORD		BORING/ WELL NO. <u>SS-06</u> Location Description: 		
PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY		Drill Start/Finish: <u>12/16/21 1220</u> Drill Start/Finish: <u>12/16/21 1300</u>		Location Plan		
GROUNDWATER OBSERVATIONS						
Apparent Borehole DTW: <u>21 in bgs</u>		Measured Water Level: ft bls		Total Depth of Well: N/A ft bls		
Additional Comments:						
SOIL SAMPLES		FIELD IDENTIFICATION OF MATERIAL				
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	
HC	-	-	0.1	-	0.25	<u>0-4" Asphalt</u> <u>4-6" Sub-base (gravel, large)</u> <u>6-12" Moist, ^{Wet} loose, gravel, some coarse sand, little fine sand + silt. Gray Brown</u> <u>12-24" Moist to wet ~~broken~~ soft to med stiff clay some silt, little fine to medium gravel. Low plasticity.</u> <u>Water in hole at 21" bgs.</u>
↓				GP	0.50	
↓					0.75	
↓					1.00	
HC			0.1	CL	1.25	
↓					1.50	<u>SS-06-0-1 @1305</u> <u>Samp interval 6-12"</u> <u>SS-06-1-2 @1310</u> <u>Samp interval 18-24"</u>
↓					1.75	
↓					2.00	
End of boring @ 24" bgs -						
SAMPLING METHOD HC = Hand Cored HS = Hollow Stem MC = MacroCore SS = Split Spoon						COMMENTS: <u>Asphalt removed via electric jackhammer</u> <u>Barrel backfilled w/ bentonite, parked @ surface w/ asphalt patch.</u>

Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona Rig Type: N/A - Hand Auger		PARSONS DRILLING RECORD		BORING/ WELL NO. SS-09 Location Description: 			
		PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY					
GROUNDWATER OBSERVATIONS							
Apparent Borehole DTW: N/A ft bls		Drill Start/Finish: 12/16/21 1550		Location Plan			
Measured Water Level: ft bls		Drill Start/Finish: 12/16/21 1600					
Total Depth of Well: N/A ft bls							
Additional Comments:							
FIELD IDENTIFICATION OF MATERIAL							
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)		SOIL SAMPLES
HC	-	-	0.1	-	0.25	0-4" Asphalt 4-10" Gray med GRAVEL, angular m. frags, wet (subby) 10-16" Brown CLAY, little silt, some f-c aug. gray gravel, wet, stiff to hard 16-24" Brown CLAY, silty CLAY, tr. angular gravel (fin), hard, wet.	SS-09-0-1 @ 1610 from 10-12"
				GP	0.50		
					0.75		
				CL	1.00		
			0.1		1.25		
					1.50		
					1.75		
					2.00		
End of boring @ 24" bgs						SS-09-1-2' from 18-24" @ 1615	
SAMPLING METHOD HC = Hand Cleared HS = Hollow Stem MC = MacroCore SS = Split Spoon						COMMENTS: took equipment Glah ~~1221~~ 1221-EB-01 @ 1623 Asphalt moved urn & later (calender) Borehole backfilled w/ concrete & backfilled @ surface with a spilt patch	

Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona, <i>T. Schwab</i> Rig Type: N/A - Hand Auger		PARSONS DRILLING RECORD		BORING/ WELL NO. SS-10 Page 1 of 1 Location Description:	
		PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY			
GROUNDWATER OBSERVATIONS				Location Plan	
Apparent Borehole DTW: 6" bgs ~~ft b/s~~ Measured Water Level: ft b/s Total Depth of Well: N/A ft b/s Additional Comments:		Drill Start/Finish: 12/16/21 1625 Drill Start/Finish: 12/16/21 1640			
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft b/s)
HC	—	—	0.1	—	0.25
↓			↓	GW	0.50
↓			↓	↓	0.75
↓			↓	↓	1.00
HC			0.1	GE	1.25
↓			↓	↓	1.50
↓			↓	↓	1.75
↓			↓	↓	2.00
9-6" Asphalt 6"-12" Dark gray f-c angular GRAVEL & CABBLES trace silt, loose, wet, faint petroleum-like odor, or tar 12"-24" Dark gray f-c angular clayey GRAVEL, trace wet m. dense to dense wet, faint petroleum or tar-like odor. SS-10-0-1 6-12" @ 1645 SS-10-1-2 18-24" @ 1650 End of boring @ 2' bgs.					
SAMPLING METHOD HC = Hand Cleared HS = Hollow Stem MC = MacroCore SS = Split Spoon COMMENTS: <i>Bedrock visible w/ bentonite; patch @ surface with asphalt patch.</i>					

[illegible]

Contractor: N/A		PARSONS		BORING/ WELL NO. <u>SS-13</u>	
Driller: N/A		DRILLING RECORD		Page 1 of 1	
Oversight: J. Mikochik, E. Mysore		PROJECT NAME: Corteva Driving Park		Location Description:	
Rig Type: N/A - Hand Auger		PROJECT Location: Rochester, NY			
GROUNDWATER OBSERVATIONS				Location Plan	
Apparent Borehole DTW: N/A		Drill Start/Finish: 12/16/21 0805			
Measured Water Level: N/A		Drill Start/Finish: 12/16/21 0830			
Total Depth of Well: N/A		17			
Additional Comments:		an			
FIELD IDENTIFICATION OF MATERIAL					
SOIL SAMPLES					
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)
HC	-	-	0.0	-	0.25
				GP	0.50
				SW	0.75
				↓	1.00
			0.0	CL	1.25
				↓	1.50
				↓	1.75
				↓	2.00
0-3" Asphalt					
3-5" subbase mc gravel					
5"-10" Brown to Red brown mc SAND & f. SR gravel, mostly cinders & ash fragments, loose, moist to wet					
10"-13" Dh. ygy. Brown silty CLAY, stiff, moist.					
13"-24" Brown silty CLAY, stiff, moist.					
End of boring @ 2ft ggs					
SS-13-0-1					
6"-12" @ 0835					
+ DnP, MS, MSD					
SS-13-0-2					
01.5-2'					
@ 0840					
SAMPLING METHOD					
HC = Hand Cleared HS = Hollow Stem					
MC = MacroCore SS = Split Spoon					
COMMENTS:					
Asphalt removed w/ cleavers & hammer					
Backfill borehole w/ bentonite & patch @ surface w/ asphalt patch					

[illegible]

Contractor: N/A		PARSONS DRILLING RECORD		BORING/ WELL NO. <u>SS-16</u>									
Driller: N/A		PROJECT NAME: Corteva Driving Park		Page 1 of 1									
Oversight: J. Mikochuk, E. Mysona T. Schweigert		PROJECT Location: Rochester, NY		Location Description:									
Rig Type: N/A - Hand Auger													
GROUNDWATER OBSERVATIONS		Drill Start/Finish: <u>12/17/21</u> <u>1215</u>		Location Plan									
Apparent Borehole DTW: <u>N/A</u> ft bls		Drill Start/Finish: <u>12/17/21</u> <u>1240</u>											
Measured Water Level: ft bls													
Total Depth of Well: <u>N/A</u> ft bls													
Additional Comments:													
Sample Type		SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	Grass		FIELD IDENTIFICATION OF MATERIAL		SOIL SAMPLES		
HC	N/A	N/A	N/A	0.1	ML	0.25	0-4" Grass, sod, roots, top soil				<u>SS-16-0-1</u> @ 1230		
						0.50	4-8" Loose, dry, red brown silt, some gravel, little f-c sand. Bricks and brick fragments						
						0.75							
						1.00							
				0.2		1.25	8-20" Med dense, med brown silt and gravel, trace f-c sand. Bricks and brick fragments. Slag (one piece)				<u>SS-16-1-2</u> @ 1240		
					✓	1.50							
						1.75							
					GM	2.00	20-24" Med dense, ~~dark brown~~ silt and gray gravel and some dark brown silt, little f-c sand.						
							end of boring 2 ft bgs						
SAMPLING METHOD							COMMENTS:						
HC = Hand Cleared HS = Hollow Stem													
MC = MacroCore SS = Split Spoon													

Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona, T. Schwab Rig Type: N/A - Hand Auger		PARSONS DRILLING RECORD		BORING/ WELL NO: <u>SS-17</u>			
		PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY		Page 1 of 1 Location Description:			
GROUNDWATER OBSERVATIONS				Location Plan			
Apparent Borehole DTW: <u>N/A</u> ft bls Measured Water Level: ft bls Total Depth of Well: <u>N/A</u> ft bls Additional Comments:		Drill Start/Finish: <u>12.17.21 / 10:45</u> Drill Start/Finish: <u>12.17.21 /</u>					
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SOIL SAMPLES
HC	N/A	N/A		ML	0.25	<u>0-4" Topsoil/Loam</u> <u>4-20" silty, brown Silt, some gravel,</u> <u>some brick, Trace coal,</u> <u>4-20" ↑ Trace glass</u> <u>large cobble 16-18"</u> <u>* refusal at 20"</u>	<u>1221 ESM</u> <u>SS-17</u> <u>1221-SS-17-0-1</u> <u>10:55</u>
			0.1	OT	0.50		
					0.75		
					1.00		
					1.25		
					1.50		
			0.2	OT	1.75		
					2.00		
SAMPLING METHOD HC = Hand Cleared HS = Hollow Stem MC = MacroCore SS = Split Spoon						COMMENTS: 	

[illegible]

[illegible]

Contractor: N/A						PARSONS DRILLING RECORD						BORING/ WELL NO. SS-21																							
Driller: N/A												Page 1 of 1																							
Oversight: J. Mikochik, E. Mysona						PROJECT NAME: Corteva Driving Park						Location Description:																							
Rig Type: N/A - Hand Auger						PROJECT Location: Rochester, NY																													
GROUNDWATER OBSERVATIONS												Location Plan																							
Apparent Borehole DTW:						Drill Start/Finish: 12/17/21 1345																													
Measured Water Level:						Drill Start/Finish: 12/17/21 1335																													
Total Depth of Well: N/A																																			
Additional Comments:																																			
Sample Type SPT % Recovery PID (ppm) USCS Symbol Depth (ft bls)												FIELD IDENTIFICATION OF MATERIAL												SOIL SAMPLES											
HC - - 0.1 ML 0.25												0-6" Brown sandy silt, some fc SA gravel, cobbles, dog, n. base. 6"-24" Brown silty CLAY, Some to little SA to SR gravel, little brick.												(SS-21-0-1) @ 0-1" 1340											
↓ ↓ EL 0.50																																			
↓ ↓ EL 0.75																																			
↓ ↓ EL 1.00																																			
HC ↓ ↓ EL 1.25																																			
↓ ↓ EL 1.50																																			
↓ ↓ EL 1.75																																			
↓ ↓ EL 2.00																																			
												End of boring @ 2' bgs																							
SAMPLING METHOD												COMMENTS: Borehole backfilled w/ bentonite																							
HC = Hand Cleared HS = Hollow Stem																																			
MC = MacroCore SS = Split Spoon																																			

Contractor: N/A		PARSONS DRILLING RECORD		BORING/ WELL NO. <u>SS-22</u>		
Driller: N/A		PROJECT NAME: Corteva Driving Park		Location Description:		
Oversight: J. Mikochik, E. Myerson, Z. Carish		PROJECT Location: Rochester, NY				
Rig Type: N/A - Hand Auger						
GROUNDWATER OBSERVATIONS				Location Plan		
Apparent Borehole DTW: <u>N/A</u>		Drill Start/Finish: <u>12/17/21 1355</u>				
Measured Water Level:		Drill Start/Finish: <u>12/17/21 1420</u>				
Total Depth of Well: N/A						
Additional Comments:						
FIELD IDENTIFICATION OF MATERIAL				SOIL SAMPLES		
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	
HC	-	-	0.1	ML	0.25	<u>SS-22-a-1</u> @ 1425 0-1'
				↓	0.50	
				ML	0.75	
				↓	1.00	
			0.1		1.25	
					1.50	<u>SS-22-a-2</u> @ 1430 1-2'
					1.75	
					2.00	
End of boring @ 2' bgs.						
Took 1221-EB-03 @ 1445						
SAMPLING METHOD						COMMENTS:
HC = Hand Cleared HS = Hollow Stem						<u>Borehole backfilled w/ bentonite.</u>
MC = MacroCore SS = Split Spoon						

[illegible]

Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona Rig Type: N/A - Hand Auger		PARSONS DRILLING RECORD		BORING/ WELL NO. <u>B-8-1</u> Location Description: _____ _____ _____	
PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY		Location Description: _____ _____ _____		Location Plan _____ _____ _____	
GROUNDWATER OBSERVATIONS					
Apparent Borehole DTW:		N/A		ft bls	
Measured Water Level:				ft bls	
Total Depth of Well:		N/A		ft bls	
Additional Comments: _____					
Drill Start/Finish:		12/15/21		1515	
Drill Start/Finish:		12/15/21		1540	
FIELD IDENTIFICATION OF MATERIAL					
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)
HC	-	-	0.1	ML	0.25
					0.50
					0.75
					1.00
					1.25
					1.50
					1.75
					2.00
0-24" Brown SILT, some to little gravel, to grass brick & tile, little clay, dry to moist, stiff. rebar & concrete @ 6"					
B-8-1-0-1 @ 1540 0-12" B-8-1-1-2 @ 1545 12-24"					
SAMPLING METHOD HC = Hand Cleared HS = Hollow Stem MC = MacroCore SS = Split Spoon			COMMENTS: Borehole backfilled w/ bentonite		

PARSONS DRILLING RECORD						BORING/ WELL NO. B-8-2			
						Page 1 of 1			
Contractor: N/A Driller: N/A Oversight: J. Mikochik, E. Mysona Rig Type: N/A - Hand Auger						PROJECT NAME: Corteva Driving Park PROJECT Location: Rochester, NY			
GROUNDWATER OBSERVATIONS Apparent Borehole DTW: N/A ft bls Measured Water Level: ft bls Total Depth of Well: N/A ft bls Additional Comments:						Drill Start/Finish: 12/15/21 1350 Drill Start/Finish: 12/15/21 1620			
						Location Description: Location Plan			
						SOIL SAMPLES			
Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL			
HC	-	-	0.2	ML	0.25	0-22" Brown SILT, little to some gravel, tr. Grch, nut, wood, & concrete. Dry			
					0.50				
					0.75				
					1.00				
					1.25				
					1.50	B-8-2-0-1 @ 1625 0-12"			
					1.75				
					2.00				
						B-8-2-1-2 @ 1630 12-22"			
SAMPLING METHOD HC = Hand Cleared HS = Hollow Stem MC = MacroCore SS = Split Spoon						COMMENTS: Borehole backfilled w/ bentonite			

[illegible]

Attachment 3

Health and Safety Plan

Routes of Potential Exposure (i.e. dermal, inhalation): Ingestion, dermal, and inhalation

Monitoring Equipment: N/A

Level of Protection (PPE): Level D

Has Equipment Request Form Been Completed? N/A

Respiratory Protection: See PPE

Other:

Nearest Hospital:
attach map

Rochester General Hospital
1425 Portland Avenue
Rochester, NY
585-922-2000

Phone:

Nearest Fire Co.:

Rochester FD Engine 10/Truck 2
1477 Dewey Avenue
Rochester, NY

Phone:

911

NYDEC Spill Report:

800-457-7362

Other State Agency:

(If Applicable)
Phone:

EPA Emergency Response:

800-424-8802

Chemtrec:

800-424-9300

HASP Prepared By:

Emily Dallas

Project Manager:

Brian Fitzpatrick

SYNERGY ENVIRONMENTAL, INC.

IDENTIFIED/SUSPECTED SITE CONTAMINANTS

Contaminant Name (Synonyms)	Appearance & Physical Form (Pure substance)	OSHA PEL/ ACGIH TLV	STEL	IDLH	Routes of Entry	Potential Health Effects (Acute & Chronic)	PID Ionization Potential
Cadmium	Silver-white, blue-tinged lustrous, odorless solid	0.005 mg/m ³	N/A	N/A	Inhalation, ingestion	pulmonary edema, dyspnea (breathing difficulty), cough, chest tightness, substernal (occurring beneath the sternum) pain; headache; chills, muscle aches; nausea, vomiting, diarrhea; anosmia (loss of the sense of smell), emphysema, proteinuria, mild anemia	N/A
Lead	A heavy, ductile, soft, gray solid	0.050 mg/m ³	N/A	N/A	inhalation, ingestion, skin and/or eye contact	lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension	N/A
Silver	White, lustrous solid	0.01 mg/m ³	N/A	10 mg/m ³	inhalation, ingestion, skin and/or eye contact	Blue-gray eyes, nasal septum, throat, skin; irritation, ulceration skin; gastrointestinal disturbance	N/A
Trichloroethene	Colorless liquid (unless dyed blue) with a chloroform-like odor	100 ppm	N/A	1000 ppm	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation eyes, skin; headache, visual disturbance, lassitude (weakness, exhaustion), dizziness, tremor, drowsiness, nausea, vomiting; dermatitis; cardiac arrhythmias, paresthesia; liver injury; [potential occupational carcinogen]	9.45 eV
Vinyl Chloride	Colorless gas or liquid (below 7°F) with a pleasant odor at high concentrations	1 ppm	N/A	N/A	inhalation, skin and/or eye contact	lassitude (weakness, exhaustion); abdominal pain, gastrointestinal bleeding; enlarged liver; pallor or cyanosis of extremities; liquid: frostbite; [potential occupational carcinogen]	9.99 eV
Cis-1,2-DCE	Colorless liquid (usually a mixture of the cis & trans isomers) with a slightly acrid, chloroform-like odor	200 ppm	N/A	1,000 ppm	inhalation, ingestion, skin and/or eye contact	irritation eyes, respiratory system; central nervous system depression	9.65 eV
Chrysene	Black or dark-brown amorphous residue	0.1 mg/m ³	N/A	80 mg/m ³	inhalation, skin and/or eye contact	dermatitis, bronchitis	N/A

PFOA	Colorless, odorless solid or liquid	N/A	N/A	N/A	Ingestion, inhalation, eye contact	Harmful if swallowed or inhaled, suspected of causing cancer, causes serious eye damage	N/A
PFOS	Colorless, odorless solid or liquid	N/A	N/A	N/A	Ingestion, inhalation, eye contact	Harmful if swallowed or inhaled, suspected of causing cancer, causes serious eye damage	N/A

Note: ACGIH = American Conference of Governmental Industrial Hygienists

STEL = Short term Exposure Limit (STEL)

IDLH = Immediately Dangerous to Life and Health

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit

TLV = Threshold Limit Value

ppm = parts per million

NIOSH = National Institute of Occupational Safety and Health

ND = Not Determined

NA = Not Applicable

NE = Not Established

mg/m³ = milligrams per cubic meter

Ca/carc = Carcinogen

Abbreviations in table taken from the NIOSH *Pocket Guide to Chemical Hazards*

Attachment 4
Community Air Monitoring Plan

Community Air Monitoring Plan

666 Driving Park Avenue, Rochester, NY

2024 Test Pit Excavations

The site is known to contain heavy metals in soil, thus particulate monitoring is warranted. VOCs are not known to be present in site soils, thus VOC monitoring is not warranted. It is not anticipated that the intrusive work will generate dust because excavation will be ceased in each test pit when soil is encountered.

Continuous monitoring will be required since the planned work is ground intrusive. A TSI DUSTTRAK II Handheld/Portable 8532 Dust/Aerosol Monitor will be continuously operated downwind of the intrusive work, at the site boundary. If there is precipitation while the work is being performed, the monitor cannot be operated, and it is assumed that precipitation would provide sufficient dust control.

A background (upgradient) measurement will be collected at the beginning of the workday, and again periodically as needed to confirm or rule out dust generation related to site activities. Fugitive dust migration will also be visually assessed during all work activities. If at any point the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work will be stopped and a re-evaluation of activities will be initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration. All readings will be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.