City of New Orleans
Department of Public Works

Soil Management Plan

Desire Neighborhood
New Orleans, Louisiana

February 24, 2022

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1 Purpose

The purpose of this Soil Management Plan is to assist the City of New Orleans – Department of Public Works in the safe management and disposal of soils excavated during completion of the RR029 Desire Neighborhood paving project. Figure 1 attached shows the site location. This plan details the evaluation of surface soil samples collected in the areas of planned infrastructure improvements. Specifically, this plan contains:

- A summary of current environmental conditions.
- On-site soil management best practices and recommendations.
- Recommendations for disposal of waste materials generated during the project, including approximate volumes indicated by the evaluation.

2 Background

The project site is within the former Agriculture Street Landfill (ASL) located in the Desire Neighborhood in the city of New Orleans, Louisiana. The ASL served as a municipal waste disposal area from approximately 1909 through 1957 and again for emergency purposes between 1965 and 1966. The area was subsequently developed during the 1970s and 1980s for residential purposes. In the 1990s, the United States Environmental Protection Agency (EPA) initiated a series of actions to protect residents from exposure to materials disposed of at this facility. Five operable units (OUs; OU-1 through OU-5) were established for management of remedies across the approximate 95-acre site. These OUs are depicted on Figure 2. All five OUs were determined to require no further action by 2002. OU-4 and OU-5 were deleted from the National Priorities List in 1997.

The previously mentioned RR029 paving project will be conducted within and in the vicinity of OU-2 and OU-3. The primary contaminant of concern (COC) for these OUs is lead. Additional contaminants of potential concern (COPCs) identified are arsenic and polycyclic aromatic hydrocarbons (PAHs). The response actions completed for these OUs consisted of removal of the top 24 inches of soil and waste materials, installation of a geotextile demarcation liner, and restoration to the original grade with clean fill. Response actions were primarily completed at residential properties; roadways were not included, and removal and replacement of sidewalks and driveways were completed only as necessary. The EPA determined that residential exposures to impacted soil below the demarcation liner had been mitigated where the response action was implemented. Nine private homeowners within OU-2 elected not to participate in the removal action. Four of these properties are located in the vicinity of the proposed paving project. Figure 2 depicts the locations of the parcels where the removal action was not completed.

Due to the historical operation of this facility and proximity of the paving project to properties not included in the removal action, soils generated during the process of facility improvements should be evaluated as potential waste materials for off-site disposal at a solid waste facility regulated by the Louisiana Department of Environmental Quality (LDEQ). The EPA has previously provided general guidance for utility projects, suggesting that clean backfill materials above the demarcation liner be stockpiled and reused on-site as needed. In order to formulate a comprehensive plan for management of all soils generated during the RR029 paving project, a sampling program was developed. This program involves confirming the concentrations of COCs and COPCs and recording other potential waste parameters at each proposed work area within the public right-of-way within the OU where removal action was completed, at properties not included in the removal action, and adjacent to the

OU. The sampling program detailed herein provides analytical data for soils present at each of the proposed work areas. The data have been used to evaluate the concentrations of COCs and COPCs detected in soils compared to EPA and LDEQ screening levels. The evaluation may be used to formulate decisions for reuse of these materials on-site as backfill or disposal off-site based on standards that are protective against human or ecological exposures.

3 Subsurface Investigation

Arcadis U.S., Inc. (Arcadis) collected composite soil samples from 20 different locations of the planned street and sidewalk improvements using a manual sampling device (hand auger) on July 14 through 16, 2021. Each composite sample was comprised of five individual aliquots of soil collected from the work area. Aliquots were obtained from the uppermost soils (i.e., 0 to 2 feet below surface grade). All five aliquots for the composite sample were placed into a stainless-steel bowl and thoroughly mixed to homogenize the sample. An exception to composite homogenization was performed for the collection of volatile organic compound (VOC) samples. A portion of the central composite aliquot was placed directly into the sample container prior to mixing the remainder of the aliquot. This was done to minimize any losses due to volatilization of analytes during the homogenization process. All sample locations (labeled Comp-1 thru Comp-20 and identified on Figure 2) were selected based on the remaining work to be completed. Soils were sampled at proposed crosswalk, ramp, and road-surface replacement locations so that each could be characterized individually. Concrete from roadways, ramps, and sidewalks, and associated soils underneath, were not sampled during this sampling event, but further investigation will be completed prior to construction activities to adequately characterize the environmental conditions and provide recommendations for soil management at these locations. All soil samples were placed into laboratory-provided sample containers, packed with ice in a cooler at ≤4 degrees centigrade, and shipped to Pace Analytical Laboratories (Pace) in New Orleans, Louisiana, under full chain-of-custody protocol. Sampling forms completed for each sampling location are included as Appendix A

3.1 Analytical Program

The collected soil samples were analyzed for the following parameters, which include the COCs and COPCs for the ASL site, conventional solid and hazardous waste COCs, and waste characterization parameters.

- VOCs by EPA Method 8260
- Semi-Volatile Organic Compounds (SVOCs; including PAHs) by EPA Method 8270D
- Resource Conservation and Recovery Act Metals by EPA Method 6010/7074
- Chlorinated Pesticides by EPA Method 8081
- Herbicides by EPA Method 8151
- Polychlorinated Biphenyls by EPA Method 8082
- Reactivity
- Corrosivity
- Ignitability

- Paint Filter Liquids

3.2 Analytical Results

The soil analytical results for each constituent at the 20 sampling locations are summarized in Tables 1 through 3. For consistency of approach, LDEQ Risk Evaluation/Corrective Action Program (RECAP) screening standards (SS) have been used as the preliminary comparative criteria for human health and environmental evaluation. It is acknowledged that the EPA has established regional screening levels for many of the same compounds. To be comprehensive, these standards have also been included for reference. It is also acknowledged that risk-based standards and medium specific screening levels have been developed for several COPCs specific to the site. In particular, the following excerpt from the second five-year review report pertains to the selection of appropriate comparison criteria for lead and arsenic (Second Five-Year Review Report for the Agriculture Street Landfill Superfund Site, New Orleans, Orleans Parish, Louisiana, Region 6 United States Environmental Protection Agency April 2008):

> *The EE/CA compared EPA Region 6 RBC levels to site soil concentrations. The lead RBC was 480 milligrams per kilogram (mg/kg – mg/kg is equivalent to ppm) and the arsenic RBC was 0.370 mg/kg (EPA, 2003). The current EPA Region 6 Human Health Medium Specific Screening Levels (MSSLs) for arsenic and lead for residential exposure are 22 mg/kg and 400 mg/kg, respectively. The State of Louisiana adopted the RECAP in December 1998, and became final on October 20, 2003. The RECAP soil standards for arsenic and lead for surface soil and potential surface soil at non industrial sites are 12 mg/kg and 400 mg/kg, respectively. The EPA Region 6 MSSL and LDEQ RECAP standard for lead in soil are lower than the lead RBC used as the cleanup goal at the site. However, the highest lead level detected in the soil samples collected during the post-Katrina sampling event was 363 mg/kg, which was lower than 400 mg/kg (Section 6.4). These standards may be considered if additional response actions are found to be required at the site in the future.*

Copies of the laboratory analytical reports are provided as Appendix B.

As shown in Table 1, analytical results exceed the LDEQ RECAP SS as follows (and indicated by gray shading in Table 1):

1. Soil screening standard based on the protection of human health for non-industrial land use ($Soil_{SSni}$).
   a. Pesticides:
      - Sample Comp-11:
        - Dichloro-diphenyl-dichloroethylene (4,4'-DDE): 2.46 milligrams per kilogram (mg/kg)
        - Dichloro-diphenyl-trichloroethane (4,4'-DDT): 2.62 mg/kg

   b. SVOCs:
      - Sample Comp-04:
        - Benzo(a)anthracene: 0.9 mg/kg
        - Benzo(a)pyrene: 1.5 mg/kg
        - Benzo(b)fluoranthene: 2.5 mg/kg
        - Bis(2-ethylhexyl)phthalate: 64.2 mg/kg

   c. Metals:
      - Arsenic:

    - Sample Comp-05: 15.7 mg/kg
    - Sample Comp-11: 13.7
  - Cadmium:
    - Sample Comp-05: 5.2 mg/kg
  - Lead:
    - Sample Comp-05: 1320 mg/kg

2. These detections are above the RECAP SS for soil protective of groundwater ($Soil_{SSGW}$) meeting the definitions of Groundwater Classifications 1, 2, and 3.

   a. Pesticides:
      - Sample Comp-11:
        - 4,4'-DDE: 2.46 mg/kg

   b. Metals:
      - Lead
        - Sample Comp-01: 259 mg/kg
        - Sample Comp-03: 195 mg/kg
        - Sample Comp-04: 361 mg/kg
        - Sample Comp-05: 1,320 mg/kg
        - Sample Comp-10: 159 mg/kg
        - Sample Comp-11: 352 mg/kg
        - Sample Comp-19: 137 mg/kg
        - Sample Comp-20: 141 mg/kg

The $Soil_{SSni}$ comparative results indicate the presence of COCs and COPCs in the vicinity of sample locations Comp-04, Comp-05, and Comp 11 at concentrations that would require additional evaluation of site-specific direct-contact non-industrial exposure criteria. Alternatively, these concentrations would suggest that the soil is not suitable for unrestricted reuse on-site at default exposure parameters.

The $Soil_{SSGW}$ comparative results indicate the presence of COCs and COPCs in the vicinity of sample locations Comp-01, Comp-03, Comp-04, Comp-05, Comp-10, Comp-11, Comp-19, and Comp-20 at concentrations that could result in cross-media transfer (soil to groundwater). Such cross-media transfer SS are based on generic (non-site-specific) criteria, which include protection of potable aquifers in addition to non-potable aquifers that may drain to surface-water bodies. Evaluation of these concentrations in consideration of site-specific exposure criteria would be required for reuse of soils at several of these locations. Alternatively, additional evaluation of the potential for soil-to-groundwater leaching can be performed by use of a leach test. This additional evaluation by use of a leach test was performed, and results met $Soil_{SSGW}$ SS, indicating that soil at locations Comp-01, Comp-03, Comp-10, Comp-19, and Comp-20 could be reused on-site. Leach test results at locations Comp-04, Comp-05, and Comp-11 also met $Soil_{SSGW}$ SS, eliminating the soil-to-groundwater pathway. However, these locations had exceedances of the $Soil_{SSni}$ standard as discussed above, and therefore, soil is not suitable for unrestricted reuse on-site. The leach test results and evaluation are further detailed in Section 3.2.1.

3.2.1 TCLP Evaluation

The toxicity characteristic leaching procedure (TCLP) analysis can be used to determine the potential for leaching of toxic compounds from soil. TCLP analyses were conducted on soil samples collected in this investigation for

two purposes: 1) to evaluate off-site waste disposal requirements; and 2) to further evaluate the lead soil-to-groundwater pathway at the locations where the $Soil_{SSGW}$ SS were exceeded.

Arcadis first performed a provisional evaluation of the total concentrations for potentially hazardous COCs using the "Rule of 20" modification of total analysis results. As presented in Table 3, all total sample results were divided by 20 to account for the theoretical maximum leachate concentration resulting from a 20:1 ratio of extraction fluid to solid sample. The detection limit was used for samples where non-detect values were reported. This evaluation of the theoretical leachate concentration suggested that concentrations of lead reported for several samples could be in excess of the Federal Resource Conservation and Recovery Act (RCRA) threshold for leachate from lead-containing wastes.

Arcadis ordered Pace to analyze samples Comp-04 and Comp-05 for TCLP using EPA Method 6010C to further evaluate lead concentrations. Comp-05 represents the highest concentration identified during the field investigation, and Comp-04 represents the second highest concentration. Both detections of lead in the original sample are in excess of the $Soil_{SSGW}$ standard, which represents a generic numerical value above which a COC may potentially migrate from soil into groundwater. The characteristics of soils in some localities tend to resist the leaching effect and therefore may not result in a cross-media transfer risk even if the screening criteria are exceeded. TCLP analysis simulates the leaching from soil to groundwater that may occur under landfill conditions and is an approximation of the concentration of pore waters that have come into direct contact with the COC-containing soil. The analysis also allows for comparison of the analytical results with the Federal TCLP Regulatory Limits for non-hazardous waste obtained from 40 Code of Federal Regulations Part 261. Analytical results for the TCLP analysis (Table 2) indicate a non-detect concentration of <0.2 milligram per liter (mg/L) in both samples, which is below the maximum regulatory level for lead of 5 mg/l for solid waste disposal. These results, along with the results presented in Table 3, indicate that the soils can be profiled and disposed of as non-hazardous waste.

In accordance with RECAP Appendix H1.1.1, a leachate-based SS is calculated by multiplying the standard protective of a Classification 1 aquifer (GW_1) by the default Summers model dilution factor ($DF_{Summers}$). For lead, the product of GW_1 (0.015mg/L) multiplied by $DF_{Summers}$ (20) is 0.3mg/L. Because the result of the leachate analysis is less than 0.3 mg/L, the lead concentrations in soil are determined to be protective of groundwater and the pathway may be eliminated from further consideration. This elimination refers to concentrations of lead detected at locations Comp-01, Comp-03, Comp-04, Comp-05, Comp-10, Comp-11, Comp-19, and Comp-20. TCLP was not performed for the pesticide 4,4'-DDE as that constituent also exceeds the non-industrial SS.

3.2.2 Other Waste-Specific Characterization

In addition to the COC and COPC analyses, additional sample volumes were collected for analysis of conventional waste characterization parameters that are required for off-site waste disposal, including reactivity, flashpoint, and free liquids. None of the samples exhibited the characteristic of having a flashpoint less than 140 degrees Fahrenheit. Likewise, there were no instances of samples exceeding the reactive cyanide or sulfide standards of 250 mg/kg or 500 mg/kg, respectively.

Samples Comp-07 and Comp-08 failed the paint filter liquid test, indicating that the high moisture content of soils at these locations may result in liquefaction during transport. As this is a physical parameter only, material-handling procedures may be implemented to stabilize the material if needed.

3.2.3 Interpretation

COC and COPC concentrations located at Comp-04, Comp-05, and Comp-11 exceed the SS for direct-contact exposure. Sample locations Comp-04 and Comp-05 are located within the bounds of the ASL OU-2. The majority of surface soils within OU-2 were remediated during the removal action conducted by the EPA. However, as previously referenced, four properties located adjacent to Benefit Street were not included in the removal action at the election of the owners. The exceedances identified by this evaluation at locations Comp-04 and Comp-05 are associated with the property on the corner of Gordon Plaza Drive and Benefit Street, which was opted-out for removal action. Correspondingly, shallow soils at these locations should be considered non-remediated and are indicative of historical landfill materials as evidenced by the detections of PAH and lead at Comp-04 and arsenic, cadmium, and lead at Comp-05.

Locations Comp-01, Comp-03, and Comp-06 are also associated with properties that were not included in the EPA removal action at the election of the owners. While sampling results (including TCLP analyses) from this investigation indicate that COC and COPC concentrations at these locations are below screening levels, soils removed from these areas should be considered for off-site disposal as a conservative measure. Similarly, materials removed from the roadways during construction should be disposed of off-site because these areas were also not included in the removal action.

Comp-11 is located adjacent to the bounds of OU-2 and OU-3 near the intersection of Benefit Street and Montegut Street. Detections of arsenic just over the statewide background of 12 mg/kg were reported at this location. Additionally, pesticides 4,4'-DDE and 4,4'-DDT were detected at this location at concentrations exceeding the RECAP $Soil_{SSni}$ and $Soil_{SSGW}$ (4,4'-DDE only). As identified by the EPA's summary of the site history (Appendix B of the July 2018 Fourth Five-Year Review Report), pesticides (specifically 4,4'-DDT) were reportedly sprayed at the ASL site during the 1940s and 1950s. Because this location is adjacent to, but outside of, OU-2 and OU-3, it is possible that shallow soils here could contain residual concentrations of COCs and COPCs. Further soil investigation activities will be completed in areas adjacent to the OUs prior to construction to adequately characterize the environmental conditions and provide recommendations for soil management at these locations.

Analytical results (in consideration of TCLP analyses) indicate that the $Soil_{SSni}$ standard should be used as screening criteria for all concentrations detected during this investigation. Locations where detected concentrations are above the $Soil_{SSni}$ and/or locations that were not previously remediated should be considered for disposal. Soils at remaining locations where detected concentrations are below the $Soil_{SSni}$ could be reused/replaced following construction activities.

The following table summarizes the analytical results and the recommended soil management approach for each location sampled in this investigation.

Sample Location	Included in EPA Removal Action?	Meets RECAP SS?		Eligible for On-Site Soil Reuse?(1)
		$Soil_{SSni}$	$Soil_{SSGW}$	
Comp-01	**No**	Yes	**No(2)**	**No**
Comp-02	Yes	Yes	Yes	Yes
Comp-03	**No**	Yes	**No(2)**	**No**
Comp-04	**No**	**No**	**No(2)**	**No**

Sample Location	Included in EPA Removal Action?	Meets RECAP SS?		Eligible for On-Site Soil Reuse?(1)
		$Soil_{SSni}$	$Soil_{SSGW}$	
Comp-05	**No**	**No**	**No(2)**	**No**
Comp-06	**No**	Yes	Yes	**No**
Comp-07	Yes	Yes	Yes	Yes
Comp-08	Yes	Yes	Yes	Yes
Comp-09	Yes	Yes	Yes	Yes
Comp-10	Yes	Yes	**No(2)**	Yes
Comp-11	Yes	**No**	**No(2)**	**No**
Comp-12	Yes	Yes	Yes	Yes
Comp-13	Yes	Yes	Yes	Yes
Comp-14	Yes	Yes	Yes	Yes
Comp-15	Yes	Yes	Yes	Yes
Comp-16	Yes	Yes	Yes	Yes
Comp-17	Yes	Yes	Yes	Yes
Comp-18	Yes	Yes	Yes	Yes
Comp-19	Yes	Yes	**No(2)**	Yes
Comp-20	Yes	Yes	**No(2)**	Yes

Notes:
(1)Locations marked as not eligible for on-site soil reuse should be hauled off-site by a licensed waste hauler to a solid waste landfill or soil treatment facility permitted by the State of Louisiana. Waste characterization results indicate the materials can be disposed of as a non-hazardous solid waste. Stabilizing material may be required based on paint filter liquid test results (Section 3.2.2).
(2)Result exceeded $Soil_{SSGW}$ RECAP SS; however, the soil-to-groundwater pathway was eliminated by additional TCLP evaluation as described in Section 3.2.1.

Abbreviations:

EPA	United States Environmental Protection Agency.
RECAP SS	Risk Evaluation/Corrective Action Program screening standard.
$Soil_{SSGW}$	Screening standard for the soil concentration protective of groundwater meeting the definitions of Groundwater Classifications 1, 2, and 3.
$SoilSS_{ni}$	Soil screening standard based on the protection of human health for non-industrial land use.
TCLP	Toxicity Characteristic Leaching Procedure.

4 Soil Management Plan

Based on the results of the soil sampling activities described in Section 3, Arcadis recommends the following.

4.1 Soil Reuse

Surface soils (from ground surface to a maximum depth of 2 feet below surface or above the geotextile liner, whichever is first encountered) at locations Comp-02, Comp-07, Comp-08, Comp-09, Comp-10, Comp-12, Comp-13, Comp-14, Comp-15, Comp-16, Comp-17, Comp-18, Comp-19, and Comp-20 may be returned to the

ground following completion of pavement improvements in these areas. This determination is based on the analysis within Section 3 that indicates concentrations of COCs and COPCs detected in these areas do not exceed direct-contact SS and were previously remediated under the EPA removal actions. While soil results from locations Comp-01, Comp-03, and Comp-06 indicated compliance with the screening levels in this evaluation, these areas are located within portions of OU-2 that were not included in the removal action and therefore should be considered for off-site disposal as a conservative measure. Similarly, materials removed from the roadways that were not included in the removal action will not be considered for reuse on-site.

4.2 Soil Disposal

Chemical analyses detailed herein indicate that surface soils up to a depth of 2 feet below surface grade that will be removed from the proximity of the sample areas within OU-2 may be profiled as solid waste. Tables 2 and 3 summarize the regulatory thresholds for hazardous waste parameters in relation to observed site concentrations. As previously described in Section 3.2.1, the TCLP analysis of lead indicates compliance with the RCRA limit of 5 mg/L. This was the only compound that necessitated TCLP analysis following the use of the “Rule of 20” approximation of the maximum theoretical leachate concentration derived from total results in comparison to the applicable hazardous waste criteria. Additionally, there were no exceedances of the RCRA criteria for physical hazards (flashpoint, reactive cyanide, and sulfide). It should be noted that additional sampling to be conducted in the roadways should include waste characterization analysis to confirm disposal requirements for materials removed from those areas.

Based on the obtained analytical results described in Section 3, excavated soils in the vicinity of sample locations Comp-04, Comp-05, and Comp-11 exceed applicable RECAP and EPA screening levels. It is appropriate to consider for disposal soils located in the vicinity of samples Comp-04, Comp-05, and Comp-11 as a public safeguard. Additionally, soils and materials from areas not included in the previous removal actions (Comp-01, Comp-03, Comp-06, and roadways) should also be considered for off-site disposal. The excavated soil from these areas should be either stockpiled (within roll-off containers) for disposal or directly loaded and hauled to a solid waste disposal facility permitted by the State of Louisiana. Live load into waiting disposal trucks is the preferred technique.

If stockpiling for disposal is utilized, a containment structure should be erected prior to excavation of the material. This structure should consist of an impermeable polyethylene sheet ground barrier laid over a continuous, 360-degree berm. Stockpiled soil shall be placed directly on the impermeable surface and covered with a polyethylene sheet tent until the soil is ready for disposal. Stakes or weights placed along the edges of the tent cover should be used to prevent ponding of rainwater within the containment. The stockpile containment structure should be located within a fence-secured area to restrict access to excavated material. As possible, this fenced area should encompass the excavation area and will be considered an exclusion zone. Additional site control and access restriction measures are discussed in Section 5.1. The soil should be hauled off-site by a licensed waste hauler to a solid waste landfill or soil treatment facility permitted by the State of Louisiana. Transportation and disposal of this material should occur as promptly as possible. The EPA has provided additional guidance regarding materials handling (Erosion Control Technical Discussion, Technical Abstract – Utilities, July 1998). These documents should be consulted by the contractor in advance of excavation.

4.3 Concrete/Surface Material Disposal

Sampling of constructed surface materials (asphalt and concrete) was not within the scope of this investigation. Although asphalt and concrete may typically be recycled or disposed of within construction and demolition landfill facilities, due to the mechanism of emplacement and removal from the site, these materials could contain residual amounts of soil clinging to their surfaces that could reasonably be expected to contain similar concentrations to the composite soil samples collected from each area. For this reason, it is recommended that concrete and asphalt removed from locations Comp-01, Comp-03, Comp-04, Comp-05, Comp-06, and Comp-11 be disposed of as solid waste in the same shipment and facility as the soils. Disposal at the same facility will provide a public safeguard against contact with residual soils and will allow for a more rapid execution of the improvements.

Concrete and asphalt removed from all other sample locations may be directed to a construction and demolition debris landfill or recycled as necessary because the soils collected from these locations did not exceed direct-contact exposure criteria. As previously described, TCLP analysis indicates that residual soils clinging to these materials would not be expected to leach COCs at concentrations that would result in potential exposures.

4.4 Confirmatory Soil Sampling

Should any excavation be conducted beyond 2 feet below surface elevation or below the demarcation liner in areas of the OU where removal action was completed, additional soil sampling and analysis of that horizon should be completed. The previously mentioned Technical Abstract – Utilities provides guidance for this potential occurrence. Specifically, soils encountered below the demarcation liner should be considered representative of historical landfill material and should be segregated from the surface soils for use as backfill only below the liner as prescribed by the EPA. Alternatively, materials from beneath the liner may be characterized and disposed of at a permitted facility as necessary.

4.5 Backfill/Resurface of Excavated Areas

After the excavation activities have been completed, excavations shall be backfilled as needed using clean soil fill. Backfilling shall be made in 2-foot lifts with compaction provided by compacting equipment. A soil density test by Modified Proctor Method (ASTM D1557) should be conducted in each lift to verify density of 95 percent or better. The excavation shall be backfilled to grade and restored to pre-existing condition.

5 Pre-Field Activities

This section on pre-field activities includes descriptions of planning and organizational aspects required for excavation to begin.

5.1 Site Security and Access

During remediation activities, the site will remain secured to provide protection for on-site personnel and equipment and to prevent unauthorized access to the site. The work will be done within the public right-of-way. A 6-foot-high chain-link fence comprised of temporary panels should enclose the staging area and the work zones (i.e., all exclusion, decontamination, and support zones). During non-working hours, the fencing will be fully

closed and locked. During excavation activities, access will be restricted to authorized personnel only. All excavations, stockpiled materials, and equipment will be located within this restricted access area. Signage will be posted to discourage trespassing.

5.2 Traffic Control

Caution will be exercised during entrance into and exit from the site to ensure safe and uninterrupted traffic flow. Entrance into and departure from the site by trucks will be facilitated by support personnel as necessary. Once trucks have left the site, they will follow specific haul routes to disposal facilities that will be determined based on final disposal arrangements. A detailed Traffic Control Plan will be prepared prior to excavation implementation. Refer to Section 6.4, Off-Site Soil Disposal and Transportation Plan, for more information.

5.3 Excavation Permit

All necessary permits for removal activities, transportation, and/or air quality will be obtained prior to excavation. The permits will be kept on-site during the work and made available for inspection during working hours. The procedures proposed for excavation activities will comply with Federal, State, and local rules and regulations regardless of whether permit documents are required.

5.4 Notifications and Utility Clearance

The contractor will notify the City of New Orleans, LDEQ, and EPA of excavation activities 2 months prior to implementation. The proposed excavation areas will be marked in white paint prior to contacting Louisiana One Call (811) at least 72 hours prior to excavating, as required by law. A private utility-locating service will also be utilized to mark and clear proposed excavation locations relative to the presence and/or marked locations of potential subsurface utilities.

5.5 Soil Management

Excavated soil will be reused on-site where applicable or transported off-site for disposal as described in Section 4. Suitable fill material (“clean soil”) is soil that will not have an adverse effect on human health or the environment when imported to the receiving site.

5.6 Excavation of Non-Impacted Soil

Excavation of the non-impacted soil at each excavation area (Comp-02, Comp-07, Comp-08, Comp-09, Comp-10, Comp-12, Comp-13, Comp-14, Comp-15, Comp-16, Comp-17, Comp-18, Comp-19, and Comp-20) at depths ranging from ground surface to 2 feet below ground surface will be conducted in the following general sequence:

1. Develop exclusion zones, staging areas, and access paths for equipment, work zones, and decontamination areas for use during handling of soil to reduce the potential of tracking materials off-site.
2. Identify locations of perimeter air-monitoring stations as necessary, and begin monitoring to comply with the Health and Safety Plan (HASP) and the protocols in Section 7 of this Soil Management Plan.
3. Excavate and stockpile non-impacted soil for reuse on-site.

4. Utilize plastic sheeting to cover each stockpile and excavated area as needed for weather protection. Additional weather protection protocols are discussed further in Section 6.6.

5.7 Excavation of Impacted Soil

Excavation of the impacted soil (containing SVOCS, lead, or pesticides or at locations previously not remediated) at each excavation area at depths ranging from ground surface to 2 feet below ground surface will be conducted in the following general sequence:

1. Develop exclusion zones, staging areas, and access paths for equipment, work zones, and decontamination areas for use during handling of impacted soil to reduce the potential of tracking waste off-site.
2. Identify locations of perimeter air-monitoring stations as necessary, and begin monitoring to comply with the HASP and the protocols in Section 7 of this plan.
3. Direct load onto trucks or place into secured stockpiles as described in Section 4.2 for appropriate off-site disposal.
4. Utilize plastic sheeting to cover each stockpile and excavated area as needed for weather protection. Additional weather protection protocols are discussed further in Section 6.6.

6 Waste Management

6.1 Soil Characterization Prior to Off-Site Disposal

Soil has been pre-characterized by laboratory analysis and can be loaded directly onto trucks for transport to the receiving facility once the appropriate off-site disposal location and permitting have been completed. It is also recommended that additional waste characterization samples be collected from the roadway areas in future investigations to verify the waste disposal requirements from materials removed in those areas.

Although unlikely, some soil may need to be placed in temporary on-site stockpiles because: (a) the soil requires further characterization prior to off-site disposal; (b) short-term storage is necessary until haul trucks are available to transport the soil off-site for disposal; or (c) the soil needs processing or sorting prior to landfilling. If possible, roll-off containers shall be used to contain the stockpiles because they can be secured against trespass and weather by locking and covering with a tarp. All stockpile areas should be contained within the restricted access work area described in Section 5.1 to prevent access to the materials.

6.2 Soil Stockpile Management

Soil that is placed in temporary stockpiles will be well maintained at all times to prevent run-on/run-off and fugitive dust emissions and odor. All stockpiled soil will be placed on impermeable plastic sheeting (minimum 10-mil thick). The plastic sheeting will prevent the run-off of soil and potential contaminants to surrounding areas. The soil stockpile will be covered with plastic sheeting when not actively being added to or removed to prevent erosion or contaminant impacts to underlying soil and prevent exposure to precipitation and wind. Plastic sheeting that covers the soil stockpile will be secured using sandbags or an equivalent. If direct load of soil onto trucks for immediate off-site disposal cannot be accomplished, stockpiles will be secured during work that day and removed

as soon as possible. Following removal, the soil stockpile area will be restored to a pre-stockpile condition. Following stockpile removal, residual plastic or debris will also be disposed of in a proper manner.

6.3 Decontamination Procedures

To prevent residual contamination from leaving the site by construction equipment and personnel during excavation activities, the following decontamination procedures will be followed:

- To minimize the spread of impacted soil, equipment will be cleaned prior to movement out of active work zones.
- The equipment wheels/tires will be cleaned over plastic sheeting using shovels and stiff-bristled brooms or brushes until they are fully cleaned.
- Workers will follow decontamination procedures to prevent the spread of impacted soil, including brushing boots until they are fully cleaned and removing soiled personal protective equipment (gloves, protective work clothing) prior to leaving the active work zone.
- Upon completion of cleaning, any debris will be placed in the appropriate transportation vessel and the plastic sheeting will be folded and disposed of in a proper manner.

6.4 Off-Site Soil Disposal and Transportation Plan

In advance of the excavation activities, a detailed Traffic Control Plan will be developed that will:

- Minimize the distances trucks will travel on residential streets.
- Provide the most safe and expedient route out of the Desire Neighborhood.
- Minimize transportation during portions of the day when there may be high traffic or an increased pedestrian presence.
- Specify load limits for all roadways, culverts, and bridges.
- Specify maximum speeds for each portion of the roadway.
- Provide detailed guidance for on-site transit and loading operations.

The Traffic Control Plan will be included in the construction bid plans and specifications.

Following acceptance of the excavated soil at an appropriate licensed disposal facility, the soil will be loaded in licensed haul trucks (end-dumps or transfers) and transported off-site following appropriate Federal and State waste-manifesting procedures and the above-mentioned Traffic Control Plan. The appropriate waste-manifest documentation will be provided to truck drivers hauling the impacted soil off-site. Based on the areas identified for off-site disposal in the above sections, the approximate volume of material to be hauled is estimated to be 150 tons. This volume represents a preliminary estimate and is subject to change through the course of construction.

Transportation equipment will be chosen to safely transport the expected volumes of soil, taking into consideration the types of roads to be traveled and their loading capacity. Routine truck maintenance and repairs will be performed at the transporter's premises prior to picking up loads of waste material from the site.

After each truck is filled, an inspection will be conducted to verify that the waste soil is securely covered to the extent practicable and that the tires of the haul trucks are reasonably free of accumulated soil prior to leaving the site. During loading, dust and odor emissions will be monitored and mitigated as necessary. During transportation, the hauling trucks will be equipped to fully cover all soil and debris, such as with a heavy tarpaulin. A street sweeper will be made available, as needed, to keep the surrounding streets clean. The soil will be wetted as necessary to reduce the potential for dust generation during loading and transportation activities.

A detailed truck/soil-load log associated with off-site transport/disposal from the site will be maintained. The log will include, at a minimum, the date and time trucks were loaded and off-loaded, the destination, the size (volume and weight) of the load, a description of contents, the name and signature of the hauler, and the name and signature of the contractor's representative. The waste will be off-loaded for treatment or disposal in a manner consistent with current Federal, State, and local regulations. Shipments of hazardous waste, if applicable, will be tracked with the appropriate hazardous waste manifests.

All transportation activities will be performed in strict compliance with all regulations and ordinances. Any hauling contractor who transports non-hazardous waste from the site or clean fill to the site will be fully licensed and permitted by the State of Louisiana. All Department of Transportation and Louisiana State Police safety regulations will be strictly followed by non-hazardous waste haulers. Transportation routes will be developed to minimize the transporting of impacted soil through residential areas. The impacted soil will be transported via surface streets to the closest suitable freeway. The remainder of the freeway route(s) will be established upon selection of the appropriate landfill(s).

6.5 Off-Site Disposal Facilities

If soil is classified as non-hazardous waste by Federal and State standards, it will be disposed of at a Class II licensed landfill facility such as:

- Greater New Orleans Landfill, Avondale, Louisiana.
- River Birch Landfill, Avondale, Louisiana.
- Colonial Landfill, Sorrento, Louisiana.

A full listing of permitted Class II landfills should be consulted prior to work execution to verify permit status.

6.6 Wastewater and Groundwater Management Protocols

No wastewater resulting from groundwater infiltration is anticipated to be generated during any phases of remedial excavation activities due to the limited depth of excavation. Excavations shall not be left open for a prolonged period of time nor allowed to gather rainwater. Excavations shall be lined with an impermeable material such as polyethylene. Any water gathered within the polyethylene liner that has not contacted soil may be pumped as necessary to the storm drainage system.

Other environmental controls may be required if anticipated conditions at the site change. If excavation activities occur during the rainy season, water management procedures will be implemented in addition to probable modifications of other plans such as the HASP. The following procedures will be implemented at the site during the rainy season:

- The weather forecast will be monitored. During days heavy rain is forecasted, excavation activities may not occur.

- The boundary of the work area will be properly bermed to prevent storm water from entering or leaving the work area.
- Storm water entering the excavation area from non-impacted areas and storm water originating within the excavated area will be pumped to settlement tanks and treated prior to discharge under permit or disposal off-site.
- Excavation will be conducted in small sections such that the exposed excavated area can be covered immediately if heavy rains occur.
- Procedures will be used to prevent wet soil from sticking to the tires of trucks used to haul soil off-site. These procedures may include plastic sheeting at the loading area, a tire wash at site egress paths, and/or a stabilized gravel construction entrance.
- Plastic sheeting will be used extensively to cover the area of excavation during non-work hours.

In general, the excavation will be kept as dry as possible to minimize the waste generated, and the backfilling of the excavation, as necessary, will be conducted promptly. Storm water best management practices (BMPs) will be followed in accordance with the contractor's Grading Plans to be prepared for the site. The BMPs for the site activities should include use of fiber rolls, inlet protection, stabilized construction entrance, landscape and paving, street cleaning, and catch basin cleaning.

6.7 Spill Response Plan

In the event of a spill, the contractor will be responsible and prepared to respond in a safe and efficient manner to the particular spill. Standards will be set and consistent procedures used for handling spills, whether they are on-site spills or spills that occurred during transportation. Haulers will have an Emergency Spill Contingency Plan (ESCP) to ensure that all drivers and dispatchers know their responsibilities in the unlikely event that an accidental spill occurs while transporting impacted material off-site. The drivers and dispatchers will be required to know the procedures for emergency spill response. The ESCP will meet or exceed all Federal, State, and parish regulations currently in effect. Strict adherence to the provisions of the ESCP will be followed to ensure continued protection of public safety and the environment. The HASP will address the handling of on-site spills.

7 Dust and Odor Emissions

During excavation activities, depending on soil and weather conditions, there is potential to generate airborne dust and fugitive vapor emissions. Standard dust and fugitive vapor emission control measures will be followed during the ground-disturbing activities to comply with Occupational Safety and Health Administration (OSHA) rules and to accomplish the following goals:

- Reduce the potential for health impacts to workers.
- Reduce the potential for health impacts to neighbors.
- Prevent violations of ambient air quality standards.
- Minimize nuisance dust complaints from neighbors.
- Minimize the migration of contaminants adhered to fugitive dust particles outside the site.

7.1 Erosion, Dust, and Odor Control Measures

Once existing vegetation or surface pavements are stripped from the site where necessary, the exposed soil will become susceptible to erosion by wind and water. Therefore, erosion control measures and dust control measures will be in place before construction begins. Emission (dust) control measures will at a minimum comply with those established by OSHA for construction-related activities. Dust control measures will be based on BMPs and will be used throughout excavation activities and during site restoration activities following excavation, including the backfill and compaction of engineered fill at the site.

7.2 Construction Mitigation Measures

The following basic mitigation measures will be implemented in accordance with standard practices.

- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) will be watered two times per day.
- All haul trucks transporting soil, sand, or other loose material off-site will be covered.
- All visible mud or dirt track-out onto adjacent public roads will be removed.
- Idling times will be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes. Clear signage will be provided for construction workers at all access points.
- All equipment will be maintained and properly tuned in accordance with manufacturer specifications. All equipment will be checked by a certified mechanic and determined to be running in proper condition prior to operation.

7.3 Dust Suppression Measures

If dust is excessive, some or all of the following mitigation procedures may be implemented:

- Keep active work areas adjacent to residences damp at all times.
- Apply water or (non-toxic) soil stabilizers to unpaved access roads, parking areas, and staging areas.
- Sweep (with water sweepers) paved access roads, parking areas, and staging areas.
- Cover or otherwise stabilize exposed soil stockpiles.
- Suspend activities that cause visible dust plumes and odor to extend beyond the limits of the site.

7.4 Odor and Vapor Suppression Measures

By controlling the dust as described above, the emission of odor and vapors should be reduced to levels that likely will not pose a risk to the health of the public or site workers. The water spray used to control dust will also significantly reduce the emissions of any potential volatiles that may be present in the soil. The selective loading and transportation of impacted soils could minimize the use of soil stockpiling, further reducing potential emissions of volatiles. Stockpiles of impacted soil or exposed excavation left overnight at the site will be properly covered with plastic sheeting to minimize emissions of volatiles.

Other emissions include exhaust from heavy equipment. The equipment proposed for the site redevelopment will be maintained properly so that exhaust emissions will be within acceptable standards.

As deemed necessary, the following mitigation procedures may be implemented in the event of excessive odors:

- Chemical suppressants mixed with water will be applied using various applications such as spray or mist.
- Plastic sheeting will cover the sidewalls of the trench during non-active excavation activities to minimize the migration of VOCs and odors.
- Alternative work sequencing will be conducted such that excavation of soil with potential odor during mid-day or afternoon (during hot weather) will be avoided. Any highly odorous soil could be segregated and placed inside a roll-off bin equipped with a lid to minimize the amount of highly odorous soil during loading.
- Planned excavation and transportation activities will be balanced such that the need for large stockpiles is reduced.

7.5 Air Monitoring

To the extent feasible, the presence of airborne contaminants will be evaluated through the use of portable monitoring equipment. Information gathered will be used to ensure the adequacy of the levels of protection being employed at the site and may be used as the basis for upgrading or downgrading levels of personal protection at the discretion of the Site Health and Safety Officer. In addition, sampling equipment will be utilized to monitor for the potential off-site migration of contaminants (i.e., fence-line monitoring). Such monitoring will take into consideration and incorporate the off-site receptor type, wind direction, work tasks being performed, etc.

The following air-sampling equipment will be utilized for site monitoring will serving as the primary instruments for personal exposure monitoring. They will be utilized to fully characterize potential employee exposure and the need for equipment upgrades/ downgrades.

- Dust monitors (DataRAM™ pDR-1000AN Monitor).
- MiniRae™ Photoionization Detector.

8 Conclusion

On July 14 through 16, 2021, Arcadis collected composite soil samples from 20 locations corresponding to planned street and sidewalk improvements. Samples were analyzed for COCs and COPCs identified for the ASL Superfund site, conventional solid and hazardous waste COCs, and waste characterization parameters. Based on the analytical results, it is concluded that the soil excavated in the vicinities of Comp-4, Comp-5, and Comp-11 should be disposed of at a permitted solid waste facility and not be reused on-site. The procedures outlined in this Soil Management Plan should be followed to minimize risks to workers and residents and environmental exposures.

Tables

Table 1
Summary of Composite Soil Analytical Results
July 2021 Sampling Event
Soil Management Plan
Desire Neighborhood
New Orleans, Louisiana

	RECAP SS (mg/kg)			EPA Residential Soil RSL	Comp-01	Comp-02	Comp-03	Comp-04	Comp-05	Comp-06	Comp-07	Comp-08	Comp-09	Comp-10	Comp-11	Comp-12	Comp-13	Comp-14	Comp-15	Comp-16	Comp-17	Comp-18	Comp-19	Comp-20
Parameter/Method/Units	Soil$_{SSni}$	Soil$_{SSi}$	Soil$_{SSGW}$		7/14/2021	7/14/2021	7/14/2021	7/14/2021	7/14/2021	7/14/2021	7/14/2021	7/14/2021	7/15/2021	7/15/2021	7/15/2021	7/15/2021	7/15/2021	7/15/2021	7/15/2021	7/16/2021	7/16/2021	7/16/2021	7/16/2021	7/16/2021
Volatile Organic Compounds (8260)																								
1,1,1,2-Tetrachloroethane	2.75	5.92	0.046	2.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
1,1,1-Trichloroethane	81.90	703.14	3.976	810.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
1,1,2,2-Tetrachloroethane	0.81	1.99	0.006	0.600	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
1,1,2-Trichloroethane	1.90	4.29	0.058	0.150	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
1,1-Dichloroethane	65.53	466.33	7.526	3.600	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
1,1-Dichloroethene	13.28	90.92	0.085	23.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
1,2,4-Trichlorobenzene	65.77	1173.80	14.110	5.800	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
1,2-Dibromo-3-chloropropane	0.18	1.62	0.010	0.005	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
1,2-Dichloroethane	0.82	1.76	0.035	0.460	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
1,2-Dichloropropane	0.69	1.76	0.042	1.600	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
2-Butanone (MEK)	590.97	4351.30	4.993	2700.000	<0.0075	<0.0081	<0.010	<0.0097	<0.011	<0.010,R1	<0.010	<0.0090	<0.010	**0.024**	<0.0090	<0.012	<0.0083	<0.0084	<0.0091	<0.0098	<0.0094	<0.011	<0.011	<0.0095
4-Methyl-2-pentanone (MIBK)	446.19	3063.38	6.420	3300.000	<0.0075	<0.0081	<0.010	<0.0097	<0.011	<0.010,R1	<0.010	<0.0090	<0.010	<0.0090	<0.0090	<0.012	<0.0083	<0.0084	<0.0091	<0.0098	<0.0094	<0.011	<0.011	<0.0095
Acetone	174.27	1394.14	1.545	6100.000	**0.040**	**0.068**	**0.030**	**0.062**	<0.011	**0.011R1**	<0.010	<0.0090	**0.044**	**0.17**	**0.035**	**0.017**	**0.026**	**0.034**	**0.020**	**0.030**	**0.050**	**0.070**	**0.088**	**0.061**
Benzene	1.49	3.08	0.051	1.200	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	**0.0061**	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Bromodichloromethane	1.84	4.20	0.918	0.290	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Bromoform	47.96	175.09	1.761	19.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Bromomethane	0.43	2.98	0.040	0.680	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Carbon disulfide	36.27	250.70	10.548	77.000	**0.0066**	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Carbon tetrachloride	0.18	1.14	0.114	0.650	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Chlorobenzene	16.84	122.13	2.959	28.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Chloroethane	4.13	8.23	0.035	1400.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Chloroform	0.04	0.30	0.902	0.320	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Chloromethane	3.49	7.27	0.100	11.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Dibromochloromethane	2.15	5.43	1.009	8.300	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Ethylbenzene	163.67	232.50	19.241	5.800	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Isobutanol	733.48	6234.23	29.923	2300.000	<0.19	<0.20	<0.26	<0.24	<0.26	<0.26	<0.26	<0.22	<0.26	<0.22	<0.22	<0.31	<0.21	<0.21	<0.23	<0.24	<0.23	<0.26	<0.28	<0.24
Methyl-tert-butyl ether	654.22	4707.42	0.077	47.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Methylene Chloride	18.70	44.33	0.017	35.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Styrene	495.90	1737.67	11.199	600.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Tetrachloroethene	8.33	34.67	0.178	8.100	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Toluene	67.63	466.28	19.726	490.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Trichloroethene	0.10	0.21	0.073	0.410	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Trichlorofluoromethane	38.36	259.13	36.675	2300.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Vinyl chloride	0.24	0.79	0.013	0.059	<0.0015	<0.0016	<0.0021	<0.0019	<0.0021	<0.0021	<0.0020	<0.0018	<0.0021	<0.0018	<0.0018	<0.0025	<0.0017	<0.0017	<0.0018	<0.0020	<0.0019	<0.0021	<0.0023	<0.0019
cis-1,2-Dichloroethene	4.81	33.63	0.491	16.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
cis-1,3-Dichloropropene	NAV	NAV	NAV	NAV	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
m&p-Xylene	17.92	120.64	147.95	55.000	<0.0075	<0.0081	<0.010	<0.0097	<0.011	<0.010,R1	<0.010	<0.0090	<0.010	<0.0090	<0.0090	<0.012	<0.0083	<0.0084	<0.0091	<0.0098	<0.0094	<0.011	<0.011	<0.0095
o-Xylene	17.92	120.64	147.95	65.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
trans-1,2-Dichloroethene	6.91	47.67	0.769	7.000	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
trans-1,3-Dichloropropene	NAV	NAV	NAV	NAV	<0.0037	<0.0040	<0.0052	<0.0048	<0.0053	<0.0051,M1,R1	<0.0051	<0.0045	<0.0052	<0.0045	<0.0045	<0.0062	<0.0042	<0.0042	<0.0046	<0.0049	<0.0047	<0.0053	<0.0057	<0.0048
Semivolatile Organic Compounds (8270)																								
1,2,4,5-Tetrachlorobenzene	1.19	12.20	6.921	2.300	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
1,2-Dichlorobenzene	99.27	375.08	28.823	180.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
1,3-Dichlorobenzene	2.09	17.94	2.065	NAV	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
1,3-Dinitrobenzene	0.45	4.95	0.250	0.630	<0.81	<0.16	<0.16	<0.16	<0.81	<0.82	<0.16	<0.16	<0.16	<0.16	<0.82	<0.82	<0.81	<0.16	<0.82	<0.16	<0.16	<0.16	<0.82	<0.33
1,4-Dichlorobenzene	6.71	16.41	5.737	2.600	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2,2'-Oxybis(1-chloropropane)	4.92	16.67	0.800	310.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2,3,4,6-Tetrachlorophenol	143.63	1401.55	30.663	190.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2,4,5-Trichlorophenol	527.02	6552.66	318.799	630.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2,4,6-Trichlorophenol	39.71	173.27	1.307	6.300	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2,4-Dichlorophenol	15.85	197.57	11.704	19.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2,4-Dimethylphenol	93.41	1057.55	20.092	130.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2,4-Dinitropl Above detection limit.	7.12	69.14	1.700	13.000	<4.1	<0.82	<0.83	<0.82	<4.1	<4.1,M1	<0.81	<0.82	<0.82	<0.82	<4.1	<4.1	<4.1	<0.82	<4.1	<0.83	<0.83	<0.82	<4.1	<1.6,M1
2,4-Dinitrotoluene	8.94	98.29	1.016	1.700	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6,M1	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2,6-Dinitrotoluene	4.29	45.93	0.393	0.360	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6,M1	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2-Chloronaphthalene	502.03	8321.86	497.692	480.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2-Chlorophenol	15.35	144.69	1.400	39.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2-Methylnaphthalene	22.16	165.27	1.687	24.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
2-Nitroaniline	1.70	1.70	1.700	63.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
3&4-Chloroaniline	NAV	NAV	NAV	NAV	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
3,3'-Dichlorobenzidine	0.97	4.21	1.785	1.200	<3.3	<0.66	<0.66	<0.66	<3.3	<3.3	<0.65	<0.66	<0.66	<0.66	<3.3	<3.3	<3.3	<0.66	<3.3	<0.66	<0.67	<0.66	<3.3	<1.3
3-Nitroaniline	12.86	144.97	1.700	NAV	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
4-Nitroaniline	10.47	100.81	1.700	25.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Acenaphthene	373.65	6124.44	215.307	360.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Acenaphthylene	346.64	5140.53	88.415	NAV	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Aniline	2.42	16.67	0.065	44.000	<0.25,D3	<0.049	<0.050	<0.25,D3	<0.25,D3	<0.25,D3	<0.050	<0.049	<0.049	<0.050	<0.25,D3	<0.25,D3	<0.25,D3	<0.049	<0.49,D3	<0.050	<0.050	<0.049	<0.049	<0.049
Anthracene	2188.51	47808.42	121.243	1800.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Benzo(a)anthracene	0.62	2.87	334.768	1.100	<1.6	<0.33	<0.33	**0.90**	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Benzo(a)pyrene	0.33	0.33	23.233	0.110	<1.6	<0.33	<0.33	**1.4**	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Benzo(b)fluoranthene	0.62	2.87	221.179	1.100	<1.6	<0.33	**0.41**	**2.5**	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Benzo(k)fluoranthene	6.21	28.79	117.962	11.000	<1.6	<0.33	**0.46**	**2.8E**	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Biphenyl (Diphenyl)	231.78	231.78	187.812	4.700	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Butylbenzylphthalate	222.27	222.27	222.274	290.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65,M1
Chrysene	61.90	285.52	76.342	110.000	<1.6	<0.33	<0.33	**1.5**	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Di-n-octylphthalate	244.10	3514.21	9984.002	63.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6,R1	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65,M1
Dibenz(a,h)anthracene	0.33	0.33	536.462	0.110	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Dibenzofuran	29.32	151.60	23.776	7.800	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Diethylphthalate	666.07	666.07	359.806	5100.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Dimethylphthalate	1516.52	1516.52	1516.519	NAV	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6,M1	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Dinoseb	4.72	53.78	0.140	6.300	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700,R1	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700
Fluoranthene	224.43	2885.39	1213.030	240.000	<1.6	<0.33	**0.58**	**1.9**	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Fluorene	276.68	5407.22	225.505	240.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Hexachloro-1,3-butadiene	0.82	8.60	5.480	1.200	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Hexachlorobenzene	0.34	1.99	9.593	0.210	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Hexachlorocyclopentadiene	1.38	9.41	1199.003	0.180	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65,M1
Hexachloroethane	5.19	68.43	2.161	1.800	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Indeno(1,2,3-cd)pyrene	0.62	2.88	9.152	1.100	<1.6	<0.33	<0.33	**0.48**	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Isophorone	337.13	1109.98	0.564	570.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
N-Nitroso-di-n-propylamine	0.33	0.33	0.330	0.078	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
N-Nitrosodiphenylamine	90.46	401.95	2.128	110.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Naphthalene	6.20	42.60	1.452	2.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Nitrobenzene	2.19	25.04	0.330	5.100	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Pentachlorophenol	2.78	9.73	1.700	1.000	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Phenanthrene	2108.63	42533.41	664.569	NAV	<1.6	<0.33	<0.33	**0.54**	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
Phenol	1287.79	14532.15	10.805	1900.000	<1.6,D3	<0.33	<0.33	<0.32	<1.6,D3	<1.6,D3	<0.32	<0.33	<0.33	<0.33	<1.6,D3	<1.6,D3	<1.6,D3	<0.33	<1.6,D3	<0.33	<0.33	<0.33	<1.6,D3	<0.65,D3
Pyrene	229.16	5606.70	1100.816	180.000	<1.6	<0.33	**0.55**	**2.4**	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65,M1
bis(2-Chloroethyl) ether	0.33	1.08	0.330	0.230	<1.6	<0.33	<0.33	<0.32	<1.6	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	<0.33	<0.33	<0.33	<1.6	<0.65
bis(2-Ethylhexyl)phthalate	34.52	173.03	79.135	39.000	<1.6	<0.33	**0.49**	**64.2D4**	**8.4**	<1.6	<0.32	<0.33	<0.33	<0.33	<1.6	<1.6	<1.6	<0.33	<1.6	**0.38**	<0.33	<0.33	<1.6	<0.65,M1

Table 1
Summary of Composite Soil Analytical Results
July 2021 Sampling Event
Soil Management Plan
Desire Neighborhood
New Orleans, Louisiana

Parameter/Method/Units	RECAP SS (mg/kg) $Soil_{SSni}$	RECAP SS (mg/kg) $Soil_{SSi}$	RECAP SS (mg/kg) $Soil_{SSGW}$	EPA Residential Soil RSL	Comp-01 7/14/2021	Comp-02 7/14/2021	Comp-03 7/14/2021	Comp-04 7/14/2021	Comp-05 7/14/2021	Comp-06 7/14/2021	Comp-07 7/14/2021	Comp-08 7/14/2021	Comp-09 7/15/2021	Comp-10 7/15/2021	Comp-11 7/15/2021	Comp-12 7/15/2021	Comp-13 7/15/2021	Comp-14 7/15/2021	Comp-15 7/15/2021	Comp-16 7/16/2021	Comp-17 7/16/2021	Comp-18 7/16/2021	Comp-19 7/16/2021	Comp-20 7/16/2021
Metals (6010/7471)																								
Arsenic	11.50	11.50	100.00	0.680	**6.7**	**1.6**	**5.1**	**7.6**	**15.7**	**8.2**	**2.3**	**2.7**	**3.2**	**4.5**	**13.7**	**2.0**	**2.8**	**3.1**	**5.2**	**3.5**	**4.8**	**9.1**	**6.0**	**4.5**
Barium	547.50	14308.00	2000.00	1500.000	**165**	**30.0**	**135**	**167**	**267**	**183**	**45.4**	**66.3**	**58.0**	**114**	**268**	**65.7**	**68.5**	**90.7**	**83.2**	**94.1**	**101**	**170**	**299**	**153**
Cadmium	3.90	100.87	20.00	7.100	**1.9**	<0.34	**1.6**	**2.6**	**5.2**	**3.0**	<0.36	<0.47	**0.75**	**1.2**	**1.8**	**0.49**	**0.61**	**0.69**	**0.50**	**0.64**	**0.77**	**0.94**	**1.1**	**1.2**
Chromium	11732.14	306600.00	100.00	0.000	**19.8**	**5.4**	**17.4**	**23.0**	**38.5**	**19.5**	**6.6**	**9.0**	**9.6**	**12.6**	**17.2**	**6.8**	**7.4**	**8.6**	**7.8**	**8.8**	**11.3**	**16.9**	**18.2**	**13.9**
Lead	400.00	1400.00	100.00	400.000	**259**	**6.7**	**195**	**361**	**1320**	**265M1**	**8.4**	**7.2**	**99.4**	**159**	**352**	**40.4**	**68.2**	**88.7**	**46.7**	**62.6**	**84.3**	**46.8**	**137**	**141**
Selenium	39.11	1022.00	20.00	39.000	<1.5	<1.4	<1.4	<1.5	<2.8	<1.8	<1.4	<1.9	<1.9	<1.5	<1.9	<1.4	<1.3	<1.6	<1.6	<1.7	<1.8	<1.8	<1.9	<1.9
Silver	39.11	1022.00	100.00	39.000	<0.77	<0.68	<0.72	**0.80**	**1.9**	<0.91	<0.71	<0.94	<0.96	<0.74	<0.96	<0.68	<0.63	<0.79	<0.79	<0.85	<0.89	<0.91	<0.93	<0.96
Mercury (7471)	2.35	61.32	4.00	1.100	**0.29**	<0.014	**0.54**	**0.40**	**0.66**	**0.44M1**	<0.014	<0.016	**0.14**	**0.074**	**0.41**	**0.039**	**0.051**	**0.059**	**0.051**	**0.10**	**0.072**	**0.076**	**0.12**	**0.14**
Chlorinated herbicides (8151)																								
2,4,5-T	NAV	NAV	NAV	63.000	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700,R1	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700
2,4,5-TP (Silvex)	NAV	NAV	NAV	51.000	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700,R1	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700
2,4-D	NAV	NAV	NAV	70.000	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700,R1	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700
2,4-DB	NAV	NAV	NAV	190.000	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700,R1	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700
Dalapon	NAV	NAV	NAV	190.000	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700,R1	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700
Dicamba	NAV	NAV	NAV	190.000	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700,R1	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700
Dichloroprop	NAV	NAV	NAV	NAV	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700,R1	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700
Dinoseb	4.72	53.78	0.140	6.300	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700,R1	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700	<0.0700
MCPA	NAV	NAV	NAV	3.200	<6.50	<6.50	<6.50	<6.50	<6.50	<6.50,R1	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50	<6.50
MCPP	NAV	NAV	NAV	NAV	<6.50	<6.50	<6.50	<6.50	<6.50	<6.50	<6.50,L0	<6.50,L0	<6.50,L0,MH	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50,L0	<6.50	<6.50
Chlorinated biphenyls (8082)																								
PCB-1016 (Aroclor 1016)	0.11	0.90	18.52	0.410	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
PCB-1221 (Aroclor 1221)	0.11	0.90	18.52	0.200	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
PCB-1232 (Aroclor 1232)	0.11	0.90	18.52	0.170	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
PCB-1242 (Aroclor 1242)	0.11	0.90	18.52	0.230	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
PCB-1248 (Aroclor 1248)	0.11	0.90	18.52	0.230	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
PCB-1254 (Aroclor 1254)	0.11	0.90	18.52	0.120	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
PCB-1260 (Aroclor 1260)	0.11	0.90	18.52	0.240	**0.0247**	<0.0170	<0.0170	<0.0170	**0.0817**	<0.0170	<0.0170	<0.0170	<0.0170	**0.0234**	<0.0170	**0.0727**	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
Pesticides (8081)																								
4,4'-DDD	2.40	16.14	1.519	0.190	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	**0.359**	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
4,4'-DDE	1.69	11.42	2.022	2.000	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	**2.46**	<0.0200	<0.0200	**0.0480**	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
4,4'-DDT	1.71	11.87	24.384	1.900	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	**2.62**	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Aldrin	0.03	0.13	11.097	0.039	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Chlordane (Technical)	1.59	9.98	12.304	NAV	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Dieldrin	0.03	0.15	7.648	0.034	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Endosulfan I	NAV	NAV	NAV	NAV	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Endosulfan II	NAV	NAV	NAV	NAV	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Endosulfan sulfate	NAV	NAV	NAV	38.000	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Endrin	1.77	24.61	2.594	1.900	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Endrin aldehyde	NAV	NAV	NAV	NAV	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Endrin ketone	NAV	NAV	NAV	NAV	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Heptachlor	0.02	0.04	0.500	0.130	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Heptachlor epoxide	0.05	0.26	1.995	0.070	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Hexachlorobenzene	0.34	1.99	9.593	0.210	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Methoxychlor	30.12	427.32	383.709	32.000	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Toxaphene	0.44	2.19	34.460	0.490	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400
alpha-BHC	0.08	0.44	0.006	0.086	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
beta-BHC	0.29	1.62	0.016	0.300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
delta-BHC	NAV	NAV	NAV	NAV	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
gamma-BHC (Lindane)	0.39	2.05	0.033	0.570	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:
Shading indicates that a detection exceeds the limiting LDEQ Screening Standard.
Bold Above detection limit.

Abbreviations:
D3 Sample was diluted due to presence of high levels of non-target analytes or other matrix interference.
D4 Sample was diluted due to presence of high levels of target analytes.
E Analyte concentration exceeded calibration range. Reported result is estimated.
EPA United States Environmental Protection Agency.
L0 Analyte recovery in LCS was outside QC limits.
M1 Matrix spike recovery exceeded QC limits. Batch accepted based on LCS recovery.
MH Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
R1 Relative percent difference value was outside control limits.
LCS Laboratory control sample.
LDEQ Louisiana Department of Environmental Quality.
mg/kg Milligram per kilogram.
NAV Not available.
QC Quality control.
RECAP SS Risk Evaluation/Corrective Action Program Screening Standards.
$Soil_{SSGW}$ Screening standard for the soil concentration protective of groundwater meeting the definitions of Groundwater Classifications 1, 2, and 3.
$Soil_{SSi}$ Screening standard for the soil concentration protective of industrial/commercial land use.
$Soil_{SSni}$ Soil screening standard based on the protection of human health for for non-industrial land use.

Table 2
TCLP and Waste Characterization Analytical Results
July 2021 Sampling Event
Soil Management Plan
Desire Neighborhood
New Orleans, Louisiana

Parameter/Method/Units	Federal (RCRA-TCLP) Hazardous Waste Criteria[1]	Sample ID: Date:	Comp-01 7/14/2021	Comp-02 7/14/2021	Comp-03 7/14/2021	Comp-04 7/14/2021	Comp-05 7/14/2021	Comp-06 7/14/2021	Comp-07 7/14/2021	Comp-08 7/14/2021
TCLP Metals (6010C/7470A)										
Lead (mg/L)	5.0		NA	NA	NA	<0.2	<0.2	NA	NA	NA
General Chemistry										
Flashpoint (°F)	< 140°F		**>212**	**>212**	**>212**	**>212**	**>212**	**>212**	**>212**	**>212**
Paint Filter Liquid Test	Pass/Fail		**PASS**	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**	**FAIL**	**FAIL**
Reactivity										
Cyanide, Reactive (mg/kg)	250 mg HCN/kg waste		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0,M1	<25.0	<25.0
Sulfide, Reactive (mg/kg)	500 mg H2S/kg waste		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0

Notes:

[1]Regulatory limits for nonhazardous waste obtained from 40 CFR Part 261.

Shading indicates that a detection exceeds the Federal (RCRA-TCLP) Hazardous Waste Criteria Standard.

Bold Above detection limit.

Abbreviations:

°F	Degrees Fahrenheit.
CFR	Code of Federal Regulations.
mg/kg	Milligram per kilogram.
mg/L	Milligram per liter.
NA	Not Analyzed.
RCRA	Resource Conservation and Recovery Act.
TCLP	Toxicity Characteristic Leaching Procedure.

Table 2
TCLP and Waste Characterization Analytical Results
July 2021 Sampling Event
Soil Management Plan
Desire Neighborhood
New Orleans, Louisiana

Parameter/Method/Units	Federal (RCRA-TCLP) Hazardous Waste Criteria[(1)]	Sample ID: Date:	Comp-09 7/15/2021	Comp-10 7/15/2021	Comp-11 7/15/2021	Comp-12 7/15/2021	Comp-13 7/15/2021	Comp-14 7/15/2021	Comp-15 7/15/2021	Comp-16 7/16/2021
TCLP Metals (6010C/7470A)										
Lead (mg/L)	5.0		NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry										
Flashpoint (°F)	< 140°F		**>212**	**>212**	**>212**	**>212**	**>212**	**>212**	**>212**	**>212**
Paint Filter Liquid Test	Pass/Fail		**PASS**	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**
Reactivity										
Cyanide, Reactive (mg/kg)	250 mg HCN/kg waste		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Sulfide, Reactive (mg/kg)	500 mg H2S/kg waste		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0

Notes:

[(1)]Regulatory limits for nonhazardous waste obtained from 40 CFR Part 261.

Shading indicates that a detection exceeds the Federal (RCRA-TCLP) Hazardous Waste Criteria Standard.

Bold Above detection limit.

Abbreviations:

°F	Degrees Fahrenheit.
CFR	Code of Federal Regulations.
mg/kg	Milligram per kilogram.
mg/L	Milligram per liter.
NA	Not Analyzed.
RCRA	Resource Conservation and Recovery Act.
TCLP	Toxicity Characteristic Leaching Procedure.

Table 2
TCLP and Waste Characterization Analytical Results
July 2021 Sampling Event
Soil Management Plan
Desire Neighborhood
New Orleans, Louisiana

Parameter/Method/Units	Federal (RCRA-TCLP) Hazardous Waste Criteria[1]	Sample ID: Date:	Comp-17 7/16/2021	Comp-18 7/16/2021	Comp-19 7/16/2021	Comp-20 7/16/2021
TCLP Metals (6010C/7470A)						
Lead (mg/L)	5.0		NA	NA	NA	NA
General Chemistry						
Flashpoint (°F)	< 140°F		**>212**	**>212**	**>212**	**>212**
Paint Filter Liquid Test	Pass/Fail		**PASS**	**PASS**	**PASS**	**PASS**
Reactivity						
Cyanide, Reactive (mg/kg)	250 mg HCN/kg waste		<25.0	<25.0	<25.0	<25.0
Sulfide, Reactive (mg/kg)	500 mg H2S/kg waste		<50.0	<50.0	<50.0	<50.0

Notes:

[1]Regulatory limits for nonhazardous waste obtained from 40 CFR Part 261.

Shading indicates that a detection exceeds the Federal (RCRA-TCLP) Hazardous Waste Criteria Standard.

Bold Above detection limit.

Abbreviations:

°F	Degrees Fahrenheit.
CFR	Code of Federal Regulations.
mg/kg	Milligram per kilogram.
mg/L	Milligram per liter.
NA	Not Analyzed.
RCRA	Resource Conservation and Recovery Act.
TCLP	Toxicity Characteristic Leaching Procedure.

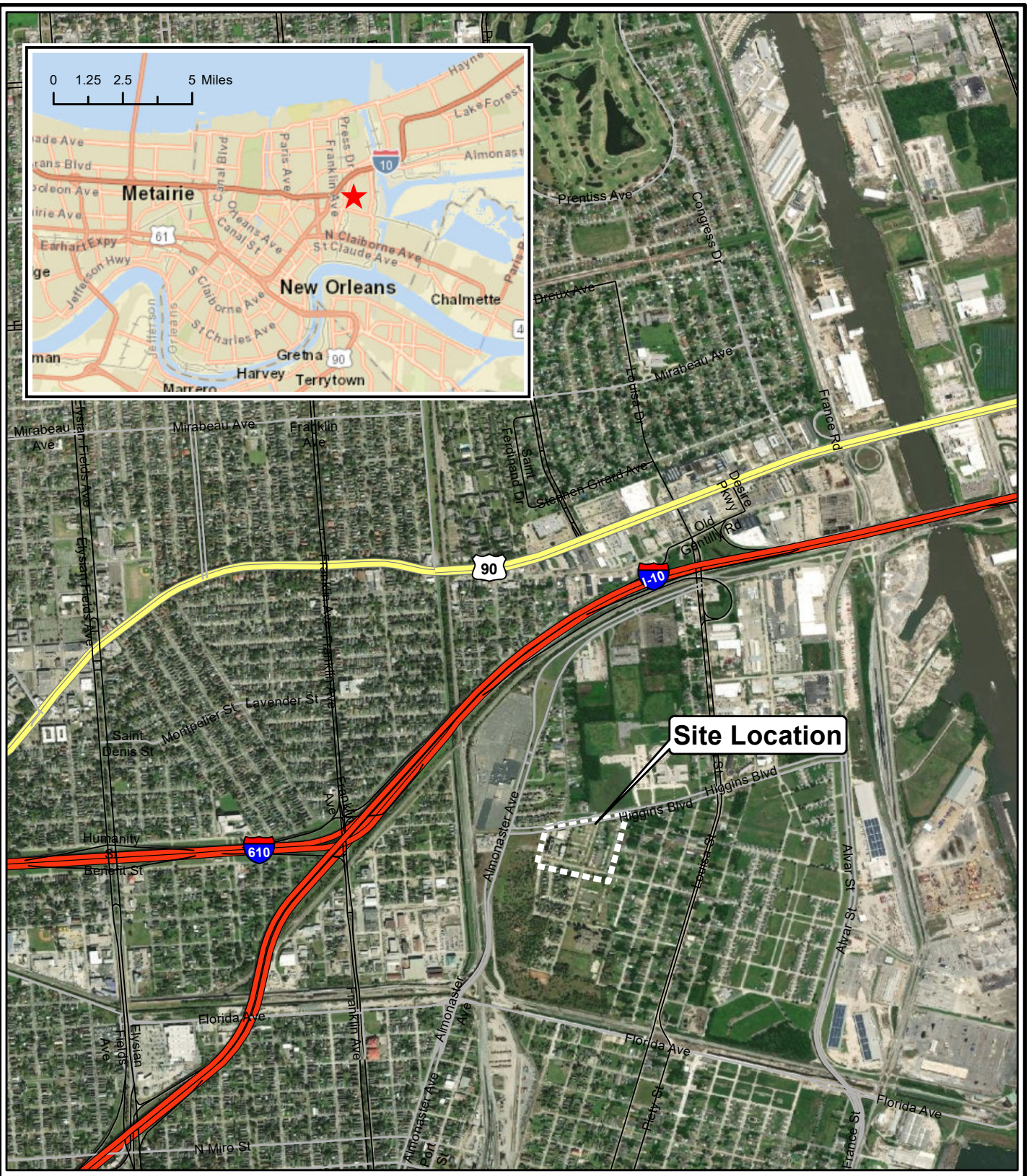
Table 3
Hazardous Waste Toxicity Criteria, Total Concentration TCLP Extrapolation
July 2021 Sampling Event
Soil Management Plan
Desire Neighborhood
New Orleans, Louisiana

Parameter/Method/Units	Federal (RCRA -TCLP Hazardous Waste Criteria [1] mg/L	Comp-01 7/14/2021	Comp-02 7/14/2021	Comp-03 7/14/2021	Comp-04 7/14/2021	Comp-05 7/14/2021	Comp-06 7/14/2021	Comp-07 7/14/2021	Comp-08 7/14/2021	Comp-09 7/15/2021	Comp-10 7/15/2021	Comp-11 7/15/2021	Comp-12 7/15/2021	Comp-13 7/15/2021	Comp-14 7/15/2021	Comp-15 7/15/2021	Comp-16 7/16/2021	Comp-17 7/16/2021	Comp-18 7/16/2021	Comp-19 7/16/2021	Comp-20 7/16/2021
Volatile Organic Compounds (8260)																					
1,1-Dichloroethene	0.7	0.000185	0.0002	0.00026	0.00024	0.000265	0.000255	0.000255	0.000225	0.00026	0.000225	0.000225	0.00031	0.00021	0.00021	0.00023	0.000245	0.000235	0.000265	0.000285	0.00024
1,2-Dichloroethane	0.5	0.000185	0.0002	0.00026	0.00024	0.000265	0.000255	0.000255	0.000225	0.00026	0.000225	0.000225	0.00031	0.00021	0.00021	0.00023	0.000245	0.000235	0.000265	0.000285	0.00024
2-Butanone (MEK)	200	0.000375	0.000405	0.0005	0.000485	0.00055	0.0005	0.0005	0.00045	0.0005	0.0012	0.00045	0.0006	0.000415	0.00042	0.000455	0.00049	0.00047	0.00055	0.00055	0.000475
Benzene	0.5	0.000185	0.0002	0.00026	0.00024	0.000265	0.000255	0.000255	0.000225	0.00026	0.000225	0.000225	0.00031	0.00021	0.000305	0.00023	0.000245	0.000235	0.000265	0.000285	0.00024
Carbon tetrachloride	0.5	0.000185	0.0002	0.00026	0.00024	0.000265	0.000255	0.000255	0.000225	0.00026	0.000225	0.000225	0.00031	0.00021	0.00021	0.00023	0.000245	0.000235	0.000265	0.000285	0.00024
Chlorobenzene	100	0.000185	0.0002	0.00026	0.00024	0.000265	0.000255	0.000255	0.000225	0.00026	0.000225	0.000225	0.00031	0.00021	0.00021	0.00023	0.000245	0.000235	0.000265	0.000285	0.00024
Chloroform	6	0.000185	0.0002	0.00026	0.00024	0.000265	0.000255	0.000255	0.000225	0.00026	0.000225	0.000225	0.00031	0.00021	0.00021	0.00023	0.000245	0.000235	0.000265	0.000285	0.00024
Tetrachloroethene	0.5	0.000185	0.0002	0.00026	0.00024	0.000265	0.000255	0.000255	0.000225	0.00026	0.000225	0.000225	0.00031	0.00021	0.00021	0.00023	0.000245	0.000235	0.000265	0.000285	0.00024
Trichloroethene	0.5	0.000185	0.0002	0.00026	0.00024	0.000265	0.000255	0.000255	0.000225	0.00026	0.000225	0.000225	0.00031	0.00021	0.00021	0.00023	0.000245	0.000235	0.000265	0.000285	0.00024
Vinyl chloride	0.2	0.000075	0.00008	0.000105	0.000095	0.000105	0.000105	0.0001	0.00009	0.000105	0.00009	0.00009	0.000125	0.000085	0.000085	0.00009	0.0001	0.000095	0.000105	0.000115	0.000095
Semivolatile Organic Compounds (8270)																					
1,4-Dichlorobenzene	7.5	0.08	0.0165	0.0165	0.016	0.08	0.08	0.016	0.0165	0.0165	0.0165	0.08	0.08	0.08	0.0165	0.08	0.0165	0.0165	0.0165	0.08	0.0325
2,4,5-Trichlorophenol	400	0.08	0.0165	0.0165	0.016	0.08	0.08	0.016	0.0165	0.0165	0.0165	0.08	0.08	0.08	0.0165	0.08	0.0165	0.0165	0.0165	0.08	0.0325
2,4,6-Trichlorophenol	2	0.08	0.0165	0.0165	0.016	0.08	0.08	0.016	0.0165	0.0165	0.0165	0.08	0.08	0.08	0.0165	0.08	0.0165	0.0165	0.0165	0.08	0.0325
2,4-Dinitrotoluene	0.13	0.08	0.0165	0.0165	0.016	0.08	0.08	0.016	0.0165	0.0165	0.0165	0.08	0.08	0.08	0.0165	0.08	0.0165	0.0165	0.0165	0.08	0.0325
Hexachloro-1,3-butadiene	0.5	0.08	0.0165	0.0165	0.016	0.08	0.08	0.016	0.0165	0.0165	0.0165	0.08	0.08	0.08	0.0165	0.08	0.0165	0.0165	0.0165	0.08	0.0325
Hexachlorobenzene	0.13	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Hexachloroethane	3	0.08	0.0165	0.0165	0.016	0.08	0.08	0.016	0.0165	0.0165	0.0165	0.08	0.08	0.08	0.0165	0.08	0.0165	0.0165	0.0165	0.08	0.0325
Nitrobenzene	2	0.08	0.0165	0.0165	0.016	0.08	0.08	0.016	0.0165	0.0165	0.0165	0.08	0.08	0.08	0.0165	0.08	0.0165	0.0165	0.0165	0.08	0.0325
Pentachlorophenol	100	0.08	0.0165	0.0165	0.016	0.08	0.08	0.016	0.0165	0.0165	0.0165	0.08	0.08	0.08	0.0165	0.08	0.0165	0.0165	0.0165	0.08	0.0325
Metals (6010/7471)																					
Arsenic	5	0.335	0.08	0.255	0.38	0.785	0.41	0.115	0.135	0.16	0.225	0.685	0.1	0.14	0.155	0.26	0.175	0.24	0.455	0.3	0.225
Barium	100	8.25	1.5	6.75	8.35	13.35	9.15	2.27	3.315	2.9	5.7	13.4	3.285	3.425	4.535	4.16	4.705	5.05	8.5	14.95	7.65
Cadmium	1	0.095	0.017	0.08	0.13	0.26	0.15	0.018	0.0235	0.0375	0.06	0.09	0.0245	0.0305	0.0345	0.025	0.032	0.0385	0.047	0.055	0.06
Chromium	5	0.99	0.27	0.87	1.15	1.925	0.975	0.33	0.45	0.48	0.63	0.86	0.34	0.37	0.43	0.39	0.44	0.565	0.845	0.91	0.695
Lead	5	12.95	0.335	9.75	18.05	66	13.25	0.42	0.36	4.97	7.95	17.6	2.02	3.41	4.435	2.335	3.13	4.215	2.34	6.85	7.05
Selenium	1	0.075	0.07	0.07	0.075	0.14	0.09	0.07	0.095	0.095	0.075	0.095	0.07	0.065	0.08	0.08	0.085	0.09	0.09	1	0.095
Silver	5	0.0385	0.034	0.036	0.04	0.095	0.0455	0.0355	0.047	0.048	0.037	0.048	0.034	0.0315	0.0395	0.0395	0.0425	0.0445	0.0455	0.0465	0.048
Mercury (7471)	0.2	0.0145	0.0007	0.027	0.02	0.033	0.022	0.0007	0.0008	0.007	0.0037	0.0205	0.00195	0.00255	0.00295	0.00255	0.005	0.0036	0.0038	0.006	0.007
Chlorinated herbicides (8151)																					
2,4,5-TP (Silvex)	1	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
2,4-D	10	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
Pesticides (8081)																					
Chlordane (Technical)	0.03	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Endrin	0.02	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Heptachlor	0.008	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Heptachlor epoxide	0.008	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Hexachlorobenzene	0.13	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Methoxychlor	10	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Toxaphene	0.5	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
gamma-BHC (Lindane)	0.4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Notes:
All sample results for Comp-01 through Comp-20 have been converted for comparison to the TCLP criteria by dividing the result by 20. Detection limits were used for non-detect results.
[1]Regulatory Limits for nonhazardous waste obtained from 40 CFR Part 261.
Shading indicates that a concentration exceeds the TCLP/20 rule.

Abbreviations:
mg/L Milligram per liter.
CFR Code of Federal Regulations.
RCRA Resource Conservation and Recovery Act.
TCLP Toxicity Characteristic Leaching Procedure.

Figures



Service Layer Credits: Source: Esri, Maxar, 2/22/2020

0 2,000 4,000 Feet

GRAPHIC SCALE

City of New Orleans – Dept. of Public Works

RR029 Desire Neighborhood Paving Project

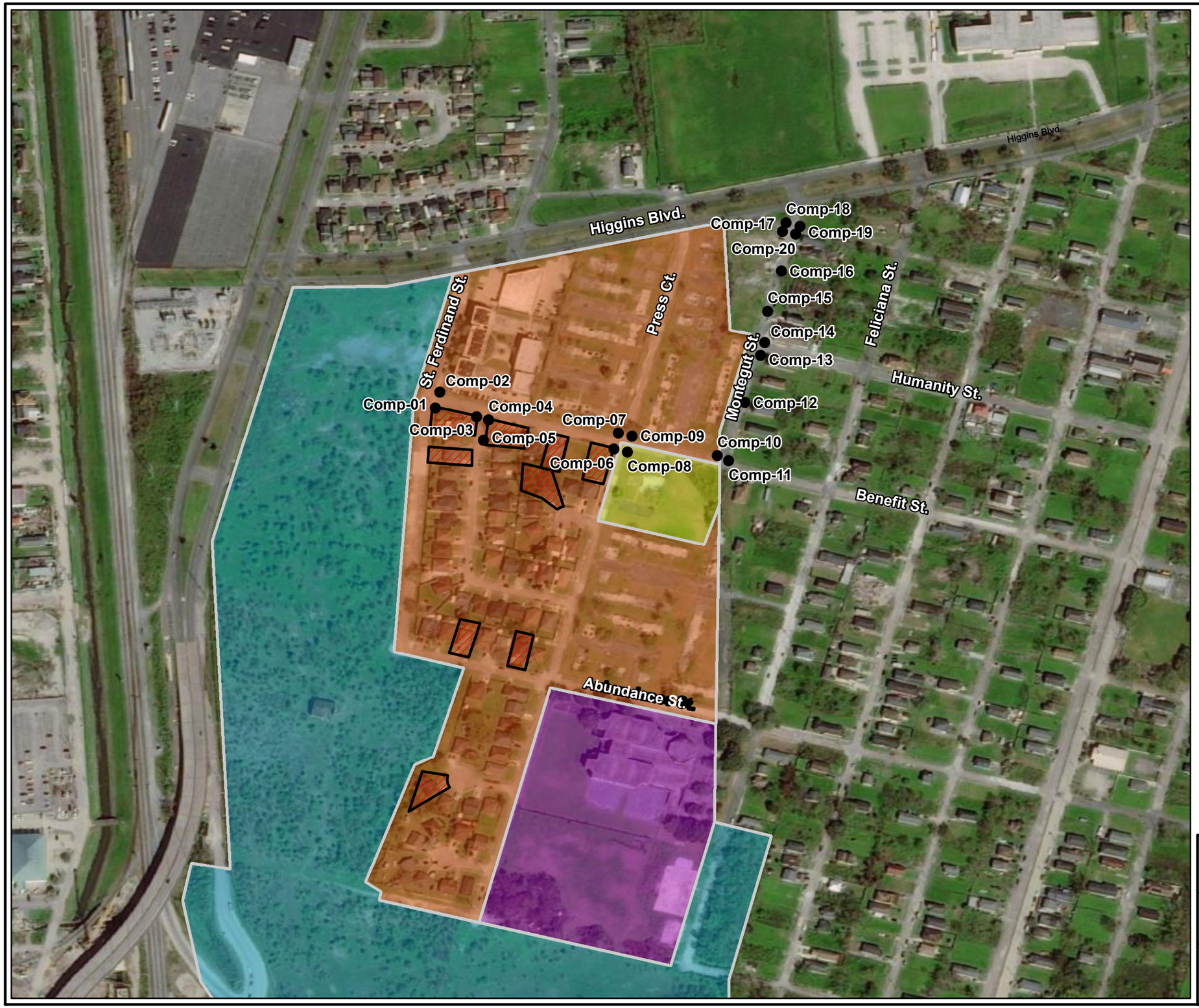
Site Location Map

August 2021

ARCADIS

FIGURE 1

City: Houston Div/Group: Remediation West -Air Group Created By: W Berry Last Saved By: wberry ; Client (Project #)
D:_Arcadis\Land Services\CoNO\GIS\CoNO_Desire_Fig1.mxd 8/11/2021 10:21:26 AM



0 200 400 Feet

GRAPHIC SCALE

LEGEND:

- Composite Soil Sample Location
- Corrective Action Not Performed

Operable Unit

- OU-1
- OU-2
- OU-3
- OU-4

Service Layer Credits: Source: Esri, Maxar, 2/22/2020

City of New Orleans – Dept. of Public Works

RR029 Desire Neighborhood Paving Project

Soil Analytical Data Map

August 2021

ARCADIS

FIGURE 2

City: Houston Div/Group: Remediation West -Atr Group Created By: W Berry Last Saved By: wberry ; Client (Project #)
D:_Arcadis\Land Services\CoNO\GIS\CoNO_Desire_Fig2.mxd 8/24/2021 1:48:36 PM

Appendix A

Soil Sampling Logs

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: _____

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-01 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 0840 ENDING: 0850

WEATHER: Partly Cldy, warm, humid

SITE DESCRIPTION: Residential Corner Benefit / St. Ferdinand

SAMPLING DATA

COLLECTION METHOD: HAND Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: Dk brown ODOR: NONE

DESCRIPTION: SANDY SILT w/ some clay, gravel, roots

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 RECAP	TERRACORE KIT
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.) N/A

REMARKS: _____

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-14-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-02 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 0930 ENDING: 0946

WEATHER: partly cloudy humid, warm.

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: low

COLOR: dark brown ODOR: None

DESCRIPTION: Silty Sand / Sandy Silt, fine grain, roots

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore R.T
8270 SVOC	4oz jar
RCRA metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-14-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-03 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1030 ENDING: 1053

WEATHER: partly Cldy, warm, humid, lt breeze

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2' MOISTURE CONTENT: low

COLOR: dark brown ODOR: None

DESCRIPTION: SiSA | SASi - rootlets, v. fine, soft,

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 RCRAP	TERRACORE KIT
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS: Encountered plastic (orange) & Cloth at 1'6"s

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-14-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-04 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1130 ENDING: 1140

WEATHER: Partly Cldy, warm, humid

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: Dark brown ODOR: ~~None~~ (7/14/21) None

DESCRIPTION: SAS/SISA - dark brown, loose, some glass fragments

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore R.T
8270 SVOC	4oz jar
RCRA metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-14-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-05 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1325 ENDING: 1335

WEATHER: Cldy, breezy, humid

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: dk brown, some gry ODOR: None

DESCRIPTION: SISA/SASI - loose. some glass debris, v. fine, rootlets

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore kit
8270 SVOC	4oz jar
RCRA metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW - DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-14-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-06 CODED/REPLICATE NO.: ~~NA~~ MS/MSD

TIME SAMPLING BEGAN: 1430 ENDING: 1445

WEATHER: partly Cldy & breezy, Warm,

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: Gray brown ODOR: None

DESCRIPTION: SISA/SASI - loose, fine dry/fair, roots- some glass fragments Trace of Clay

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 RCRAP	TERRACORE KIT
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS: Collected ms/msd here.

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 3/14/21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-07 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1510 ENDING: 1520

WEATHER: mostly cldy, breezy, humid

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: ~~dark~~ brown/gray ODOR: None

DESCRIPTION: SISA/SASI - v. fine to fine, loose, roots; trace of clay

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore R.T
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW - DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-14-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-06 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1550 ENDING: 1600

WEATHER: partly cldy, Warm, Strong, humid

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: brown ODOR: None

DESCRIPTION: SAND/SILTY - loose, nodules, v. fine,

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 RECAP	TERRACORE KIT
8270 SVOC	4oz jar
RCRA metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-15-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-09 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 0845 ENDING: 0855

WEATHER: partly cldy, warm, calm.

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: HAND Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: Lt brown ODOR: None

DESCRIPTION: SISA/~~SA SI~~ 7/15/21 - loose, v. fin, rootlets

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore Kit
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-15-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-10 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 0931 ENDING: 0947

WEATHER: Partly cldy, warm, humid

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: dry

COLOR: dark brown, black ODOR: none

DESCRIPTION: SISA - fine to med. fine, some clay, roots.

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore R.T
8270 SVOC	4oz jar
RCRA metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-15-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp - 11 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1023 ENDING: 1033

WEATHER: partly cldy, V. warm, humid, light breeze

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Slight

COLOR: dark brown / black ODOR: none

DESCRIPTION: SISA/SASI w/ clay, shell fragments, roots/wds

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore Kit
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7/15/21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-12 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1150 ENDING: 1200

WEATHER:

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: ~~moist~~ Slight top, moist at 1-2'

COLOR: dark brown, some black at top; below to 2' [illegible], gray to dark gray ODOR: NO

DESCRIPTION: Si SA/SAS w/clay, ~~[illegible]~~, some rootlets, other nat. organs

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 RECAP	Terracore Kit
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-15-24

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-13 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1439 ENDING: 1449

WEATHER: Overcast, Rain, Calm

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: HAND AUGER - COMPOSITE

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: dark brown ODOR: None

DESCRIPTION: SILT - gray brown, fine to v. fine to 1.5'; silt - gray soft mod. plastic below ... shells

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 RECAP	TERRACORE KIT
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-15-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-14 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1525 ENDING: 1535

WEATHER: Light Rain, overcast & humid

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: HAND AUGER - COMPOSITE

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: gray brown / dark gray ODOR: None

DESCRIPTION: 0-15 SA - loose, v. fine grained top; SiCL - w/ shell fragments, moist, soft, rootlets

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 RECAP	TERRACORE KIT
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-Desire Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-15-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp- 15 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1610 ENDING: 1620

WEATHER: lt rain, humid overcast

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: low

COLOR: dark brown, black, gry ODOR: none

DESCRIPTION: SISA- loose, fine to v. fine, SICL w/ gravel, shells, soft clay

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore kit
8270 SVOC	4oz jar
RCRA metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7/16/21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-16 CODED/REPLICATE NO.: ~~NA~~

TIME SAMPLING BEGAN: 0830 ENDING: 0840

WEATHER: overcast, v. humid, 80°F calm

SITE DESCRIPTION: Wooded

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: red brown ODOR: None

DESCRIPTION: SISA - loose, v. fine, roots, occ. gravel.

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore R.T
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-16-24

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-17 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 0925 ENDING: 0935

WEATHER: humid, v. warm, clds.

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: Dark brown gray ODOR: No

DESCRIPTION: SiSA - v. fine, loose, rootlets to 1'6"; ST CLAY to 2' mod. stiff mod. plastic some shells

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore Kit
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-16-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-18 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1003 ENDING: 1013

WEATHER: Cldy, v. humid, warm, calm

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: low

COLOR: gray, dk gray ODOR: None

DESCRIPTION: Clay - stiff, rootlets, some plastic, some shells and Refuse

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 RECAP	TERRACORE KIT
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-16-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-4 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1054 ENDING: 1104

WEATHER: cldy, v. humid, warm

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: 0-2 MOISTURE CONTENT: Low

COLOR: Gray & browns w/gravel & shell ODOR: Non

DESCRIPTION: Organic Rich Clay at top; SI Clay - Gray, stiff, some shells roots

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 Recap	Terracore R.T
8270 SVOC	4oz jar
RCRA Metals	4oz jar
8081 Pest./PCBs	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS:

SAMPLING PERSONNEL: K. Montgomery

ARCADIS

SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: City of N.O. DPW-DESIRE Soil Sampling Event

PROJECT NUMBER: 30058527.03 DATE: 7-16-21

SITE LOCATION: Desire Neighborhood (Group D)

SAMPLE ID NUMBER: Comp-20 CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: 1130 ENDING: 1140

WEATHER: cl/dy, warm, v. hum-d

SITE DESCRIPTION: Residential

SAMPLING DATA

COLLECTION METHOD: Hand Auger - Composite

DEPTH: ~~0-2~~ (7/16/21) 0-0.50' MOISTURE CONTENT: Low

COLOR: Brown/gray ODOR: None

DESCRIPTION: SISA ~~to CLS~~ (7/16/21), v. fine, loose, trace of clay, Redbirch, Shells, some glass

ANALYSES REQUIRED	CONTAINER DESCRIPTION FROM LAB: X OR ARCADIS:
8260 RECAP	TERRACORE R.T
8270 SVOC	4oz jar
~~RCRA Metals~~	4oz jar
~~8081 Pest./PCBs~~	8oz jar
8151 Herbicides	4oz jar
RCI + Paint Filter Liquids	8oz jar
TCLP-Metals (HOLD)	8oz jar (HOLD)

SAMPLING MONITORING (TIP, OVA, HNU, etc.)

REMARKS: Hit Refusal at 1 of locations at 0-5'bgs

SAMPLING PERSONNEL: K. Montgomery

Appendix B

Laboratory Analytical Reports

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

August 12, 2021

George Cook
Arcadis

,

RE: Project: Desire 30058527.03.1
Pace Project No.: 20214666

Dear George Cook:

Enclosed are the analytical results for sample(s) received by the laboratory on July 15, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - New Orleans

08/09/2021 - This is a revised report to add TCLP Pb to samples -004 and -006.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Clay Ledet
clay.ledet@pacelabs.com
(504)469-0333
Project Manager

Enclosures

cc: Brooke Fontenot, Arcadis
Caleb Fontenot, Arcadis

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

CERTIFICATIONS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Pace Analytical Services New Orleans

Florida Department of Health (NELAC): E87595
Illinois Environmental Protection Agency: 0025721
Kansas Department of Health and Environment (NELAC): E-10266
Louisiana Dept. of Environmental Quality (NELAC/LELAP): 02006
Texas Commission on Env. Quality (NELAC): T104704405-09-TX
U.S. Dept. of Agriculture Foreign Soil Import: P330-10-00119

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services, LLC
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SAMPLE SUMMARY

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20214666001	**Comp-01**	Solid	07/14/21 08:40	07/15/21 06:30
20214666002	**Comp-02**	Solid	07/14/21 09:30	07/15/21 06:30
20214666003	**Comp-03**	Solid	07/14/21 10:48	07/15/21 06:30
20214666004	**Comp-04**	Solid	07/14/21 11:30	07/15/21 06:30
20214666005	**TB-01 (071421)**	Water	07/14/21 00:00	07/15/21 06:30
20214666006	**Comp-05**	Solid	07/14/21 13:25	07/15/21 06:30
20214666007	**Comp-06**	Solid	07/14/21 14:30	07/15/21 06:30
20214666008	**Comp-07**	Solid	07/14/21 15:10	07/15/21 06:30
20214666009	**Comp-08**	Solid	07/14/21 15:50	07/15/21 06:30
20214666010	**TB-02 (071421)**	Water	07/14/21 00:00	07/15/21 06:30

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
20214666001	**Comp-01**	EPA 8081	AO	23	PAN
		EPA 8082	ADF	9	PAN
		EPA 8151	SSH	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	DWR	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214666002	**Comp-02**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214666003	**Comp-03**	EPA 8081	AO	23	PAN
		EPA 8082	ADF	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214666004	**Comp-04**	EPA 8081	AO	23	PAN

Pace Analytical Services, LLC
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(504)469-0333

SAMPLE ANALYTE COUNT

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 6010	AJS	1	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214666005	**TB-01 (071421)**	EPA 5030B/8260	GEM	43	PASI-N
20214666006	**Comp-05**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 6010	AJS	1	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214666007	**Comp-06**	EPA 8081	AO	23	PAN
		EPA 8082	ADF	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N

Pace Analytical Services, LLC
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(504)469-0333

SAMPLE ANALYTE COUNT

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SW-846 7.3.3.2	ABW	1	PASI-N
20214666008	**Comp-07**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214666009	**Comp-08**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214666010	**TB-02 (071421)**	EPA 5030B/8260	GEM	43	PASI-N

PAN = Pace National - Mt. Juliet
PASI-N = Pace Analytical Services - New Orleans

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-01 **Lab ID: 20214666001** Collected: 07/14/21 08:40 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 14:47	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 14:47	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 14:47	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	74.3	%	10.0-135	1	07/24/21 09:46	07/25/21 14:47	2051-24-3	
Tetrachloro-m-xylene (S)	69.5	%	10.0-139	1	07/24/21 09:46	07/25/21 14:47	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 14:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 14:38	11097-69-1	
PCB-1260 (Aroclor 1260)	**0.0247**	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 14:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74.7	%	10.0-135	1	07/24/21 09:46	07/25/21 14:38	2051-24-3	
Tetrachloro-m-xylene (S)	68.0	%	10.0-139	1	07/24/21 09:46	07/25/21 14:38	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/21/21 08:36	07/22/21 23:38	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/21/21 08:36	07/22/21 23:38	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/21/21 08:36	07/22/21 23:38	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/21/21 08:36	07/22/21 23:38	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/21/21 08:36	07/22/21 23:38	15165-67-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-01 **Lab ID: 20214666001** Collected: 07/14/21 08:40 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
Dinoseb	ND	mg/kg	0.0700	1	07/21/21 08:36	07/22/21 23:38	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/21/21 08:36	07/22/21 23:38	94-74-6	
MCPP	ND	mg/kg	6.50	1	07/21/21 08:36	07/22/21 23:38	7085-19-0	
2,4,5-T	ND	mg/kg	0.0700	1	07/21/21 08:36	07/22/21 23:38	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/21/21 08:36	07/22/21 23:38	93-72-1	
Surrogates								
2,4-DCAA (S)	42.1	%	22.0-132	1	07/21/21 08:36	07/22/21 23:38	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**6.7**	mg/kg	0.77	1	07/16/21 09:05	07/19/21 12:23	7440-38-2	
Barium	**165**	mg/kg	15.4	1	07/16/21 09:05	07/19/21 12:23	7440-39-3	
Cadmium	**1.9**	mg/kg	0.38	1	07/16/21 09:05	07/19/21 12:23	7440-43-9	
Chromium	**19.8**	mg/kg	0.77	1	07/16/21 09:05	07/19/21 12:23	7440-47-3	
Lead	**259**	mg/kg	0.38	1	07/16/21 09:05	07/19/21 12:23	7439-92-1	
Selenium	ND	mg/kg	1.5	1	07/16/21 09:05	07/19/21 12:23	7782-49-2	
Silver	ND	mg/kg	0.77	1	07/16/21 09:05	07/19/21 12:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.29**	mg/kg	0.019	1	07/16/21 09:25	07/16/21 13:03	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.25	5	07/16/21 05:47	07/20/21 20:43	62-53-3	D3
Dinoseb	ND	mg/kg	0.49	5	07/16/21 05:47	07/20/21 20:43	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	72	%.	10-150	5	07/16/21 05:47	07/20/21 20:43	321-60-8	
Terphenyl-d14 (S)	73	%.	10-147	5	07/16/21 05:47	07/20/21 20:43	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	83-32-9	
Acenaphthylene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	208-96-8	
Anthracene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	120-12-7	
Benzo(a)anthracene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	56-55-3	
Benzo(a)pyrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	92-52-4	
Butylbenzylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	85-68-7	
3&4-Chloroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04		
bis(2-Chloroethyl) ether	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	111-44-4	
2-Chloronaphthalene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	91-58-7	
2-Chlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	95-57-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-01 **Lab ID: 20214666001** Collected: 07/14/21 08:40 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Chrysene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	53-70-3	
Dibenzofuran	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	3.3	5	07/16/21 04:49	07/21/21 17:04	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	120-83-2	
Diethylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	105-67-9	
Dimethylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.81	5	07/16/21 04:49	07/21/21 17:04	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	4.1	5	07/16/21 04:49	07/21/21 17:04	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	606-20-2	
Di-n-octylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	117-81-7	
Fluoranthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	206-44-0	
Fluorene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	87-68-3	
Hexachlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	77-47-4	
Hexachloroethane	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	193-39-5	
Isophorone	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	78-59-1	
2-Methylnaphthalene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	91-57-6	
Naphthalene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	91-20-3	
2-Nitroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	88-74-4	
3-Nitroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	99-09-2	
4-Nitroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	100-01-6	
Nitrobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	98-95-3	
4-Nitrophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	108-60-1	
Pentachlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	87-86-5	
Phenanthrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	85-01-8	
Phenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	108-95-2	D3
Pyrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:04	88-06-2	
Surrogates								
Terphenyl-d14 (S)	81	%.	10-145	5	07/16/21 04:49	07/21/21 17:04	1718-51-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-01 **Lab ID: 20214666001** Collected: 07/14/21 08:40 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Surrogates								
2,4,6-Tribromophenol (S)	71	%.	10-138	5	07/16/21 04:49	07/21/21 17:04	118-79-6	
2-Fluorophenol (S)	73	%.	10-129	5	07/16/21 04:49	07/21/21 17:04	367-12-4	
Phenol-d6 (S)	71	%.	10-128	5	07/16/21 04:49	07/21/21 17:04	13127-88-3	
Nitrobenzene-d5 (S)	75	%.	10-144	5	07/16/21 04:49	07/21/21 17:04	4165-60-0	
2-Fluorobiphenyl (S)	67	%.	10-129	5	07/16/21 04:49	07/21/21 17:04	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.040**	mg/kg	0.0075	1	07/21/21 13:35	07/21/21 17:35	67-64-1	
Benzene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	75-27-4	
Bromoform	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	75-25-2	
Bromomethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0075	1	07/21/21 13:35	07/21/21 17:35	78-93-3	
Carbon disulfide	**0.0066**	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	56-23-5	
Chlorobenzene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	108-90-7	
Chloroethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	75-00-3	
Chloroform	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	67-66-3	
Chloromethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	100-41-4	
Isobutanol	ND	mg/kg	0.19	1	07/21/21 13:35	07/21/21 17:35	78-83-1	
Methylene Chloride	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0075	1	07/21/21 13:35	07/21/21 17:35	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	1634-04-4	
Styrene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	127-18-4	
Toluene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	79-00-5	
Trichloroethene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	79-01-6	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-01 **Lab ID: 20214666001** Collected: 07/14/21 08:40 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Trichlorofluoromethane	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	75-69-4	
Vinyl chloride	ND	mg/kg	0.0015	1	07/21/21 13:35	07/21/21 17:35	75-01-4	
m&p-Xylene	ND	mg/kg	0.0075	1	07/21/21 13:35	07/21/21 17:35	179601-23-1	
o-Xylene	ND	mg/kg	0.0037	1	07/21/21 13:35	07/21/21 17:35	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%.	75-125	1	07/21/21 13:35	07/21/21 17:35	2037-26-5	
4-Bromofluorobenzene (S)	111	%.	64-139	1	07/21/21 13:35	07/21/21 17:35	460-00-4	
Dibromofluoromethane (S)	113	%.	66-143	1	07/21/21 13:35	07/21/21 17:35	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/23/21 11:23		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/26/21 12:00	07/26/21 16:07		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/23/21 16:10		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/26/21 12:00	07/27/21 10:53		

Sample: Comp-02 **Lab ID: 20214666002** Collected: 07/14/21 09:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 15:00	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	959-98-8	

REPORT OF LABORATORY ANALYSIS

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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-02 **Lab ID: 20214666002** Collected: 07/14/21 09:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:00	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 15:00	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	67.0	%	10.0-135	1	07/24/21 09:46	07/25/21 15:00	2051-24-3	
Tetrachloro-m-xylene (S)	72.7	%	10.0-139	1	07/24/21 09:46	07/25/21 15:00	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 14:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 14:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 14:48	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	61.5	%	10.0-135	1	07/24/21 09:46	07/25/21 14:48	2051-24-3	
Tetrachloro-m-xylene (S)	67.9	%	10.0-139	1	07/24/21 09:46	07/25/21 14:48	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:42	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:42	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:42	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:42	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:42	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:42	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 00:42	94-74-6	
MCPP	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 00:42	7085-19-0	
2,4,5-T	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:42	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:42	93-72-1	
Surrogates								
2,4-DCAA (S)	46.3	%	22.0-132	1	07/21/21 08:36	07/23/21 00:42	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**1.6**	mg/kg	0.68	1	07/16/21 09:05	07/19/21 12:27	7440-38-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-02 **Lab ID: 20214666002** Collected: 07/14/21 09:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Barium	**30.0**	mg/kg	13.7	1	07/16/21 09:05	07/19/21 12:27	7440-39-3	
Cadmium	ND	mg/kg	0.34	1	07/16/21 09:05	07/19/21 12:27	7440-43-9	
Chromium	**5.4**	mg/kg	0.68	1	07/16/21 09:05	07/19/21 12:27	7440-47-3	
Lead	**6.7**	mg/kg	0.34	1	07/16/21 09:05	07/19/21 12:27	7439-92-1	
Selenium	ND	mg/kg	1.4	1	07/16/21 09:05	07/19/21 12:27	7782-49-2	
Silver	ND	mg/kg	0.68	1	07/16/21 09:05	07/19/21 12:27	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	ND	mg/kg	0.014	1	07/16/21 09:25	07/16/21 13:05	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.049	1	07/16/21 05:47	07/20/21 18:52	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/16/21 05:47	07/20/21 18:52	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	61	%.	10-150	1	07/16/21 05:47	07/20/21 18:52	321-60-8	
Terphenyl-d14 (S)	63	%.	10-147	1	07/16/21 05:47	07/20/21 18:52	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	208-96-8	
Anthracene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	95-57-8	
Chrysene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/16/21 04:49	07/21/21 15:47	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	105-67-9	
Dimethylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	131-11-3	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-02 **Lab ID: 20214666002** Collected: 07/14/21 09:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/16/21 04:49	07/21/21 15:47	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.82	1	07/16/21 04:49	07/21/21 15:47	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	117-81-7	
Fluoranthene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	91-57-6	
Naphthalene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	108-95-2	
Pyrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:47	88-06-2	
Surrogates								
Terphenyl-d14 (S)	80	%.	10-145	1	07/16/21 04:49	07/21/21 15:47	1718-51-0	
2,4,6-Tribromophenol (S)	80	%.	10-138	1	07/16/21 04:49	07/21/21 15:47	118-79-6	
2-Fluorophenol (S)	80	%.	10-129	1	07/16/21 04:49	07/21/21 15:47	367-12-4	
Phenol-d6 (S)	78	%.	10-128	1	07/16/21 04:49	07/21/21 15:47	13127-88-3	
Nitrobenzene-d5 (S)	84	%.	10-144	1	07/16/21 04:49	07/21/21 15:47	4165-60-0	
2-Fluorobiphenyl (S)	81	%.	10-129	1	07/16/21 04:49	07/21/21 15:47	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.068**	mg/kg	0.0081	1	07/21/21 13:35	07/21/21 17:54	67-64-1	
Benzene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-02 **Lab ID: 20214666002** Collected: 07/14/21 09:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Bromoform	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	75-25-2	
Bromomethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0081	1	07/21/21 13:35	07/21/21 17:54	78-93-3	
Carbon disulfide	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	108-90-7	
Chloroethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	75-00-3	
Chloroform	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	67-66-3	
Chloromethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	100-41-4	
Isobutanol	ND	mg/kg	0.20	1	07/21/21 13:35	07/21/21 17:54	78-83-1	
Methylene Chloride	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0081	1	07/21/21 13:35	07/21/21 17:54	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	1634-04-4	
Styrene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	127-18-4	
Toluene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	79-00-5	
Trichloroethene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	75-69-4	
Vinyl chloride	ND	mg/kg	0.0016	1	07/21/21 13:35	07/21/21 17:54	75-01-4	
m&p-Xylene	ND	mg/kg	0.0081	1	07/21/21 13:35	07/21/21 17:54	179601-23-1	
o-Xylene	ND	mg/kg	0.0040	1	07/21/21 13:35	07/21/21 17:54	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	75-125	1	07/21/21 13:35	07/21/21 17:54	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	64-139	1	07/21/21 13:35	07/21/21 17:54	460-00-4	
Dibromofluoromethane (S)	111	%.	66-143	1	07/21/21 13:35	07/21/21 17:54	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-02 **Lab ID: 20214666002** Collected: 07/14/21 09:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/26/21 12:00	07/26/21 16:07		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/23/21 16:10		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/26/21 12:00	07/27/21 10:53		

Sample: Comp-03 **Lab ID: 20214666003** Collected: 07/14/21 10:48 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 15:12	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:12	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 15:12	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	81.4	%	10.0-135	1	07/24/21 09:46	07/25/21 15:12	2051-24-3	
Tetrachloro-m-xylene (S)	81.1	%	10.0-139	1	07/24/21 09:46	07/25/21 15:12	877-09-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-03 **Lab ID: 20214666003** Collected: 07/14/21 10:48 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:58	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:58	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:58	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 14:58	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 14:58	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 14:58	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 14:58	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	70.6	%	10.0-135	1	07/24/21 09:46	07/25/21 14:58	2051-24-3	
Tetrachloro-m-xylene (S)	77.1	%	10.0-139	1	07/24/21 09:46	07/25/21 14:58	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:58	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:58	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:58	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:58	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:58	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:58	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 00:58	94-74-6	
MCPP	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 00:58	7085-19-0	
2,4,5-T	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:58	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 00:58	93-72-1	
Surrogates								
2,4-DCAA (S)	44.8	%	22.0-132	1	07/21/21 08:36	07/23/21 00:58	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**5.1**	mg/kg	0.72	1	07/16/21 09:05	07/19/21 12:31	7440-38-2	
Barium	**135**	mg/kg	14.5	1	07/16/21 09:05	07/19/21 12:31	7440-39-3	
Cadmium	**1.6**	mg/kg	0.36	1	07/16/21 09:05	07/19/21 12:31	7440-43-9	
Chromium	**17.4**	mg/kg	0.72	1	07/16/21 09:05	07/19/21 12:31	7440-47-3	
Lead	**195**	mg/kg	0.36	1	07/16/21 09:05	07/19/21 12:31	7439-92-1	
Selenium	ND	mg/kg	1.4	1	07/16/21 09:05	07/19/21 12:31	7782-49-2	
Silver	ND	mg/kg	0.72	1	07/16/21 09:05	07/19/21 12:31	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.54**	mg/kg	0.016	1	07/16/21 09:25	07/16/21 13:07	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.050	1	07/16/21 05:47	07/20/21 20:16	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/16/21 05:47	07/20/21 20:16	88-85-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-03 **Lab ID: 20214666003** Collected: 07/14/21 10:48 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Surrogates								
2-Fluorobiphenyl (S)	78	%.	10-150	1	07/16/21 05:47	07/20/21 20:16	321-60-8	
Terphenyl-d14 (S)	76	%.	10-147	1	07/16/21 05:47	07/20/21 20:16	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	208-96-8	
Anthracene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	50-32-8	
Benzo(b)fluoranthene	**0.41**	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	205-99-2	
Benzo(k)fluoranthene	**0.46**	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	95-57-8	
Chrysene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/16/21 04:49	07/21/21 16:13	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	105-67-9	
Dimethylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/16/21 04:49	07/21/21 16:13	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.83	1	07/16/21 04:49	07/21/21 16:13	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	117-84-0	
bis(2-Ethylhexyl)phthalate	**0.49**	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	117-81-7	
Fluoranthene	**0.58**	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	91-57-6	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-03 **Lab ID: 20214666003** Collected: 07/14/21 10:48 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Naphthalene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	108-95-2	
Pyrene	**0.55**	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 16:13	88-06-2	
Surrogates								
Terphenyl-d14 (S)	76	%.	10-145	1	07/16/21 04:49	07/21/21 16:13	1718-51-0	
2,4,6-Tribromophenol (S)	81	%.	10-138	1	07/16/21 04:49	07/21/21 16:13	118-79-6	
2-Fluorophenol (S)	75	%.	10-129	1	07/16/21 04:49	07/21/21 16:13	367-12-4	
Phenol-d6 (S)	73	%.	10-128	1	07/16/21 04:49	07/21/21 16:13	13127-88-3	
Nitrobenzene-d5 (S)	77	%.	10-144	1	07/16/21 04:49	07/21/21 16:13	4165-60-0	
2-Fluorobiphenyl (S)	72	%.	10-129	1	07/16/21 04:49	07/21/21 16:13	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.030**	mg/kg	0.010	1	07/21/21 13:35	07/21/21 18:13	67-64-1	
Benzene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	75-27-4	
Bromoform	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	75-25-2	
Bromomethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 18:13	78-93-3	
Carbon disulfide	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	56-23-5	
Chlorobenzene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	108-90-7	
Chloroethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	75-00-3	
Chloroform	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	67-66-3	
Chloromethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	156-59-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-03 **Lab ID: 20214666003** Collected: 07/14/21 10:48 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
trans-1,2-Dichloroethene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	100-41-4	
Isobutanol	ND	mg/kg	0.26	1	07/21/21 13:35	07/21/21 18:13	78-83-1	
Methylene Chloride	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 18:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	1634-04-4	
Styrene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	127-18-4	
Toluene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	79-00-5	
Trichloroethene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	75-69-4	
Vinyl chloride	ND	mg/kg	0.0021	1	07/21/21 13:35	07/21/21 18:13	75-01-4	
m&p-Xylene	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 18:13	179601-23-1	
o-Xylene	ND	mg/kg	0.0052	1	07/21/21 13:35	07/21/21 18:13	95-47-6	
Surrogates								
Toluene-d8 (S)	102	%.	75-125	1	07/21/21 13:35	07/21/21 18:13	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	64-139	1	07/21/21 13:35	07/21/21 18:13	460-00-4	
Dibromofluoromethane (S)	111	%.	66-143	1	07/21/21 13:35	07/21/21 18:13	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/26/21 12:00	07/26/21 16:07		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/23/21 16:10		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/26/21 12:00	07/27/21 10:53		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-04 **Lab ID: 20214666004** Collected: 07/14/21 11:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 15:24	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:24	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 15:24	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	119	%	10.0-135	1	07/24/21 09:46	07/25/21 15:24	2051-24-3	
Tetrachloro-m-xylene (S)	77.8	%	10.0-139	1	07/24/21 09:46	07/25/21 15:24	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:08	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:08	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	81.2	%	10.0-135	1	07/24/21 09:46	07/25/21 15:08	2051-24-3	
Tetrachloro-m-xylene (S)	83.2	%	10.0-139	1	07/24/21 09:46	07/25/21 15:08	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:14	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:14	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:14	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:14	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:14	15165-67-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-04 **Lab ID: 20214666004** Collected: 07/14/21 11:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
Dinoseb	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:14	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 01:14	94-74-6	
MCPP	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 01:14	7085-19-0	
2,4,5-T	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:14	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:14	93-72-1	
Surrogates								
2,4-DCAA (S)	42.5	%	22.0-132	1	07/21/21 08:36	07/23/21 01:14	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**7.6**	mg/kg	0.74	1	07/16/21 09:05	07/19/21 12:35	7440-38-2	
Barium	**167**	mg/kg	14.7	1	07/16/21 09:05	07/19/21 12:35	7440-39-3	
Cadmium	**2.6**	mg/kg	0.37	1	07/16/21 09:05	07/19/21 12:35	7440-43-9	
Chromium	**23.0**	mg/kg	0.74	1	07/16/21 09:05	07/19/21 12:35	7440-47-3	
Lead	**361**	mg/kg	0.37	1	07/16/21 09:05	07/19/21 12:35	7439-92-1	
Selenium	ND	mg/kg	1.5	1	07/16/21 09:05	07/19/21 12:35	7782-49-2	
Silver	**0.80**	mg/kg	0.74	1	07/16/21 09:05	07/19/21 12:35	7440-22-4	
6010 Metals, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 08/10/21 15:30 Pace Analytical Services - New Orleans							
Lead	ND	mg/L	0.20	1	08/11/21 09:21	08/12/21 14:09	7439-92-1	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.40**	mg/kg	0.016	1	07/16/21 09:25	07/16/21 13:10	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.25	5	07/16/21 05:47	07/20/21 21:11	62-53-3	D3
Dinoseb	ND	mg/kg	0.50	5	07/16/21 05:47	07/20/21 21:11	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	72	%.	10-150	5	07/16/21 05:47	07/20/21 21:11	321-60-8	
Terphenyl-d14 (S)	73	%.	10-147	5	07/16/21 05:47	07/20/21 21:11	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	83-32-9	
Acenaphthylene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	208-96-8	
Anthracene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	120-12-7	
Benzo(a)anthracene	**0.90**	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	56-55-3	
Benzo(a)pyrene	**1.4**	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	50-32-8	
Benzo(b)fluoranthene	**2.5**	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	205-99-2	
Benzo(k)fluoranthene	**2.8**	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	207-08-9	E

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-04 **Lab ID: 20214666004** Collected: 07/14/21 11:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Biphenyl (Diphenyl)	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39		
bis(2-Chloroethyl) ether	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	91-58-7	
2-Chlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	95-57-8	
Chrysene	**1.5**	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	53-70-3	
Dibenzofuran	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/16/21 04:49	07/21/21 16:39	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	120-83-2	
Diethylphthalate	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	105-67-9	
Dimethylphthalate	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/16/21 04:49	07/21/21 16:39	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.82	1	07/16/21 04:49	07/21/21 16:39	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	117-84-0	
bis(2-Ethylhexyl)phthalate	**64.2**	mg/kg	16.2	50	07/16/21 04:49	07/22/21 08:52	117-81-7	D4
Fluoranthene	**1.9**	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	206-44-0	
Fluorene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	77-47-4	
Hexachloroethane	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	67-72-1	
Indeno(1,2,3-cd)pyrene	**0.48**	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	193-39-5	
Isophorone	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	91-57-6	
Naphthalene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	91-20-3	
2-Nitroaniline	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	88-74-4	
3-Nitroaniline	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	99-09-2	
4-Nitroaniline	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	100-01-6	
Nitrobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	98-95-3	
4-Nitrophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	108-60-1	
Pentachlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	87-86-5	
Phenanthrene	**0.54**	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	85-01-8	
Phenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	108-95-2	
Pyrene	**2.4**	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	129-00-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-04 **Lab ID: 20214666004** Collected: 07/14/21 11:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 16:39	88-06-2	
Surrogates								
Terphenyl-d14 (S)	53	%.	10-145	50	07/16/21 04:49	07/22/21 08:52	1718-51-0	
Terphenyl-d14 (S)	114	%.	10-145	1	07/16/21 04:49	07/21/21 16:39	1718-51-0	
2,4,6-Tribromophenol (S)	85	%.	10-138	1	07/16/21 04:49	07/21/21 16:39	118-79-6	
2,4,6-Tribromophenol (S)	0	%.	10-138	50	07/16/21 04:49	07/22/21 08:52	118-79-6	S4
2-Fluorophenol (S)	76	%.	10-129	1	07/16/21 04:49	07/21/21 16:39	367-12-4	
2-Fluorophenol (S)	66	%.	10-129	50	07/16/21 04:49	07/22/21 08:52	367-12-4	
Phenol-d6 (S)	58	%.	10-128	50	07/16/21 04:49	07/22/21 08:52	13127-88-3	
Phenol-d6 (S)	76	%.	10-128	1	07/16/21 04:49	07/21/21 16:39	13127-88-3	
Nitrobenzene-d5 (S)	80	%.	10-144	1	07/16/21 04:49	07/21/21 16:39	4165-60-0	
Nitrobenzene-d5 (S)	62	%.	10-144	50	07/16/21 04:49	07/22/21 08:52	4165-60-0	
2-Fluorobiphenyl (S)	63	%.	10-129	50	07/16/21 04:49	07/22/21 08:52	321-60-8	
2-Fluorobiphenyl (S)	74	%.	10-129	1	07/16/21 04:49	07/21/21 16:39	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.062**	mg/kg	0.0097	1	07/21/21 13:35	07/21/21 18:32	67-64-1	
Benzene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	75-27-4	
Bromoform	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	75-25-2	
Bromomethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0097	1	07/21/21 13:35	07/21/21 18:32	78-93-3	
Carbon disulfide	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	56-23-5	
Chlorobenzene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	108-90-7	
Chloroethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	75-00-3	
Chloroform	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	67-66-3	
Chloromethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	100-41-4	
Isobutanol	ND	mg/kg	0.24	1	07/21/21 13:35	07/21/21 18:32	78-83-1	
Methylene Chloride	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	75-09-2	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-04 **Lab ID: 20214666004** Collected: 07/14/21 11:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0097	1	07/21/21 13:35	07/21/21 18:32	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	1634-04-4	
Styrene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	127-18-4	
Toluene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	79-00-5	
Trichloroethene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	75-69-4	
Vinyl chloride	ND	mg/kg	0.0019	1	07/21/21 13:35	07/21/21 18:32	75-01-4	
m&p-Xylene	ND	mg/kg	0.0097	1	07/21/21 13:35	07/21/21 18:32	179601-23-1	
o-Xylene	ND	mg/kg	0.0048	1	07/21/21 13:35	07/21/21 18:32	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	75-125	1	07/21/21 13:35	07/21/21 18:32	2037-26-5	
4-Bromofluorobenzene (S)	108	%.	64-139	1	07/21/21 13:35	07/21/21 18:32	460-00-4	
Dibromofluoromethane (S)	111	%.	66-143	1	07/21/21 13:35	07/21/21 18:32	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/26/21 12:00	07/26/21 16:07		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/23/21 16:10		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/26/21 12:00	07/27/21 10:53		

Sample: TB-01 (071421) **Lab ID: 20214666005** Collected: 07/14/21 00:00 Received: 07/15/21 06:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
Acetone	ND	mg/L	0.0040	1		07/20/21 20:55	67-64-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: TB-01 (071421) **Lab ID: 20214666005** Collected: 07/14/21 00:00 Received: 07/15/21 06:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - New Orleans							
Benzene	ND	mg/L	0.00050	1		07/20/21 20:55	71-43-2	
Bromodichloromethane	ND	mg/L	0.00050	1		07/20/21 20:55	75-27-4	
Bromoform	ND	mg/L	0.0010	1		07/20/21 20:55	75-25-2	
Bromomethane	ND	mg/L	0.00050	1		07/20/21 20:55	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.0020	1		07/20/21 20:55	78-93-3	
Carbon disulfide	ND	mg/L	0.0010	1		07/20/21 20:55	75-15-0	
Carbon tetrachloride	ND	mg/L	0.00050	1		07/20/21 20:55	56-23-5	
Chlorobenzene	ND	mg/L	0.00050	1		07/20/21 20:55	108-90-7	
Chloroethane	ND	mg/L	0.00050	1		07/20/21 20:55	75-00-3	
Chloroform	ND	mg/L	0.00050	1		07/20/21 20:55	67-66-3	
Chloromethane	ND	mg/L	0.00050	1		07/20/21 20:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.00020	1		07/20/21 20:55	96-12-8	
Dibromochloromethane	ND	mg/L	0.00050	1		07/20/21 20:55	124-48-1	
1,1-Dichloroethane	ND	mg/L	0.00050	1		07/20/21 20:55	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.00050	1		07/20/21 20:55	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.00050	1		07/20/21 20:55	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	1		07/20/21 20:55	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.00050	1		07/20/21 20:55	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.00050	1		07/20/21 20:55	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/20/21 20:55	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/20/21 20:55	10061-02-6	
Ethylbenzene	ND	mg/L	0.00050	1		07/20/21 20:55	100-41-4	
Isobutanol	ND	mg/L	0.050	1		07/20/21 20:55	78-83-1	
Methylene Chloride	ND	mg/L	0.00050	1		07/20/21 20:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.0010	1		07/20/21 20:55	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.00050	1		07/20/21 20:55	1634-04-4	
Styrene	ND	mg/L	0.0010	1		07/20/21 20:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	1		07/20/21 20:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.00050	1		07/20/21 20:55	79-34-5	
Tetrachloroethene	ND	mg/L	0.00050	1		07/20/21 20:55	127-18-4	
Toluene	ND	mg/L	0.00050	1		07/20/21 20:55	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/L	0.0020	1		07/20/21 20:55	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.00050	1		07/20/21 20:55	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.00050	1		07/20/21 20:55	79-00-5	
Trichloroethene	ND	mg/L	0.00050	1		07/20/21 20:55	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	1		07/20/21 20:55	75-69-4	
Vinyl chloride	ND	mg/L	0.00050	1		07/20/21 20:55	75-01-4	
m&p-Xylene	ND	mg/L	0.0020	1		07/20/21 20:55	179601-23-1	
o-Xylene	ND	mg/L	0.0010	1		07/20/21 20:55	95-47-6	
Surrogates								
Dibromofluoromethane (S)	94	%.	72-126	1		07/20/21 20:55	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	68-124	1		07/20/21 20:55	460-00-4	
Toluene-d8 (S)	97	%.	79-119	1		07/20/21 20:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-05 **Lab ID: 20214666006** Collected: 07/14/21 13:25 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 15:37	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:37	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 15:37	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	107	%	10.0-135	1	07/24/21 09:46	07/25/21 15:37	2051-24-3	
Tetrachloro-m-xylene (S)	87.0	%	10.0-139	1	07/24/21 09:46	07/25/21 15:37	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:18	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:18	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:18	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:18	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:18	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:18	11097-69-1	
PCB-1260 (Aroclor 1260)	**0.0817**	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:18	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	100	%	10.0-135	1	07/24/21 09:46	07/25/21 15:18	2051-24-3	
Tetrachloro-m-xylene (S)	88.7	%	10.0-139	1	07/24/21 09:46	07/25/21 15:18	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:31	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:31	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:31	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:31	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:31	15165-67-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-05 **Lab ID: 20214666006** Collected: 07/14/21 13:25 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
Dinoseb	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:31	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 01:31	94-74-6	
MCPP	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 01:31	7085-19-0	
2,4,5-T	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:31	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:31	93-72-1	
Surrogates								
2,4-DCAA (S)	47.7	%	22.0-132	1	07/21/21 08:36	07/23/21 01:31	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**15.7**	mg/kg	1.4	2	07/16/21 09:05	07/19/21 19:50	7440-38-2	
Barium	**267**	mg/kg	28.2	2	07/16/21 09:05	07/19/21 19:50	7440-39-3	
Cadmium	**5.2**	mg/kg	0.70	2	07/16/21 09:05	07/19/21 19:50	7440-43-9	
Chromium	**38.5**	mg/kg	1.4	2	07/16/21 09:05	07/19/21 19:50	7440-47-3	
Lead	**1320**	mg/kg	0.70	2	07/16/21 09:05	07/19/21 19:50	7439-92-1	
Selenium	ND	mg/kg	2.8	2	07/16/21 09:05	07/19/21 19:50	7782-49-2	
Silver	**1.9**	mg/kg	1.4	2	07/16/21 09:05	07/19/21 19:50	7440-22-4	
6010 Metals, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 08/10/21 15:30 Pace Analytical Services - New Orleans							
Lead	ND	mg/L	0.20	1	08/11/21 09:21	08/12/21 14:25	7439-92-1	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.66**	mg/kg	0.014	1	07/16/21 09:25	07/16/21 13:12	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.25	5	07/16/21 05:47	07/20/21 21:39	62-53-3	D3
Dinoseb	ND	mg/kg	0.49	5	07/16/21 05:47	07/20/21 21:39	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	70	%.	10-150	5	07/16/21 05:47	07/20/21 21:39	321-60-8	
Terphenyl-d14 (S)	73	%.	10-147	5	07/16/21 05:47	07/20/21 21:39	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	83-32-9	
Acenaphthylene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	208-96-8	
Anthracene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	120-12-7	
Benzo(a)anthracene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	56-55-3	
Benzo(a)pyrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	207-08-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-05 **Lab ID: 20214666006** Collected: 07/14/21 13:25 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Biphenyl (Diphenyl)	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	92-52-4	
Butylbenzylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	85-68-7	
3&4-Chloroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30		
bis(2-Chloroethyl) ether	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	111-44-4	
2-Chloronaphthalene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	91-58-7	
2-Chlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	95-57-8	
Chrysene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	53-70-3	
Dibenzofuran	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	3.3	5	07/16/21 04:49	07/21/21 17:30	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	120-83-2	
Diethylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	105-67-9	
Dimethylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.81	5	07/16/21 04:49	07/21/21 17:30	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	4.1	5	07/16/21 04:49	07/21/21 17:30	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	606-20-2	
Di-n-octylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	117-84-0	
bis(2-Ethylhexyl)phthalate	**8.4**	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	117-81-7	
Fluoranthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	206-44-0	
Fluorene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	87-68-3	
Hexachlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	77-47-4	
Hexachloroethane	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	193-39-5	
Isophorone	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	78-59-1	
2-Methylnaphthalene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	91-57-6	
Naphthalene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	91-20-3	
2-Nitroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	88-74-4	
3-Nitroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	99-09-2	
4-Nitroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	100-01-6	
Nitrobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	98-95-3	
4-Nitrophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	108-60-1	
Pentachlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	87-86-5	
Phenanthrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	85-01-8	
Phenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	108-95-2	D3
Pyrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	129-00-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-05 **Lab ID: 20214666006** Collected: 07/14/21 13:25 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:30	88-06-2	
Surrogates								
Terphenyl-d14 (S)	76	%.	10-145	5	07/16/21 04:49	07/21/21 17:30	1718-51-0	
2,4,6-Tribromophenol (S)	67	%.	10-138	5	07/16/21 04:49	07/21/21 17:30	118-79-6	
2-Fluorophenol (S)	73	%.	10-129	5	07/16/21 04:49	07/21/21 17:30	367-12-4	
Phenol-d6 (S)	71	%.	10-128	5	07/16/21 04:49	07/21/21 17:30	13127-88-3	
Nitrobenzene-d5 (S)	74	%.	10-144	5	07/16/21 04:49	07/21/21 17:30	4165-60-0	
2-Fluorobiphenyl (S)	67	%.	10-129	5	07/16/21 04:49	07/21/21 17:30	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	ND	mg/kg	0.011	1	07/21/21 13:35	07/21/21 18:51	67-64-1	
Benzene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	75-27-4	
Bromoform	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	75-25-2	
Bromomethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.011	1	07/21/21 13:35	07/21/21 18:51	78-93-3	
Carbon disulfide	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	108-90-7	
Chloroethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	75-00-3	
Chloroform	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	67-66-3	
Chloromethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	100-41-4	
Isobutanol	ND	mg/kg	0.26	1	07/21/21 13:35	07/21/21 18:51	78-83-1	
Methylene Chloride	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.011	1	07/21/21 13:35	07/21/21 18:51	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	1634-04-4	
Styrene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-05 **Lab ID: 20214666006** Collected: 07/14/21 13:25 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Toluene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	79-00-5	
Trichloroethene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	75-69-4	
Vinyl chloride	ND	mg/kg	0.0021	1	07/21/21 13:35	07/21/21 18:51	75-01-4	
m&p-Xylene	ND	mg/kg	0.011	1	07/21/21 13:35	07/21/21 18:51	179601-23-1	
o-Xylene	ND	mg/kg	0.0053	1	07/21/21 13:35	07/21/21 18:51	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	75-125	1	07/21/21 13:35	07/21/21 18:51	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	64-139	1	07/21/21 13:35	07/21/21 18:51	460-00-4	
Dibromofluoromethane (S)	108	%.	66-143	1	07/21/21 13:35	07/21/21 18:51	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/26/21 12:00	07/26/21 16:07		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/23/21 16:10		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/26/21 12:00	07/27/21 10:35		

Sample: Comp-06 **Lab ID: 20214666007** Collected: 07/14/21 14:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 15:49	57-74-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-06 **Lab ID: 20214666007** Collected: 07/14/21 14:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 15:49	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 15:49	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	84.4	%	10.0-135	1	07/24/21 09:46	07/25/21 15:49	2051-24-3	
Tetrachloro-m-xylene (S)	86.4	%	10.0-139	1	07/24/21 09:46	07/25/21 15:49	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:28	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	89.1	%	10.0-135	1	07/24/21 09:46	07/25/21 15:28	2051-24-3	
Tetrachloro-m-xylene (S)	83.8	%	10.0-139	1	07/24/21 09:46	07/25/21 15:28	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:47	94-75-7	R1
Dalapon	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:47	75-99-0	R1
2,4-DB	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:47	94-82-6	R1
Dicamba	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:47	1918-00-9	R1
Dichloroprop	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:47	15165-67-0	R1
Dinoseb	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:47	88-85-7	R1
MCPA	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 01:47	94-74-6	R1
MCPP	ND	mg/kg	6.50	1	07/21/21 08:36	07/23/21 01:47	7085-19-0	
2,4,5-T	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:47	93-76-5	R1
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/21/21 08:36	07/23/21 01:47	93-72-1	R1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-06 **Lab ID: 20214666007** Collected: 07/14/21 14:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
Surrogates								
2,4-DCAA (S)	45.9	%	22.0-132	1	07/21/21 08:36	07/23/21 01:47	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**8.2**	mg/kg	0.91	1	07/16/21 09:05	07/19/21 12:44	7440-38-2	
Barium	**183**	mg/kg	18.2	1	07/16/21 09:05	07/19/21 12:44	7440-39-3	
Cadmium	**3.0**	mg/kg	0.45	1	07/16/21 09:05	07/19/21 12:44	7440-43-9	
Chromium	**19.5**	mg/kg	0.91	1	07/16/21 09:05	07/19/21 12:44	7440-47-3	
Lead	**265**	mg/kg	0.45	1	07/16/21 09:05	07/19/21 12:44	7439-92-1	M1
Selenium	ND	mg/kg	1.8	1	07/16/21 09:05	07/19/21 12:44	7782-49-2	
Silver	ND	mg/kg	0.91	1	07/16/21 09:05	07/19/21 12:44	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.44**	mg/kg	0.013	1	07/16/21 09:25	07/16/21 13:19	7439-97-6	M1
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.25	5	07/16/21 05:47	07/20/21 22:07	62-53-3	D3
Dinoseb	ND	mg/kg	0.49	5	07/16/21 05:47	07/20/21 22:07	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	47	%.	10-150	5	07/16/21 05:47	07/20/21 22:07	321-60-8	
Terphenyl-d14 (S)	48	%.	10-147	5	07/16/21 05:47	07/20/21 22:07	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	83-32-9	
Acenaphthylene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	208-96-8	
Anthracene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	120-12-7	
Benzo(a)anthracene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	56-55-3	
Benzo(a)pyrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	92-52-4	
Butylbenzylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	85-68-7	
3&4-Chloroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57		
bis(2-Chloroethyl) ether	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	111-44-4	
2-Chloronaphthalene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	91-58-7	
2-Chlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	95-57-8	
Chrysene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	53-70-3	
Dibenzofuran	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	541-73-1	

Pace Analytical Services, LLC
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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-06 **Lab ID: 20214666007** Collected: 07/14/21 14:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
1,4-Dichlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	3.3	5	07/16/21 04:49	07/21/21 17:57	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	120-83-2	
Diethylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	105-67-9	
Dimethylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	131-11-3	M1
1,3-Dinitrobenzene	ND	mg/kg	0.82	5	07/16/21 04:49	07/21/21 17:57	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	4.1	5	07/16/21 04:49	07/21/21 17:57	51-28-5	M1
2,4-Dinitrotoluene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	121-14-2	M1
2,6-Dinitrotoluene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	606-20-2	M1
Di-n-octylphthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	117-84-0	R1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	117-81-7	
Fluoranthene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	206-44-0	
Fluorene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	87-68-3	
Hexachlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	77-47-4	
Hexachloroethane	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	193-39-5	
Isophorone	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	78-59-1	
2-Methylnaphthalene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	91-57-6	
Naphthalene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	91-20-3	
2-Nitroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	88-74-4	
3-Nitroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	99-09-2	
4-Nitroaniline	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	100-01-6	
Nitrobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	98-95-3	
4-Nitrophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	108-60-1	
Pentachlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	87-86-5	
Phenanthrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	85-01-8	
Phenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	108-95-2	D3
Pyrene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	1.6	5	07/16/21 04:49	07/21/21 17:57	88-06-2	
Surrogates								
Terphenyl-d14 (S)	80	%.	10-145	5	07/16/21 04:49	07/21/21 17:57	1718-51-0	
2,4,6-Tribromophenol (S)	61	%.	10-138	5	07/16/21 04:49	07/21/21 17:57	118-79-6	
2-Fluorophenol (S)	64	%.	10-129	5	07/16/21 04:49	07/21/21 17:57	367-12-4	
Phenol-d6 (S)	64	%.	10-128	5	07/16/21 04:49	07/21/21 17:57	13127-88-3	
Nitrobenzene-d5 (S)	65	%.	10-144	5	07/16/21 04:49	07/21/21 17:57	4165-60-0	
2-Fluorobiphenyl (S)	61	%.	10-129	5	07/16/21 04:49	07/21/21 17:57	321-60-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-06 **Lab ID: 20214666007** Collected: 07/14/21 14:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.011**	mg/kg	0.010	1	07/21/21 13:35	07/21/21 19:10	67-64-1	R1
Benzene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	75-27-4	M1,R1
Bromoform	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	75-25-2	M1,R1
Bromomethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 19:10	78-93-3	R1
Carbon disulfide	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	56-23-5	
Chlorobenzene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	108-90-7	M1,R1
Chloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	75-00-3	
Chloroform	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	67-66-3	R1
Chloromethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	96-12-8	M1,R1
Dibromochloromethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	124-48-1	M1,R1
1,1-Dichloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	107-06-2	R1
1,1-Dichloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	156-59-2	R1
trans-1,2-Dichloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	78-87-5	M1,R1
cis-1,3-Dichloropropene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	10061-01-5	R1
trans-1,3-Dichloropropene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	10061-02-6	M1,R1
Ethylbenzene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	100-41-4	
Isobutanol	ND	mg/kg	0.26	1	07/21/21 13:35	07/21/21 19:10	78-83-1	
Methylene Chloride	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	75-09-2	R1
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 19:10	108-10-1	R1
Methyl-tert-butyl ether	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	1634-04-4	R1
Styrene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	100-42-5	M1,R1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	630-20-6	M1,R1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	79-34-5	M1,R1
Tetrachloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	127-18-4	
Toluene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	120-82-1	M1
1,1,1-Trichloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	79-00-5	M1,R1
Trichloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	75-69-4	
Vinyl chloride	ND	mg/kg	0.0021	1	07/21/21 13:35	07/21/21 19:10	75-01-4	
m&p-Xylene	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 19:10	179601-23-1	R1
o-Xylene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 19:10	95-47-6	R1
Surrogates								
Toluene-d8 (S)	101	%.	75-125	1	07/21/21 13:35	07/21/21 19:10	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	64-139	1	07/21/21 13:35	07/21/21 19:10	460-00-4	
Dibromofluoromethane (S)	108	%.	66-143	1	07/21/21 13:35	07/21/21 19:10	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-06 **Lab ID: 20214666007** Collected: 07/14/21 14:30 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/26/21 12:00	07/26/21 16:07		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/23/21 16:10		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/26/21 12:00	07/27/21 10:35		M1

Sample: Comp-07 **Lab ID: 20214666008** Collected: 07/14/21 15:10 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 16:26	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:26	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 16:26	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	64.0	%	10.0-135	1	07/24/21 09:46	07/25/21 16:26	2051-24-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-07 **Lab ID: 20214666008** Collected: 07/14/21 15:10 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Surrogates								
Tetrachloro-m-xylene (S)	71.8	%	10.0-139	1	07/24/21 09:46	07/25/21 16:26	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 15:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 15:59	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	70.4	%	10.0-135	1	07/24/21 09:46	07/25/21 15:59	2051-24-3	
Tetrachloro-m-xylene (S)	73.6	%	10.0-139	1	07/24/21 09:46	07/25/21 15:59	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:02	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:02	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:02	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:02	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:02	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:02	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 18:02	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 18:02	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:02	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:02	93-72-1	
Surrogates								
2,4-DCAA (S)	73.3	%	22.0-132	1	07/22/21 00:10	07/26/21 18:02	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**2.3**	mg/kg	0.71	1	07/16/21 09:05	07/19/21 13:08	7440-38-2	
Barium	**45.4**	mg/kg	14.3	1	07/16/21 09:05	07/19/21 13:08	7440-39-3	
Cadmium	ND	mg/kg	0.36	1	07/16/21 09:05	07/19/21 13:08	7440-43-9	
Chromium	**6.6**	mg/kg	0.71	1	07/16/21 09:05	07/19/21 13:08	7440-47-3	
Lead	**8.4**	mg/kg	0.36	1	07/16/21 09:05	07/19/21 13:08	7439-92-1	
Selenium	ND	mg/kg	1.4	1	07/16/21 09:05	07/19/21 13:08	7782-49-2	
Silver	ND	mg/kg	0.71	1	07/16/21 09:05	07/19/21 13:08	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	ND	mg/kg	0.014	1	07/16/21 09:25	07/16/21 13:26	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-07 **Lab ID: 20214666008** Collected: 07/14/21 15:10 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.050	1	07/16/21 05:47	07/20/21 19:20	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/16/21 05:47	07/20/21 19:20	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	83	%.	10-150	1	07/16/21 05:47	07/20/21 19:20	321-60-8	
Terphenyl-d14 (S)	75	%.	10-147	1	07/16/21 05:47	07/20/21 19:20	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	83-32-9	
Acenaphthylene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	208-96-8	
Anthracene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54		
bis(2-Chloroethyl) ether	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	91-58-7	
2-Chlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	95-57-8	
Chrysene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	53-70-3	
Dibenzofuran	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.65	1	07/16/21 04:49	07/21/21 14:54	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	120-83-2	
Diethylphthalate	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	105-67-9	
Dimethylphthalate	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/16/21 04:49	07/21/21 14:54	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.81	1	07/16/21 04:49	07/21/21 14:54	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	117-81-7	
Fluoranthene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	206-44-0	
Fluorene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	77-47-4	
Hexachloroethane	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	193-39-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-07 **Lab ID: 20214666008** Collected: 07/14/21 15:10 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Isophorone	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	91-57-6	
Naphthalene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	91-20-3	
2-Nitroaniline	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	88-74-4	
3-Nitroaniline	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	99-09-2	
4-Nitroaniline	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	100-01-6	
Nitrobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	98-95-3	
4-Nitrophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	108-60-1	
Pentachlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	87-86-5	
Phenanthrene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	85-01-8	
Phenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	108-95-2	
Pyrene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.32	1	07/16/21 04:49	07/21/21 14:54	88-06-2	
Surrogates								
Terphenyl-d14 (S)	83	%.	10-145	1	07/16/21 04:49	07/21/21 14:54	1718-51-0	
2,4,6-Tribromophenol (S)	72	%.	10-138	1	07/16/21 04:49	07/21/21 14:54	118-79-6	
2-Fluorophenol (S)	84	%.	10-129	1	07/16/21 04:49	07/21/21 14:54	367-12-4	
Phenol-d6 (S)	83	%.	10-128	1	07/16/21 04:49	07/21/21 14:54	13127-88-3	
Nitrobenzene-d5 (S)	85	%.	10-144	1	07/16/21 04:49	07/21/21 14:54	4165-60-0	
2-Fluorobiphenyl (S)	87	%.	10-129	1	07/16/21 04:49	07/21/21 14:54	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 20:08	67-64-1	
Benzene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	75-27-4	
Bromoform	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	75-25-2	
Bromomethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 20:08	78-93-3	
Carbon disulfide	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	56-23-5	
Chlorobenzene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	108-90-7	
Chloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	75-00-3	
Chloroform	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	67-66-3	
Chloromethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-07 **Lab ID: 20214666008** Collected: 07/14/21 15:10 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
1,1-Dichloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	100-41-4	
Isobutanol	ND	mg/kg	0.26	1	07/21/21 13:35	07/21/21 20:08	78-83-1	
Methylene Chloride	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 20:08	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	1634-04-4	
Styrene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	127-18-4	
Toluene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	79-00-5	
Trichloroethene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	75-69-4	
Vinyl chloride	ND	mg/kg	0.0020	1	07/21/21 13:35	07/21/21 20:08	75-01-4	
m&p-Xylene	ND	mg/kg	0.010	1	07/21/21 13:35	07/21/21 20:08	179601-23-1	
o-Xylene	ND	mg/kg	0.0051	1	07/21/21 13:35	07/21/21 20:08	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	75-125	1	07/21/21 13:35	07/21/21 20:08	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	64-139	1	07/21/21 13:35	07/21/21 20:08	460-00-4	
Dibromofluoromethane (S)	107	%.	66-143	1	07/21/21 13:35	07/21/21 20:08	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/26/21 12:00	07/26/21 16:07		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**FAIL**		1.0	1		07/23/21 16:10		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/26/21 12:00	07/27/21 10:35		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-08 **Lab ID: 20214666009** Collected: 07/14/21 15:50 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 16:39	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:39	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 16:39	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	77.8	%	10.0-135	1	07/24/21 09:46	07/25/21 16:39	2051-24-3	
Tetrachloro-m-xylene (S)	85.5	%	10.0-139	1	07/24/21 09:46	07/25/21 16:39	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:09	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:09	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:09	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:09	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:09	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:09	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:09	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	80.7	%	10.0-135	1	07/24/21 09:46	07/25/21 16:09	2051-24-3	
Tetrachloro-m-xylene (S)	81.2	%	10.0-139	1	07/24/21 09:46	07/25/21 16:09	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:19	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:19	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:19	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:19	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:19	15165-67-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-08 **Lab ID: 20214666009** Collected: 07/14/21 15:50 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:19	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 18:19	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 18:19	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:19	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:19	93-72-1	
Surrogates								
2,4-DCAA (S)	71.3	%	22.0-132	1	07/22/21 00:10	07/26/21 18:19	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**2.7**	mg/kg	0.94	1	07/16/21 09:05	07/19/21 13:12	7440-38-2	
Barium	**66.3**	mg/kg	18.9	1	07/16/21 09:05	07/19/21 13:12	7440-39-3	
Cadmium	ND	mg/kg	0.47	1	07/16/21 09:05	07/19/21 13:12	7440-43-9	
Chromium	**9.0**	mg/kg	0.94	1	07/16/21 09:05	07/19/21 13:12	7440-47-3	
Lead	**7.2**	mg/kg	0.47	1	07/16/21 09:05	07/19/21 13:12	7439-92-1	
Selenium	ND	mg/kg	1.9	1	07/16/21 09:05	07/19/21 13:12	7782-49-2	
Silver	ND	mg/kg	0.94	1	07/16/21 09:05	07/19/21 13:12	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	ND	mg/kg	0.016	1	07/16/21 09:25	07/16/21 13:28	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.049	1	07/16/21 05:47	07/20/21 19:48	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/16/21 05:47	07/20/21 19:48	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	10-150	1	07/16/21 05:47	07/20/21 19:48	321-60-8	
Terphenyl-d14 (S)	72	%.	10-147	1	07/16/21 05:47	07/20/21 19:48	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	208-96-8	
Anthracene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	95-57-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-08 **Lab ID: 20214666009** Collected: 07/14/21 15:50 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Chrysene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/16/21 04:49	07/21/21 15:21	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	105-67-9	
Dimethylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/16/21 04:49	07/21/21 15:21	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.82	1	07/16/21 04:49	07/21/21 15:21	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	117-81-7	
Fluoranthene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	91-57-6	
Naphthalene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	108-95-2	
Pyrene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/16/21 04:49	07/21/21 15:21	88-06-2	
Surrogates								
Terphenyl-d14 (S)	69	%.	10-145	1	07/16/21 04:49	07/21/21 15:21	1718-51-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-08 **Lab ID: 20214666009** Collected: 07/14/21 15:50 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Surrogates								
2,4,6-Tribromophenol (S)	59	%.	10-138	1	07/16/21 04:49	07/21/21 15:21	118-79-6	
2-Fluorophenol (S)	71	%.	10-129	1	07/16/21 04:49	07/21/21 15:21	367-12-4	
Phenol-d6 (S)	69	%.	10-128	1	07/16/21 04:49	07/21/21 15:21	13127-88-3	
Nitrobenzene-d5 (S)	70	%.	10-144	1	07/16/21 04:49	07/21/21 15:21	4165-60-0	
2-Fluorobiphenyl (S)	73	%.	10-129	1	07/16/21 04:49	07/21/21 15:21	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	ND	mg/kg	0.0090	1	07/22/21 13:10	07/22/21 19:02	67-64-1	
Benzene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	75-27-4	
Bromoform	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0090	1	07/22/21 13:10	07/22/21 19:02	78-93-3	
Carbon disulfide	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	56-23-5	
Chlorobenzene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	75-00-3	
Chloroform	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	100-41-4	
Isobutanol	ND	mg/kg	0.22	1	07/22/21 13:10	07/22/21 19:02	78-83-1	
Methylene Chloride	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0090	1	07/22/21 13:10	07/22/21 19:02	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	1634-04-4	
Styrene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	127-18-4	
Toluene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	79-00-5	
Trichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	79-01-6	

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St. Rose, LA 70087
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: Comp-08 **Lab ID: 20214666009** Collected: 07/14/21 15:50 Received: 07/15/21 06:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Trichlorofluoromethane	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	75-69-4	
Vinyl chloride	ND	mg/kg	0.0018	1	07/22/21 13:10	07/22/21 19:02	75-01-4	
m&p-Xylene	ND	mg/kg	0.0090	1	07/22/21 13:10	07/22/21 19:02	179601-23-1	
o-Xylene	ND	mg/kg	0.0045	1	07/22/21 13:10	07/22/21 19:02	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	75-125	1	07/22/21 13:10	07/22/21 19:02	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	64-139	1	07/22/21 13:10	07/22/21 19:02	460-00-4	
Dibromofluoromethane (S)	111	%.	66-143	1	07/22/21 13:10	07/22/21 19:02	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/26/21 12:00	07/26/21 16:07		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**FAIL**		1.0	1		07/23/21 16:10		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/26/21 12:00	07/27/21 10:35		

Sample: TB-02 (071421) **Lab ID: 20214666010** Collected: 07/14/21 00:00 Received: 07/15/21 06:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
Acetone	ND	mg/L	0.0040	1		07/20/21 21:13	67-64-1	
Benzene	ND	mg/L	0.00050	1		07/20/21 21:13	71-43-2	
Bromodichloromethane	ND	mg/L	0.00050	1		07/20/21 21:13	75-27-4	
Bromoform	ND	mg/L	0.0010	1		07/20/21 21:13	75-25-2	
Bromomethane	ND	mg/L	0.00050	1		07/20/21 21:13	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.0020	1		07/20/21 21:13	78-93-3	
Carbon disulfide	ND	mg/L	0.0010	1		07/20/21 21:13	75-15-0	
Carbon tetrachloride	ND	mg/L	0.00050	1		07/20/21 21:13	56-23-5	
Chlorobenzene	ND	mg/L	0.00050	1		07/20/21 21:13	108-90-7	
Chloroethane	ND	mg/L	0.00050	1		07/20/21 21:13	75-00-3	
Chloroform	ND	mg/L	0.00050	1		07/20/21 21:13	67-66-3	
Chloromethane	ND	mg/L	0.00050	1		07/20/21 21:13	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Sample: TB-02 (071421) **Lab ID: 20214666010** Collected: 07/14/21 00:00 Received: 07/15/21 06:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - New Orleans							
1,2-Dibromo-3-chloropropane	ND	mg/L	0.00020	1		07/20/21 21:13	96-12-8	
Dibromochloromethane	ND	mg/L	0.00050	1		07/20/21 21:13	124-48-1	
1,1-Dichloroethane	ND	mg/L	0.00050	1		07/20/21 21:13	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.00050	1		07/20/21 21:13	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.00050	1		07/20/21 21:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	1		07/20/21 21:13	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.00050	1		07/20/21 21:13	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.00050	1		07/20/21 21:13	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/20/21 21:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/20/21 21:13	10061-02-6	
Ethylbenzene	ND	mg/L	0.00050	1		07/20/21 21:13	100-41-4	
Isobutanol	ND	mg/L	0.050	1		07/20/21 21:13	78-83-1	
Methylene Chloride	ND	mg/L	0.00050	1		07/20/21 21:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.0010	1		07/20/21 21:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.00050	1		07/20/21 21:13	1634-04-4	
Styrene	ND	mg/L	0.0010	1		07/20/21 21:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	1		07/20/21 21:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.00050	1		07/20/21 21:13	79-34-5	
Tetrachloroethene	ND	mg/L	0.00050	1		07/20/21 21:13	127-18-4	
Toluene	ND	mg/L	0.00050	1		07/20/21 21:13	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/L	0.0020	1		07/20/21 21:13	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.00050	1		07/20/21 21:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.00050	1		07/20/21 21:13	79-00-5	
Trichloroethene	ND	mg/L	0.00050	1		07/20/21 21:13	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	1		07/20/21 21:13	75-69-4	
Vinyl chloride	ND	mg/L	0.00050	1		07/20/21 21:13	75-01-4	
m&p-Xylene	ND	mg/L	0.0020	1		07/20/21 21:13	179601-23-1	
o-Xylene	ND	mg/L	0.0010	1		07/20/21 21:13	95-47-6	
Surrogates								
Dibromofluoromethane (S)	94	%.	72-126	1		07/20/21 21:13	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	68-124	1		07/20/21 21:13	460-00-4	
Toluene-d8 (S)	98	%.	79-119	1		07/20/21 21:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 1710888
QC Batch Method: 3546/3665A
Analysis Method: EPA 8081
Analysis Description: Pesticides (GC) 8081
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

METHOD BLANK: R3684055-1 Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aldrin	mg/kg	ND	0.0200	07/25/21 13:58	
alpha-BHC	mg/kg	ND	0.0200	07/25/21 13:58	
beta-BHC	mg/kg	ND	0.0200	07/25/21 13:58	
delta-BHC	mg/kg	ND	0.0200	07/25/21 13:58	
gamma-BHC (Lindane)	mg/kg	ND	0.0200	07/25/21 13:58	
4,4'-DDD	mg/kg	ND	0.0200	07/25/21 13:58	
4,4'-DDE	mg/kg	ND	0.0200	07/25/21 13:58	
4,4'-DDT	mg/kg	ND	0.0200	07/25/21 13:58	
Dieldrin	mg/kg	ND	0.0200	07/25/21 13:58	
Endosulfan I	mg/kg	ND	0.0200	07/25/21 13:58	
Endosulfan II	mg/kg	ND	0.0200	07/25/21 13:58	
Endosulfan sulfate	mg/kg	ND	0.0200	07/25/21 13:58	
Endrin	mg/kg	ND	0.0200	07/25/21 13:58	
Endrin aldehyde	mg/kg	ND	0.0200	07/25/21 13:58	
Endrin ketone	mg/kg	ND	0.0200	07/25/21 13:58	
Heptachlor	mg/kg	ND	0.0200	07/25/21 13:58	
Heptachlor epoxide	mg/kg	ND	0.0200	07/25/21 13:58	
Hexachlorobenzene	mg/kg	ND	0.0200	07/25/21 13:58	
Methoxychlor	mg/kg	ND	0.0200	07/25/21 13:58	
Chlordane (Technical)	mg/kg	ND	0.300	07/25/21 13:58	
Toxaphene	mg/kg	ND	0.400	07/25/21 13:58	

LABORATORY CONTROL SAMPLE: R3684055-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aldrin	mg/kg	0.0666	0.0592	88.9	34.0-136	
alpha-BHC	mg/kg	0.0666	0.0539	80.9	34.0-139	
beta-BHC	mg/kg	0.0666	0.0624	93.7	34.0-133	
delta-BHC	mg/kg	0.0666	0.0520	78.1	34.0-135	
gamma-BHC (Lindane)	mg/kg	0.0666	0.0558	83.8	34.0-136	
4,4'-DDD	mg/kg	0.0666	0.0559	83.9	33.0-141	
4,4'-DDE	mg/kg	0.0666	0.0580	87.1	34.0-134	
4,4'-DDT	mg/kg	0.0666	0.0520	78.1	30.0-143	
Dieldrin	mg/kg	0.0666	0.0577	86.6	35.0-137	
Endosulfan I	mg/kg	0.0666	0.0609	91.4	34.0-134	
Endosulfan II	mg/kg	0.0666	0.0589	88.4	35.0-132	
Endosulfan sulfate	mg/kg	0.0666	0.0563	84.5	35.0-132	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

LABORATORY CONTROL SAMPLE: R3684055-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin	mg/kg	0.0666	0.0562	84.4	34.0-137	
Endrin aldehyde	mg/kg	0.0666	0.0545	81.8	23.0-121	
Endrin ketone	mg/kg	0.0666	0.0519	77.9	35.0-144	
Heptachlor	mg/kg	0.0666	0.0745	112	36.0-141	
Heptachlor epoxide	mg/kg	0.0666	0.0597	89.6	36.0-134	
Hexachlorobenzene	mg/kg	0.0666	0.0546	82.0	33.0-129	
Methoxychlor	mg/kg	0.0666	0.0545	81.8	28.0-150	
Decachlorobiphenyl (S)	%			71.3	10.0-135	
Tetrachloro-m-xylene (S)	%			90.7	10.0-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684055-3 R3684055-4

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aldrin	mg/kg	ND	0.0666	0.0666	0.0530	0.0585	79.6	87.8	20.0-135	9.87	37	
alpha-BHC	mg/kg	ND	0.0666	0.0666	0.0543	0.0574	81.5	86.2	27.0-140	5.55	35	
beta-BHC	mg/kg	ND	0.0666	0.0666	0.0629	0.0664	94.4	99.7	23.0-141	5.41	37	
delta-BHC	mg/kg	ND	0.0666	0.0666	0.0517	0.0542	77.6	81.4	21.0-138	4.72	35	
gamma-BHC (Lindane)	mg/kg	ND	0.0666	0.0666	0.0560	0.0588	84.1	88.3	27.0-137	4.88	36	
4,4'-DDD	mg/kg	ND	0.0666	0.0666	0.0616	0.0677	92.5	102	15.0-152	9.44	39	
4,4'-DDE	mg/kg	ND	0.0666	0.0666	0.0569	0.0641	85.4	96.2	10.0-152	11.9	40	
4,4'-DDT	mg/kg	ND	0.0666	0.0666	0.0468	0.0503	70.3	75.5	10.0-151	7.21	40	
Dieldrin	mg/kg	ND	0.0666	0.0666	0.0564	0.0605	84.7	90.8	17.0-145	7.01	37	
Endosulfan I	mg/kg	ND	0.0666	0.0666	0.0584	0.0625	87.7	93.8	20.0-137	6.78	36	
Endosulfan II	mg/kg	ND	0.0666	0.0666	0.0586	0.0619	88.0	92.9	15.0-141	5.48	37	
Endosulfan sulfate	mg/kg	ND	0.0666	0.0666	0.0619	0.0631	92.9	94.7	15.0-143	1.92	38	
Endrin	mg/kg	ND	0.0666	0.0666	0.0561	0.0590	84.2	88.6	19.0-143	5.04	37	
Endrin aldehyde	mg/kg	ND	0.0666	0.0666	0.0448	0.0666	67.3	100	10.0-139	39.1	40	
Endrin ketone	mg/kg	ND	0.0666	0.0666	0.0607	0.0613	91.1	92.0	17.0-149	0.984	38	
Heptachlor	mg/kg	ND	0.0666	0.0666	0.0672	0.0759	101	114	22.0-138	12.2	37	
Heptachlor epoxide	mg/kg	ND	0.0666	0.0666	0.0573	0.0616	86.0	92.5	22.0-138	7.23	36	
Hexachlorobenzene	mg/kg	ND	0.0666	0.0666	0.0491	0.0627	73.7	94.1	25.0-126	24.3	35	
Methoxychlor	mg/kg	ND	0.0666	0.0666	0.0561	0.0574	84.2	86.2	10.0-159	2.29	40	
Decachlorobiphenyl (S)	%						91.7	104	10.0-135			
Tetrachloro-m-xylene (S)	%						89.5	90.8	10.0-139			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 1710888
QC Batch Method: 3546/3665A
Analysis Method: EPA 8082
Analysis Description: PCBs(GC) 8082
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

METHOD BLANK: R3683924-1 Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.0340	07/25/21 13:38	
PCB-1221 (Aroclor 1221)	mg/kg	ND	0.0340	07/25/21 13:38	
PCB-1232 (Aroclor 1232)	mg/kg	ND	0.0340	07/25/21 13:38	
PCB-1242 (Aroclor 1242)	mg/kg	ND	0.0340	07/25/21 13:38	
PCB-1248 (Aroclor 1248)	mg/kg	ND	0.0170	07/25/21 13:38	
PCB-1254 (Aroclor 1254)	mg/kg	ND	0.0170	07/25/21 13:38	
PCB-1260 (Aroclor 1260)	mg/kg	ND	0.0170	07/25/21 13:38	
Decachlorobiphenyl (S)	%	71	10.0-135	07/25/21 13:38	
Tetrachloro-m-xylene (S)	%	79.6	10.0-139	07/25/21 13:38	

LABORATORY CONTROL SAMPLE: R3683924-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1260 (Aroclor 1260)	mg/kg	0.167	0.125	74.9	37.0-145	
PCB-1016 (Aroclor 1016)	mg/kg	0.167	0.142	85.0	36.0-141	
Decachlorobiphenyl (S)	%			82.1	10.0-135	
Tetrachloro-m-xylene (S)	%			85.6	10.0-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3683924-3 R3683924-4

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1260 (Aroclor 1260)	mg/kg	0.0161	0.167	0.167	0.178	0.207	98.9	116	10.0-160	15.1	38	
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.167	0.167	0.172	0.191	103	114	10.0-160	10.5	37	
Decachlorobiphenyl (S)	%						91.6	95.3	10.0-135			
Tetrachloro-m-xylene (S)	%						84.2	84.4	10.0-139			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 1708908
QC Batch Method: 8151A
Analysis Method: EPA 8151
Analysis Description: Chlorinated Herb. (GC) 8151
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007

METHOD BLANK: R3683196-1 Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4-D	mg/kg	ND	0.0700	07/22/21 12:04	
Dalapon	mg/kg	ND	0.0700	07/22/21 12:04	
2,4-DB	mg/kg	ND	0.0700	07/22/21 12:04	
Dicamba	mg/kg	ND	0.0700	07/22/21 12:04	
Dichloroprop	mg/kg	ND	0.0700	07/22/21 12:04	
Dinoseb	mg/kg	ND	0.0700	07/22/21 12:04	
MCPA	mg/kg	ND	6.50	07/22/21 12:04	
MCPP	mg/kg	ND	6.50	07/22/21 12:04	
2,4,5-T	mg/kg	ND	0.0700	07/22/21 12:04	
2,4,5-TP (Silvex)	mg/kg	ND	0.0700	07/22/21 12:04	
2,4-DCAA (S)	%	36.5	22.0-132	07/22/21 12:04	

LABORATORY CONTROL SAMPLE: R3683196-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-D	mg/kg	0.167	0.0721	43.2	40.0-120	
Dalapon	mg/kg	0.167	0.0609	36.5	15.0-120	
2,4-DB	mg/kg	0.167	0.0780	46.7	25.0-143	
Dicamba	mg/kg	0.167	0.0805	48.2	43.0-120	
Dichloroprop	mg/kg	0.167	0.0817	48.9	32.0-129	
Dinoseb	mg/kg	0.167	0.0596	35.7	10.0-120	
MCPA	mg/kg	1.67	0.698	41.8	31.0-121	
MCPP	mg/kg	1.67	2.08	125	28.0-133	
2,4,5-T	mg/kg	0.167	0.0720	43.1	41.0-120	
2,4,5-TP (Silvex)	mg/kg	0.167	0.0803	48.1	42.0-120	
2,4-DCAA (S)	%			43.5	22.0-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3683196-3 R3683196-4

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-D	mg/kg	ND	0.165	0.165	0.0509	0.0802	30.8	48.6	10.0-160	44.7	24	R1
Dalapon	mg/kg	ND	0.165	0.165	0.0428	0.0742	25.9	45.0	10.0-121	53.7	27	R1
2,4-DB	mg/kg	ND	0.165	0.165	0.0561	0.0911	34.0	55.2	10.0-160	47.6	22	R1
Dicamba	mg/kg	ND	0.165	0.165	0.0503	0.0874	30.5	53.0	10.0-154	53.9	21	R1
Dichloroprop	mg/kg	ND	0.165	0.165	0.0603	0.0754	36.5	45.7	10.0-158	22.3	20	R1
Dinoseb	mg/kg	ND	0.165	0.165	0.0400	0.0604	24.2	36.6	10.0-120	40.6	40	R1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		R3683196-3			R3683196-4							
Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
MCPA	mg/kg	ND	1.65	1.65	0.530	0.904	32.1	54.8	10.0-160	52.2	40	R1
MCPP	mg/kg	ND	1.65	1.65	1.18	1.53	71.5	92.7	10.0-160	25.8	40	
2,4,5-T	mg/kg	ND	0.165	0.165	0.0443	0.0687	26.8	41.6	10.0-157	43.2	20	R1
2,4,5-TP (Silvex)	mg/kg	ND	0.165	0.165	0.0495	0.0782	30.0	47.4	10.0-156	44.9	20	R1
2,4-DCAA (S)	%						29.3	46.5	22.0-132			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 1709278
QC Batch Method: 8151A
Analysis Method: EPA 8151
Analysis Description: Chlorinated Herb. (GC) 8151
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214666008, 20214666009

METHOD BLANK: R3684092-1 Matrix: Solid
Associated Lab Samples: 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4-D	mg/kg	ND	0.0700	07/26/21 12:25	
Dalapon	mg/kg	ND	0.0700	07/26/21 12:25	
2,4-DB	mg/kg	ND	0.0700	07/26/21 12:25	
Dicamba	mg/kg	ND	0.0700	07/26/21 12:25	
Dichloroprop	mg/kg	ND	0.0700	07/26/21 12:25	
Dinoseb	mg/kg	ND	0.0700	07/26/21 12:25	
MCPA	mg/kg	ND	6.50	07/26/21 12:25	
MCPP	mg/kg	ND	6.50	07/26/21 12:25	
2,4,5-T	mg/kg	ND	0.0700	07/26/21 12:25	
2,4,5-TP (Silvex)	mg/kg	ND	0.0700	07/26/21 12:25	
2,4-DCAA (S)	%	81.4	22.0-132	07/26/21 12:25	

LABORATORY CONTROL SAMPLE: R3684092-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-D	mg/kg	0.167	0.143	85.6	40.0-120	
Dalapon	mg/kg	0.167	0.134	80.2	15.0-120	
2,4-DB	mg/kg	0.167	0.154	92.2	25.0-143	P9
Dicamba	mg/kg	0.167	0.165	98.8	43.0-120	
Dichloroprop	mg/kg	0.167	0.153	91.6	32.0-129	
Dinoseb	mg/kg	0.167	0.117	70.1	10.0-120	
MCPA	mg/kg	1.67	3.06	183	31.0-121	E,L0
MCPP	mg/kg	1.67	3.96	237	28.0-133	E,L0
2,4,5-T	mg/kg	0.167	0.132	79.0	41.0-120	
2,4,5-TP (Silvex)	mg/kg	0.167	0.156	93.4	42.0-120	
2,4-DCAA (S)	%			85.0	22.0-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684092-3 R3684092-4

Parameter	Units	L1379797-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-D	mg/kg	ND	0.167	0.166	0.116	0.127	69.5	76.5	10.0-160	9.05	24	
Dalapon	mg/kg	ND	0.167	0.166	0.114	0.119	68.3	71.7	10.0-121	4.29	27	
2,4-DB	mg/kg	ND	0.167	0.166	0.129	0.151	77.2	91.0	10.0-160	15.7	22	
Dicamba	mg/kg	ND	0.167	0.166	0.130	0.142	77.8	85.5	10.0-154	8.82	21	
Dichloroprop	mg/kg	ND	0.167	0.166	0.113	0.127	67.7	76.5	10.0-158	11.7	20	
Dinoseb	mg/kg	ND	0.167	0.166	0.0924	0.101	55.3	60.8	10.0-120	8.89	40	

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684092-3 R3684092-4

Parameter	Units	L1379797-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
MCPA	mg/kg	ND	1.67	1.66	1.67	1.81	100	109	10.0-160	8.05	40	E
MCPP	mg/kg	ND	1.67	1.66	2.55	2.67	153	161	10.0-160	4.60	40	MH
2,4,5-T	mg/kg	ND	0.167	0.166	0.103	0.114	61.7	68.7	10.0-157	10.1	20	
2,4,5-TP (Silvex)	mg/kg	ND	0.167	0.166	0.116	0.130	69.5	78.3	10.0-156	11.4	20	
2,4-DCAA (S)	%						73.7	81.3	22.0-132			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 231258 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

METHOD BLANK: 1087811 | Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.020	07/16/21 12:51	

LABORATORY CONTROL SAMPLE: 1087812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.1	0.10	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1087813 1087814

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.44	0.086	0.065	0.41	0.36	-37	-127	75-125	13	20	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 231259
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

METHOD BLANK: 1087815 Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	07/19/21 11:34	
Barium	mg/kg	ND	20.0	07/19/21 11:34	
Cadmium	mg/kg	ND	0.50	07/19/21 11:34	
Chromium	mg/kg	ND	1.0	07/19/21 11:34	
Lead	mg/kg	ND	0.50	07/19/21 11:34	
Selenium	mg/kg	ND	2.0	07/19/21 11:34	
Silver	mg/kg	ND	1.0	07/19/21 11:34	

LABORATORY CONTROL SAMPLE: 1087816

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	96.3	96	84-115	
Barium	mg/kg	100	101	101	85-115	
Cadmium	mg/kg	100	96.5	97	85-115	
Chromium	mg/kg	100	101	101	85-115	
Lead	mg/kg	100	97.6	98	85-115	
Selenium	mg/kg	100	91.8	92	77-115	
Silver	mg/kg	50	48.4	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1087817 1087818

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	8.2	90.9	86.2	95.4	94.6	96	100	80-120	1	20	
Barium	mg/kg	183	90.9	86.2	283	274	110	105	80-120	3	20	
Cadmium	mg/kg	3.0	90.9	86.2	87.2	82.8	93	93	80-120	5	20	
Chromium	mg/kg	19.5	90.9	86.2	111	108	101	103	80-120	2	20	
Lead	mg/kg	265	90.9	86.2	340	322	82	65	80-120	6	20	M1
Selenium	mg/kg	ND	90.9	86.2	84.7	80.5	93	93	80-120	5	20	
Silver	mg/kg	ND	45.5	43.1	45.2	43.5	98	99	80-120	4	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 233706
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666004, 20214666006

METHOD BLANK: 1099941 Matrix: Water
Associated Lab Samples: 20214666004, 20214666006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	ND	0.20	08/12/21 12:02	

METHOD BLANK: 1099028 Matrix: Water
Associated Lab Samples: 20214666004, 20214666006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	ND	0.20	08/12/21 14:04	

LABORATORY CONTROL SAMPLE: 1099942

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	2	2.0	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1099943 1099944

Parameter	Units	20214666004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/L	ND	2	2	2.1	2.0	102	99	80-120	3	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 231750
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035 Low Level
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

METHOD BLANK: 1090037
Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	07/21/21 16:57	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	07/21/21 16:57	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	07/21/21 16:57	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	07/21/21 16:57	
1,1-Dichloroethane	mg/kg	ND	0.0050	07/21/21 16:57	
1,1-Dichloroethene	mg/kg	ND	0.0050	07/21/21 16:57	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	07/21/21 16:57	
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.0050	07/21/21 16:57	
1,2-Dichloroethane	mg/kg	ND	0.0050	07/21/21 16:57	
1,2-Dichloropropane	mg/kg	ND	0.0050	07/21/21 16:57	
2-Butanone (MEK)	mg/kg	ND	0.010	07/21/21 16:57	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.010	07/21/21 16:57	
Acetone	mg/kg	ND	0.010	07/21/21 16:57	
Benzene	mg/kg	ND	0.0050	07/21/21 16:57	
Bromodichloromethane	mg/kg	ND	0.0050	07/21/21 16:57	
Bromoform	mg/kg	ND	0.0050	07/21/21 16:57	
Bromomethane	mg/kg	ND	0.0050	07/21/21 16:57	
Carbon disulfide	mg/kg	ND	0.0050	07/21/21 16:57	
Carbon tetrachloride	mg/kg	ND	0.0050	07/21/21 16:57	
Chlorobenzene	mg/kg	ND	0.0050	07/21/21 16:57	
Chloroethane	mg/kg	ND	0.0050	07/21/21 16:57	
Chloroform	mg/kg	ND	0.0050	07/21/21 16:57	
Chloromethane	mg/kg	ND	0.0050	07/21/21 16:57	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	07/21/21 16:57	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	07/21/21 16:57	
Dibromochloromethane	mg/kg	ND	0.0050	07/21/21 16:57	
Ethylbenzene	mg/kg	ND	0.0050	07/21/21 16:57	
Isobutanol	mg/kg	ND	0.25	07/21/21 16:57	
m&p-Xylene	mg/kg	ND	0.010	07/21/21 16:57	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	07/21/21 16:57	
Methylene Chloride	mg/kg	ND	0.0050	07/21/21 16:57	
o-Xylene	mg/kg	ND	0.0050	07/21/21 16:57	
Styrene	mg/kg	ND	0.0050	07/21/21 16:57	
Tetrachloroethene	mg/kg	ND	0.0050	07/21/21 16:57	
Toluene	mg/kg	ND	0.0050	07/21/21 16:57	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	07/21/21 16:57	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	07/21/21 16:57	
Trichloroethene	mg/kg	ND	0.0050	07/21/21 16:57	
Trichlorofluoromethane	mg/kg	ND	0.0050	07/21/21 16:57	

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

METHOD BLANK: 1090037 Matrix: Solid

Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	mg/kg	ND	0.0020	07/21/21 16:57	
4-Bromofluorobenzene (S)	%.	97	64-139	07/21/21 16:57	
Dibromofluoromethane (S)	%.	104	66-143	07/21/21 16:57	
Toluene-d8 (S)	%.	101	75-125	07/21/21 16:57	

METHOD BLANK: 1091182 Matrix: Solid

Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	07/22/21 18:23	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	07/22/21 18:23	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	07/22/21 18:23	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	07/22/21 18:23	
1,1-Dichloroethane	mg/kg	ND	0.0050	07/22/21 18:23	
1,1-Dichloroethene	mg/kg	ND	0.0050	07/22/21 18:23	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	07/22/21 18:23	
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.0050	07/22/21 18:23	
1,2-Dichloroethane	mg/kg	ND	0.0050	07/22/21 18:23	
1,2-Dichloropropane	mg/kg	ND	0.0050	07/22/21 18:23	
2-Butanone (MEK)	mg/kg	ND	0.010	07/22/21 18:23	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.010	07/22/21 18:23	
Acetone	mg/kg	ND	0.010	07/22/21 18:23	
Benzene	mg/kg	ND	0.0050	07/22/21 18:23	
Bromodichloromethane	mg/kg	ND	0.0050	07/22/21 18:23	
Bromoform	mg/kg	ND	0.0050	07/22/21 18:23	
Bromomethane	mg/kg	ND	0.0050	07/22/21 18:23	
Carbon disulfide	mg/kg	ND	0.0050	07/22/21 18:23	
Carbon tetrachloride	mg/kg	ND	0.0050	07/22/21 18:23	
Chlorobenzene	mg/kg	ND	0.0050	07/22/21 18:23	
Chloroethane	mg/kg	ND	0.0050	07/22/21 18:23	
Chloroform	mg/kg	ND	0.0050	07/22/21 18:23	
Chloromethane	mg/kg	ND	0.0050	07/22/21 18:23	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	07/22/21 18:23	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	07/22/21 18:23	
Dibromochloromethane	mg/kg	ND	0.0050	07/22/21 18:23	
Ethylbenzene	mg/kg	ND	0.0050	07/22/21 18:23	
Isobutanol	mg/kg	ND	0.25	07/22/21 18:23	
m&p-Xylene	mg/kg	ND	0.010	07/22/21 18:23	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	07/22/21 18:23	
Methylene Chloride	mg/kg	ND	0.0050	07/22/21 18:23	
o-Xylene	mg/kg	ND	0.0050	07/22/21 18:23	
Styrene	mg/kg	ND	0.0050	07/22/21 18:23	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

METHOD BLANK: 1091182 Matrix: Solid

Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	mg/kg	ND	0.0050	07/22/21 18:23	
Toluene	mg/kg	ND	0.0050	07/22/21 18:23	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	07/22/21 18:23	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	07/22/21 18:23	
Trichloroethene	mg/kg	ND	0.0050	07/22/21 18:23	
Trichlorofluoromethane	mg/kg	ND	0.0050	07/22/21 18:23	
Vinyl chloride	mg/kg	ND	0.0020	07/22/21 18:23	
4-Bromofluorobenzene (S)	%.	96	64-139	07/22/21 18:23	
Dibromofluoromethane (S)	%.	104	66-143	07/22/21 18:23	
Toluene-d8 (S)	%.	102	75-125	07/22/21 18:23	

LABORATORY CONTROL SAMPLE: 1090038

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.054	107	72-121	
1,1,1-Trichloroethane	mg/kg	0.05	0.055	111	76-126	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.060	119	65-129	
1,1,2-Trichloroethane	mg/kg	0.05	0.056	112	75-121	
1,1-Dichloroethane	mg/kg	0.05	0.055	110	71-127	
1,1-Dichloroethene	mg/kg	0.05	0.056	113	63-130	
1,2,4-Trichlorobenzene	mg/kg	0.05	0.046	93	67-123	
1,2-Dibromo-3-chloropropane	mg/kg	0.05	0.059	119	59-131	
1,2-Dichloroethane	mg/kg	0.05	0.059	118	65-131	
1,2-Dichloropropane	mg/kg	0.05	0.053	106	72-125	
2-Butanone (MEK)	mg/kg	0.05	0.053	105	34-170	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.05	0.054	107	58-141	
Acetone	mg/kg	0.05	0.046	93	16-192	
Benzene	mg/kg	0.05	0.054	109	74-132	
Bromodichloromethane	mg/kg	0.05	0.056	111	73-117	
Bromoform	mg/kg	0.05	0.054	108	58-132	
Bromomethane	mg/kg	0.05	0.057	114	47-157	
Carbon disulfide	mg/kg	0.05	0.056	111	52-145	
Carbon tetrachloride	mg/kg	0.05	0.054	107	68-129	
Chlorobenzene	mg/kg	0.05	0.054	107	79-121	
Chloroethane	mg/kg	0.05	0.061	122	34-160	
Chloroform	mg/kg	0.05	0.056	111	70-120	
Chloromethane	mg/kg	0.05	0.050	100	44-142	
cis-1,2-Dichloroethene	mg/kg	0.05	0.055	109	71-124	
cis-1,3-Dichloropropene	mg/kg	0.05	0.055	110	77-121	
Dibromochloromethane	mg/kg	0.05	0.055	111	67-122	
Ethylbenzene	mg/kg	0.05	0.053	106	79-116	
m&p-Xylene	mg/kg	0.1	0.11	106	78-119	
Methyl-tert-butyl ether	mg/kg	0.05	0.058	116	58-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

LABORATORY CONTROL SAMPLE: 1090038

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	mg/kg	0.05	0.058	116	49-145	
o-Xylene	mg/kg	0.05	0.053	106	77-121	
Styrene	mg/kg	0.05	0.052	104	81-123	
Tetrachloroethene	mg/kg	0.05	0.050	99	62-138	
Toluene	mg/kg	0.05	0.054	107	79-120	
trans-1,2-Dichloroethene	mg/kg	0.05	0.053	106	68-125	
trans-1,3-Dichloropropene	mg/kg	0.05	0.056	113	77-121	
Trichloroethene	mg/kg	0.05	0.054	107	77-117	
Trichlorofluoromethane	mg/kg	0.05	0.056	112	45-164	
Vinyl chloride	mg/kg	0.05	0.054	108	48-130	
4-Bromofluorobenzene (S)	%.			97	64-139	
Dibromofluoromethane (S)	%.			105	66-143	
Toluene-d8 (S)	%.			99	75-125	

LABORATORY CONTROL SAMPLE: 1091183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.052	103	72-121	
1,1,1-Trichloroethane	mg/kg	0.05	0.054	109	76-126	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.058	117	65-129	
1,1,2-Trichloroethane	mg/kg	0.05	0.056	111	75-121	
1,1-Dichloroethane	mg/kg	0.05	0.056	111	71-127	
1,1-Dichloroethene	mg/kg	0.05	0.053	107	63-130	
1,2,4-Trichlorobenzene	mg/kg	0.05	0.045	90	67-123	
1,2-Dibromo-3-chloropropane	mg/kg	0.05	0.058	115	59-131	
1,2-Dichloroethane	mg/kg	0.05	0.058	115	65-131	
1,2-Dichloropropane	mg/kg	0.05	0.055	110	72-125	
2-Butanone (MEK)	mg/kg	0.05	0.053	106	34-170	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.05	0.054	107	58-141	
Acetone	mg/kg	0.05	0.047	94	16-192	
Benzene	mg/kg	0.05	0.055	110	74-132	
Bromodichloromethane	mg/kg	0.05	0.056	112	73-117	
Bromoform	mg/kg	0.05	0.049	99	58-132	
Bromomethane	mg/kg	0.05	0.053	105	47-157	
Carbon disulfide	mg/kg	0.05	0.053	107	52-145	
Carbon tetrachloride	mg/kg	0.05	0.053	106	68-129	
Chlorobenzene	mg/kg	0.05	0.052	104	79-121	
Chloroethane	mg/kg	0.05	0.058	115	34-160	
Chloroform	mg/kg	0.05	0.055	111	70-120	
Chloromethane	mg/kg	0.05	0.051	102	44-142	
cis-1,2-Dichloroethene	mg/kg	0.05	0.055	110	71-124	
cis-1,3-Dichloropropene	mg/kg	0.05	0.055	111	77-121	
Dibromochloromethane	mg/kg	0.05	0.054	109	67-122	
Ethylbenzene	mg/kg	0.05	0.052	104	79-116	
m&p-Xylene	mg/kg	0.1	0.10	103	78-119	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

LABORATORY CONTROL SAMPLE: 1091183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	mg/kg	0.05	0.055	110	58-135	
Methylene Chloride	mg/kg	0.05	0.058	117	49-145	
o-Xylene	mg/kg	0.05	0.051	102	77-121	
Styrene	mg/kg	0.05	0.050	101	81-123	
Tetrachloroethene	mg/kg	0.05	0.050	100	62-138	
Toluene	mg/kg	0.05	0.054	108	79-120	
trans-1,2-Dichloroethene	mg/kg	0.05	0.053	106	68-125	
trans-1,3-Dichloropropene	mg/kg	0.05	0.056	111	77-121	
Trichloroethene	mg/kg	0.05	0.053	106	77-117	
Trichlorofluoromethane	mg/kg	0.05	0.054	109	45-164	
Vinyl chloride	mg/kg	0.05	0.051	102	48-130	
4-Bromofluorobenzene (S)	%.			96	64-139	
Dibromofluoromethane (S)	%.			105	66-143	
Toluene-d8 (S)	%.			102	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1090039 1090040

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.052	0.048	0.033	0.022	63	45	62-139	41	20	M1,R1
1,1,1-Trichloroethane	mg/kg	ND	0.052	0.048	0.045	0.042	87	87	73-141	8	20	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.052	0.048	0.030	0.014	57	29	48-148	74	20	M1,R1
1,1,2-Trichloroethane	mg/kg	ND	0.052	0.048	0.038	0.021	73	44	46-154	56	20	M1,R1
1,1-Dichloroethane	mg/kg	ND	0.052	0.048	0.044	0.039	85	81	63-145	13	20	
1,1-Dichloroethene	mg/kg	ND	0.052	0.048	0.048	0.046	92	96	28-176	4	20	
1,2,4-Trichlorobenzene	mg/kg	ND	0.052	0.048	0.0072	ND	14	0	56-145		20	M1
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.052	0.048	0.024	0.0096	46	20	40-152	85	20	M1,R1
1,2-Dichloroethane	mg/kg	ND	0.052	0.048	0.044	0.031	86	64	51-147	37	20	R1
1,2-Dichloropropane	mg/kg	ND	0.052	0.048	0.040	0.030	77	63	64-140	28	20	M1,R1
2-Butanone (MEK)	mg/kg	ND	0.052	0.048	0.041	0.033	79	68	10-200	23	20	R1
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.052	0.048	0.041	0.027	80	56	36-165	44	20	R1
Acetone	mg/kg	0.011	0.052	0.048	0.042	0.062	60	107	10-200	38	20	R1
Benzene	mg/kg	ND	0.052	0.048	0.042	0.038	81	78	29-186	11	20	
Bromodichloromethane	mg/kg	ND	0.052	0.048	0.040	0.027	76	55	58-139	39	20	M1,R1
Bromoform	mg/kg	ND	0.052	0.048	0.028	0.012	53	25	57-135	79	20	M1,R1
Bromomethane	mg/kg	ND	0.052	0.048	0.051	0.044	98	93	42-168	13	20	
Carbon disulfide	mg/kg	ND	0.052	0.048	0.045	0.043	87	89	44-170	6	20	
Carbon tetrachloride	mg/kg	ND	0.052	0.048	0.043	0.041	83	85	45-162	6	20	
Chlorobenzene	mg/kg	ND	0.052	0.048	0.030	0.020	58	42	71-135	40	20	M1,R1
Chloroethane	mg/kg	ND	0.052	0.048	0.057	0.050	109	104	32-175	13	20	
Chloroform	mg/kg	ND	0.052	0.048	0.043	0.035	83	73	61-136	21	20	R1
Chloromethane	mg/kg	ND	0.052	0.048	0.045	0.041	88	85	38-154	10	20	
cis-1,2-Dichloroethene	mg/kg	ND	0.052	0.048	0.042	0.034	80	70	44-160	21	20	R1
cis-1,3-Dichloropropene	mg/kg	ND	0.052	0.048	0.037	0.024	71	50	47-153	43	20	R1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1090039 1090040

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dibromochloromethane	mg/kg	ND	0.052	0.048	0.034	0.019	66	39	64-130	60	20	M1,R1
Ethylbenzene	mg/kg	ND	0.052	0.048	0.034	0.028	65	59	51-153	18	20	
m&p-Xylene	mg/kg	ND	0.1	0.096	0.065	0.052	62	54	30-173	22	20	R1
Methyl-tert-butyl ether	mg/kg	ND	0.052	0.048	0.047	0.036	91	75	36-160	27	20	R1
Methylene Chloride	mg/kg	ND	0.052	0.048	0.045	0.036	86	75	56-140	22	20	R1
o-Xylene	mg/kg	ND	0.052	0.048	0.031	0.023	60	48	10-197	30	20	R1
Styrene	mg/kg	ND	0.052	0.048	0.025	0.015	48	31	37-163	51	20	M1,R1
Tetrachloroethene	mg/kg	ND	0.052	0.048	0.034	0.031	66	64	18-193	11	20	
Toluene	mg/kg	ND	0.052	0.048	0.039	0.033	76	70	33-175	16	20	
trans-1,2-Dichloroethene	mg/kg	ND	0.052	0.048	0.042	0.037	81	78	63-140	12	20	
trans-1,3-Dichloropropene	mg/kg	ND	0.052	0.048	0.035	0.019	67	41	47-153	57	20	M1,R1
Trichloroethene	mg/kg	ND	0.052	0.048	0.040	0.034	77	71	24-181	15	20	
Trichlorofluoromethane	mg/kg	ND	0.052	0.048	0.054	0.048	104	100	37-182	11	20	
Vinyl chloride	mg/kg	ND	0.052	0.048	0.051	0.045	97	95	19-169	11	20	
4-Bromofluorobenzene (S)	%.						98	103	64-139			
Dibromofluoromethane (S)	%.						109	109	66-143			
Toluene-d8 (S)	%.						101	101	75-125			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 231627
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666005, 20214666010

METHOD BLANK: 1089415 Matrix: Water
Associated Lab Samples: 20214666005, 20214666010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	ND	0.0010	07/20/21 18:34	
1,1,1-Trichloroethane	mg/L	ND	0.00050	07/20/21 18:34	
1,1,2,2-Tetrachloroethane	mg/L	ND	0.00050	07/20/21 18:34	
1,1,2-Trichloroethane	mg/L	ND	0.00050	07/20/21 18:34	
1,1-Dichloroethane	mg/L	ND	0.00050	07/20/21 18:34	
1,1-Dichloroethene	mg/L	ND	0.00050	07/20/21 18:34	
1,2,4-Trichlorobenzene	mg/L	ND	0.0020	07/20/21 18:34	
1,2-Dibromo-3-chloropropane	mg/L	ND	0.00020	07/20/21 18:34	
1,2-Dichloroethane	mg/L	ND	0.00050	07/20/21 18:34	
1,2-Dichloropropane	mg/L	ND	0.00050	07/20/21 18:34	
2-Butanone (MEK)	mg/L	ND	0.0020	07/20/21 18:34	
4-Methyl-2-pentanone (MIBK)	mg/L	ND	0.0010	07/20/21 18:34	
Acetone	mg/L	ND	0.0040	07/20/21 18:34	
Benzene	mg/L	ND	0.00050	07/20/21 18:34	
Bromodichloromethane	mg/L	ND	0.00050	07/20/21 18:34	
Bromoform	mg/L	ND	0.0010	07/20/21 18:34	
Bromomethane	mg/L	ND	0.00050	07/20/21 18:34	
Carbon disulfide	mg/L	ND	0.0010	07/20/21 18:34	
Carbon tetrachloride	mg/L	ND	0.00050	07/20/21 18:34	
Chlorobenzene	mg/L	ND	0.00050	07/20/21 18:34	
Chloroethane	mg/L	ND	0.00050	07/20/21 18:34	
Chloroform	mg/L	ND	0.00050	07/20/21 18:34	
Chloromethane	mg/L	ND	0.00050	07/20/21 18:34	
cis-1,2-Dichloroethene	mg/L	ND	0.0010	07/20/21 18:34	
cis-1,3-Dichloropropene	mg/L	ND	0.00050	07/20/21 18:34	
Dibromochloromethane	mg/L	ND	0.00050	07/20/21 18:34	
Ethylbenzene	mg/L	ND	0.00050	07/20/21 18:34	
Isobutanol	mg/L	ND	0.050	07/20/21 18:34	
m&p-Xylene	mg/L	ND	0.0020	07/20/21 18:34	
Methyl-tert-butyl ether	mg/L	ND	0.00050	07/20/21 18:34	
Methylene Chloride	mg/L	ND	0.00050	07/20/21 18:34	
o-Xylene	mg/L	ND	0.0010	07/20/21 18:34	
Styrene	mg/L	ND	0.0010	07/20/21 18:34	
Tetrachloroethene	mg/L	ND	0.00050	07/20/21 18:34	
Toluene	mg/L	ND	0.00050	07/20/21 18:34	
trans-1,2-Dichloroethene	mg/L	ND	0.00050	07/20/21 18:34	
trans-1,3-Dichloropropene	mg/L	ND	0.00050	07/20/21 18:34	
Trichloroethene	mg/L	ND	0.00050	07/20/21 18:34	
Trichlorofluoromethane	mg/L	ND	0.0010	07/20/21 18:34	
Vinyl chloride	mg/L	ND	0.00050	07/20/21 18:34	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

METHOD BLANK: 1089415 Matrix: Water
Associated Lab Samples: 20214666005, 20214666010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	95	68-124	07/20/21 18:34	
Dibromofluoromethane (S)	%.	95	72-126	07/20/21 18:34	
Toluene-d8 (S)	%.	99	79-119	07/20/21 18:34	

LABORATORY CONTROL SAMPLE: 1089416

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	0.05	0.054	108	66-134	
1,1,1-Trichloroethane	mg/L	0.05	0.049	98	62-131	
1,1,2,2-Tetrachloroethane	mg/L	0.05	0.049	97	15-179	
1,1,2-Trichloroethane	mg/L	0.05	0.050	100	58-144	
1,1-Dichloroethane	mg/L	0.05	0.047	93	63-129	
1,1-Dichloroethene	mg/L	0.05	0.046	93	51-139	
1,2,4-Trichlorobenzene	mg/L	0.05	0.051	102	50-135	
1,2-Dibromo-3-chloropropane	mg/L	0.05	0.053	105	21-160	
1,2-Dichloroethane	mg/L	0.05	0.047	95	57-148	
1,2-Dichloropropane	mg/L	0.05	0.051	102	66-128	
2-Butanone (MEK)	mg/L	0.05	0.046	91	32-183	
4-Methyl-2-pentanone (MIBK)	mg/L	0.05	0.051	101	26-171	
Acetone	mg/L	0.05	0.049	98	22-165	
Benzene	mg/L	0.05	0.047	94	62-131	
Bromodichloromethane	mg/L	0.05	0.052	103	69-132	
Bromoform	mg/L	0.05	0.048	97	35-166	
Bromomethane	mg/L	0.05	0.047	93	34-158	
Carbon disulfide	mg/L	0.05	0.046	92	31-128	
Carbon tetrachloride	mg/L	0.05	0.048	95	54-144	
Chlorobenzene	mg/L	0.05	0.052	104	70-127	
Chloroethane	mg/L	0.05	0.041	82	17-195	
Chloroform	mg/L	0.05	0.045	90	73-134	
Chloromethane	mg/L	0.05	0.044	88	17-153	
cis-1,2-Dichloroethene	mg/L	0.05	0.048	96	68-129	
cis-1,3-Dichloropropene	mg/L	0.05	0.051	102	72-138	
Dibromochloromethane	mg/L	0.05	0.053	107	49-146	
Ethylbenzene	mg/L	0.05	0.052	103	66-126	
m&p-Xylene	mg/L	0.1	0.10	104	65-129	
Methyl-tert-butyl ether	mg/L	0.05	0.046	93	37-166	
Methylene Chloride	mg/L	0.05	0.050	100	46-168	
o-Xylene	mg/L	0.05	0.052	103	65-124	
Styrene	mg/L	0.05	0.053	107	72-133	
Tetrachloroethene	mg/L	0.05	0.052	103	46-157	
Toluene	mg/L	0.05	0.049	97	69-126	
trans-1,2-Dichloroethene	mg/L	0.05	0.045	89	60-129	
trans-1,3-Dichloropropene	mg/L	0.05	0.052	103	59-149	
Trichloroethene	mg/L	0.05	0.051	101	67-132	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

LABORATORY CONTROL SAMPLE: 1089416

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichlorofluoromethane	mg/L	0.05	0.044	87	39-171	
Vinyl chloride	mg/L	0.05	0.042	83	27-149	
4-Bromofluorobenzene (S)	%.			97	68-124	
Dibromofluoromethane (S)	%.			93	72-126	
Toluene-d8 (S)	%.			99	79-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1089417 1089418

Parameter	Units	20214814001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/L	ND	0.05	0.05	0.055	0.054	109	107	66-136	2	20	
1,1,1-Trichloroethane	mg/L	ND	0.05	0.05	0.051	0.050	101	100	54-137	1	20	
1,1,2,2-Tetrachloroethane	mg/L	ND	0.05	0.05	0.048	0.049	97	98	15-187	2	20	
1,1,2-Trichloroethane	mg/L	ND	0.05	0.05	0.053	0.052	105	105	59-148	0	20	
1,1-Dichloroethane	mg/L	ND	0.05	0.05	0.049	0.047	98	95	59-133	3	20	
1,1-Dichloroethene	mg/L	ND	0.05	0.05	0.050	0.048	99	97	44-146	2	20	
1,2,4-Trichlorobenzene	mg/L	ND	0.05	0.05	0.053	0.053	105	105	39-153	0	20	
1,2-Dibromo-3-chloropropane	mg/L	ND	0.05	0.05	0.052	0.054	105	107	23-166	2	20	
1,2-Dichloroethane	mg/L	ND	0.05	0.05	0.048	0.049	96	97	56-154	2	20	
1,2-Dichloropropane	mg/L	ND	0.05	0.05	0.053	0.052	106	104	62-135	2	20	
2-Butanone (MEK)	mg/L	ND	0.05	0.05	0.043	0.045	85	90	20-205	5	20	
4-Methyl-2-pentanone (MIBK)	mg/L	ND	0.05	0.05	0.050	0.050	100	101	23-184	1	20	
Acetone	mg/L	ND	0.05	0.05	0.051	0.050	101	98	11-217	2	20	
Benzene	mg/L	ND	0.05	0.05	0.050	0.049	100	97	52-141	3	20	
Bromodichloromethane	mg/L	ND	0.05	0.05	0.054	0.053	108	106	70-134	2	20	
Bromoform	mg/L	ND	0.05	0.05	0.049	0.048	98	96	37-171	2	20	
Bromomethane	mg/L	ND	0.05	0.05	0.050	0.051	100	102	34-155	1	20	
Carbon disulfide	mg/L	ND	0.05	0.05	0.050	0.048	99	96	28-130	4	20	
Carbon tetrachloride	mg/L	ND	0.05	0.05	0.049	0.049	99	99	48-146	0	20	
Chlorobenzene	mg/L	ND	0.05	0.05	0.052	0.051	104	103	67-129	2	20	
Chloroethane	mg/L	ND	0.05	0.05	0.045	0.044	90	88	12-192	1	20	
Chloroform	mg/L	ND	0.05	0.05	0.047	0.046	93	93	66-143	0	20	
Chloromethane	mg/L	ND	0.05	0.05	0.049	0.049	98	97	14-155	0	20	
cis-1,2-Dichloroethene	mg/L	ND	0.05	0.05	0.049	0.049	99	99	56-141	0	20	
cis-1,3-Dichloropropene	mg/L	ND	0.05	0.05	0.053	0.051	106	102	70-139	4	20	
Dibromochloromethane	mg/L	ND	0.05	0.05	0.053	0.053	106	105	50-150	1	20	
Ethylbenzene	mg/L	ND	0.05	0.05	0.053	0.051	105	101	57-135	4	20	
m&p-Xylene	mg/L	ND	0.1	0.1	0.11	0.10	105	104	56-136	1	20	
Methyl-tert-butyl ether	mg/L	ND	0.05	0.05	0.047	0.049	95	97	35-176	3	20	
Methylene Chloride	mg/L	ND	0.05	0.05	0.050	0.051	101	102	45-166	1	20	
o-Xylene	mg/L	ND	0.05	0.05	0.051	0.052	103	104	57-133	1	20	
Styrene	mg/L	ND	0.05	0.05	0.055	0.054	109	107	58-144	2	20	
Tetrachloroethene	mg/L	ND	0.05	0.05	0.053	0.052	106	104	48-143	2	20	
Toluene	mg/L	ND	0.05	0.05	0.052	0.049	103	99	59-136	5	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1089417 1089418

Parameter	Units	20214814001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	mg/L	ND	0.05	0.05	0.047	0.047	93	94	57-132	1	20	
trans-1,3-Dichloropropene	mg/L	ND	0.05	0.05	0.052	0.051	104	101	59-154	2	20	
Trichloroethene	mg/L	ND	0.05	0.05	0.053	0.050	106	101	58-140	5	20	
Trichlorofluoromethane	mg/L	ND	0.05	0.05	0.051	0.050	102	101	24-175	1	20	
Vinyl chloride	mg/L	ND	0.05	0.05	0.048	0.047	97	94	21-150	3	20	
4-Bromofluorobenzene (S)	%.						99	102	68-124			
Dibromofluoromethane (S)	%.						91	93	72-126			
Toluene-d8 (S)	%.						101	99	79-119			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 231253
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

METHOD BLANK: 1087737 Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aniline	mg/kg	ND	0.050	07/20/21 16:33	
Dinoseb	mg/kg	ND	0.10	07/20/21 16:33	
2-Fluorobiphenyl (S)	%.	46	10-150	07/20/21 16:33	
Terphenyl-d14 (S)	%.	49	10-147	07/20/21 16:33	

LABORATORY CONTROL SAMPLE: 1087738

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aniline	mg/kg	0.067	.03J	45	30-150	
Dinoseb	mg/kg	0.067	.024J	36	30-150	
2-Fluorobiphenyl (S)	%.			78	10-150	
Terphenyl-d14 (S)	%.			81	10-147	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1087739 1087740

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	mg/kg	ND	0.066	0.066	ND	.039J	53	59	10-170		20	D3
Dinoseb	mg/kg	ND	0.066	0.066	.045J	.045J	68	67	10-170		20	
2-Fluorobiphenyl (S)	%.						81	82	10-150			
Terphenyl-d14 (S)	%.						83	83	10-147			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 231252
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

METHOD BLANK: 1087733
Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	mg/kg	ND	0.33	07/21/21 14:03	
1,2-Dichlorobenzene	mg/kg	ND	0.33	07/21/21 14:03	
1,3-Dichlorobenzene	mg/kg	ND	0.33	07/21/21 14:03	
1,3-Dinitrobenzene	mg/kg	ND	0.16	07/21/21 14:03	
1,4-Dichlorobenzene	mg/kg	ND	0.33	07/21/21 14:03	
2,2'-Oxybis(1-chloropropane)	mg/kg	ND	0.33	07/21/21 14:03	
2,3,4,6-Tetrachlorophenol	mg/kg	ND	0.33	07/21/21 14:03	
2,4,5-Trichlorophenol	mg/kg	ND	0.33	07/21/21 14:03	
2,4,6-Trichlorophenol	mg/kg	ND	0.33	07/21/21 14:03	
2,4-Dichlorophenol	mg/kg	ND	0.33	07/21/21 14:03	
2,4-Dimethylphenol	mg/kg	ND	0.33	07/21/21 14:03	
2,4-Dinitrophenol	mg/kg	ND	0.83	07/21/21 14:03	
2,4-Dinitrotoluene	mg/kg	ND	0.33	07/21/21 14:03	
2,6-Dinitrotoluene	mg/kg	ND	0.33	07/21/21 14:03	
2-Chloronaphthalene	mg/kg	ND	0.33	07/21/21 14:03	
2-Chlorophenol	mg/kg	ND	0.33	07/21/21 14:03	
2-Methylnaphthalene	mg/kg	ND	0.33	07/21/21 14:03	
2-Nitroaniline	mg/kg	ND	0.33	07/21/21 14:03	
3&4-Chloroaniline	mg/kg	ND	0.33	07/21/21 14:03	
3,3'-Dichlorobenzidine	mg/kg	ND	0.67	07/21/21 14:03	
3-Nitroaniline	mg/kg	ND	0.33	07/21/21 14:03	
4-Nitroaniline	mg/kg	ND	0.33	07/21/21 14:03	
4-Nitrophenol	mg/kg	ND	0.33	07/21/21 14:03	
Acenaphthene	mg/kg	ND	0.33	07/21/21 14:03	
Acenaphthylene	mg/kg	ND	0.33	07/21/21 14:03	
Anthracene	mg/kg	ND	0.33	07/21/21 14:03	
Benzo(a)anthracene	mg/kg	ND	0.33	07/21/21 14:03	
Benzo(a)pyrene	mg/kg	ND	0.33	07/21/21 14:03	
Benzo(b)fluoranthene	mg/kg	ND	0.33	07/21/21 14:03	
Benzo(k)fluoranthene	mg/kg	ND	0.33	07/21/21 14:03	
Biphenyl (Diphenyl)	mg/kg	ND	0.33	07/21/21 14:03	
bis(2-Chloroethyl) ether	mg/kg	ND	0.33	07/21/21 14:03	
bis(2-Ethylhexyl)phthalate	mg/kg	ND	0.33	07/21/21 14:03	
Butylbenzylphthalate	mg/kg	ND	0.33	07/21/21 14:03	
Chrysene	mg/kg	ND	0.33	07/21/21 14:03	
Di-n-octylphthalate	mg/kg	ND	0.33	07/21/21 14:03	
Dibenz(a,h)anthracene	mg/kg	ND	0.33	07/21/21 14:03	
Dibenzofuran	mg/kg	ND	0.33	07/21/21 14:03	
Diethylphthalate	mg/kg	ND	0.33	07/21/21 14:03	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

METHOD BLANK: 1087733 Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dimethylphthalate	mg/kg	ND	0.33	07/21/21 14:03	
Fluoranthene	mg/kg	ND	0.33	07/21/21 14:03	
Fluorene	mg/kg	ND	0.33	07/21/21 14:03	
Hexachloro-1,3-butadiene	mg/kg	ND	0.33	07/21/21 14:03	
Hexachlorobenzene	mg/kg	ND	0.33	07/21/21 14:03	
Hexachlorocyclopentadiene	mg/kg	ND	0.33	07/21/21 14:03	
Hexachloroethane	mg/kg	ND	0.33	07/21/21 14:03	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.33	07/21/21 14:03	
Isophorone	mg/kg	ND	0.33	07/21/21 14:03	
N-Nitroso-di-n-propylamine	mg/kg	ND	0.33	07/21/21 14:03	
N-Nitrosodiphenylamine	mg/kg	ND	0.33	07/21/21 14:03	
Naphthalene	mg/kg	ND	0.33	07/21/21 14:03	
Nitrobenzene	mg/kg	ND	0.33	07/21/21 14:03	
Pentachlorophenol	mg/kg	ND	0.33	07/21/21 14:03	
Phenanthrene	mg/kg	ND	0.33	07/21/21 14:03	
Phenol	mg/kg	ND	0.33	07/21/21 14:03	
Pyrene	mg/kg	ND	0.33	07/21/21 14:03	
2,4,6-Tribromophenol (S)	%.	70	10-138	07/21/21 14:03	
2-Fluorobiphenyl (S)	%.	75	10-129	07/21/21 14:03	
2-Fluorophenol (S)	%.	75	10-129	07/21/21 14:03	
Nitrobenzene-d5 (S)	%.	78	10-144	07/21/21 14:03	
Phenol-d6 (S)	%.	78	10-128	07/21/21 14:03	
Terphenyl-d14 (S)	%.	79	10-145	07/21/21 14:03	

LABORATORY CONTROL SAMPLE: 1087734

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	mg/kg	1.7	1.3	76	40-120	
1,2-Dichlorobenzene	mg/kg	1.7	1.2	73	47-102	
1,3-Dichlorobenzene	mg/kg	1.7	1.2	74	47-100	
1,3-Dinitrobenzene	mg/kg	1.7	1.2	75	40-114	
1,4-Dichlorobenzene	mg/kg	1.7	1.2	73	47-100	
2,2'-Oxybis(1-chloropropane)	mg/kg	1.7	1.2	71	30-114	
2,3,4,6-Tetrachlorophenol	mg/kg	1.7	1.2	73	41-113	
2,4,5-Trichlorophenol	mg/kg	1.7	1.3	76	41-106	
2,4,6-Trichlorophenol	mg/kg	1.7	1.2	72	44-110	
2,4-Dichlorophenol	mg/kg	1.7	1.2	72	45-106	
2,4-Dimethylphenol	mg/kg	1.7	1.1	67	24-107	
2,4-Dinitrophenol	mg/kg	1.7	ND	38	10-112	
2,4-Dinitrotoluene	mg/kg	1.7	1.2	74	45-117	
2,6-Dinitrotoluene	mg/kg	1.7	1.2	73	47-113	
2-Chloronaphthalene	mg/kg	1.7	1.2	73	45-109	
2-Chlorophenol	mg/kg	1.7	1.2	72	46-102	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

LABORATORY CONTROL SAMPLE: 1087734

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	mg/kg	1.7	1.2	73	48-105	
2-Nitroaniline	mg/kg	1.7	1.2	72	35-122	
3&4-Chloroaniline	mg/kg	1.7	0.82	49	33-123	
3,3'-Dichlorobenzidine	mg/kg	1.7	0.77	46	32-136	
3-Nitroaniline	mg/kg	1.7	0.96	58	36-122	
4-Nitroaniline	mg/kg	1.7	1.2	74	32-132	
4-Nitrophenol	mg/kg	1.7	1.3	76	31-125	
Acenaphthene	mg/kg	1.7	1.2	74	43-113	
Acenaphthylene	mg/kg	1.7	1.2	74	45-108	
Anthracene	mg/kg	1.7	1.2	74	46-120	
Benzo(a)anthracene	mg/kg	1.7	1.2	71	46-110	
Benzo(a)pyrene	mg/kg	1.7	1.2	73	46-122	
Benzo(b)fluoranthene	mg/kg	1.7	1.2	70	15-147	
Benzo(k)fluoranthene	mg/kg	1.7	1.3	77	22-138	
Biphenyl (Diphenyl)	mg/kg	1.7	1.3	75	46-111	
bis(2-Chloroethyl) ether	mg/kg	1.7	1.2	71	43-104	
bis(2-Ethylhexyl)phthalate	mg/kg	1.7	1.2	70	42-114	
Butylbenzylphthalate	mg/kg	1.7	1.2	70	44-113	
Chrysene	mg/kg	1.7	1.2	72	47-109	
Di-n-octylphthalate	mg/kg	1.7	1.2	74	10-167	
Dibenz(a,h)anthracene	mg/kg	1.7	1.3	75	16-139	
Dibenzofuran	mg/kg	1.7	1.2	74	46-109	
Diethylphthalate	mg/kg	1.7	1.2	73	44-113	
Dimethylphthalate	mg/kg	1.7	1.2	74	43-112	
Fluoranthene	mg/kg	1.7	1.3	75	48-111	
Fluorene	mg/kg	1.7	1.2	73	47-110	
Hexachloro-1,3-butadiene	mg/kg	1.7	1.3	75	45-112	
Hexachlorobenzene	mg/kg	1.7	1.3	75	46-111	
Hexachlorocyclopentadiene	mg/kg	1.7	1.1	67	10-107	
Hexachloroethane	mg/kg	1.7	1.2	71	47-105	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.3	76	34-130	
Isophorone	mg/kg	1.7	1.2	72	33-133	
N-Nitroso-di-n-propylamine	mg/kg	1.7	1.2	73	43-106	
N-Nitrosodiphenylamine	mg/kg	1.7	1.3	78	54-131	
Naphthalene	mg/kg	1.7	1.2	73	44-103	
Nitrobenzene	mg/kg	1.7	1.2	71	42-109	
Pentachlorophenol	mg/kg	1.7	0.97	58	22-115	
Phenanthrene	mg/kg	1.7	1.2	73	49-105	
Phenol	mg/kg	1.7	1.2	70	41-103	
Pyrene	mg/kg	1.7	1.2	71	44-110	
2,4,6-Tribromophenol (S)	%.			95	10-138	
2-Fluorobiphenyl (S)	%.			84	10-129	
2-Fluorophenol (S)	%.			82	10-129	
Nitrobenzene-d5 (S)	%.			81	10-144	
Phenol-d6 (S)	%.			80	10-128	
Terphenyl-d14 (S)	%.			83	10-145	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1087735 1087736

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4,5-Tetrachlorobenzene	mg/kg	ND	1.7	1.6	1.2J	1.1J	70	70	40-120		40	
1,2-Dichlorobenzene	mg/kg	ND	1.7	1.6	1.2J	1.2J	71	71	16-127		40	
1,3-Dichlorobenzene	mg/kg	ND	1.7	1.6	1.2J	1.2J	70	72	10-133		40	
1,3-Dinitrobenzene	mg/kg	ND	1.7	1.6	1.1	1.1	64	68	10-151	4	40	
1,4-Dichlorobenzene	mg/kg	ND	1.7	1.6	1.2J	1.2J	70	71	15-126		40	
2,2'-Oxybis(1-chloropropane)	mg/kg	ND	1.7	1.6	1.1J	1.2J	69	72	10-128		40	
2,3,4,6-Tetrachlorophenol	mg/kg	ND	1.7	1.6	1.1J	1.1J	66	69	10-133		40	
2,4,5-Trichlorophenol	mg/kg	ND	1.7	1.6	1.1J	1.2J	69	70	10-133		40	
2,4,6-Trichlorophenol	mg/kg	ND	1.7	1.6	1.1J	1.2J	69	70	10-139		40	
2,4-Dichlorophenol	mg/kg	ND	1.7	1.6	1.1J	1.2J	69	72	10-132		40	
2,4-Dimethylphenol	mg/kg	ND	1.7	1.6	1.1J	1.1J	65	66	10-136		40	
2,4-Dinitrophenol	mg/kg	ND	1.7	1.6	ND	ND	62	0	10-110		40	M1
2,4-Dinitrotoluene	mg/kg	ND	1.7	1.6	1.2J	1.2J	-1	0	10-189		40	M1
2,6-Dinitrotoluene	mg/kg	ND	1.7	1.6	1.5J	1.5J	-1	0	10-145		40	M1
2-Chloronaphthalene	mg/kg	ND	1.7	1.6	1.2J	1.1J	70	69	10-136		40	
2-Chlorophenol	mg/kg	ND	1.7	1.6	1.2J	1.2J	71	73	11-126		40	
2-Methylnaphthalene	mg/kg	ND	1.7	1.6	1.1J	1.2J	69	71	10-221		40	
2-Nitroaniline	mg/kg	ND	1.7	1.6	1.1J	1.1J	68	70	10-163		40	
3&4-Chloroaniline	mg/kg	ND	1.7	1.6	.72J	.76J	44	46	10-143		40	
3,3'-Dichlorobenzidine	mg/kg	ND	1.7	1.6	.66J	.6J	40	36	10-161		40	
3-Nitroaniline	mg/kg	ND	1.7	1.6	1.1J	1.1J	65	65	10-162		40	
4-Nitroaniline	mg/kg	ND	1.7	1.6	1.1J	1.2J	64	72	10-171		40	
4-Nitrophenol	mg/kg	ND	1.7	1.6	.99J	1.1J	60	69	10-156		40	
Acenaphthene	mg/kg	ND	1.7	1.6	1.2J	1.1J	70	68	10-168		40	
Acenaphthylene	mg/kg	ND	1.7	1.6	1.1J	1.1J	69	69	10-133		40	
Anthracene	mg/kg	ND	1.7	1.6	1.1J	1.1J	66	68	10-185		40	
Benzo(a)anthracene	mg/kg	ND	1.7	1.6	1.2J	1.2J	65	69	10-131		40	
Benzo(a)pyrene	mg/kg	ND	1.7	1.6	1.2J	1.2J	72	73	10-169		40	
Benzo(b)fluoranthene	mg/kg	ND	1.7	1.6	1.3J	ND	80	96	10-152		40	
Benzo(k)fluoranthene	mg/kg	ND	1.7	1.6	1.4J	1.5J	87	94	10-177		40	
Biphenyl (Diphenyl)	mg/kg	ND	1.7	1.6	1.1J	1.1J	69	69	40-120		40	
bis(2-Chloroethyl) ether	mg/kg	ND	1.7	1.6	1.1J	1.2J	68	72	10-168		40	
bis(2-Ethylhexyl)phthalate	mg/kg	ND	1.7	1.6	1.3J	ND	68	87	10-154		40	
Butylbenzylphthalate	mg/kg	ND	1.7	1.6	1.3J	1.5J	68	85	10-142		40	
Chrysene	mg/kg	ND	1.7	1.6	1.1J	1.2J	63	66	10-130		40	
Di-n-octylphthalate	mg/kg	ND	1.7	1.6	1.9	3.1	117	186	10-199	45	40	R1
Dibenz(a,h)anthracene	mg/kg	ND	1.7	1.6	.68J	.59J	41	36	10-169		40	
Dibenzofuran	mg/kg	ND	1.7	1.6	1.1J	1.1J	69	69	11-134		40	
Diethylphthalate	mg/kg	ND	1.7	1.6	1.1J	1.2J	65	71	11-132		40	
Dimethylphthalate	mg/kg	ND	1.7	1.6	.5J	.5J	0	0	14-133		40	M1
Fluoranthene	mg/kg	ND	1.7	1.6	1.2J	1.3J	63	69	10-191		40	
Fluorene	mg/kg	ND	1.7	1.6	1.1J	1.2J	68	70	10-169		40	
Hexachloro-1,3-butadiene	mg/kg	ND	1.7	1.6	1.1J	1.1J	66	69	10-147		40	
Hexachlorobenzene	mg/kg	ND	1.7	1.6	1.1J	1.1J	68	69	10-135		40	
Hexachlorocyclopentadiene	mg/kg	ND	1.7	1.6	1.1J	1J	67	61	10-117		40	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1087735 1087736

Parameter	Units	20214666007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Hexachloroethane	mg/kg	ND	1.7	1.6	1J	1J	63	63	10-161		40	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	1.7	1.6	.71J	.63J	43	38	10-154		40	
Isophorone	mg/kg	ND	1.7	1.6	1.2J	1.2J	70	73	10-155		40	
N-Nitroso-di-n-propylamine	mg/kg	ND	1.7	1.6	ND	ND	14	14	10-139		40	
N-Nitrosodiphenylamine	mg/kg	ND	1.7	1.6	1.2J	1.1J	74	69	10-183		40	
Naphthalene	mg/kg	ND	1.7	1.6	1.1J	1.2J	69	71	10-263		40	
Nitrobenzene	mg/kg	ND	1.7	1.6	1.2J	1.2J	71	71	10-159		40	
Pentachlorophenol	mg/kg	ND	1.7	1.6	1.4J	1.4J	86	86	10-146		40	
Phenanthrene	mg/kg	ND	1.7	1.6	1.1J	1.2J	69	73	10-148		40	
Phenol	mg/kg	ND	1.7	1.6	1.1J	1.2J	68	71	10-143		40	D3
Pyrene	mg/kg	ND	1.7	1.6	1.4J	1.7	75	89	10-151		40	
2,4,6-Tribromophenol (S)	%.						74	71	10-138			
2-Fluorobiphenyl (S)	%.						69	69	10-129			
2-Fluorophenol (S)	%.						70	73	10-129			
Nitrobenzene-d5 (S)	%.						70	70	10-144			
Phenol-d6 (S)	%.						69	72	10-128			
Terphenyl-d14 (S)	%.						80	95	10-145			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 231782
QC Batch Method: EPA 1010
Analysis Method: EPA 1010
Analysis Description: 1010 Flash Point, Closed Cup
Laboratory: Pace Analytical Services - New Orleans

Associated Lab Samples: 20214666001

LABORATORY CONTROL SAMPLE: 1090266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Flashpoint	deg F		80.60			

SAMPLE DUPLICATE: 1090267

Parameter	Units	20214666001 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	>212	>212			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 232094
QC Batch Method: EPA 1010
Analysis Method: EPA 1010
Analysis Description: 1010 Flash Point, Closed Cup
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

LABORATORY CONTROL SAMPLE: 1091931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Flashpoint	deg F		82.40			

SAMPLE DUPLICATE: 1091932

Parameter	Units	20214666007 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	>212	>212			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 232097 | Analysis Method: SW-846 7.3.4.2
QC Batch Method: SW-846 7.3.4.2 | Analysis Description: 734S Reactive Sulfide
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

METHOD BLANK: 1091942 Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide, Reactive	mg/kg	ND	50.0	07/26/21 16:07	

LABORATORY CONTROL SAMPLE: 1091943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/kg	500	441	88	1-110	

MATRIX SPIKE SAMPLE: 1091945

Parameter	Units	20214666007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/kg	ND	500	441	84	1-110	

SAMPLE DUPLICATE: 1091944

Parameter	Units	20214666007 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide, Reactive	mg/kg	ND	ND		20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 232028
QC Batch Method: EPA 9095
Analysis Method: EPA 9095
Analysis Description: 9095 PAINT FILTER LIQUID TEST
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

SAMPLE DUPLICATE: 1091566

Parameter	Units	20214666007 Result	Dup Result	RPD	Max RPD	Qualifiers
Free Liquids		PASS	PASS			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214666

QC Batch: 232099 — Analysis Method: SW-846 7.3.3.2
QC Batch Method: SW-846 7.3.3.2 — Analysis Description: 733C Reactive Cyanide
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

METHOD BLANK: 1091955 — Matrix: Solid
Associated Lab Samples: 20214666001, 20214666002, 20214666003, 20214666004, 20214666006, 20214666007, 20214666008, 20214666009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide, Reactive	mg/kg	ND	25.0	07/27/21 10:52	

LABORATORY CONTROL SAMPLE: 1092672

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide, Reactive	mg/kg	100	ND	3	1-110	

MATRIX SPIKE SAMPLE: 1091958

Parameter	Units	20214666007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide, Reactive	mg/kg	ND	100	ND	0	1-110	M1

SAMPLE DUPLICATE: 1091957

Parameter	Units	20214666007 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide, Reactive	mg/kg	ND	ND		20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALIFIERS

Project: Desire 30058527.03.1
Pace Project No.: 20214666

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The Nelac Institute

WORKORDER QUALIFIERS

WO: 20214666

[1]	Site ID fixed to match sending lab sample IDs.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D4	Sample was diluted due to the presence of high levels of target analytes.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MH	Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
P9	RPD between the primary and confirmatory analysis exceeded 40%.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20214666001	Comp-01	3546/3665A	1710888	EPA 8081	1710888
20214666002	Comp-02	3546/3665A	1710888	EPA 8081	1710888
20214666003	Comp-03	3546/3665A	1710888	EPA 8081	1710888
20214666004	Comp-04	3546/3665A	1710888	EPA 8081	1710888
20214666006	Comp-05	3546/3665A	1710888	EPA 8081	1710888
20214666007	Comp-06	3546/3665A	1710888	EPA 8081	1710888
20214666008	Comp-07	3546/3665A	1710888	EPA 8081	1710888
20214666009	Comp-08	3546/3665A	1710888	EPA 8081	1710888
20214666001	Comp-01	3546/3665A	1710888	EPA 8082	1710888
20214666002	Comp-02	3546/3665A	1710888	EPA 8082	1710888
20214666003	Comp-03	3546/3665A	1710888	EPA 8082	1710888
20214666004	Comp-04	3546/3665A	1710888	EPA 8082	1710888
20214666006	Comp-05	3546/3665A	1710888	EPA 8082	1710888
20214666007	Comp-06	3546/3665A	1710888	EPA 8082	1710888
20214666008	Comp-07	3546/3665A	1710888	EPA 8082	1710888
20214666009	Comp-08	3546/3665A	1710888	EPA 8082	1710888
20214666001	Comp-01	8151A	1708908	EPA 8151	1708908
20214666002	Comp-02	8151A	1708908	EPA 8151	1708908
20214666003	Comp-03	8151A	1708908	EPA 8151	1708908
20214666004	Comp-04	8151A	1708908	EPA 8151	1708908
20214666006	Comp-05	8151A	1708908	EPA 8151	1708908
20214666007	Comp-06	8151A	1708908	EPA 8151	1708908
20214666008	Comp-07	8151A	1709278	EPA 8151	1709278
20214666009	Comp-08	8151A	1709278	EPA 8151	1709278
20214666001	Comp-01	EPA 3050	231259	EPA 6010	231333
20214666002	Comp-02	EPA 3050	231259	EPA 6010	231333
20214666003	Comp-03	EPA 3050	231259	EPA 6010	231333
20214666004	Comp-04	EPA 3050	231259	EPA 6010	231333
20214666006	Comp-05	EPA 3050	231259	EPA 6010	231333
20214666007	Comp-06	EPA 3050	231259	EPA 6010	231333
20214666008	Comp-07	EPA 3050	231259	EPA 6010	231333
20214666009	Comp-08	EPA 3050	231259	EPA 6010	231333
20214666004	Comp-04	EPA 3010	233706	EPA 6010	233761
20214666006	Comp-05	EPA 3010	233706	EPA 6010	233761
20214666001	Comp-01	EPA 7471	231258	EPA 7471	231319
20214666002	Comp-02	EPA 7471	231258	EPA 7471	231319
20214666003	Comp-03	EPA 7471	231258	EPA 7471	231319
20214666004	Comp-04	EPA 7471	231258	EPA 7471	231319
20214666006	Comp-05	EPA 7471	231258	EPA 7471	231319
20214666007	Comp-06	EPA 7471	231258	EPA 7471	231319
20214666008	Comp-07	EPA 7471	231258	EPA 7471	231319
20214666009	Comp-08	EPA 7471	231258	EPA 7471	231319
20214666001	Comp-01	EPA 3546	231253	EPA 8270 by SIM	231304
20214666002	Comp-02	EPA 3546	231253	EPA 8270 by SIM	231304
20214666003	Comp-03	EPA 3546	231253	EPA 8270 by SIM	231304
20214666004	Comp-04	EPA 3546	231253	EPA 8270 by SIM	231304

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20214666006	Comp-05	EPA 3546	231253	EPA 8270 by SIM	231304
20214666007	Comp-06	EPA 3546	231253	EPA 8270 by SIM	231304
20214666008	Comp-07	EPA 3546	231253	EPA 8270 by SIM	231304
20214666009	Comp-08	EPA 3546	231253	EPA 8270 by SIM	231304
20214666001	Comp-01	EPA 3546	231252	EPA 8270	231277
20214666002	Comp-02	EPA 3546	231252	EPA 8270	231277
20214666003	Comp-03	EPA 3546	231252	EPA 8270	231277
20214666004	Comp-04	EPA 3546	231252	EPA 8270	231277
20214666006	Comp-05	EPA 3546	231252	EPA 8270	231277
20214666007	Comp-06	EPA 3546	231252	EPA 8270	231277
20214666008	Comp-07	EPA 3546	231252	EPA 8270	231277
20214666009	Comp-08	EPA 3546	231252	EPA 8270	231277
20214666001	Comp-01	EPA 5035/5030B	231750	EPA 8260	231778
20214666002	Comp-02	EPA 5035/5030B	231750	EPA 8260	231778
20214666003	Comp-03	EPA 5035/5030B	231750	EPA 8260	231778
20214666004	Comp-04	EPA 5035/5030B	231750	EPA 8260	231778
20214666006	Comp-05	EPA 5035/5030B	231750	EPA 8260	231778
20214666007	Comp-06	EPA 5035/5030B	231750	EPA 8260	231778
20214666008	Comp-07	EPA 5035/5030B	231750	EPA 8260	231778
20214666009	Comp-08	EPA 5035/5030B	231750	EPA 8260	231778
20214666005	TB-01 (071421)	EPA 5030B/8260	231627		
20214666010	TB-02 (071421)	EPA 5030B/8260	231627		
20214666001	Comp-01	EPA 1010	231782		
20214666002	Comp-02	EPA 1010	232094		
20214666003	Comp-03	EPA 1010	232094		
20214666004	Comp-04	EPA 1010	232094		
20214666006	Comp-05	EPA 1010	232094		
20214666007	Comp-06	EPA 1010	232094		
20214666008	Comp-07	EPA 1010	232094		
20214666009	Comp-08	EPA 1010	232094		
20214666001	Comp-01	SW-846 7.3.4.2	232097	SW-846 7.3.4.2	232151
20214666002	Comp-02	SW-846 7.3.4.2	232097	SW-846 7.3.4.2	232151
20214666003	Comp-03	SW-846 7.3.4.2	232097	SW-846 7.3.4.2	232151
20214666004	Comp-04	SW-846 7.3.4.2	232097	SW-846 7.3.4.2	232151
20214666006	Comp-05	SW-846 7.3.4.2	232097	SW-846 7.3.4.2	232151
20214666007	Comp-06	SW-846 7.3.4.2	232097	SW-846 7.3.4.2	232151
20214666008	Comp-07	SW-846 7.3.4.2	232097	SW-846 7.3.4.2	232151
20214666009	Comp-08	SW-846 7.3.4.2	232097	SW-846 7.3.4.2	232151
20214666001	Comp-01	EPA 9095	232028		
20214666002	Comp-02	EPA 9095	232028		
20214666003	Comp-03	EPA 9095	232028		
20214666004	Comp-04	EPA 9095	232028		
20214666006	Comp-05	EPA 9095	232028		
20214666007	Comp-06	EPA 9095	232028		
20214666008	Comp-07	EPA 9095	232028		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Desire 30058527.03.1
Pace Project No.: 20214666

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20214666009	**Comp-08**	EPA 9095	232028		
20214666001	**Comp-01**	SW-846 7.3.3.2	232099	SW-846 7.3.3.2	232168
20214666002	**Comp-02**	SW-846 7.3.3.2	232099	SW-846 7.3.3.2	232168
20214666003	**Comp-03**	SW-846 7.3.3.2	232099	SW-846 7.3.3.2	232168
20214666004	**Comp-04**	SW-846 7.3.3.2	232099	SW-846 7.3.3.2	232168
20214666006	**Comp-05**	SW-846 7.3.3.2	232099	SW-846 7.3.3.2	232168
20214666007	**Comp-06**	SW-846 7.3.3.2	232099	SW-846 7.3.3.2	232168
20214666008	**Comp-07**	SW-846 7.3.3.2	232099	SW-846 7.3.3.2	232168
20214666009	**Comp-08**	SW-846 7.3.3.2	232099	SW-846 7.3.3.2	232168

WO# : 20214666

20214666

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/terms.pdf

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Arcadis Baton Rouge	Report To:	Caleb Fontenot	Attention:	
Address:	10352 Plaza Americana Drive	Copy To:		Company Name:	
	Baton Rouge, LA 70816			Address:	
Email:	caleb.fontenot@arcadis-us.com	Purchase Order #:		Pace Quote:	
Phone:	225-244-5877 Fax:	Project Name:	Desire 30058527.03.1	Pace Project Manager:	clay.ledet@pacelabs.com
Requested Due Date:		Project #:		Pace Profile #:	16948 L1 + L2

Regulatory Agency

State / Location

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Requested Analysis Filtered (Y/N): 8260 RECAP	8270 SVOC	RCRA Metals	8081 Pest/8082 PCB	8151 Herbicides	RCI + Paint Filter Liquids	TCLP Metals	HOLD TCLP	Residual Chlorine (Y/N)	
1	Comp-01	SO	C			7/14/21	0945	8.5	7	X						X			X	X	X	X	X	X	X	X		
2	Comp-02	SO	C			7/14/21	0930	8.5	7	X						X			X	X	X	X	X	X	X	X		
3	Comp-03	SO	C			7/14/21	1048	8.4	7	X						X			X	X	X	X	X	X	X	X		
4	Comp-04	SO	C			7/14/21	1130	8.7	7	X						X			X	X	X	X	X	X	X	X		
5	TB-01 (071421)	WG				11	—	-	2				X						X	-	-	-	-	-	-	-		
6	Comp-05	SO	C			7/14/21	1320	8.7	7	X						X			X	X	X	X	X	X	X	X		
7	Comp-06*	SO	C			7/14/21	1430	8.6	7	X			X			X			X	X	X	X	X	X	X	X		* Includes MS/MSD
8	Comp-07	SO	C			7/14/21	1510	8.7	7	X			X			X			X	X	X	X	X	X	X	X		
9	Comp-08	SO	C			11	1550	8.8	7	X			X			X			X	X	X	X	X	X	X	X		
10	TB-02 (071421)	WG				11	—	8.8	2				X						X	-	-	-	-	-	-	-		
11																													
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
RECAP	[signature] / Arcadis	7/14/21	1620	[signature]	7/14/21	1620	5.2	Y	N	Y
23 Terracore Kits provided	[signature]	7/14/21	630	[signature]	7/15/21	630	4.0			
							1.3			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Kipper Montgomery

SIGNATURE of SAMPLER: [signature] DATE Signed: 7/14/21

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Face Analytical

1000 Riverbend. Blvd., Suite F
St. Rose, LA 70087

Sample Condition Upon R

Proj

WO#: 20214666

PM: CAL **Due Date: 07/29/21**

CLIENT: 20-ARCADISBR

Courier: ☑ Pace Courier ☐ Hired Courier ☐ Fed X ☐ UPS ☐ DHL ☐ USPS ☐ Customer ☐ Other

Custody Seal on Cooler/Box Present: [see COC] **Custody Seals intact:** ☐Yes ☑No

Therometer Used: ☐ Therm Fisher IR 7 ☑ Therm Fisher IR 10

Type of Ice: (Wet) Blue None

Samples on ice: [see COC]

Cooler Temperature: [see COC]

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 7/15/2021 JMB

Temp must be measured from Temperature blank when present

				Comments:
Temperature Blank Present"?	☑Yes	☐No	☐N/A	1
Chain of Custody Present:	☑Yes	☐No	☐N/A	2
Chain of Custody Complete:	☑Yes	☐No	☐N/A	3
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	4
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	5
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	6
Sufficient Volume:	☑Yes	☐No	☐N/A	7
Correct Containers Used:	☑Yes	☐No	☐N/A	8
Filtered vol. Rec. for Diss. tests	☐Yes	☐No	☑N/A	9
Sample Labels match COC:	☑Yes	☐No	☐N/A	10
All containers received within manafacture's precautionary and/or expiration dates.	☑Yes	☐No	☐N/A	11
All containers needing chemical preservation have been checked (except VOA, coliform, & O&G).	☐Yes	☐No	☑N/A	12
All containers preservation checked found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A	13 If No, was preserative added? ☐Yes ☐No If added record lot no.: HNO3 _____ H2SO4 _____
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	14
Trip Blank Present:	☑Yes	☐No		15

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Pace Analytical
www.pacelabs.com

National

INTER_LABORATORY WORK ORDER # 20214666

(To be completed by sending lab)

Ship To:
Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

Sending Project No:	20214666
Receiving Project No:	
Check Box for Consolidated Invoice:	
Date Prepared:	07/15/21
REQUESTED COMPLETION DATE:	**7/29/2021**

Sending Region	IR20-New Orleans	Sending Project Mgr.	Clay Ledet
Receiving Region	IR850-Pace National	External Client	Arcadis Baton Rouge
State of Sample Origin	LA	QC Deliverable	STD REPORT

All questions should be addressed to sending project manager.

Requested Reportable Units _____ Report Wet or Dry Weight? Wet Cert. Needed _____

8081 Pest	JGCU		Unpreserved	7	$82.00	$574.00
8081 Pest	JGCU		Unpreserved	1	$246.00	$246.00
8082 PCB	JGCU		Unpreserved	7	$47.00	$329.00
8082 PCB	JGCU		Unpreserved	1	$141.00	$141.00
8151 Herb	WG4O		Unpreserved	7	$142.00	$994.00
8151 Herb	WG4O		Unpreserved	1	$426.00	$426.00
					TOTAL	$2,710.00

Special Requirements: Report C, QC Limits (C),Arcadis Core (754)

GC/MS Semivolatiles	30	$1,290.00	$1,032.00	$258.00
GC Semivolatiles	31	$1,420.00	$1,136.00	$284.00
* Custom Revenue Allocation	**TOTAL**	$2,710.00	$2,168.00	$542.00

Return Samples to Sending Region: ☐ Yes ■ No

Original sent to the receiving lab - Copy kept at the sending lab.
When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.

COPY

9351641486 18

Internal Transfer Chain of Custody

Pace Analytical®
www.pacelabs.com

☐ Samples Pre-Logged into eCOC.

State Of Origin: LA
Cert. Needed: ☐ Yes ☐ No
Owner Received Date: 7/15/2021 **Results Requested By:** 7/29/2021

Workorder: 20214666 **Workorder Name:** Desire 30058527.03.1

Clay Ledet
Pace Analytical New Orleans
1000 Riverbend Blvd
Suite F
St. Rose, LA 70087
Phone (504)469-0333

Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

						Unpreserved						8081 Pest	8082 PCB	8151 Herb									LAB USE ONLY
1	Comp-01	PS	7/14/2021 08:40	20214666001	Solid	2						X	X	X									
2	Comp-02	PS	7/14/2021 09:30	20214666002	Solid	2						X	X	X									
3	Comp-03	PS	7/14/2021 10:48	20214666003	Solid	2						X	X	X									
4	Comp-04	PS	7/14/2021 11:30	20214666004	Solid	2						X	X	X									
5	Comp-05	PS	7/14/2021 13:25	20214666006	Solid	2						X	X	X									
6	Comp-06	RQS	7/14/2021 14:30	20214666007	Solid	6						X	X	X									
7	Comp-07	PS	7/14/2021 15:10	20214666008	Solid	2						X	X	X									
8	Comp-08	PS	7/14/2021 15:50	20214666009	Solid	2						X	X	X									

Transfers	Released By	Date/Time	Received By	Date/Time
1	Pace	7/15/21 1606	Fed Ex	
2	Fed Ex			
3				

Cooler Temperature on Receipt _____ °C | **Custody Seal** Y or | **Received on Ice** Y or | **Samples Intact** Y or

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.*

COPY

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

July 30, 2021

George Cook
Arcadis

,

RE: Project: Desire 30058527.03.1
Pace Project No.: 20214794

Dear George Cook:

Enclosed are the analytical results for sample(s) received by the laboratory on July 16, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - New Orleans

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Clay Ledet
clay.ledet@pacelabs.com
(504)469-0333
Project Manager

Enclosures

cc: Brooke Fontenot, Arcadis
Caleb Fontenot, Arcadis

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

CERTIFICATIONS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Pace Analytical Services New Orleans

Florida Department of Health (NELAC): E87595
Illinois Environmental Protection Agency: 0025721
Kansas Department of Health and Environment (NELAC): E-10266
Louisiana Dept. of Environmental Quality (NELAC/LELAP): 02006
Texas Commission on Env. Quality (NELAC): T104704405-09-TX
U.S. Dept. of Agriculture Foreign Soil Import: P330-10-00119

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

SAMPLE SUMMARY

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20214794001	**Comp-09**	Solid	07/15/21 08:45	07/16/21 06:25
20214794002	**Comp-10**	Solid	07/15/21 09:37	07/16/21 06:25
20214794003	**Comp-11**	Solid	07/15/21 10:23	07/16/21 06:25
20214794004	**Comp-12**	Solid	07/15/21 11:50	07/16/21 06:25
20214794005	**TB-03(071521)**	Water	07/15/21 00:00	07/16/21 06:25
20214794006	**Comp-13**	Solid	07/15/21 14:39	07/16/21 06:25
20214794007	**Comp-14**	Solid	07/15/21 15:25	07/16/21 06:25
20214794008	**Comp-15**	Solid	07/15/21 16:10	07/16/21 06:25
20214794009	**TB-04(071521)**	Water	07/15/21 00:00	07/16/21 06:25

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

SAMPLE ANALYTE COUNT

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
20214794001	**Comp-09**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SM 2540G	CMK	1	PAN
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214794002	**Comp-10**	EPA 8081	AO	23	PAN
		EPA 8082	ADF	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SM 2540G	CMK	1	PAN
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214794003	**Comp-11**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SM 2540G	CMK	1	PAN
		SW-846 7.3.4.2	LJL	1	PASI-N

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

SAMPLE ANALYTE COUNT

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214794004	**Comp-12**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SM 2540G	CMK	1	PAN
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214794005	**TB-03(071521)**	EPA 5030B/8260	JRP	43	PASI-N
20214794006	**Comp-13**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SM 2540G	CMK	1	PAN
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214794007	**Comp-14**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

SAMPLE ANALYTE COUNT

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 1010	LJL	1	PASI-N
		SM 2540G	CMK	1	PAN
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214794008	**Comp-15**	EPA 8081	AO	23	PAN
		EPA 8082	AMM	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SM 2540G	CMK	1	PAN
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214794009	**TB-04(071521)**	EPA 5030B/8260	JRP	43	PASI-N

PAN = Pace National - Mt. Juliet
PASI-N = Pace Analytical Services - New Orleans

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-09 **Lab ID: 20214794001** Collected: 07/15/21 08:45 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 16:51	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 16:51	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 16:51	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	77.7	%	10.0-135	1	07/24/21 09:46	07/25/21 16:51	2051-24-3	
Tetrachloro-m-xylene (S)	78.6	%	10.0-139	1	07/24/21 09:46	07/25/21 16:51	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77.8	%	10.0-135	1	07/24/21 09:46	07/25/21 16:29	2051-24-3	
Tetrachloro-m-xylene (S)	74.1	%	10.0-139	1	07/24/21 09:46	07/25/21 16:29	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:34	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:34	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:34	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:34	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:34	15165-67-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-09 **Lab ID: 20214794001** Collected: 07/15/21 08:45 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:34	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 18:34	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 18:34	7085-19-0	L0,MH
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:34	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 18:34	93-72-1	
Surrogates								
2,4-DCAA (S)	69.9	%	22.0-132	1	07/22/21 00:10	07/26/21 18:34	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**3.2**	mg/kg	0.96	1	07/19/21 08:34	07/19/21 17:28	7440-38-2	
Barium	**58.0**	mg/kg	19.2	1	07/19/21 08:34	07/19/21 17:28	7440-39-3	
Cadmium	**0.75**	mg/kg	0.48	1	07/19/21 08:34	07/19/21 17:28	7440-43-9	
Chromium	**9.6**	mg/kg	0.96	1	07/19/21 08:34	07/19/21 17:28	7440-47-3	
Lead	**99.4**	mg/kg	0.48	1	07/19/21 08:34	07/19/21 17:28	7439-92-1	
Selenium	ND	mg/kg	1.9	1	07/19/21 08:34	07/19/21 17:28	7782-49-2	
Silver	ND	mg/kg	0.96	1	07/19/21 08:34	07/19/21 17:28	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.14**	mg/kg	0.019	1	07/19/21 08:54	07/19/21 12:49	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.049	1	07/19/21 04:29	07/19/21 14:28	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/19/21 04:29	07/19/21 14:28	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	10-150	1	07/19/21 04:29	07/19/21 14:28	321-60-8	
Terphenyl-d14 (S)	71	%.	10-147	1	07/19/21 04:29	07/19/21 14:28	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	208-96-8	
Anthracene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	95-57-8	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-09 **Lab ID: 20214794001** Collected: 07/15/21 08:45 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Chrysene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/19/21 06:43	07/21/21 15:51	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	105-67-9	
Dimethylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/19/21 06:43	07/21/21 15:51	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.82	1	07/19/21 06:43	07/21/21 15:51	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	117-81-7	
Fluoranthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	91-57-6	
Naphthalene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	108-95-2	
Pyrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 15:51	88-06-2	
Surrogates								
Terphenyl-d14 (S)	83	%.	10-145	1	07/19/21 06:43	07/21/21 15:51	1718-51-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-09 **Lab ID: 20214794001** Collected: 07/15/21 08:45 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Surrogates								
2,4,6-Tribromophenol (S)	78	%.	10-138	1	07/19/21 06:43	07/21/21 15:51	118-79-6	
2-Fluorophenol (S)	81	%.	10-129	1	07/19/21 06:43	07/21/21 15:51	367-12-4	
Phenol-d6 (S)	74	%.	10-128	1	07/19/21 06:43	07/21/21 15:51	13127-88-3	
Nitrobenzene-d5 (S)	73	%.	10-144	1	07/19/21 06:43	07/21/21 15:51	4165-60-0	
2-Fluorobiphenyl (S)	74	%.	10-129	1	07/19/21 06:43	07/21/21 15:51	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.044**	mg/kg	0.010	1	07/22/21 13:50	07/22/21 15:21	67-64-1	
Benzene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	75-27-4	
Bromoform	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	75-25-2	
Bromomethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.010	1	07/22/21 13:50	07/22/21 15:21	78-93-3	
Carbon disulfide	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	56-23-5	
Chlorobenzene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	108-90-7	
Chloroethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	75-00-3	
Chloroform	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	67-66-3	
Chloromethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	100-41-4	
Isobutanol	ND	mg/kg	0.26	1	07/22/21 13:50	07/22/21 15:21	78-83-1	
Methylene Chloride	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.010	1	07/22/21 13:50	07/22/21 15:21	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	1634-04-4	
Styrene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	127-18-4	
Toluene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	79-00-5	
Trichloroethene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	79-01-6	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-09 **Lab ID: 20214794001** Collected: 07/15/21 08:45 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Trichlorofluoromethane	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	75-69-4	
Vinyl chloride	ND	mg/kg	0.0021	1	07/22/21 13:50	07/22/21 15:21	75-01-4	
m&p-Xylene	ND	mg/kg	0.010	1	07/22/21 13:50	07/22/21 15:21	179601-23-1	
o-Xylene	ND	mg/kg	0.0052	1	07/22/21 13:50	07/22/21 15:21	95-47-6	
Surrogates								
Toluene-d8 (S)	97	%.	75-125	1	07/22/21 13:50	07/22/21 15:21	2037-26-5	
4-Bromofluorobenzene (S)	111	%.	64-139	1	07/22/21 13:50	07/22/21 15:21	460-00-4	
Dibromofluoromethane (S)	107	%.	66-143	1	07/22/21 13:50	07/22/21 15:21	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**79.4**	%		1	07/27/21 15:46	07/27/21 15:52		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:17		

Sample: Comp-10 **Lab ID: 20214794002** Collected: 07/15/21 09:37 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 17:04	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	72-54-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-10 **Lab ID: 20214794002** Collected: 07/15/21 09:37 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:04	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 17:04	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	85.4	%	10.0-135	1	07/24/21 09:46	07/25/21 17:04	2051-24-3	
Tetrachloro-m-xylene (S)	82.3	%	10.0-139	1	07/24/21 09:46	07/25/21 17:04	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:39	11097-69-1	
PCB-1260 (Aroclor 1260)	**0.0234**	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:39	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	84.7	%	10.0-135	1	07/24/21 09:46	07/25/21 16:39	2051-24-3	
Tetrachloro-m-xylene (S)	80.7	%	10.0-139	1	07/24/21 09:46	07/25/21 16:39	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:22	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:22	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:22	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:22	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:22	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:22	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 19:22	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 19:22	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:22	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:22	93-72-1	
Surrogates								
2,4-DCAA (S)	77.9	%	22.0-132	1	07/22/21 00:10	07/26/21 19:22	19719-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-10 **Lab ID: 20214794002** Collected: 07/15/21 09:37 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**4.5**	mg/kg	0.74	1	07/19/21 08:34	07/19/21 17:32	7440-38-2	
Barium	**114**	mg/kg	14.7	1	07/19/21 08:34	07/19/21 17:32	7440-39-3	
Cadmium	**1.2**	mg/kg	0.37	1	07/19/21 08:34	07/19/21 17:32	7440-43-9	
Chromium	**12.6**	mg/kg	0.74	1	07/19/21 08:34	07/19/21 17:32	7440-47-3	
Lead	**159**	mg/kg	0.37	1	07/19/21 08:34	07/19/21 17:32	7439-92-1	
Selenium	ND	mg/kg	1.5	1	07/19/21 08:34	07/19/21 17:32	7782-49-2	
Silver	ND	mg/kg	0.74	1	07/19/21 08:34	07/19/21 17:32	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.074**	mg/kg	0.019	1	07/19/21 08:54	07/19/21 12:51	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.050	1	07/19/21 04:29	07/19/21 14:55	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/19/21 04:29	07/19/21 14:55	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	71	%.	10-150	1	07/19/21 04:29	07/19/21 14:55	321-60-8	
Terphenyl-d14 (S)	70	%.	10-147	1	07/19/21 04:29	07/19/21 14:55	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	208-96-8	
Anthracene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	95-57-8	
Chrysene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/19/21 06:43	07/21/21 17:16	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	105-67-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-10 **Lab ID: 20214794002** Collected: 07/15/21 09:37 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Dimethylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/19/21 06:43	07/21/21 17:16	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.82	1	07/19/21 06:43	07/21/21 17:16	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	117-81-7	
Fluoranthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	91-57-6	
Naphthalene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	108-95-2	
Pyrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:16	88-06-2	
Surrogates								
Terphenyl-d14 (S)	88	%.	10-145	1	07/19/21 06:43	07/21/21 17:16	1718-51-0	
2,4,6-Tribromophenol (S)	77	%.	10-138	1	07/19/21 06:43	07/21/21 17:16	118-79-6	
2-Fluorophenol (S)	81	%.	10-129	1	07/19/21 06:43	07/21/21 17:16	367-12-4	
Phenol-d6 (S)	75	%.	10-128	1	07/19/21 06:43	07/21/21 17:16	13127-88-3	
Nitrobenzene-d5 (S)	74	%.	10-144	1	07/19/21 06:43	07/21/21 17:16	4165-60-0	
2-Fluorobiphenyl (S)	71	%.	10-129	1	07/19/21 06:43	07/21/21 17:16	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.17**	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 15:40	67-64-1	
Benzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-10 **Lab ID: 20214794002** Collected: 07/15/21 09:37 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Bromodichloromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	75-27-4	
Bromoform	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	74-83-9	
2-Butanone (MEK)	**0.024**	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 15:40	78-93-3	
Carbon disulfide	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	56-23-5	
Chlorobenzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	75-00-3	
Chloroform	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	100-41-4	
Isobutanol	ND	mg/kg	0.22	1	07/22/21 13:50	07/22/21 15:40	78-83-1	
Methylene Chloride	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 15:40	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	1634-04-4	
Styrene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	127-18-4	
Toluene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	79-00-5	
Trichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	75-69-4	
Vinyl chloride	ND	mg/kg	0.0018	1	07/22/21 13:50	07/22/21 15:40	75-01-4	
m&p-Xylene	ND	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 15:40	179601-23-1	
o-Xylene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:40	95-47-6	
Surrogates								
Toluene-d8 (S)	96	%.	75-125	1	07/22/21 13:50	07/22/21 15:40	2037-26-5	
4-Bromofluorobenzene (S)	124	%.	64-139	1	07/22/21 13:50	07/22/21 15:40	460-00-4	
Dibromofluoromethane (S)	109	%.	66-143	1	07/22/21 13:50	07/22/21 15:40	1868-53-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-10 **Lab ID: 20214794002** Collected: 07/15/21 09:37 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**83.7**	%		1	07/27/21 15:46	07/27/21 15:52		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:17		

Sample: Comp-11 **Lab ID: 20214794003** Collected: 07/15/21 10:23 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 17:16	57-74-9	
4,4'-DDD	**0.359**	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	72-54-8	
4,4'-DDE	**2.46**	mg/kg	2.00	100	07/24/21 09:46	07/28/21 15:25	72-55-9	
4,4'-DDT	**2.62**	mg/kg	2.00	100	07/24/21 09:46	07/28/21 15:25	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	1024-57-3	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-11 **Lab ID: 20214794003** Collected: 07/15/21 10:23 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:16	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 17:16	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	141	%	10.0-135	1	07/24/21 09:46	07/25/21 17:16	2051-24-3	ST
Decachlorobiphenyl (S)	69.4	%	10.0-135	100	07/24/21 09:46	07/28/21 15:25	2051-24-3	S4
Tetrachloro-m-xylene (S)	72.8	%	10.0-139	1	07/24/21 09:46	07/25/21 17:16	877-09-8	
Tetrachloro-m-xylene (S)	75.2	%	10.0-139	100	07/24/21 09:46	07/28/21 15:25	877-09-8	S4
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:49	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	65.6	%	10.0-135	1	07/24/21 09:46	07/25/21 16:49	2051-24-3	
Tetrachloro-m-xylene (S)	61.1	%	10.0-139	1	07/24/21 09:46	07/25/21 16:49	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:38	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:38	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:38	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:38	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:38	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:38	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 19:38	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 19:38	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:38	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:38	93-72-1	
Surrogates								
2,4-DCAA (S)	66.3	%	22.0-132	1	07/22/21 00:10	07/26/21 19:38	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**13.7**	mg/kg	0.96	1	07/19/21 08:34	07/19/21 17:36	7440-38-2	
Barium	**268**	mg/kg	19.2	1	07/19/21 08:34	07/19/21 17:36	7440-39-3	
Cadmium	**1.8**	mg/kg	0.48	1	07/19/21 08:34	07/19/21 17:36	7440-43-9	
Chromium	**17.2**	mg/kg	0.96	1	07/19/21 08:34	07/19/21 17:36	7440-47-3	
Lead	**352**	mg/kg	0.48	1	07/19/21 08:34	07/19/21 17:36	7439-92-1	
Selenium	ND	mg/kg	1.9	1	07/19/21 08:34	07/19/21 17:36	7782-49-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-11 **Lab ID: 20214794003** Collected: 07/15/21 10:23 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Silver	ND	mg/kg	0.96	1	07/19/21 08:34	07/19/21 17:36	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.41**	mg/kg	0.019	1	07/19/21 08:54	07/19/21 12:54	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.25	5	07/19/21 04:29	07/19/21 16:17	62-53-3	D3
Dinoseb	ND	mg/kg	0.49	5	07/19/21 04:29	07/19/21 16:17	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	10-150	5	07/19/21 04:29	07/19/21 16:17	321-60-8	
Terphenyl-d14 (S)	62	%.	10-147	5	07/19/21 04:29	07/19/21 16:17	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	83-32-9	
Acenaphthylene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	208-96-8	
Anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	120-12-7	
Benzo(a)anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	56-55-3	
Benzo(a)pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	92-52-4	
Butylbenzylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	85-68-7	
3&4-Chloroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11		
bis(2-Chloroethyl) ether	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	111-44-4	
2-Chloronaphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	91-58-7	
2-Chlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	95-57-8	
Chrysene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	53-70-3	
Dibenzofuran	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	3.3	5	07/19/21 06:43	07/21/21 18:11	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	120-83-2	
Diethylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	105-67-9	
Dimethylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.82	5	07/19/21 06:43	07/21/21 18:11	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	4.1	5	07/19/21 06:43	07/21/21 18:11	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	606-20-2	
Di-n-octylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	117-84-0	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-11 **Lab ID: 20214794003** Collected: 07/15/21 10:23 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	117-81-7	
Fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	206-44-0	
Fluorene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	87-68-3	
Hexachlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	77-47-4	
Hexachloroethane	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	193-39-5	
Isophorone	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	78-59-1	
2-Methylnaphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	91-57-6	
Naphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	91-20-3	
2-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	88-74-4	
3-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	99-09-2	
4-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	100-01-6	
Nitrobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	98-95-3	
4-Nitrophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	108-60-1	
Pentachlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	87-86-5	
Phenanthrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	85-01-8	
Phenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	108-95-2	D3
Pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:11	88-06-2	
Surrogates								
Terphenyl-d14 (S)	81	%.	10-145	5	07/19/21 06:43	07/21/21 18:11	1718-51-0	
2,4,6-Tribromophenol (S)	48	%.	10-138	5	07/19/21 06:43	07/21/21 18:11	118-79-6	
2-Fluorophenol (S)	66	%.	10-129	5	07/19/21 06:43	07/21/21 18:11	367-12-4	
Phenol-d6 (S)	62	%.	10-128	5	07/19/21 06:43	07/21/21 18:11	13127-88-3	
Nitrobenzene-d5 (S)	61	%.	10-144	5	07/19/21 06:43	07/21/21 18:11	4165-60-0	
2-Fluorobiphenyl (S)	61	%.	10-129	5	07/19/21 06:43	07/21/21 18:11	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.035**	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 15:59	67-64-1	
Benzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	75-27-4	
Bromoform	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 15:59	78-93-3	
Carbon disulfide	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	56-23-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-11 **Lab ID: 20214794003** Collected: 07/15/21 10:23 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Chlorobenzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	75-00-3	
Chloroform	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	100-41-4	
Isobutanol	ND	mg/kg	0.22	1	07/22/21 13:50	07/22/21 15:59	78-83-1	
Methylene Chloride	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 15:59	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	1634-04-4	
Styrene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	127-18-4	
Toluene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	79-00-5	
Trichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	75-69-4	
Vinyl chloride	ND	mg/kg	0.0018	1	07/22/21 13:50	07/22/21 15:59	75-01-4	
m&p-Xylene	ND	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 15:59	179601-23-1	
o-Xylene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 15:59	95-47-6	
Surrogates								
Toluene-d8 (S)	97	%.	75-125	1	07/22/21 13:50	07/22/21 15:59	2037-26-5	
4-Bromofluorobenzene (S)	119	%.	64-139	1	07/22/21 13:50	07/22/21 15:59	460-00-4	
Dibromofluoromethane (S)	110	%.	66-143	1	07/22/21 13:50	07/22/21 15:59	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**85.0**	%		1	07/27/21 15:46	07/27/21 15:52		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-11 **Lab ID: 20214794003** Collected: 07/15/21 10:23 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:17		

Sample: Comp-12 **Lab ID: 20214794004** Collected: 07/15/21 11:50 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 17:28	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:28	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 17:28	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	97.7	%	10.0-135	1	07/24/21 09:46	07/25/21 17:28	2051-24-3	
Tetrachloro-m-xylene (S)	81.3	%	10.0-139	1	07/24/21 09:46	07/25/21 17:28	877-09-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-12 **Lab ID: 20214794004** Collected: 07/15/21 11:50 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 16:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:59	11097-69-1	
PCB-1260 (Aroclor 1260)	**0.0727**	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 16:59	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	79.5	%	10.0-135	1	07/24/21 09:46	07/25/21 16:59	2051-24-3	
Tetrachloro-m-xylene (S)	77.2	%	10.0-139	1	07/24/21 09:46	07/25/21 16:59	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:54	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:54	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:54	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:54	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:54	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:54	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 19:54	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 19:54	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:54	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 19:54	93-72-1	
Surrogates								
2,4-DCAA (S)	64.7	%	22.0-132	1	07/22/21 00:10	07/26/21 19:54	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**2.0**	mg/kg	0.68	1	07/19/21 08:34	07/19/21 17:40	7440-38-2	
Barium	**65.7**	mg/kg	13.7	1	07/19/21 08:34	07/19/21 17:40	7440-39-3	
Cadmium	**0.49**	mg/kg	0.34	1	07/19/21 08:34	07/19/21 17:40	7440-43-9	
Chromium	**6.8**	mg/kg	0.68	1	07/19/21 08:34	07/19/21 17:40	7440-47-3	
Lead	**40.4**	mg/kg	0.34	1	07/19/21 08:34	07/19/21 17:40	7439-92-1	
Selenium	ND	mg/kg	1.4	1	07/19/21 08:34	07/19/21 17:40	7782-49-2	
Silver	ND	mg/kg	0.68	1	07/19/21 08:34	07/19/21 17:40	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.039**	mg/kg	0.016	1	07/19/21 08:54	07/19/21 12:56	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.25	5	07/19/21 04:29	07/19/21 16:44	62-53-3	D3
Dinoseb	ND	mg/kg	0.49	5	07/19/21 04:29	07/19/21 16:44	88-85-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-12 **Lab ID: 20214794004** Collected: 07/15/21 11:50 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Surrogates								
2-Fluorobiphenyl (S)	53	%.	10-150	5	07/19/21 04:29	07/19/21 16:44	321-60-8	
Terphenyl-d14 (S)	51	%.	10-147	5	07/19/21 04:29	07/19/21 16:44	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	83-32-9	
Acenaphthylene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	208-96-8	
Anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	120-12-7	
Benzo(a)anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	56-55-3	
Benzo(a)pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	92-52-4	
Butylbenzylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	85-68-7	
3&4-Chloroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38		
bis(2-Chloroethyl) ether	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	111-44-4	
2-Chloronaphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	91-58-7	
2-Chlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	95-57-8	
Chrysene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	53-70-3	
Dibenzofuran	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	3.3	5	07/19/21 06:43	07/21/21 18:38	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	120-83-2	
Diethylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	105-67-9	
Dimethylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.82	5	07/19/21 06:43	07/21/21 18:38	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	4.1	5	07/19/21 06:43	07/21/21 18:38	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	606-20-2	
Di-n-octylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	117-81-7	
Fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	206-44-0	
Fluorene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	87-68-3	
Hexachlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	77-47-4	
Hexachloroethane	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	193-39-5	
Isophorone	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	78-59-1	
2-Methylnaphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	91-57-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-12 **Lab ID: 20214794004** Collected: 07/15/21 11:50 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Naphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	91-20-3	
2-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	88-74-4	
3-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	99-09-2	
4-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	100-01-6	
Nitrobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	98-95-3	
4-Nitrophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	108-60-1	
Pentachlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	87-86-5	
Phenanthrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	85-01-8	
Phenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	108-95-2	D3
Pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 18:38	88-06-2	
Surrogates								
Terphenyl-d14 (S)	83	%.	10-145	5	07/19/21 06:43	07/21/21 18:38	1718-51-0	
2,4,6-Tribromophenol (S)	49	%.	10-138	5	07/19/21 06:43	07/21/21 18:38	118-79-6	
2-Fluorophenol (S)	63	%.	10-129	5	07/19/21 06:43	07/21/21 18:38	367-12-4	
Phenol-d6 (S)	61	%.	10-128	5	07/19/21 06:43	07/21/21 18:38	13127-88-3	
Nitrobenzene-d5 (S)	59	%.	10-144	5	07/19/21 06:43	07/21/21 18:38	4165-60-0	
2-Fluorobiphenyl (S)	58	%.	10-129	5	07/19/21 06:43	07/21/21 18:38	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.017**	mg/kg	0.012	1	07/22/21 13:50	07/22/21 16:18	67-64-1	
Benzene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	75-27-4	
Bromoform	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	75-25-2	
Bromomethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.012	1	07/22/21 13:50	07/22/21 16:18	78-93-3	
Carbon disulfide	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	56-23-5	
Chlorobenzene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	108-90-7	
Chloroethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	75-00-3	
Chloroform	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	67-66-3	
Chloromethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	156-59-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-12 **Lab ID: 20214794004** Collected: 07/15/21 11:50 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
trans-1,2-Dichloroethene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	100-41-4	
Isobutanol	ND	mg/kg	0.31	1	07/22/21 13:50	07/22/21 16:18	78-83-1	
Methylene Chloride	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.012	1	07/22/21 13:50	07/22/21 16:18	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	1634-04-4	
Styrene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	127-18-4	
Toluene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	79-00-5	
Trichloroethene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	75-69-4	
Vinyl chloride	ND	mg/kg	0.0025	1	07/22/21 13:50	07/22/21 16:18	75-01-4	
m&p-Xylene	ND	mg/kg	0.012	1	07/22/21 13:50	07/22/21 16:18	179601-23-1	
o-Xylene	ND	mg/kg	0.0062	1	07/22/21 13:50	07/22/21 16:18	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%.	75-125	1	07/22/21 13:50	07/22/21 16:18	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	64-139	1	07/22/21 13:50	07/22/21 16:18	460-00-4	
Dibromofluoromethane (S)	109	%.	66-143	1	07/22/21 13:50	07/22/21 16:18	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**76.6**	%		1	07/27/21 15:46	07/27/21 15:52		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-12 **Lab ID: 20214794004** Collected: 07/15/21 11:50 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:22		

Sample: TB-03(071521) **Lab ID: 20214794005** Collected: 07/15/21 00:00 Received: 07/16/21 06:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
Acetone	ND	mg/L	0.0040	1		07/22/21 15:41	67-64-1	
Benzene	ND	mg/L	0.00050	1		07/22/21 15:41	71-43-2	
Bromodichloromethane	ND	mg/L	0.00050	1		07/22/21 15:41	75-27-4	
Bromoform	ND	mg/L	0.0010	1		07/22/21 15:41	75-25-2	
Bromomethane	ND	mg/L	0.00050	1		07/22/21 15:41	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.0020	1		07/22/21 15:41	78-93-3	
Carbon disulfide	ND	mg/L	0.0010	1		07/22/21 15:41	75-15-0	
Carbon tetrachloride	ND	mg/L	0.00050	1		07/22/21 15:41	56-23-5	
Chlorobenzene	ND	mg/L	0.00050	1		07/22/21 15:41	108-90-7	
Chloroethane	ND	mg/L	0.00050	1		07/22/21 15:41	75-00-3	
Chloroform	ND	mg/L	0.00050	1		07/22/21 15:41	67-66-3	
Chloromethane	ND	mg/L	0.00050	1		07/22/21 15:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.00020	1		07/22/21 15:41	96-12-8	
Dibromochloromethane	ND	mg/L	0.00050	1		07/22/21 15:41	124-48-1	
1,1-Dichloroethane	ND	mg/L	0.00050	1		07/22/21 15:41	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.00050	1		07/22/21 15:41	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.00050	1		07/22/21 15:41	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	1		07/22/21 15:41	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.00050	1		07/22/21 15:41	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.00050	1		07/22/21 15:41	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/22/21 15:41	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/22/21 15:41	10061-02-6	
Ethylbenzene	ND	mg/L	0.00050	1		07/22/21 15:41	100-41-4	
Isobutanol	ND	mg/L	0.050	1		07/22/21 15:41	78-83-1	
Methylene Chloride	ND	mg/L	0.00050	1		07/22/21 15:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.0010	1		07/22/21 15:41	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.00050	1		07/22/21 15:41	1634-04-4	
Styrene	ND	mg/L	0.0010	1		07/22/21 15:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	1		07/22/21 15:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.00050	1		07/22/21 15:41	79-34-5	
Tetrachloroethene	ND	mg/L	0.00050	1		07/22/21 15:41	127-18-4	
Toluene	ND	mg/L	0.00050	1		07/22/21 15:41	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/L	0.0020	1		07/22/21 15:41	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.00050	1		07/22/21 15:41	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.00050	1		07/22/21 15:41	79-00-5	
Trichloroethene	ND	mg/L	0.00050	1		07/22/21 15:41	79-01-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: TB-03(071521) **Lab ID: 20214794005** Collected: 07/15/21 00:00 Received: 07/16/21 06:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
Trichlorofluoromethane	ND	mg/L	0.0010	1		07/22/21 15:41	75-69-4	
Vinyl chloride	ND	mg/L	0.00050	1		07/22/21 15:41	75-01-4	
m&p-Xylene	ND	mg/L	0.0020	1		07/22/21 15:41	179601-23-1	
o-Xylene	ND	mg/L	0.0010	1		07/22/21 15:41	95-47-6	
Surrogates								
Dibromofluoromethane (S)	108	%.	72-126	1		07/22/21 15:41	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	68-124	1		07/22/21 15:41	460-00-4	
Toluene-d8 (S)	98	%.	79-119	1		07/22/21 15:41	2037-26-5	

Sample: Comp-13 **Lab ID: 20214794006** Collected: 07/15/21 14:39 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 17:41	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:41	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 17:41	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	104	%	10.0-135	1	07/24/21 09:46	07/25/21 17:41	2051-24-3	
Tetrachloro-m-xylene (S)	77.2	%	10.0-139	1	07/24/21 09:46	07/25/21 17:41	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:09	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:09	11104-28-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-13 **Lab ID: 20214794006** Collected: 07/15/21 14:39 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:09	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:09	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 17:09	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 17:09	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 17:09	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	79.4	%	10.0-135	1	07/24/21 09:46	07/25/21 17:09	2051-24-3	
Tetrachloro-m-xylene (S)	75.9	%	10.0-139	1	07/24/21 09:46	07/25/21 17:09	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 20:10	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 20:10	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 20:10	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 20:10	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 20:10	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 20:10	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 20:10	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 00:10	07/26/21 20:10	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 20:10	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 00:10	07/26/21 20:10	93-72-1	
Surrogates								
2,4-DCAA (S)	72.6	%	22.0-132	1	07/22/21 00:10	07/26/21 20:10	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**2.8**	mg/kg	0.63	1	07/19/21 08:34	07/19/21 17:44	7440-38-2	
Barium	**68.5**	mg/kg	12.7	1	07/19/21 08:34	07/19/21 17:44	7440-39-3	
Cadmium	**0.61**	mg/kg	0.32	1	07/19/21 08:34	07/19/21 17:44	7440-43-9	
Chromium	**7.4**	mg/kg	0.63	1	07/19/21 08:34	07/19/21 17:44	7440-47-3	
Lead	**68.2**	mg/kg	0.32	1	07/19/21 08:34	07/19/21 17:44	7439-92-1	
Selenium	ND	mg/kg	1.3	1	07/19/21 08:34	07/19/21 17:44	7782-49-2	
Silver	ND	mg/kg	0.63	1	07/19/21 08:34	07/19/21 17:44	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.051**	mg/kg	0.015	1	07/19/21 08:54	07/19/21 13:03	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.25	5	07/19/21 04:29	07/19/21 17:11	62-53-3	D3
Dinoseb	ND	mg/kg	0.50	5	07/19/21 04:29	07/19/21 17:11	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	60	%.	10-150	5	07/19/21 04:29	07/19/21 17:11	321-60-8	
Terphenyl-d14 (S)	59	%.	10-147	5	07/19/21 04:29	07/19/21 17:11	1718-51-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-13 **Lab ID: 20214794006** Collected: 07/15/21 14:39 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	83-32-9	
Acenaphthylene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	208-96-8	
Anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	120-12-7	
Benzo(a)anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	56-55-3	
Benzo(a)pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	92-52-4	
Butylbenzylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	85-68-7	
3&4-Chloroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05		
bis(2-Chloroethyl) ether	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	111-44-4	
2-Chloronaphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	91-58-7	
2-Chlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	95-57-8	
Chrysene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	53-70-3	
Dibenzofuran	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	3.3	5	07/19/21 06:43	07/21/21 19:05	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	120-83-2	
Diethylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	105-67-9	
Dimethylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.81	5	07/19/21 06:43	07/21/21 19:05	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	4.1	5	07/19/21 06:43	07/21/21 19:05	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	606-20-2	
Di-n-octylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	117-81-7	
Fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	206-44-0	
Fluorene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	87-68-3	
Hexachlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	77-47-4	
Hexachloroethane	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	193-39-5	
Isophorone	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	78-59-1	
2-Methylnaphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	91-57-6	
Naphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	91-20-3	
2-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	88-74-4	
3-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	99-09-2	
4-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	100-01-6	
Nitrobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	98-95-3	
4-Nitrophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	100-02-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-13 **Lab ID: 20214794006** Collected: 07/15/21 14:39 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
N-Nitroso-di-n-propylamine	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	108-60-1	
Pentachlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	87-86-5	
Phenanthrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	85-01-8	
Phenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	108-95-2	D3
Pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:05	88-06-2	
Surrogates								
Terphenyl-d14 (S)	80	%.	10-145	5	07/19/21 06:43	07/21/21 19:05	1718-51-0	
2,4,6-Tribromophenol (S)	51	%.	10-138	5	07/19/21 06:43	07/21/21 19:05	118-79-6	
2-Fluorophenol (S)	70	%.	10-129	5	07/19/21 06:43	07/21/21 19:05	367-12-4	
Phenol-d6 (S)	65	%.	10-128	5	07/19/21 06:43	07/21/21 19:05	13127-88-3	
Nitrobenzene-d5 (S)	65	%.	10-144	5	07/19/21 06:43	07/21/21 19:05	4165-60-0	
2-Fluorobiphenyl (S)	61	%.	10-129	5	07/19/21 06:43	07/21/21 19:05	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.026**	mg/kg	0.0083	1	07/22/21 13:50	07/22/21 16:37	67-64-1	
Benzene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	75-27-4	
Bromoform	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	75-25-2	
Bromomethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0083	1	07/22/21 13:50	07/22/21 16:37	78-93-3	
Carbon disulfide	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	56-23-5	
Chlorobenzene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	108-90-7	
Chloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	75-00-3	
Chloroform	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	67-66-3	
Chloromethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	100-41-4	
Isobutanol	ND	mg/kg	0.21	1	07/22/21 13:50	07/22/21 16:37	78-83-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-13 **Lab ID: 20214794006** Collected: 07/15/21 14:39 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Methylene Chloride	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0083	1	07/22/21 13:50	07/22/21 16:37	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	1634-04-4	
Styrene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	127-18-4	
Toluene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	79-00-5	
Trichloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	75-69-4	
Vinyl chloride	ND	mg/kg	0.0017	1	07/22/21 13:50	07/22/21 16:37	75-01-4	
m&p-Xylene	ND	mg/kg	0.0083	1	07/22/21 13:50	07/22/21 16:37	179601-23-1	
o-Xylene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:37	95-47-6	
Surrogates								
Toluene-d8 (S)	96	%.	75-125	1	07/22/21 13:50	07/22/21 16:37	2037-26-5	
4-Bromofluorobenzene (S)	117	%.	64-139	1	07/22/21 13:50	07/22/21 16:37	460-00-4	
Dibromofluoromethane (S)	111	%.	66-143	1	07/22/21 13:50	07/22/21 16:37	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**86.2**	%		1	07/27/21 15:46	07/27/21 15:52		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:22		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-14 **Lab ID: 20214794007** Collected: 07/15/21 15:25 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 17:53	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	72-54-8	
4,4'-DDE	**0.0480**	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 17:53	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 17:53	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	88.4	%	10.0-135	1	07/24/21 09:46	07/25/21 17:53	2051-24-3	
Tetrachloro-m-xylene (S)	85.4	%	10.0-139	1	07/24/21 09:46	07/25/21 17:53	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:19	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 17:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 17:19	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 17:19	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	81.9	%	10.0-135	1	07/24/21 09:46	07/25/21 17:19	2051-24-3	
Tetrachloro-m-xylene (S)	82.5	%	10.0-139	1	07/24/21 09:46	07/25/21 17:19	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:28	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:28	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:28	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:28	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:28	15165-67-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-14 **Lab ID: 20214794007** Collected: 07/15/21 15:25 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:28	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 01:28	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 01:28	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:28	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:28	93-72-1	
Surrogates								
2,4-DCAA (S)	74.7	%	22.0-132	1	07/22/21 07:55	07/27/21 01:28	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**3.1**	mg/kg	0.79	1	07/19/21 08:34	07/19/21 17:48	7440-38-2	
Barium	**90.7**	mg/kg	15.9	1	07/19/21 08:34	07/19/21 17:48	7440-39-3	
Cadmium	**0.69**	mg/kg	0.40	1	07/19/21 08:34	07/19/21 17:48	7440-43-9	
Chromium	**8.6**	mg/kg	0.79	1	07/19/21 08:34	07/19/21 17:48	7440-47-3	
Lead	**88.7**	mg/kg	0.40	1	07/19/21 08:34	07/19/21 17:48	7439-92-1	
Selenium	ND	mg/kg	1.6	1	07/19/21 08:34	07/19/21 17:48	7782-49-2	
Silver	ND	mg/kg	0.79	1	07/19/21 08:34	07/19/21 17:48	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.059**	mg/kg	0.018	1	07/19/21 08:54	07/19/21 13:05	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.049	1	07/19/21 04:29	07/19/21 15:22	62-53-3	
Dinoseb	ND	mg/kg	0.098	1	07/19/21 04:29	07/19/21 15:22	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	73	%.	10-150	1	07/19/21 04:29	07/19/21 15:22	321-60-8	
Terphenyl-d14 (S)	71	%.	10-147	1	07/19/21 04:29	07/19/21 15:22	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	208-96-8	
Anthracene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	95-57-8	

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Sample: Comp-14 **Lab ID: 20214794007** Collected: 07/15/21 15:25 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Chrysene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/19/21 06:43	07/21/21 17:43	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	105-67-9	
Dimethylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/19/21 06:43	07/21/21 17:43	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.82	1	07/19/21 06:43	07/21/21 17:43	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	117-81-7	
Fluoranthene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	91-57-6	
Naphthalene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	108-95-2	
Pyrene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/19/21 06:43	07/21/21 17:43	88-06-2	
Surrogates								
Terphenyl-d14 (S)	92	%.	10-145	1	07/19/21 06:43	07/21/21 17:43	1718-51-0	

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ANALYTICAL RESULTS

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Pace Project No.: 20214794

Sample: Comp-14 **Lab ID: 20214794007** Collected: 07/15/21 15:25 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Surrogates								
2,4,6-Tribromophenol (S)	66	%.	10-138	1	07/19/21 06:43	07/21/21 17:43	118-79-6	
2-Fluorophenol (S)	78	%.	10-129	1	07/19/21 06:43	07/21/21 17:43	367-12-4	
Phenol-d6 (S)	72	%.	10-128	1	07/19/21 06:43	07/21/21 17:43	13127-88-3	
Nitrobenzene-d5 (S)	68	%.	10-144	1	07/19/21 06:43	07/21/21 17:43	4165-60-0	
2-Fluorobiphenyl (S)	69	%.	10-129	1	07/19/21 06:43	07/21/21 17:43	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.034**	mg/kg	0.0084	1	07/22/21 13:50	07/22/21 16:56	67-64-1	
Benzene	**0.0061**	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	75-27-4	
Bromoform	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	75-25-2	
Bromomethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0084	1	07/22/21 13:50	07/22/21 16:56	78-93-3	
Carbon disulfide	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	56-23-5	
Chlorobenzene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	108-90-7	
Chloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	75-00-3	
Chloroform	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	67-66-3	
Chloromethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	100-41-4	
Isobutanol	ND	mg/kg	0.21	1	07/22/21 13:50	07/22/21 16:56	78-83-1	
Methylene Chloride	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0084	1	07/22/21 13:50	07/22/21 16:56	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	1634-04-4	
Styrene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	127-18-4	
Toluene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	79-00-5	
Trichloroethene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	79-01-6	

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Sample: Comp-14 **Lab ID: 20214794007** Collected: 07/15/21 15:25 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Trichlorofluoromethane	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	75-69-4	
Vinyl chloride	ND	mg/kg	0.0017	1	07/22/21 13:50	07/22/21 16:56	75-01-4	
m&p-Xylene	ND	mg/kg	0.0084	1	07/22/21 13:50	07/22/21 16:56	179601-23-1	
o-Xylene	ND	mg/kg	0.0042	1	07/22/21 13:50	07/22/21 16:56	95-47-6	
Surrogates								
Toluene-d8 (S)	96	%.	75-125	1	07/22/21 13:50	07/22/21 16:56	2037-26-5	
4-Bromofluorobenzene (S)	122	%.	64-139	1	07/22/21 13:50	07/22/21 16:56	460-00-4	
Dibromofluoromethane (S)	108	%.	66-143	1	07/22/21 13:50	07/22/21 16:56	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**81.1**	%		1	07/27/21 15:46	07/27/21 15:52		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:22		

Sample: Comp-15 **Lab ID: 20214794008** Collected: 07/15/21 16:10 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/24/21 09:46	07/25/21 18:05	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	72-54-8	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-15 **Lab ID: 20214794008** Collected: 07/15/21 16:10 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
4,4'-DDE	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/24/21 09:46	07/25/21 18:05	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/24/21 09:46	07/25/21 18:05	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	85.1	%	10.0-135	1	07/24/21 09:46	07/25/21 18:05	2051-24-3	
Tetrachloro-m-xylene (S)	77.2	%	10.0-139	1	07/24/21 09:46	07/25/21 18:05	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/24/21 09:46	07/25/21 17:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 17:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 17:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/24/21 09:46	07/25/21 17:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	81.8	%	10.0-135	1	07/24/21 09:46	07/25/21 17:29	2051-24-3	
Tetrachloro-m-xylene (S)	85.1	%	10.0-139	1	07/24/21 09:46	07/25/21 17:29	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:44	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:44	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:44	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:44	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:44	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:44	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 01:44	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 01:44	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:44	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 01:44	93-72-1	
Surrogates								
2,4-DCAA (S)	57.1	%	22.0-132	1	07/22/21 07:55	07/27/21 01:44	19719-28-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-15 **Lab ID: 20214794008** Collected: 07/15/21 16:10 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**5.2**	mg/kg	0.79	1	07/19/21 08:34	07/19/21 17:52	7440-38-2	
Barium	**83.2**	mg/kg	15.9	1	07/19/21 08:34	07/19/21 17:52	7440-39-3	
Cadmium	**0.50**	mg/kg	0.40	1	07/19/21 08:34	07/19/21 17:52	7440-43-9	
Chromium	**7.8**	mg/kg	0.79	1	07/19/21 08:34	07/19/21 17:52	7440-47-3	
Lead	**46.7**	mg/kg	0.40	1	07/19/21 08:34	07/19/21 17:52	7439-92-1	
Selenium	ND	mg/kg	1.6	1	07/19/21 08:34	07/19/21 17:52	7782-49-2	
Silver	ND	mg/kg	0.79	1	07/19/21 08:34	07/19/21 17:52	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.051**	mg/kg	0.017	1	07/19/21 08:54	07/19/21 13:08	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.49	10	07/19/21 04:29	07/19/21 17:39	62-53-3	D3
Dinoseb	ND	mg/kg	0.98	10	07/19/21 04:29	07/19/21 17:39	88-85-7	M1
Surrogates								
2-Fluorobiphenyl (S)	48	%.	10-150	10	07/19/21 04:29	07/19/21 17:39	321-60-8	
Terphenyl-d14 (S)	55	%.	10-147	10	07/19/21 04:29	07/19/21 17:39	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	83-32-9	
Acenaphthylene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	208-96-8	
Anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	120-12-7	
Benzo(a)anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	56-55-3	
Benzo(a)pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	92-52-4	
Butylbenzylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	85-68-7	
3&4-Chloroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32		
bis(2-Chloroethyl) ether	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	111-44-4	
2-Chloronaphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	91-58-7	
2-Chlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	95-57-8	
Chrysene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	53-70-3	
Dibenzofuran	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	3.3	5	07/19/21 06:43	07/21/21 19:32	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	120-83-2	
Diethylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	105-67-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-15 **Lab ID: 20214794008** Collected: 07/15/21 16:10 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Dimethylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.82	5	07/19/21 06:43	07/21/21 19:32	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	4.1	5	07/19/21 06:43	07/21/21 19:32	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	606-20-2	
Di-n-octylphthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	117-81-7	
Fluoranthene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	206-44-0	
Fluorene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	87-68-3	
Hexachlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	77-47-4	
Hexachloroethane	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	193-39-5	
Isophorone	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	78-59-1	
2-Methylnaphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	91-57-6	
Naphthalene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	91-20-3	
2-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	88-74-4	
3-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	99-09-2	
4-Nitroaniline	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	100-01-6	
Nitrobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	98-95-3	
4-Nitrophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	108-60-1	
Pentachlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	87-86-5	
Phenanthrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	85-01-8	
Phenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	108-95-2	D3
Pyrene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	1.6	5	07/19/21 06:43	07/21/21 19:32	88-06-2	
Surrogates								
Terphenyl-d14 (S)	85	%.	10-145	5	07/19/21 06:43	07/21/21 19:32	1718-51-0	
2,4,6-Tribromophenol (S)	48	%.	10-138	5	07/19/21 06:43	07/21/21 19:32	118-79-6	
2-Fluorophenol (S)	64	%.	10-129	5	07/19/21 06:43	07/21/21 19:32	367-12-4	
Phenol-d6 (S)	60	%.	10-128	5	07/19/21 06:43	07/21/21 19:32	13127-88-3	
Nitrobenzene-d5 (S)	60	%.	10-144	5	07/19/21 06:43	07/21/21 19:32	4165-60-0	
2-Fluorobiphenyl (S)	58	%.	10-129	5	07/19/21 06:43	07/21/21 19:32	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.020**	mg/kg	0.0091	1	07/22/21 13:50	07/22/21 17:16	67-64-1	
Benzene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	71-43-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-15 **Lab ID: 20214794008** Collected: 07/15/21 16:10 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Bromodichloromethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	75-27-4	
Bromoform	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	75-25-2	
Bromomethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0091	1	07/22/21 13:50	07/22/21 17:16	78-93-3	
Carbon disulfide	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	56-23-5	
Chlorobenzene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	108-90-7	
Chloroethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	75-00-3	
Chloroform	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	67-66-3	
Chloromethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	100-41-4	
Isobutanol	ND	mg/kg	0.23	1	07/22/21 13:50	07/22/21 17:16	78-83-1	
Methylene Chloride	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0091	1	07/22/21 13:50	07/22/21 17:16	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	1634-04-4	
Styrene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	127-18-4	
Toluene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	79-00-5	
Trichloroethene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	75-69-4	
Vinyl chloride	ND	mg/kg	0.0018	1	07/22/21 13:50	07/22/21 17:16	75-01-4	
m&p-Xylene	ND	mg/kg	0.0091	1	07/22/21 13:50	07/22/21 17:16	179601-23-1	
o-Xylene	ND	mg/kg	0.0046	1	07/22/21 13:50	07/22/21 17:16	95-47-6	
Surrogates								
Toluene-d8 (S)	96	%.	75-125	1	07/22/21 13:50	07/22/21 17:16	2037-26-5	
4-Bromofluorobenzene (S)	118	%.	64-139	1	07/22/21 13:50	07/22/21 17:16	460-00-4	
Dibromofluoromethane (S)	108	%.	66-143	1	07/22/21 13:50	07/22/21 17:16	1868-53-7	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: Comp-15 **Lab ID: 20214794008** Collected: 07/15/21 16:10 Received: 07/16/21 06:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/26/21 16:18		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**85.9**	%		1	07/27/21 15:46	07/27/21 15:52		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:22		

Sample: TB-04(071521) **Lab ID: 20214794009** Collected: 07/15/21 00:00 Received: 07/16/21 06:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
Acetone	ND	mg/L	0.0040	1		07/22/21 15:58	67-64-1	
Benzene	ND	mg/L	0.00050	1		07/22/21 15:58	71-43-2	
Bromodichloromethane	ND	mg/L	0.00050	1		07/22/21 15:58	75-27-4	
Bromoform	ND	mg/L	0.0010	1		07/22/21 15:58	75-25-2	
Bromomethane	ND	mg/L	0.00050	1		07/22/21 15:58	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.0020	1		07/22/21 15:58	78-93-3	
Carbon disulfide	ND	mg/L	0.0010	1		07/22/21 15:58	75-15-0	
Carbon tetrachloride	ND	mg/L	0.00050	1		07/22/21 15:58	56-23-5	
Chlorobenzene	ND	mg/L	0.00050	1		07/22/21 15:58	108-90-7	
Chloroethane	ND	mg/L	0.00050	1		07/22/21 15:58	75-00-3	
Chloroform	ND	mg/L	0.00050	1		07/22/21 15:58	67-66-3	
Chloromethane	ND	mg/L	0.00050	1		07/22/21 15:58	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.00020	1		07/22/21 15:58	96-12-8	
Dibromochloromethane	ND	mg/L	0.00050	1		07/22/21 15:58	124-48-1	
1,1-Dichloroethane	ND	mg/L	0.00050	1		07/22/21 15:58	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.00050	1		07/22/21 15:58	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.00050	1		07/22/21 15:58	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	1		07/22/21 15:58	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.00050	1		07/22/21 15:58	156-60-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Sample: TB-04(071521) **Lab ID: 20214794009** Collected: 07/15/21 00:00 Received: 07/16/21 06:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - New Orleans							
1,2-Dichloropropane	ND	mg/L	0.00050	1		07/22/21 15:58	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/22/21 15:58	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/22/21 15:58	10061-02-6	
Ethylbenzene	ND	mg/L	0.00050	1		07/22/21 15:58	100-41-4	
Isobutanol	ND	mg/L	0.050	1		07/22/21 15:58	78-83-1	
Methylene Chloride	ND	mg/L	0.00050	1		07/22/21 15:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.0010	1		07/22/21 15:58	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.00050	1		07/22/21 15:58	1634-04-4	
Styrene	ND	mg/L	0.0010	1		07/22/21 15:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	1		07/22/21 15:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.00050	1		07/22/21 15:58	79-34-5	
Tetrachloroethene	ND	mg/L	0.00050	1		07/22/21 15:58	127-18-4	
Toluene	ND	mg/L	0.00050	1		07/22/21 15:58	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/L	0.0020	1		07/22/21 15:58	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.00050	1		07/22/21 15:58	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.00050	1		07/22/21 15:58	79-00-5	
Trichloroethene	ND	mg/L	0.00050	1		07/22/21 15:58	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	1		07/22/21 15:58	75-69-4	
Vinyl chloride	ND	mg/L	0.00050	1		07/22/21 15:58	75-01-4	
m&p-Xylene	ND	mg/L	0.0020	1		07/22/21 15:58	179601-23-1	
o-Xylene	ND	mg/L	0.0010	1		07/22/21 15:58	95-47-6	
Surrogates								
Dibromofluoromethane (S)	109	%.	72-126	1		07/22/21 15:58	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	68-124	1		07/22/21 15:58	460-00-4	
Toluene-d8 (S)	98	%.	79-119	1		07/22/21 15:58	2037-26-5	

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 1710888
QC Batch Method: 3546/3665A
Analysis Method: EPA 8081
Analysis Description: Pesticides (GC) 8081
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: R3684055-1 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aldrin	mg/kg	ND	0.0200	07/25/21 13:58	
alpha-BHC	mg/kg	ND	0.0200	07/25/21 13:58	
beta-BHC	mg/kg	ND	0.0200	07/25/21 13:58	
delta-BHC	mg/kg	ND	0.0200	07/25/21 13:58	
gamma-BHC (Lindane)	mg/kg	ND	0.0200	07/25/21 13:58	
4,4'-DDD	mg/kg	ND	0.0200	07/25/21 13:58	
4,4'-DDE	mg/kg	ND	0.0200	07/25/21 13:58	
4,4'-DDT	mg/kg	ND	0.0200	07/25/21 13:58	
Dieldrin	mg/kg	ND	0.0200	07/25/21 13:58	
Endosulfan I	mg/kg	ND	0.0200	07/25/21 13:58	
Endosulfan II	mg/kg	ND	0.0200	07/25/21 13:58	
Endosulfan sulfate	mg/kg	ND	0.0200	07/25/21 13:58	
Endrin	mg/kg	ND	0.0200	07/25/21 13:58	
Endrin aldehyde	mg/kg	ND	0.0200	07/25/21 13:58	
Endrin ketone	mg/kg	ND	0.0200	07/25/21 13:58	
Heptachlor	mg/kg	ND	0.0200	07/25/21 13:58	
Heptachlor epoxide	mg/kg	ND	0.0200	07/25/21 13:58	
Hexachlorobenzene	mg/kg	ND	0.0200	07/25/21 13:58	
Methoxychlor	mg/kg	ND	0.0200	07/25/21 13:58	
Chlordane (Technical)	mg/kg	ND	0.300	07/25/21 13:58	
Toxaphene	mg/kg	ND	0.400	07/25/21 13:58	
Decachlorobiphenyl (S)	%	71.3	10.0-135	07/25/21 13:58	
Tetrachloro-m-xylene (S)	%	82.9	10.0-139	07/25/21 13:58	

LABORATORY CONTROL SAMPLE: R3684055-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aldrin	mg/kg	0.0666	0.0592	88.9	34.0-136	
alpha-BHC	mg/kg	0.0666	0.0539	80.9	34.0-139	
beta-BHC	mg/kg	0.0666	0.0624	93.7	34.0-133	
delta-BHC	mg/kg	0.0666	0.0520	78.1	34.0-135	
gamma-BHC (Lindane)	mg/kg	0.0666	0.0558	83.8	34.0-136	
4,4'-DDD	mg/kg	0.0666	0.0559	83.9	33.0-141	
4,4'-DDE	mg/kg	0.0666	0.0580	87.1	34.0-134	
4,4'-DDT	mg/kg	0.0666	0.0520	78.1	30.0-143	
Dieldrin	mg/kg	0.0666	0.0577	86.6	35.0-137	
Endosulfan I	mg/kg	0.0666	0.0609	91.4	34.0-134	
Endosulfan II	mg/kg	0.0666	0.0589	88.4	35.0-132	
Endosulfan sulfate	mg/kg	0.0666	0.0563	84.5	35.0-132	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

LABORATORY CONTROL SAMPLE: R3684055-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin	mg/kg	0.0666	0.0562	84.4	34.0-137	
Endrin aldehyde	mg/kg	0.0666	0.0545	81.8	23.0-121	
Endrin ketone	mg/kg	0.0666	0.0519	77.9	35.0-144	
Heptachlor	mg/kg	0.0666	0.0745	112	36.0-141	
Heptachlor epoxide	mg/kg	0.0666	0.0597	89.6	36.0-134	
Hexachlorobenzene	mg/kg	0.0666	0.0546	82.0	33.0-129	
Methoxychlor	mg/kg	0.0666	0.0545	81.8	28.0-150	
Decachlorobiphenyl (S)	%			71.3	10.0-135	
Tetrachloro-m-xylene (S)	%			90.7	10.0-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684055-3 R3684055-4

Parameter	Units	L1379127-06 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aldrin	mg/kg	ND	0.0666	0.0666	0.0530	0.0585	79.6	87.8	20.0-135	9.87	37	
alpha-BHC	mg/kg	ND	0.0666	0.0666	0.0543	0.0574	81.5	86.2	27.0-140	5.55	35	
beta-BHC	mg/kg	ND	0.0666	0.0666	0.0629	0.0664	94.4	99.7	23.0-141	5.41	37	
delta-BHC	mg/kg	ND	0.0666	0.0666	0.0517	0.0542	77.6	81.4	21.0-138	4.72	35	
gamma-BHC (Lindane)	mg/kg	ND	0.0666	0.0666	0.0560	0.0588	84.1	88.3	27.0-137	4.88	36	
4,4'-DDD	mg/kg	ND	0.0666	0.0666	0.0616	0.0677	92.5	102	15.0-152	9.44	39	
4,4'-DDE	mg/kg	ND	0.0666	0.0666	0.0569	0.0641	85.4	96.2	10.0-152	11.9	40	
4,4'-DDT	mg/kg	ND	0.0666	0.0666	0.0468	0.0503	70.3	75.5	10.0-151	7.21	40	
Dieldrin	mg/kg	ND	0.0666	0.0666	0.0564	0.0605	84.7	90.8	17.0-145	7.01	37	
Endosulfan I	mg/kg	ND	0.0666	0.0666	0.0584	0.0625	87.7	93.8	20.0-137	6.78	36	
Endosulfan II	mg/kg	ND	0.0666	0.0666	0.0586	0.0619	88.0	92.9	15.0-141	5.48	37	
Endosulfan sulfate	mg/kg	ND	0.0666	0.0666	0.0619	0.0631	92.9	94.7	15.0-143	1.92	38	
Endrin	mg/kg	ND	0.0666	0.0666	0.0561	0.0590	84.2	88.6	19.0-143	5.04	37	
Endrin aldehyde	mg/kg	ND	0.0666	0.0666	0.0448	0.0666	67.3	100	10.0-139	39.1	40	
Endrin ketone	mg/kg	ND	0.0666	0.0666	0.0607	0.0613	91.1	92.0	17.0-149	0.984	38	
Heptachlor	mg/kg	ND	0.0666	0.0666	0.0672	0.0759	101	114	22.0-138	12.2	37	
Heptachlor epoxide	mg/kg	ND	0.0666	0.0666	0.0573	0.0616	86.0	92.5	22.0-138	7.23	36	
Hexachlorobenzene	mg/kg	ND	0.0666	0.0666	0.0491	0.0627	73.7	94.1	25.0-126	24.3	35	
Methoxychlor	mg/kg	ND	0.0666	0.0666	0.0561	0.0574	84.2	86.2	10.0-159	2.29	40	
Decachlorobiphenyl (S)	%						91.7	104	10.0-135			
Tetrachloro-m-xylene (S)	%						89.5	90.8	10.0-139			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 1710888
QC Batch Method: 3546/3665A
Analysis Method: EPA 8082
Analysis Description: PCBs(GC) 8082
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: R3683924-1 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.0340	07/25/21 13:38	
PCB-1221 (Aroclor 1221)	mg/kg	ND	0.0340	07/25/21 13:38	
PCB-1232 (Aroclor 1232)	mg/kg	ND	0.0340	07/25/21 13:38	
PCB-1242 (Aroclor 1242)	mg/kg	ND	0.0340	07/25/21 13:38	
PCB-1248 (Aroclor 1248)	mg/kg	ND	0.0170	07/25/21 13:38	
PCB-1254 (Aroclor 1254)	mg/kg	ND	0.0170	07/25/21 13:38	
PCB-1260 (Aroclor 1260)	mg/kg	ND	0.0170	07/25/21 13:38	
Decachlorobiphenyl (S)	%	71	10.0-135	07/25/21 13:38	
Tetrachloro-m-xylene (S)	%	79.6	10.0-139	07/25/21 13:38	

LABORATORY CONTROL SAMPLE: R3683924-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1260 (Aroclor 1260)	mg/kg	0.167	0.125	74.9	37.0-145	
PCB-1016 (Aroclor 1016)	mg/kg	0.167	0.142	85.0	36.0-141	
Decachlorobiphenyl (S)	%			82.1	10.0-135	
Tetrachloro-m-xylene (S)	%			85.6	10.0-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3683924-3 R3683924-4

Parameter	Units	L1379127-06 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1260 (Aroclor 1260)	mg/kg	0.0161	0.167	0.167	0.178	0.207	98.9	116	10.0-160	15.1	38	
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.167	0.167	0.172	0.191	103	114	10.0-160	10.5	37	
Decachlorobiphenyl (S)	%						91.6	95.3	10.0-135			
Tetrachloro-m-xylene (S)	%						84.2	84.4	10.0-139			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 1709278
QC Batch Method: 8151A
Analysis Method: EPA 8151
Analysis Description: Chlorinated Herb. (GC) 8151
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006

METHOD BLANK: R3684092-1 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4-D	mg/kg	ND	0.0700	07/26/21 12:25	
Dalapon	mg/kg	ND	0.0700	07/26/21 12:25	
2,4-DB	mg/kg	ND	0.0700	07/26/21 12:25	
Dicamba	mg/kg	ND	0.0700	07/26/21 12:25	
Dichloroprop	mg/kg	ND	0.0700	07/26/21 12:25	
Dinoseb	mg/kg	ND	0.0700	07/26/21 12:25	
MCPA	mg/kg	ND	6.50	07/26/21 12:25	
MCPP	mg/kg	ND	6.50	07/26/21 12:25	
2,4,5-T	mg/kg	ND	0.0700	07/26/21 12:25	
2,4,5-TP (Silvex)	mg/kg	ND	0.0700	07/26/21 12:25	
2,4-DCAA (S)	%	81.4	22.0-132	07/26/21 12:25	

LABORATORY CONTROL SAMPLE: R3684092-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-D	mg/kg	0.167	0.143	85.6	40.0-120	
Dalapon	mg/kg	0.167	0.134	80.2	15.0-120	
2,4-DB	mg/kg	0.167	0.154	92.2	25.0-143	P9
Dicamba	mg/kg	0.167	0.165	98.8	43.0-120	
Dichloroprop	mg/kg	0.167	0.153	91.6	32.0-129	
Dinoseb	mg/kg	0.167	0.117	70.1	10.0-120	
MCPA	mg/kg	1.67	3.06	183	31.0-121	E,L0
MCPP	mg/kg	1.67	3.96	237	28.0-133	E,L0
2,4,5-T	mg/kg	0.167	0.132	79.0	41.0-120	
2,4,5-TP (Silvex)	mg/kg	0.167	0.156	93.4	42.0-120	
2,4-DCAA (S)	%			85.0	22.0-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684092-3 R3684092-4

Parameter	Units	20214794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-D	mg/kg	ND	0.167	0.166	0.116	0.127	69.5	76.5	10.0-160	9.05	24	
Dalapon	mg/kg	ND	0.167	0.166	0.114	0.119	68.3	71.7	10.0-121	4.29	27	
2,4-DB	mg/kg	ND	0.167	0.166	0.129	0.151	77.2	91.0	10.0-160	15.7	22	
Dicamba	mg/kg	ND	0.167	0.166	0.130	0.142	77.8	85.5	10.0-154	8.82	21	
Dichloroprop	mg/kg	ND	0.167	0.166	0.113	0.127	67.7	76.5	10.0-158	11.7	20	
Dinoseb	mg/kg	ND	0.167	0.166	0.0924	0.101	55.3	60.8	10.0-120	8.89	40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684092-3 R3684092-4

Parameter	Units	20214794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
MCPA	mg/kg	ND	1.67	1.66	1.67	1.81	100	109	10.0-160	8.05	40	E
MCPP	mg/kg	ND	1.67	1.66	2.55	2.67	153	161	10.0-160	4.60	40	MH
2,4,5-T	mg/kg	ND	0.167	0.166	0.103	0.114	61.7	68.7	10.0-157	10.1	20	
2,4,5-TP (Silvex)	mg/kg	ND	0.167	0.166	0.116	0.130	69.5	78.3	10.0-156	11.4	20	
2,4-DCAA (S)	%						73.7	81.3	22.0-132			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 1709663
QC Batch Method: 8151A
Analysis Method: EPA 8151
Analysis Description: Chlorinated Herb. (GC) 8151
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214794007, 20214794008

METHOD BLANK: R3684093-1 Matrix: Solid
Associated Lab Samples: 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4-D	mg/kg	ND	0.0700	07/26/21 12:41	
Dalapon	mg/kg	ND	0.0700	07/26/21 12:41	
2,4-DB	mg/kg	ND	0.0700	07/26/21 12:41	
Dicamba	mg/kg	ND	0.0700	07/26/21 12:41	
Dichloroprop	mg/kg	ND	0.0700	07/26/21 12:41	
Dinoseb	mg/kg	ND	0.0700	07/26/21 12:41	
MCPA	mg/kg	ND	6.50	07/26/21 12:41	
MCPP	mg/kg	ND	6.50	07/26/21 12:41	
2,4,5-T	mg/kg	ND	0.0700	07/26/21 12:41	
2,4,5-TP (Silvex)	mg/kg	ND	0.0700	07/26/21 12:41	
2,4-DCAA (S)	%	76.6	22.0-132	07/26/21 12:41	

LABORATORY CONTROL SAMPLE: R3684093-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-D	mg/kg	0.167	0.128	76.6	40.0-120	
Dalapon	mg/kg	0.167	0.110	65.9	15.0-120	
2,4-DB	mg/kg	0.167	0.137	82.0	25.0-143	P9
Dicamba	mg/kg	0.167	0.145	86.8	43.0-120	
Dichloroprop	mg/kg	0.167	0.140	83.8	32.0-129	
Dinoseb	mg/kg	0.167	0.108	64.7	10.0-120	
MCPA	mg/kg	1.67	2.13	128	31.0-121	E,L0
MCPP	mg/kg	1.67	3.17	190	28.0-133	L0
2,4,5-T	mg/kg	0.167	0.122	73.1	41.0-120	P9
2,4,5-TP (Silvex)	mg/kg	0.167	0.142	85.0	42.0-120	
2,4-DCAA (S)	%			77.8	22.0-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684093-3 R3684093-4

Parameter	Units	L1380877-11 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-D	mg/kg	ND	0.166	0.166	0.131	0.135	78.9	81.3	10.0-160	3.01	24	
Dalapon	mg/kg	ND	0.166	0.166	0.110	0.115	66.3	69.3	10.0-121	4.44	27	
2,4-DB	mg/kg	ND	0.166	0.166	0.114	0.120	68.7	72.3	10.0-160	5.13	22	
Dicamba	mg/kg	ND	0.166	0.166	0.136	0.141	81.9	84.9	10.0-154	3.61	21	
Dichloroprop	mg/kg	ND	0.166	0.166	0.122	0.126	73.5	75.9	10.0-158	3.23	20	
Dinoseb	mg/kg	ND	0.166	0.166	0.0840	0.0822	50.6	49.5	10.0-120	2.17	40	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684093-3 R3684093-4

Parameter	Units	L1380877-11 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
MCPA	mg/kg	ND	1.66	1.66	1.01	1.02	60.8	61.4	10.0-160	0.985	40	
MCPP	mg/kg	ND	1.66	1.66	1.62	1.11	97.6	66.9	10.0-160	37.4	40	
2,4,5-T	mg/kg	ND	0.166	0.166	0.108	0.114	65.1	68.7	10.0-157	5.41	20	
2,4,5-TP (Silvex)	mg/kg	ND	0.166	0.166	0.117	0.123	70.5	74.1	10.0-156	5.00	20	
2,4-DCAA (S)	%						74.7	79.5	22.0-132			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 231395 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: 1088530 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.020	07/19/21 12:37	

LABORATORY CONTROL SAMPLE: 1088531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.1	0.099	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1088532 1088533

Parameter	Units	20214736001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	5.2	0.23	0.19	5.6	6.4	181	644	75-125	14	20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 231394
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: 1088526 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	07/19/21 14:55	
Barium	mg/kg	ND	20.0	07/19/21 14:55	
Cadmium	mg/kg	ND	0.50	07/19/21 14:55	
Chromium	mg/kg	ND	1.0	07/19/21 14:55	
Lead	mg/kg	ND	0.50	07/19/21 14:55	
Selenium	mg/kg	ND	2.0	07/19/21 14:55	
Silver	mg/kg	ND	1.0	07/19/21 14:55	

LABORATORY CONTROL SAMPLE: 1088527

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	100	100	84-115	
Barium	mg/kg	100	106	106	85-115	
Cadmium	mg/kg	100	100	100	85-115	
Chromium	mg/kg	100	105	105	85-115	
Lead	mg/kg	100	101	101	85-115	
Selenium	mg/kg	100	96.2	96	77-115	
Silver	mg/kg	50	50.2	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1088528 1088529

Parameter	Units	20214736001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	30.7	132	200	161	236	99	103	80-120	38	20	R1
Barium	mg/kg	<226	132	200	170	248	113	113	80-120	37	20	R1
Cadmium	mg/kg	13.5	132	200	145	221	100	104	80-120	41	20	R1
Chromium	mg/kg	305	132	200	431	509	95	102	80-120	17	20	
Lead	mg/kg	51.1	132	200	171	253	91	101	80-120	39	20	R1
Selenium	mg/kg	<22.6	132	200	135	212	97	102	80-120	44	20	R1
Silver	mg/kg	<11.3	66	100	61.6	102	91	101	80-120	50	20	R1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 231884
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035 Low Level
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: 1090784 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1-Dichloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1-Dichloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	07/22/21 14:43	
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.0050	07/22/21 14:43	
1,2-Dichloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,2-Dichloropropane	mg/kg	ND	0.0050	07/22/21 14:43	
2-Butanone (MEK)	mg/kg	ND	0.010	07/22/21 14:43	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.010	07/22/21 14:43	
Acetone	mg/kg	ND	0.010	07/22/21 14:43	
Benzene	mg/kg	ND	0.0050	07/22/21 14:43	
Bromodichloromethane	mg/kg	ND	0.0050	07/22/21 14:43	
Bromoform	mg/kg	ND	0.0050	07/22/21 14:43	
Bromomethane	mg/kg	ND	0.0050	07/22/21 14:43	
Carbon disulfide	mg/kg	ND	0.0050	07/22/21 14:43	
Carbon tetrachloride	mg/kg	ND	0.0050	07/22/21 14:43	
Chlorobenzene	mg/kg	ND	0.0050	07/22/21 14:43	
Chloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
Chloroform	mg/kg	ND	0.0050	07/22/21 14:43	
Chloromethane	mg/kg	ND	0.0050	07/22/21 14:43	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	07/22/21 14:43	
Dibromochloromethane	mg/kg	ND	0.0050	07/22/21 14:43	
Ethylbenzene	mg/kg	ND	0.0050	07/22/21 14:43	
Isobutanol	mg/kg	ND	0.25	07/22/21 14:43	
m&p-Xylene	mg/kg	ND	0.010	07/22/21 14:43	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	07/22/21 14:43	
Methylene Chloride	mg/kg	ND	0.0050	07/22/21 14:43	
o-Xylene	mg/kg	ND	0.0050	07/22/21 14:43	
Styrene	mg/kg	ND	0.0050	07/22/21 14:43	
Tetrachloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
Toluene	mg/kg	ND	0.0050	07/22/21 14:43	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	07/22/21 14:43	
Trichloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
Trichlorofluoromethane	mg/kg	ND	0.0050	07/22/21 14:43	
Vinyl chloride	mg/kg	ND	0.0020	07/22/21 14:43	

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REPORT OF LABORATORY ANALYSIS

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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

METHOD BLANK: 1090784 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	101	64-139	07/22/21 14:43	
Dibromofluoromethane (S)	%.	100	66-143	07/22/21 14:43	
Toluene-d8 (S)	%.	99	75-125	07/22/21 14:43	

LABORATORY CONTROL SAMPLE: 1090785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.055	110	72-121	
1,1,1-Trichloroethane	mg/kg	0.05	0.055	110	76-126	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.057	115	65-129	
1,1,2-Trichloroethane	mg/kg	0.05	0.053	105	75-121	
1,1-Dichloroethane	mg/kg	0.05	0.054	107	71-127	
1,1-Dichloroethene	mg/kg	0.05	0.051	103	63-130	
1,2,4-Trichlorobenzene	mg/kg	0.05	0.055	110	67-123	
1,2-Dibromo-3-chloropropane	mg/kg	0.05	0.055	111	59-131	
1,2-Dichloroethane	mg/kg	0.05	0.055	110	65-131	
1,2-Dichloropropane	mg/kg	0.05	0.054	107	72-125	
2-Butanone (MEK)	mg/kg	0.05	0.054	107	34-170	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.05	0.050	100	58-141	
Acetone	mg/kg	0.05	0.062	124	16-192	
Benzene	mg/kg	0.05	0.053	106	74-132	
Bromodichloromethane	mg/kg	0.05	0.053	107	73-117	
Bromoform	mg/kg	0.05	0.054	108	58-132	
Bromomethane	mg/kg	0.05	0.054	108	47-157	
Carbon disulfide	mg/kg	0.05	0.049	97	52-145	
Carbon tetrachloride	mg/kg	0.05	0.054	108	68-129	
Chlorobenzene	mg/kg	0.05	0.054	108	79-121	
Chloroethane	mg/kg	0.05	0.056	111	34-160	
Chloroform	mg/kg	0.05	0.053	106	70-120	
Chloromethane	mg/kg	0.05	0.060	119	44-142	
cis-1,2-Dichloroethene	mg/kg	0.05	0.054	107	71-124	
cis-1,3-Dichloropropene	mg/kg	0.05	0.052	105	77-121	
Dibromochloromethane	mg/kg	0.05	0.052	104	67-122	
Ethylbenzene	mg/kg	0.05	0.053	107	79-116	
m&p-Xylene	mg/kg	0.1	0.11	105	78-119	
Methyl-tert-butyl ether	mg/kg	0.05	0.055	110	58-135	
Methylene Chloride	mg/kg	0.05	0.053	106	49-145	
o-Xylene	mg/kg	0.05	0.053	106	77-121	
Styrene	mg/kg	0.05	0.053	107	81-123	
Tetrachloroethene	mg/kg	0.05	0.052	103	62-138	
Toluene	mg/kg	0.05	0.051	101	79-120	
trans-1,2-Dichloroethene	mg/kg	0.05	0.052	104	68-125	
trans-1,3-Dichloropropene	mg/kg	0.05	0.053	105	77-121	
Trichloroethene	mg/kg	0.05	0.053	106	77-117	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

LABORATORY CONTROL SAMPLE: 1090785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichlorofluoromethane	mg/kg	0.05	0.052	104	45-164	
Vinyl chloride	mg/kg	0.05	0.054	108	48-130	
4-Bromofluorobenzene (S)	%.			99	64-139	
Dibromofluoromethane (S)	%.			103	66-143	
Toluene-d8 (S)	%.			97	75-125	

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REPORT OF LABORATORY ANALYSIS

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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 231827
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794005, 20214794009

METHOD BLANK: 1090568 Matrix: Water
Associated Lab Samples: 20214794005, 20214794009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	ND	0.0010	07/22/21 11:15	
1,1,1-Trichloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,1,2,2-Tetrachloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,1,2-Trichloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,1-Dichloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,1-Dichloroethene	mg/L	ND	0.00050	07/22/21 11:15	
1,2,4-Trichlorobenzene	mg/L	ND	0.0020	07/22/21 11:15	
1,2-Dibromo-3-chloropropane	mg/L	ND	0.00020	07/22/21 11:15	
1,2-Dichloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,2-Dichloropropane	mg/L	ND	0.00050	07/22/21 11:15	
2-Butanone (MEK)	mg/L	ND	0.0020	07/22/21 11:15	
4-Methyl-2-pentanone (MIBK)	mg/L	ND	0.0010	07/22/21 11:15	
Acetone	mg/L	ND	0.0040	07/22/21 11:15	
Benzene	mg/L	ND	0.00050	07/22/21 11:15	
Bromodichloromethane	mg/L	ND	0.00050	07/22/21 11:15	
Bromoform	mg/L	ND	0.0010	07/22/21 11:15	
Bromomethane	mg/L	ND	0.00050	07/22/21 11:15	
Carbon disulfide	mg/L	ND	0.0010	07/22/21 11:15	
Carbon tetrachloride	mg/L	ND	0.00050	07/22/21 11:15	
Chlorobenzene	mg/L	ND	0.00050	07/22/21 11:15	
Chloroethane	mg/L	ND	0.00050	07/22/21 11:15	
Chloroform	mg/L	ND	0.00050	07/22/21 11:15	
Chloromethane	mg/L	ND	0.00050	07/22/21 11:15	
cis-1,2-Dichloroethene	mg/L	ND	0.0010	07/22/21 11:15	
cis-1,3-Dichloropropene	mg/L	ND	0.00050	07/22/21 11:15	
Dibromochloromethane	mg/L	ND	0.00050	07/22/21 11:15	
Ethylbenzene	mg/L	ND	0.00050	07/22/21 11:15	
Isobutanol	mg/L	ND	0.050	07/22/21 11:15	
m&p-Xylene	mg/L	ND	0.0020	07/22/21 11:15	
Methyl-tert-butyl ether	mg/L	ND	0.00050	07/22/21 11:15	
Methylene Chloride	mg/L	ND	0.00050	07/22/21 11:15	
o-Xylene	mg/L	ND	0.0010	07/22/21 11:15	
Styrene	mg/L	ND	0.0010	07/22/21 11:15	
Tetrachloroethene	mg/L	ND	0.00050	07/22/21 11:15	
Toluene	mg/L	ND	0.00050	07/22/21 11:15	
trans-1,2-Dichloroethene	mg/L	ND	0.00050	07/22/21 11:15	
trans-1,3-Dichloropropene	mg/L	ND	0.00050	07/22/21 11:15	
Trichloroethene	mg/L	ND	0.00050	07/22/21 11:15	
Trichlorofluoromethane	mg/L	ND	0.0010	07/22/21 11:15	
Vinyl chloride	mg/L	ND	0.00050	07/22/21 11:15	

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REPORT OF LABORATORY ANALYSIS

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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

METHOD BLANK: 1090568 Matrix: Water
Associated Lab Samples: 20214794005, 20214794009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	102	68-124	07/22/21 11:15	
Dibromofluoromethane (S)	%.	103	72-126	07/22/21 11:15	
Toluene-d8 (S)	%.	100	79-119	07/22/21 11:15	

LABORATORY CONTROL SAMPLE: 1090569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	0.05	0.046	93	66-134	
1,1,1-Trichloroethane	mg/L	0.05	0.055	110	62-131	
1,1,2,2-Tetrachloroethane	mg/L	0.05	0.056	112	15-179	
1,1,2-Trichloroethane	mg/L	0.05	0.050	101	58-144	
1,1-Dichloroethane	mg/L	0.05	0.052	104	63-129	
1,1-Dichloroethene	mg/L	0.05	0.053	106	51-139	
1,2,4-Trichlorobenzene	mg/L	0.05	0.050	100	50-135	
1,2-Dibromo-3-chloropropane	mg/L	0.05	0.050	101	21-160	
1,2-Dichloroethane	mg/L	0.05	0.052	103	57-148	
1,2-Dichloropropane	mg/L	0.05	0.055	109	66-128	
2-Butanone (MEK)	mg/L	0.05	0.054	107	32-183	
4-Methyl-2-pentanone (MIBK)	mg/L	0.05	0.055	110	26-171	
Acetone	mg/L	0.05	0.068	135	22-165	
Benzene	mg/L	0.05	0.054	108	62-131	
Bromodichloromethane	mg/L	0.05	0.056	111	69-132	
Bromoform	mg/L	0.05	0.045	90	35-166	
Bromomethane	mg/L	0.05	0.045	91	34-158	
Carbon disulfide	mg/L	0.05	0.054	108	31-128	
Carbon tetrachloride	mg/L	0.05	0.053	106	54-144	
Chlorobenzene	mg/L	0.05	0.047	94	70-127	
Chloroethane	mg/L	0.05	0.049	97	17-195	
Chloroform	mg/L	0.05	0.051	103	73-134	
Chloromethane	mg/L	0.05	0.043	86	17-153	
cis-1,2-Dichloroethene	mg/L	0.05	0.050	100	68-129	
cis-1,3-Dichloropropene	mg/L	0.05	0.059	119	72-138	
Dibromochloromethane	mg/L	0.05	0.049	99	49-146	
Ethylbenzene	mg/L	0.05	0.051	102	66-126	
m&p-Xylene	mg/L	0.1	0.10	101	65-129	
Methyl-tert-butyl ether	mg/L	0.05	0.065	129	37-166	
Methylene Chloride	mg/L	0.05	0.052	103	46-168	
o-Xylene	mg/L	0.05	0.050	100	65-124	
Styrene	mg/L	0.05	0.050	100	72-133	
Tetrachloroethene	mg/L	0.05	0.048	95	46-157	
Toluene	mg/L	0.05	0.050	99	69-126	
trans-1,2-Dichloroethene	mg/L	0.05	0.051	101	60-129	
trans-1,3-Dichloropropene	mg/L	0.05	0.057	114	59-149	
Trichloroethene	mg/L	0.05	0.050	101	67-132	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

LABORATORY CONTROL SAMPLE: 1090569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichlorofluoromethane	mg/L	0.05	0.048	95	39-171	
Vinyl chloride	mg/L	0.05	0.051	102	27-149	
4-Bromofluorobenzene (S)	%.			97	68-124	
Dibromofluoromethane (S)	%.			101	72-126	
Toluene-d8 (S)	%.			99	79-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1090570 1090571

Parameter	Units	20214733012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/L	ND	0.05	0.05	0.052	0.050	104	100	66-136	4	20	
1,1,1-Trichloroethane	mg/L	ND	0.05	0.05	0.064	0.060	128	121	54-137	6	20	
1,1,2,2-Tetrachloroethane	mg/L	ND	0.05	0.05	0.066	0.065	132	130	15-187	2	20	
1,1,2-Trichloroethane	mg/L	ND	0.05	0.05	0.058	0.055	116	111	59-148	4	20	
1,1-Dichloroethane	mg/L	ND	0.05	0.05	0.060	0.057	120	114	59-133	5	20	
1,1-Dichloroethene	mg/L	ND	0.05	0.05	0.062	0.059	123	117	44-146	5	20	
1,2,4-Trichlorobenzene	mg/L	ND	0.05	0.05	0.057	0.058	115	116	39-153	1	20	
1,2-Dibromo-3-chloropropane	mg/L	ND	0.05	0.05	0.060	0.061	120	123	23-166	2	20	
1,2-Dichloroethane	mg/L	ND	0.05	0.05	0.060	0.057	120	115	56-154	5	20	
1,2-Dichloropropane	mg/L	ND	0.05	0.05	0.063	0.060	125	120	62-135	4	20	
2-Butanone (MEK)	mg/L	ND	0.05	0.05	0.060	0.061	119	119	20-205	0	20	
4-Methyl-2-pentanone (MIBK)	mg/L	ND	0.05	0.05	0.063	0.062	127	123	23-184	3	20	
Acetone	mg/L	5.0 ug/L	0.05	0.05	0.069	0.069	129	128	11-217	1	20	
Benzene	mg/L	ND	0.05	0.05	0.061	0.058	122	117	52-141	5	20	
Bromodichloromethane	mg/L	ND	0.05	0.05	0.064	0.062	129	124	70-134	4	20	
Bromoform	mg/L	ND	0.05	0.05	0.051	0.050	103	100	37-171	3	20	
Bromomethane	mg/L	ND	0.05	0.05	0.052	0.050	105	100	34-155	5	20	
Carbon disulfide	mg/L	ND	0.05	0.05	0.066	0.059	133	117	28-130	12	20	M1
Carbon tetrachloride	mg/L	ND	0.05	0.05	0.062	0.060	125	119	48-146	5	20	
Chlorobenzene	mg/L	ND	0.05	0.05	0.053	0.051	106	101	67-129	4	20	
Chloroethane	mg/L	ND	0.05	0.05	0.056	0.054	113	108	12-192	4	20	
Chloroform	mg/L	ND	0.05	0.05	0.058	0.056	116	112	66-143	4	20	
Chloromethane	mg/L	ND	0.05	0.05	0.049	0.048	98	96	14-155	3	20	
cis-1,2-Dichloroethene	mg/L	ND	0.05	0.05	0.056	0.054	112	108	56-141	4	20	
cis-1,3-Dichloropropene	mg/L	ND	0.05	0.05	0.064	0.062	128	123	70-139	4	20	
Dibromochloromethane	mg/L	ND	0.05	0.05	0.056	0.054	113	108	50-150	4	20	
Ethylbenzene	mg/L	ND	0.05	0.05	0.058	0.055	116	110	57-135	5	20	
m&p-Xylene	mg/L	ND	0.1	0.1	0.11	0.11	115	109	56-136	5	20	
Methyl-tert-butyl ether	mg/L	ND	0.05	0.05	0.074	0.073	148	147	35-176	1	20	
Methylene Chloride	mg/L	ND	0.05	0.05	0.056	0.054	111	108	45-166	3	20	
o-Xylene	mg/L	ND	0.05	0.05	0.056	0.053	111	106	57-133	5	20	
Styrene	mg/L	ND	0.05	0.05	0.056	0.053	112	105	58-144	6	20	
Tetrachloroethene	mg/L	ND	0.05	0.05	0.053	0.050	106	101	48-143	5	20	
Toluene	mg/L	ND	0.05	0.05	0.056	0.053	111	105	59-136	5	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1090570 1090571

Parameter	Units	20214733012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	mg/L	ND	0.05	0.05	0.058	0.054	115	107	57-132	7	20	
trans-1,3-Dichloropropene	mg/L	ND	0.05	0.05	0.064	0.061	128	122	59-154	4	20	
Trichloroethene	mg/L	1.2 ug/L	0.05	0.05	0.059	0.056	116	110	58-140	5	20	
Trichlorofluoromethane	mg/L	ND	0.05	0.05	0.057	0.054	115	108	24-175	5	20	
Vinyl chloride	mg/L	ND	0.05	0.05	0.062	0.058	123	117	21-150	6	20	
4-Bromofluorobenzene (S)	%.						97	99	68-124			
Dibromofluoromethane (S)	%.						103	103	72-126			
Toluene-d8 (S)	%.						98	97	79-119			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 231387
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: 1088506 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aniline	mg/kg	ND	0.050	07/19/21 12:39	
Dinoseb	mg/kg	ND	0.10	07/19/21 12:39	
2-Fluorobiphenyl (S)	%.	65	10-150	07/19/21 12:39	
Terphenyl-d14 (S)	%.	67	10-147	07/19/21 12:39	

LABORATORY CONTROL SAMPLE: 1088507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aniline	mg/kg	0.067	.041J	61	30-150	
Dinoseb	mg/kg	0.067	.024J	35	30-150	
2-Fluorobiphenyl (S)	%.			68	10-150	
Terphenyl-d14 (S)	%.			65	10-147	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1088512 1088513

Parameter	Units	20214794008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	mg/kg	ND	0.066	0.066	ND	ND	35	72	10-170		20	D3
Dinoseb	mg/kg	ND	0.066	0.066	.089J	.088J	-7	-8	10-170		20	M1
2-Fluorobiphenyl (S)	%.						81	62	10-150			
Terphenyl-d14 (S)	%.						78	61	10-147			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 231389 | Analysis Method: EPA 8270
QC Batch Method: EPA 3546 | Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: 1088514 | Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	mg/kg	ND	0.33	07/21/21 11:05	
1,2-Dichlorobenzene	mg/kg	ND	0.33	07/21/21 11:05	
1,3-Dichlorobenzene	mg/kg	ND	0.33	07/21/21 11:05	
1,3-Dinitrobenzene	mg/kg	ND	0.16	07/21/21 11:05	
1,4-Dichlorobenzene	mg/kg	ND	0.33	07/21/21 11:05	
2,2'-Oxybis(1-chloropropane)	mg/kg	ND	0.33	07/21/21 11:05	
2,3,4,6-Tetrachlorophenol	mg/kg	ND	0.33	07/21/21 11:05	
2,4,5-Trichlorophenol	mg/kg	ND	0.33	07/21/21 11:05	
2,4,6-Trichlorophenol	mg/kg	ND	0.33	07/21/21 11:05	
2,4-Dichlorophenol	mg/kg	ND	0.33	07/21/21 11:05	
2,4-Dimethylphenol	mg/kg	ND	0.33	07/21/21 11:05	
2,4-Dinitrophenol	mg/kg	ND	0.83	07/21/21 11:05	
2,4-Dinitrotoluene	mg/kg	ND	0.33	07/21/21 11:05	
2,6-Dinitrotoluene	mg/kg	ND	0.33	07/21/21 11:05	
2-Chloronaphthalene	mg/kg	ND	0.33	07/21/21 11:05	
2-Chlorophenol	mg/kg	ND	0.33	07/21/21 11:05	
2-Methylnaphthalene	mg/kg	ND	0.33	07/21/21 11:05	
2-Nitroaniline	mg/kg	ND	0.33	07/21/21 11:05	
3&4-Chloroaniline	mg/kg	ND	0.33	07/21/21 11:05	
3,3'-Dichlorobenzidine	mg/kg	ND	0.67	07/21/21 11:05	
3-Nitroaniline	mg/kg	ND	0.33	07/21/21 11:05	
4-Nitroaniline	mg/kg	ND	0.33	07/21/21 11:05	
4-Nitrophenol	mg/kg	ND	0.33	07/21/21 11:05	
Acenaphthene	mg/kg	ND	0.33	07/21/21 11:05	
Acenaphthylene	mg/kg	ND	0.33	07/21/21 11:05	
Anthracene	mg/kg	ND	0.33	07/21/21 11:05	
Benzo(a)anthracene	mg/kg	ND	0.33	07/21/21 11:05	
Benzo(a)pyrene	mg/kg	ND	0.33	07/21/21 11:05	
Benzo(b)fluoranthene	mg/kg	ND	0.33	07/21/21 11:05	
Benzo(k)fluoranthene	mg/kg	ND	0.33	07/21/21 11:05	
Biphenyl (Diphenyl)	mg/kg	ND	0.33	07/21/21 11:05	
bis(2-Chloroethyl) ether	mg/kg	ND	0.33	07/21/21 11:05	
bis(2-Ethylhexyl)phthalate	mg/kg	ND	0.33	07/21/21 11:05	
Butylbenzylphthalate	mg/kg	ND	0.33	07/21/21 11:05	
Chrysene	mg/kg	ND	0.33	07/21/21 11:05	
Di-n-octylphthalate	mg/kg	ND	0.33	07/21/21 11:05	
Dibenz(a,h)anthracene	mg/kg	ND	0.33	07/21/21 11:05	
Dibenzofuran	mg/kg	ND	0.33	07/21/21 11:05	
Diethylphthalate	mg/kg	ND	0.33	07/21/21 11:05	
Dimethylphthalate	mg/kg	ND	0.33	07/21/21 11:05	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

METHOD BLANK: 1088514 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Fluoranthene	mg/kg	ND	0.33	07/21/21 11:05	
Fluorene	mg/kg	ND	0.33	07/21/21 11:05	
Hexachloro-1,3-butadiene	mg/kg	ND	0.33	07/21/21 11:05	
Hexachlorobenzene	mg/kg	ND	0.33	07/21/21 11:05	
Hexachlorocyclopentadiene	mg/kg	ND	0.33	07/21/21 11:05	
Hexachloroethane	mg/kg	ND	0.33	07/21/21 11:05	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.33	07/21/21 11:05	
Isophorone	mg/kg	ND	0.33	07/21/21 11:05	
N-Nitroso-di-n-propylamine	mg/kg	ND	0.33	07/21/21 11:05	
N-Nitrosodiphenylamine	mg/kg	ND	0.33	07/21/21 11:05	
Naphthalene	mg/kg	ND	0.33	07/21/21 11:05	
Nitrobenzene	mg/kg	ND	0.33	07/21/21 11:05	
Pentachlorophenol	mg/kg	ND	0.33	07/21/21 11:05	
Phenanthrene	mg/kg	ND	0.33	07/21/21 11:05	
Phenol	mg/kg	ND	0.33	07/21/21 11:05	
Pyrene	mg/kg	ND	0.33	07/21/21 11:05	
2,4,6-Tribromophenol (S)	%.	75	10-138	07/21/21 11:05	
2-Fluorobiphenyl (S)	%.	81	10-129	07/21/21 11:05	
2-Fluorophenol (S)	%.	88	10-129	07/21/21 11:05	
Nitrobenzene-d5 (S)	%.	80	10-144	07/21/21 11:05	
Phenol-d6 (S)	%.	81	10-128	07/21/21 11:05	
Terphenyl-d14 (S)	%.	91	10-145	07/21/21 11:05	

LABORATORY CONTROL SAMPLE: 1088515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	mg/kg	1.7	1.2	73	40-120	
1,2-Dichlorobenzene	mg/kg	1.7	1.2	73	47-102	
1,3-Dichlorobenzene	mg/kg	1.7	1.2	71	47-100	
1,3-Dinitrobenzene	mg/kg	1.7	1.3	76	40-114	
1,4-Dichlorobenzene	mg/kg	1.7	1.2	71	47-100	
2,2'-Oxybis(1-chloropropane)	mg/kg	1.7	1.3	77	30-114	
2,3,4,6-Tetrachlorophenol	mg/kg	1.7	1.3	75	41-113	
2,4,5-Trichlorophenol	mg/kg	1.7	1.3	77	41-106	
2,4,6-Trichlorophenol	mg/kg	1.7	1.3	77	44-110	
2,4-Dichlorophenol	mg/kg	1.7	1.2	74	45-106	
2,4-Dimethylphenol	mg/kg	1.7	1.2	72	24-107	
2,4-Dinitrophenol	mg/kg	1.7	ND	37	10-112	
2,4-Dinitrotoluene	mg/kg	1.7	1.3	77	45-117	
2,6-Dinitrotoluene	mg/kg	1.7	1.3	76	47-113	
2-Chloronaphthalene	mg/kg	1.7	1.2	74	45-109	
2-Chlorophenol	mg/kg	1.7	1.2	74	46-102	
2-Methylnaphthalene	mg/kg	1.7	1.2	73	48-105	
2-Nitroaniline	mg/kg	1.7	1.3	79	35-122	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

LABORATORY CONTROL SAMPLE: 1088515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3&4-Chloroaniline	mg/kg	1.7	0.95	57	33-123	
3,3'-Dichlorobenzidine	mg/kg	1.7	1.1	64	32-136	
3-Nitroaniline	mg/kg	1.7	1.1	64	36-122	
4-Nitroaniline	mg/kg	1.7	1.3	79	32-132	
4-Nitrophenol	mg/kg	1.7	1.2	73	31-125	
Acenaphthene	mg/kg	1.7	1.3	75	43-113	
Acenaphthylene	mg/kg	1.7	1.2	74	45-108	
Anthracene	mg/kg	1.7	1.3	75	46-120	
Benzo(a)anthracene	mg/kg	1.7	1.2	74	46-110	
Benzo(a)pyrene	mg/kg	1.7	1.3	77	46-122	
Benzo(b)fluoranthene	mg/kg	1.7	1.2	73	15-147	
Benzo(k)fluoranthene	mg/kg	1.7	1.3	79	22-138	
Biphenyl (Diphenyl)	mg/kg	1.7	1.2	75	46-111	
bis(2-Chloroethyl) ether	mg/kg	1.7	1.1	64	43-104	
bis(2-Ethylhexyl)phthalate	mg/kg	1.7	1.3	78	42-114	
Butylbenzylphthalate	mg/kg	1.7	1.3	76	44-113	
Chrysene	mg/kg	1.7	1.2	72	47-109	
Di-n-octylphthalate	mg/kg	1.7	1.4	82	10-167	
Dibenz(a,h)anthracene	mg/kg	1.7	1.2	74	16-139	
Dibenzofuran	mg/kg	1.7	1.2	75	46-109	
Diethylphthalate	mg/kg	1.7	1.3	76	44-113	
Dimethylphthalate	mg/kg	1.7	1.3	75	43-112	
Fluoranthene	mg/kg	1.7	1.3	77	48-111	
Fluorene	mg/kg	1.7	1.3	75	47-110	
Hexachloro-1,3-butadiene	mg/kg	1.7	1.2	72	45-112	
Hexachlorobenzene	mg/kg	1.7	1.2	75	46-111	
Hexachlorocyclopentadiene	mg/kg	1.7	0.97	58	10-107	
Hexachloroethane	mg/kg	1.7	1.2	74	47-105	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.2	74	34-130	
Isophorone	mg/kg	1.7	1.2	74	33-133	
N-Nitroso-di-n-propylamine	mg/kg	1.7	1.3	76	43-106	
N-Nitrosodiphenylamine	mg/kg	1.7	1.3	78	54-131	
Naphthalene	mg/kg	1.7	1.2	71	44-103	
Nitrobenzene	mg/kg	1.7	1.2	72	42-109	
Pentachlorophenol	mg/kg	1.7	1.1	64	22-115	
Phenanthrene	mg/kg	1.7	1.3	76	49-105	
Phenol	mg/kg	1.7	1.3	76	41-103	
Pyrene	mg/kg	1.7	1.2	74	44-110	
2,4,6-Tribromophenol (S)	%.			87	10-138	
2-Fluorobiphenyl (S)	%.			79	10-129	
2-Fluorophenol (S)	%.			85	10-129	
Nitrobenzene-d5 (S)	%.			78	10-144	
Phenol-d6 (S)	%.			80	10-128	
Terphenyl-d14 (S)	%.			81	10-145	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1088516 1088517

Parameter	Units	20214794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4,5-Tetrachlorobenzene	mg/kg	ND	1.6	1.6	0.94	1.1	57	68	40-120	17	40	
1,2-Dichlorobenzene	mg/kg	ND	1.6	1.6	0.94	1.1	57	67	16-127	16	40	
1,3-Dichlorobenzene	mg/kg	ND	1.6	1.6	0.92	1.1	56	66	10-133	17	40	
1,3-Dinitrobenzene	mg/kg	ND	1.6	1.6	0.96	1.1	58	70	10-151	17	40	
1,4-Dichlorobenzene	mg/kg	ND	1.6	1.6	0.92	1.1	56	66	15-126	16	40	
2,2'-Oxybis(1-chloropropane)	mg/kg	ND	1.6	1.6	1.0	1.2	61	71	10-128	15	40	
2,3,4,6-Tetrachlorophenol	mg/kg	ND	1.6	1.6	1.0	1.2	62	75	10-133	20	40	
2,4,5-Trichlorophenol	mg/kg	ND	1.6	1.6	1.0	1.2	61	72	10-133	16	40	
2,4,6-Trichlorophenol	mg/kg	ND	1.6	1.6	0.99	1.2	60	73	10-139	19	40	
2,4-Dichlorophenol	mg/kg	ND	1.6	1.6	0.97	1.1	59	68	10-132	14	40	
2,4-Dimethylphenol	mg/kg	ND	1.6	1.6	0.94	1.1	57	65	10-136	13	40	
2,4-Dinitrophenol	mg/kg	ND	1.6	1.6	ND	ND	18	20	10-110		40	
2,4-Dinitrotoluene	mg/kg	ND	1.6	1.6	0.95	1.1	58	70	10-189	18	40	
2,6-Dinitrotoluene	mg/kg	ND	1.6	1.6	0.97	1.1	59	70	10-145	17	40	
2-Chloronaphthalene	mg/kg	ND	1.6	1.6	0.96	1.1	58	69	10-136	16	40	
2-Chlorophenol	mg/kg	ND	1.6	1.6	0.98	1.1	59	69	11-126	14	40	
2-Methylnaphthalene	mg/kg	ND	1.6	1.6	0.97	1.1	59	68	10-221	14	40	
2-Nitroaniline	mg/kg	ND	1.6	1.6	1.0	1.2	61	72	10-163	16	40	
3&4-Chloroaniline	mg/kg	ND	1.6	1.6	0.54	0.61	33	37	10-143	13	40	
3,3'-Dichlorobenzidine	mg/kg	ND	1.6	1.6	.55J	.63J	33	38	10-161		40	
3-Nitroaniline	mg/kg	ND	1.6	1.6	0.69	0.79	42	48	10-162	13	40	
4-Nitroaniline	mg/kg	ND	1.6	1.6	0.98	1.2	59	71	10-171	18	40	
4-Nitrophenol	mg/kg	ND	1.6	1.6	1.0	1.2	61	73	10-156	18	40	
Acenaphthene	mg/kg	ND	1.6	1.6	0.98	1.1	60	70	10-168	15	40	
Acenaphthylene	mg/kg	ND	1.6	1.6	0.97	1.1	59	69	10-133	16	40	
Anthracene	mg/kg	ND	1.6	1.6	0.96	1.2	59	70	10-185	18	40	
Benzo(a)anthracene	mg/kg	ND	1.6	1.6	0.99	1.2	56	69	10-131	19	40	
Benzo(a)pyrene	mg/kg	ND	1.6	1.6	1.0	1.3	58	72	10-169	19	40	
Benzo(b)fluoranthene	mg/kg	ND	1.6	1.6	1.2	1.4	65	80	10-152	19	40	
Benzo(k)fluoranthene	mg/kg	ND	1.6	1.6	1.2	1.5	71	90	10-177	23	40	
Biphenyl (Diphenyl)	mg/kg	ND	1.6	1.6	0.97	1.1	59	69	40-120	15	40	
bis(2-Chloroethyl) ether	mg/kg	ND	1.6	1.6	0.79	0.91	48	56	10-168	15	40	
bis(2-Ethylhexyl)phthalate	mg/kg	ND	1.6	1.6	1.1	1.5	62	85	10-154	29	40	
Butylbenzylphthalate	mg/kg	ND	1.6	1.6	1.0	1.3	63	78	10-142	21	40	
Chrysene	mg/kg	ND	1.6	1.6	0.97	1.2	54	68	10-130	21	40	
Di-n-octylphthalate	mg/kg	ND	1.6	1.6	1.7	2.3	103	139	10-199	30	40	
Dibenz(a,h)anthracene	mg/kg	ND	1.6	1.6	0.52	0.57	31	35	10-169	10	40	
Dibenzofuran	mg/kg	ND	1.6	1.6	0.97	1.1	59	70	11-134	16	40	
Diethylphthalate	mg/kg	ND	1.6	1.6	0.98	1.2	60	71	11-132	17	40	
Dimethylphthalate	mg/kg	ND	1.6	1.6	0.98	1.1	59	70	14-133	16	40	
Fluoranthene	mg/kg	ND	1.6	1.6	1.0	1.2	58	70	10-191	18	40	
Fluorene	mg/kg	ND	1.6	1.6	0.99	1.2	60	71	10-169	16	40	
Hexachloro-1,3-butadiene	mg/kg	ND	1.6	1.6	0.95	1.1	57	67	10-147	15	40	
Hexachlorobenzene	mg/kg	ND	1.6	1.6	0.95	1.2	58	70	10-135	19	40	
Hexachlorocyclopentadiene	mg/kg	ND	1.6	1.6	.24J	.23J	14	14	10-117		40	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1088516 1088517

Parameter	Units	20214794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Hexachloroethane	mg/kg	ND	1.6	1.6	0.85	0.98	52	59	10-161	14	40	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	1.6	1.6	0.52	0.57	30	33	10-154	10	40	
Isophorone	mg/kg	ND	1.6	1.6	0.97	1.1	59	68	10-155	14	40	
N-Nitroso-di-n-propylamine	mg/kg	ND	1.6	1.6	1.0	1.2	61	70	10-139	14	40	
N-Nitrosodiphenylamine	mg/kg	ND	1.6	1.6	0.99	1.2	60	72	10-183	19	40	
Naphthalene	mg/kg	ND	1.6	1.6	0.96	1.1	59	68	10-263	14	40	
Nitrobenzene	mg/kg	ND	1.6	1.6	0.96	1.1	58	67	10-159	14	40	
Pentachlorophenol	mg/kg	ND	1.6	1.6	0.93	1.1	56	69	10-146	19	40	
Phenanthrene	mg/kg	ND	1.6	1.6	0.99	1.2	60	73	10-148	19	40	
Phenol	mg/kg	ND	1.6	1.6	0.97	1.1	59	67	10-143	12	40	
Pyrene	mg/kg	ND	1.6	1.6	1.1	1.3	58	76	10-151	24	40	
2,4,6-Tribromophenol (S)	%.						63	75	10-138			
2-Fluorobiphenyl (S)	%.						58	68	10-129			
2-Fluorophenol (S)	%.						62	72	10-129			
Nitrobenzene-d5 (S)	%.						58	66	10-144			
Phenol-d6 (S)	%.						59	69	10-128			
Terphenyl-d14 (S)	%.						61	77	10-145			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 232094
QC Batch Method: EPA 1010
Analysis Method: EPA 1010
Analysis Description: 1010 Flash Point, Closed Cup
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

LABORATORY CONTROL SAMPLE: 1091931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Flashpoint	deg F		82.40			

SAMPLE DUPLICATE: 1091932

Parameter	Units	20214666007 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	>212	>212			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 1711764 — Analysis Method: SM 2540G
QC Batch Method: SM 2540 G — Analysis Description: Total Solids 2540 G-2011
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: R3684672-1 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00100		07/27/21 15:52	

LABORATORY CONTROL SAMPLE: R3684672-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.1	100	85.0-115	

SAMPLE DUPLICATE: R3684672-3

Parameter	Units	20214794003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Solids	%	85.0	86.3	1.62	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 232216 | Analysis Method: SW-846 7.3.4.2
QC Batch Method: SW-846 7.3.4.2 | Analysis Description: 734S Reactive Sulfide
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: 1092451 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide, Reactive	mg/kg	ND	50.0	07/27/21 14:09	

LABORATORY CONTROL SAMPLE: 1092452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/kg	500	441	88	1-110	

MATRIX SPIKE SAMPLE: 1092454

Parameter	Units	20214794001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/kg	ND	500	441	84	1-110	

SAMPLE DUPLICATE: 1092453

Parameter	Units	20214794001 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide, Reactive	mg/kg	ND	ND		20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 232346
QC Batch Method: EPA 9095
Analysis Method: EPA 9095
Analysis Description: 9095 PAINT FILTER LIQUID TEST
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

SAMPLE DUPLICATE: 1093037

Parameter	Units	20214794001 Result	Dup Result	RPD	Max RPD	Qualifiers
Free Liquids		PASS	PASS			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214794

QC Batch: 232217 | Analysis Method: SW-846 7.3.3.2
QC Batch Method: SW-846 7.3.3.2 | Analysis Description: 733C Reactive Cyanide
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

METHOD BLANK: 1092455 Matrix: Solid
Associated Lab Samples: 20214794001, 20214794002, 20214794003, 20214794004, 20214794006, 20214794007, 20214794008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide, Reactive	mg/kg	ND	25.0	07/27/21 15:17	

LABORATORY CONTROL SAMPLE: 1092456

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide, Reactive	mg/kg	100	ND	3	1-110	

MATRIX SPIKE SAMPLE: 1092458

Parameter	Units	20214794001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide, Reactive	mg/kg	ND	100	ND	3	1-110	

SAMPLE DUPLICATE: 1092457

Parameter	Units	20214794001 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide, Reactive	mg/kg	ND	ND		20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALIFIERS

Project: Desire 30058527.03.1
Pace Project No.: 20214794

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The Nelac Institute

BATCH QUALIFIERS

Batch: 231890

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MH	Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
P9	RPD between the primary and confirmatory analysis exceeded 40%.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
ST	Surrogate recovery was above laboratory control limits. Results may be biased high.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20214794001	Comp-09	3546/3665A	1710888	EPA 8081	1710888
20214794002	Comp-10	3546/3665A	1710888	EPA 8081	1710888
20214794003	Comp-11	3546/3665A	1710888	EPA 8081	1710888
20214794004	Comp-12	3546/3665A	1710888	EPA 8081	1710888
20214794006	Comp-13	3546/3665A	1710888	EPA 8081	1710888
20214794007	Comp-14	3546/3665A	1710888	EPA 8081	1710888
20214794008	Comp-15	3546/3665A	1710888	EPA 8081	1710888
20214794001	Comp-09	3546/3665A	1710888	EPA 8082	1710888
20214794002	Comp-10	3546/3665A	1710888	EPA 8082	1710888
20214794003	Comp-11	3546/3665A	1710888	EPA 8082	1710888
20214794004	Comp-12	3546/3665A	1710888	EPA 8082	1710888
20214794006	Comp-13	3546/3665A	1710888	EPA 8082	1710888
20214794007	Comp-14	3546/3665A	1710888	EPA 8082	1710888
20214794008	Comp-15	3546/3665A	1710888	EPA 8082	1710888
20214794001	Comp-09	8151A	1709278	EPA 8151	1709278
20214794002	Comp-10	8151A	1709278	EPA 8151	1709278
20214794003	Comp-11	8151A	1709278	EPA 8151	1709278
20214794004	Comp-12	8151A	1709278	EPA 8151	1709278
20214794006	Comp-13	8151A	1709278	EPA 8151	1709278
20214794007	Comp-14	8151A	1709663	EPA 8151	1709663
20214794008	Comp-15	8151A	1709663	EPA 8151	1709663
20214794001	Comp-09	EPA 3050	231394	EPA 6010	231473
20214794002	Comp-10	EPA 3050	231394	EPA 6010	231473
20214794003	Comp-11	EPA 3050	231394	EPA 6010	231473
20214794004	Comp-12	EPA 3050	231394	EPA 6010	231473
20214794006	Comp-13	EPA 3050	231394	EPA 6010	231473
20214794007	Comp-14	EPA 3050	231394	EPA 6010	231473
20214794008	Comp-15	EPA 3050	231394	EPA 6010	231473
20214794001	Comp-09	EPA 7471	231395	EPA 7471	231472
20214794002	Comp-10	EPA 7471	231395	EPA 7471	231472
20214794003	Comp-11	EPA 7471	231395	EPA 7471	231472
20214794004	Comp-12	EPA 7471	231395	EPA 7471	231472
20214794006	Comp-13	EPA 7471	231395	EPA 7471	231472
20214794007	Comp-14	EPA 7471	231395	EPA 7471	231472
20214794008	Comp-15	EPA 7471	231395	EPA 7471	231472
20214794001	Comp-09	EPA 3546	231387	EPA 8270 by SIM	231428
20214794002	Comp-10	EPA 3546	231387	EPA 8270 by SIM	231428
20214794003	Comp-11	EPA 3546	231387	EPA 8270 by SIM	231428
20214794004	Comp-12	EPA 3546	231387	EPA 8270 by SIM	231428
20214794006	Comp-13	EPA 3546	231387	EPA 8270 by SIM	231428
20214794007	Comp-14	EPA 3546	231387	EPA 8270 by SIM	231428
20214794008	Comp-15	EPA 3546	231387	EPA 8270 by SIM	231428
20214794001	Comp-09	EPA 3546	231389	EPA 8270	231437
20214794002	Comp-10	EPA 3546	231389	EPA 8270	231437
20214794003	Comp-11	EPA 3546	231389	EPA 8270	231437
20214794004	Comp-12	EPA 3546	231389	EPA 8270	231437

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20214794006	**Comp-13**	EPA 3546	231389	EPA 8270	231437
20214794007	**Comp-14**	EPA 3546	231389	EPA 8270	231437
20214794008	**Comp-15**	EPA 3546	231389	EPA 8270	231437
20214794001	**Comp-09**	EPA 5035/5030B	231884	EPA 8260	231890
20214794002	**Comp-10**	EPA 5035/5030B	231884	EPA 8260	231890
20214794003	**Comp-11**	EPA 5035/5030B	231884	EPA 8260	231890
20214794004	**Comp-12**	EPA 5035/5030B	231884	EPA 8260	231890
20214794006	**Comp-13**	EPA 5035/5030B	231884	EPA 8260	231890
20214794007	**Comp-14**	EPA 5035/5030B	231884	EPA 8260	231890
20214794008	**Comp-15**	EPA 5035/5030B	231884	EPA 8260	231890
20214794005	**TB-03(071521)**	EPA 5030B/8260	231827		
20214794009	**TB-04(071521)**	EPA 5030B/8260	231827		
20214794001	**Comp-09**	EPA 1010	232094		
20214794002	**Comp-10**	EPA 1010	232094		
20214794003	**Comp-11**	EPA 1010	232094		
20214794004	**Comp-12**	EPA 1010	232094		
20214794006	**Comp-13**	EPA 1010	232094		
20214794007	**Comp-14**	EPA 1010	232094		
20214794008	**Comp-15**	EPA 1010	232094		
20214794001	**Comp-09**	SM 2540 G	1711764	SM 2540G	1711764
20214794002	**Comp-10**	SM 2540 G	1711764	SM 2540G	1711764
20214794003	**Comp-11**	SM 2540 G	1711764	SM 2540G	1711764
20214794004	**Comp-12**	SM 2540 G	1711764	SM 2540G	1711764
20214794006	**Comp-13**	SM 2540 G	1711764	SM 2540G	1711764
20214794007	**Comp-14**	SM 2540 G	1711764	SM 2540G	1711764
20214794008	**Comp-15**	SM 2540 G	1711764	SM 2540G	1711764
20214794001	**Comp-09**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214794002	**Comp-10**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214794003	**Comp-11**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214794004	**Comp-12**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214794006	**Comp-13**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214794007	**Comp-14**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214794008	**Comp-15**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214794001	**Comp-09**	EPA 9095	232346		
20214794002	**Comp-10**	EPA 9095	232346		
20214794003	**Comp-11**	EPA 9095	232346		
20214794004	**Comp-12**	EPA 9095	232346		
20214794006	**Comp-13**	EPA 9095	232346		
20214794007	**Comp-14**	EPA 9095	232346		
20214794008	**Comp-15**	EPA 9095	232346		
20214794001	**Comp-09**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214794002	**Comp-10**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214794003	**Comp-11**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214794004	**Comp-12**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214794006	**Comp-13**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Desire 30058527.03.1
Pace Project No.: 20214794

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20214794007	**Comp-14**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214794008	**Comp-15**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291

Pace Analytical
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CHAIN-OF-CUSTODY / Analytical Reque

WO# : 20214794

20214794

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fiel

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://i

Section A	Section B	Section C
Required Client Information:	Required Project Information:	Invoice Information:
Company: Arcadis Baton Rouge	Report To: Caleb Fontenot	Attention:
Address: 10352 Plaza Americana Drive	Copy To:	Company Name:
Baton Rouge, LA 70816		Address:
Email: caleb.fontenot@arcadis-us.com	Purchase Order #:	Pace Quote:
Phone: 225-244-8877 Fax:	Project Name: Desire 30058527.03.1	Pace Project Manager: clay.ledet@pacelabs.com,
Requested Due Date:	Project #:	Pace Profile #: 16948 1-1+2

Regulatory Agency

State / Location

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 RECAP	8270 SVOC	RCRA Metals	8081 Pest/8082 PCB	8151 Herbicides	RCI + Paint Filter Liquids	TCLP Metals	HOLD TCLP	Residual Chlorine (Y/N)
MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS																											
1	Comp-09	S	C			7/15/21	0805	85	7	X						X			X	X	X	X	X	X	X	X	
2	Comp-10	S	C			7/15/21	0937	85	7	X						X			X	X	X	X	X	X	X	X	
3	Comp-11	S	C			"	1023	85	7	X						X			X	X	X	X	X	X	X	X	
4	Comp-12	S	C			"	1150	85	7	X						X			X	X	X	X	X	X	X	X	
5	TB-03 (071521)	L	G			"	—	92	2				X						X	—	—	—	—	—	—	—	
6	Comp-13	S	C			"	1439	92	7	X						X			X	X	X	X	X	X	X	X	
7	Comp-14	S	C			"	1525		7	X						X			X	X	X	X	X	X	X	X	
8	Comp-15	S	C			"	1610		7	X			X			X			X	X	X	X	X	X	X	X	
9	TB-04 (071521)	S	C			"	—		2				X						X	X	X	X	X	X	X	X	
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
RECAP		7/16/21	1640		7/16/21	1141D				
		7/16/21	0625		7/16/21	0625	1.0	Y	N	Y
							1.2			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

Pace Analytical

1000 Riverbend. Blvd., Suite F
St. Rose, LA 70087

Sample Condition Upon Pr

WO#: 20214794

PM: CAL **Due Date: 07/30/21**

CLIENT: 20-ARCADISBR

Courier: ☑ Pace Courier ☐ Hired Courier ☐ Fed X ☐ UPS ☐ DHL ☐ USPS ☐ Customer ☐ Other

Custody Seal on Cooler/Box Present: [see COC] **Custody Seals intact:** ☐Yes ☑No

Therometer Used: ☐ Therm Fisher IR 7 ☑ Therm Fisher IR 10

Type of Ice: (Wet) Blue None

Samples on ice: [see COC]

Cooler Temperature: [see COC]

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 7/16/2021 Lmp

Temp must be measured from Temperature blank when present

					Comments:
Temperature Blank Present"?	☑Yes	☐No	☐N/A		1
Chain of Custody Present:	☑Yes	☐No	☐N/A		2
Chain of Custody Complete:	☑Yes	☐No	☐N/A		3
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A		4
Sampler Name & Signature on COC:	☐Yes	☑No	☐N/A		5
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A		6
Sufficient Volume:	☑Yes	☐No	☐N/A		7
Correct Containers Used:	☑Yes	☐No	☐N/A		8
Filtered vol. Rec. for Diss. tests	☐Yes	☐No	☑N/A		9
Sample Labels match COC:	☑Yes	☐No	☐N/A		10
All containers received within manafacture's precautionary and/or expiration dates.	☑Yes	☐No	☐N/A		11
All containers needing chemical preservation have been checked (except VOA, coliform, & O&G).	☐Yes	☐No	☑N/A		12
All containers preservation checked found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A		13 If No, was preserative added? ☐Yes ☐No If added record lot no.: HNO3 _____ H2SO4 _____
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A		14
Trip Blank Present:	☑Yes	☐No			15

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Pace Analytical®
www.pacelabs.com

National

Ship To:
Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

INTER_LABORATORY WORK ORDER # 20214794
(To be completed by sending lab)

Sending Project No:	20214794
Receiving Project No:	
Check Box for Consolidated Invoice:	
Date Prepared:	07/16/21
REQUESTED COMPLETION DATE:	**7/30/2021**

Sending Region	IR20-New Orleans	Sending Project Mgr.	Clay Ledet
Receiving Region	IR850-Pace National	External Client	Arcadis Baton Rouge
State of Sample Origin	LA	QC Deliverable	STD REPORT

All questions should be addressed to sending project manager.

Requested Reportable Units _____ Report Wet or Dry Weight? Wet Cert. Needed _____

8081 Pest	WGKU		Unpreserved	7	$82.00	$574.00
8082 PCB	WGKU		Unpreserved	7	$47.00	$329.00
8151 Herb	WGFU		Unpreserved	7	$142.00	$994.00
					TOTAL	$1,897.00

Special Requirements: Report C, QC Limits (C),Arcadis Core (754)

GC/MS Semivolatiles	30	$903.00	$722.40	$180.60
GC Semivolatiles	31	$994.00	$795.20	$198.80
* Custom Revenue Allocation	**TOTAL**	$1,897.00	$1,517.60	$379.40

Return Samples to Sending Region: ☐ Yes ☒ No

Original sent to the receiving lab - Copy kept at the sending lab.
When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.

COPY

9351 6414 8798

Internal Transfer Chain of Custody

☐ Samples Pre-Logged into eCOC.

State Of Origin: LA
Cert. Needed: ☐ Yes ☐ No
Owner Received Date: 7/16/2021 **Results Requested By:** 7/30/2021

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Workorder: 20214794 **Workorder Name:** Desire 30058527.03.1

Clay Ledet
Pace Analytical New Orleans
1000 Riverbend Blvd
Suite F
St. Rose, LA 70087
Phone (504)469-0333

Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

						Unpreserved						8081 Pest	8082 PCB	8151 Herb										LAB USE ONLY
1	Comp-09	PS	7/15/2021 08:45	20214794001	Solid	2						X	X	X										
2	Comp-10	PS	7/15/2021 09:37	20214794002	Solid	2						X	X	X										
3	Comp-11	PS	7/15/2021 10:23	20214794003	Solid	2						X	X	X										
4	Comp-12	PS	7/15/2021 11:50 *	20214794004	Solid	2						X	X	X										
5	Comp-13	PS	7/15/2021 14:39	20214794006	Solid	2						X	X	X										
6	Comp-14	PS	7/15/2021 15:25	20214794007	Solid	2						X	X	X										
7	Comp-15	PS	7/15/2021 16:10	20214794008	Solid	2						X	X	X										

Transfers	Released By	Date/Time	Received By	Date/Time
1	PACC	7/16/21 1551	FedEx	
2	FedEx			
3				

Cooler Temperature on Receipt °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.*

COPY

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

August 06, 2021

George Cook
Arcadis

,

RE: Project: Desire 30058527.03.1
Pace Project No.: 20214890

Dear George Cook:

Enclosed are the analytical results for sample(s) received by the laboratory on July 16, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - New Orleans

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Clay Ledet
clay.ledet@pacelabs.com
(504)469-0333
Project Manager

Enclosures

cc: Brooke Fontenot, Arcadis
Caleb Fontenot, Arcadis

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

CERTIFICATIONS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Pace Analytical Services New Orleans

Florida Department of Health (NELAC): E87595
Illinois Environmental Protection Agency: 0025721
Kansas Department of Health and Environment (NELAC): E-10266
Louisiana Dept. of Environmental Quality (NELAC/LELAP): 02006
Texas Commission on Env. Quality (NELAC): T104704405-09-TX
U.S. Dept. of Agriculture Foreign Soil Import: P330-10-00119

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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SAMPLE SUMMARY

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20214890001	**COMP-16**	Solid	07/16/21 08:30	07/16/21 14:02
20214890002	**COMP-17**	Solid	07/16/21 09:25	07/16/21 14:02
20214890003	**DUP**	Solid	07/16/21 00:00	07/16/21 14:02
20214890004	**COMP-18**	Solid	07/16/21 10:03	07/16/21 14:02
20214890005	**COMP-19**	Solid	07/16/21 10:59	07/16/21 14:02
20214890006	**COMP-20**	Solid	07/16/21 11:30	07/16/21 14:02
20214890007	**TB05(071621)**	Water	07/16/21 14:02	07/16/21 14:02

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St. Rose, LA 70087
(504)469-0333

SAMPLE ANALYTE COUNT

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
20214890001	**COMP-16**	EPA 8081	AO	23	PAN
		EPA 8082	MTJ	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214890002	**COMP-17**	EPA 8081	AO	23	PAN
		EPA 8082	MTJ	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214890003	**DUP**	EPA 8081	AO	23	PAN
		EPA 8082	MTJ	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214890004	**COMP-18**	EPA 8081	AO	23	PAN

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

SAMPLE ANALYTE COUNT

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8082	MTJ	9	PAN
		EPA 8151	JMB	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214890005	**COMP-19**	EPA 8081	AO	23	PAN
		EPA 8082	MTJ	9	PAN
		EPA 8151	MTJ	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214890006	**COMP-20**	EPA 8081	AO	23	PAN
		EPA 8082	MTJ	9	PAN
		EPA 8151	MTJ	11	PAN
		EPA 6010	AJS	7	PASI-N
		EPA 7471	AJS	1	PASI-N
		EPA 8270 by SIM	SLK	4	PASI-N
		EPA 8270	SLK	62	PASI-N
		EPA 8260	JRP	43	PASI-N
		EPA 1010	LJL	1	PASI-N
		SW-846 7.3.4.2	LJL	1	PASI-N
		EPA 9095	DWR	1	PASI-N
		SW-846 7.3.3.2	ABW	1	PASI-N
20214890007	**TB05(071621)**	EPA 5030B/8260	JRP	43	PASI-N

Pace Analytical Services, LLC
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(504)469-0333

SAMPLE ANALYTE COUNT

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

PAN = Pace National - Mt. Juliet
PASI-N = Pace Analytical Services - New Orleans

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-16 **Lab ID: 20214890001** Collected: 07/16/21 08:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/29/21 19:08	07/31/21 15:54	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:54	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/29/21 19:08	07/31/21 15:54	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	38.7	%	10.0-135	1	07/29/21 19:08	07/31/21 15:54	2051-24-3	
Tetrachloro-m-xylene (S)	53.4	%	10.0-139	1	07/29/21 19:08	07/31/21 15:54	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:19	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/28/21 03:36	07/30/21 04:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/28/21 03:36	07/30/21 04:19	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/28/21 03:36	07/30/21 04:19	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	64.1	%	10.0-135	1	07/28/21 03:36	07/30/21 04:19	2051-24-3	
Tetrachloro-m-xylene (S)	68.4	%	10.0-139	1	07/28/21 03:36	07/30/21 04:19	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:00	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:00	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:00	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:00	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:00	15165-67-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-16 **Lab ID: 20214890001** Collected: 07/16/21 08:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:00	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 02:00	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 02:00	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:00	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:00	93-72-1	
Surrogates								
2,4-DCAA (S)	81.6	%	22.0-132	1	07/22/21 07:55	07/27/21 02:00	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**3.5**	mg/kg	0.85	1	07/19/21 08:34	07/19/21 18:04	7440-38-2	
Barium	**94.1**	mg/kg	16.9	1	07/19/21 08:34	07/19/21 18:04	7440-39-3	
Cadmium	**0.64**	mg/kg	0.42	1	07/19/21 08:34	07/19/21 18:04	7440-43-9	
Chromium	**8.8**	mg/kg	0.85	1	07/19/21 08:34	07/19/21 18:04	7440-47-3	
Lead	**62.6**	mg/kg	0.42	1	07/19/21 08:34	07/19/21 18:04	7439-92-1	
Selenium	ND	mg/kg	1.7	1	07/19/21 08:34	07/19/21 18:04	7782-49-2	
Silver	ND	mg/kg	0.85	1	07/19/21 08:34	07/19/21 18:04	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.10**	mg/kg	0.013	1	07/19/21 08:54	07/19/21 13:10	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.050	1	07/23/21 04:07	07/23/21 14:05	62-53-3	
Dinoseb	ND	mg/kg	0.10	1	07/23/21 04:07	07/23/21 14:05	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	68	%.	10-150	1	07/23/21 04:07	07/23/21 14:05	321-60-8	
Terphenyl-d14 (S)	69	%.	10-147	1	07/23/21 04:07	07/23/21 14:05	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	208-96-8	
Anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	95-57-8	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-16 **Lab ID: 20214890001** Collected: 07/16/21 08:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Chrysene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/20/21 04:15	07/20/21 11:36	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	105-67-9	
Dimethylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/20/21 04:15	07/20/21 11:36	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.83	1	07/20/21 04:15	07/20/21 11:36	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	117-84-0	
bis(2-Ethylhexyl)phthalate	**0.38**	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	117-81-7	
Fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	91-57-6	
Naphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	108-95-2	
Pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 11:36	88-06-2	
Surrogates								
Terphenyl-d14 (S)	92	%.	10-145	1	07/20/21 04:15	07/20/21 11:36	1718-51-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-16 **Lab ID: 20214890001** Collected: 07/16/21 08:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Surrogates								
2,4,6-Tribromophenol (S)	76	%.	10-138	1	07/20/21 04:15	07/20/21 11:36	118-79-6	
2-Fluorophenol (S)	80	%.	10-129	1	07/20/21 04:15	07/20/21 11:36	367-12-4	
Phenol-d6 (S)	74	%.	10-128	1	07/20/21 04:15	07/20/21 11:36	13127-88-3	
Nitrobenzene-d5 (S)	74	%.	10-144	1	07/20/21 04:15	07/20/21 11:36	4165-60-0	
2-Fluorobiphenyl (S)	74	%.	10-129	1	07/20/21 04:15	07/20/21 11:36	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.030**	mg/kg	0.0098	1	07/22/21 13:50	07/22/21 17:35	67-64-1	
Benzene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	75-27-4	
Bromoform	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	75-25-2	
Bromomethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0098	1	07/22/21 13:50	07/22/21 17:35	78-93-3	
Carbon disulfide	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	56-23-5	
Chlorobenzene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	108-90-7	
Chloroethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	75-00-3	
Chloroform	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	67-66-3	
Chloromethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	100-41-4	
Isobutanol	ND	mg/kg	0.24	1	07/22/21 13:50	07/22/21 17:35	78-83-1	
Methylene Chloride	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0098	1	07/22/21 13:50	07/22/21 17:35	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	1634-04-4	
Styrene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	127-18-4	
Toluene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	79-00-5	
Trichloroethene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	79-01-6	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-16 **Lab ID: 20214890001** Collected: 07/16/21 08:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Trichlorofluoromethane	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	75-69-4	
Vinyl chloride	ND	mg/kg	0.0020	1	07/22/21 13:50	07/22/21 17:35	75-01-4	
m&p-Xylene	ND	mg/kg	0.0098	1	07/22/21 13:50	07/22/21 17:35	179601-23-1	
o-Xylene	ND	mg/kg	0.0049	1	07/22/21 13:50	07/22/21 17:35	95-47-6	
Surrogates								
Toluene-d8 (S)	96	%.	75-125	1	07/22/21 13:50	07/22/21 17:35	2037-26-5	
4-Bromofluorobenzene (S)	123	%.	64-139	1	07/22/21 13:50	07/22/21 17:35	460-00-4	
Dibromofluoromethane (S)	109	%.	66-143	1	07/22/21 13:50	07/22/21 17:35	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/27/21 16:17		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:22		

Sample: COMP-17 **Lab ID: 20214890002** Collected: 07/16/21 09:25 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/29/21 19:08	07/31/21 16:16	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	959-98-8	

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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-17 **Lab ID: 20214890002** Collected: 07/16/21 09:25 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Endosulfan II	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 16:16	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/29/21 19:08	07/31/21 16:16	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	21.9	%	10.0-135	1	07/29/21 19:08	07/31/21 16:16	2051-24-3	
Tetrachloro-m-xylene (S)	41.7	%	10.0-139	1	07/29/21 19:08	07/31/21 16:16	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/28/21 03:36	07/30/21 04:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/28/21 03:36	07/30/21 04:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/28/21 03:36	07/30/21 04:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	38.1	%	10.0-135	1	07/28/21 03:36	07/30/21 04:29	2051-24-3	
Tetrachloro-m-xylene (S)	49.9	%	10.0-139	1	07/28/21 03:36	07/30/21 04:29	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:16	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:16	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:16	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:16	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:16	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:16	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 02:16	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 02:16	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:16	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:16	93-72-1	
Surrogates								
2,4-DCAA (S)	67.7	%	22.0-132	1	07/22/21 07:55	07/27/21 02:16	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**4.8**	mg/kg	0.89	1	07/19/21 08:34	07/19/21 18:08	7440-38-2	

REPORT OF LABORATORY ANALYSIS

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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-17 **Lab ID: 20214890002** Collected: 07/16/21 09:25 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Barium	**101**	mg/kg	17.9	1	07/19/21 08:34	07/19/21 18:08	7440-39-3	
Cadmium	**0.77**	mg/kg	0.45	1	07/19/21 08:34	07/19/21 18:08	7440-43-9	
Chromium	**11.3**	mg/kg	0.89	1	07/19/21 08:34	07/19/21 18:08	7440-47-3	
Lead	**84.3**	mg/kg	0.45	1	07/19/21 08:34	07/19/21 18:08	7439-92-1	
Selenium	ND	mg/kg	1.8	1	07/19/21 08:34	07/19/21 18:08	7782-49-2	
Silver	ND	mg/kg	0.89	1	07/19/21 08:34	07/19/21 18:08	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.072**	mg/kg	0.017	1	07/19/21 08:54	07/19/21 13:12	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.050	1	07/23/21 04:07	07/23/21 15:27	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/23/21 04:07	07/23/21 15:27	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	49	%.	10-150	1	07/23/21 04:07	07/23/21 15:27	321-60-8	
Terphenyl-d14 (S)	51	%.	10-147	1	07/23/21 04:07	07/23/21 15:27	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	208-96-8	
Anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	95-57-8	
Chrysene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.67	1	07/20/21 04:15	07/20/21 12:04	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	105-67-9	
Dimethylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	131-11-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-17 **Lab ID: 20214890002** Collected: 07/16/21 09:25 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/20/21 04:15	07/20/21 12:04	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.83	1	07/20/21 04:15	07/20/21 12:04	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	117-81-7	
Fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	91-57-6	
Naphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	108-95-2	
Pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:04	88-06-2	
Surrogates								
Terphenyl-d14 (S)	62	%.	10-145	1	07/20/21 04:15	07/20/21 12:04	1718-51-0	
2,4,6-Tribromophenol (S)	48	%.	10-138	1	07/20/21 04:15	07/20/21 12:04	118-79-6	
2-Fluorophenol (S)	54	%.	10-129	1	07/20/21 04:15	07/20/21 12:04	367-12-4	
Phenol-d6 (S)	50	%.	10-128	1	07/20/21 04:15	07/20/21 12:04	13127-88-3	
Nitrobenzene-d5 (S)	50	%.	10-144	1	07/20/21 04:15	07/20/21 12:04	4165-60-0	
2-Fluorobiphenyl (S)	49	%.	10-129	1	07/20/21 04:15	07/20/21 12:04	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.050**	mg/kg	0.0094	1	07/22/21 13:50	07/22/21 17:54	67-64-1	
Benzene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	75-27-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-17 **Lab ID: 20214890002** Collected: 07/16/21 09:25 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Bromoform	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	75-25-2	
Bromomethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0094	1	07/22/21 13:50	07/22/21 17:54	78-93-3	
Carbon disulfide	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	108-90-7	
Chloroethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	75-00-3	
Chloroform	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	67-66-3	
Chloromethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	100-41-4	
Isobutanol	ND	mg/kg	0.23	1	07/22/21 13:50	07/22/21 17:54	78-83-1	
Methylene Chloride	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0094	1	07/22/21 13:50	07/22/21 17:54	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	1634-04-4	
Styrene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	127-18-4	
Toluene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	79-00-5	
Trichloroethene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	75-69-4	
Vinyl chloride	ND	mg/kg	0.0019	1	07/22/21 13:50	07/22/21 17:54	75-01-4	
m&p-Xylene	ND	mg/kg	0.0094	1	07/22/21 13:50	07/22/21 17:54	179601-23-1	
o-Xylene	ND	mg/kg	0.0047	1	07/22/21 13:50	07/22/21 17:54	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%.	75-125	1	07/22/21 13:50	07/22/21 17:54	2037-26-5	
4-Bromofluorobenzene (S)	114	%.	64-139	1	07/22/21 13:50	07/22/21 17:54	460-00-4	
Dibromofluoromethane (S)	106	%.	66-143	1	07/22/21 13:50	07/22/21 17:54	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/27/21 16:17		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-17 **Lab ID: 20214890002** Collected: 07/16/21 09:25 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:23		

Sample: DUP **Lab ID: 20214890003** Collected: 07/16/21 00:00 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/29/21 19:08	07/31/21 15:12	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/29/21 19:08	07/31/21 15:12	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/29/21 19:08	07/31/21 15:12	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	52.5	%	10.0-135	1	07/29/21 19:08	07/31/21 15:12	2051-24-3	
Tetrachloro-m-xylene (S)	62.2	%	10.0-139	1	07/29/21 19:08	07/31/21 15:12	877-09-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: DUP **Lab ID: 20214890003** Collected: 07/16/21 00:00 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:40	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:40	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:40	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/28/21 03:36	07/30/21 04:40	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/28/21 03:36	07/30/21 04:40	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/28/21 03:36	07/30/21 04:40	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/28/21 03:36	07/30/21 04:40	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	55.4	%	10.0-135	1	07/28/21 03:36	07/30/21 04:40	2051-24-3	
Tetrachloro-m-xylene (S)	59.7	%	10.0-139	1	07/28/21 03:36	07/30/21 04:40	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:32	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:32	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:32	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:32	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:32	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:32	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 02:32	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 02:32	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:32	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:32	93-72-1	
Surrogates								
2,4-DCAA (S)	71.3	%	22.0-132	1	07/22/21 07:55	07/27/21 02:32	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**4.2**	mg/kg	0.85	1	07/19/21 08:34	07/19/21 18:12	7440-38-2	
Barium	**117**	mg/kg	16.9	1	07/19/21 08:34	07/19/21 18:12	7440-39-3	
Cadmium	**0.78**	mg/kg	0.42	1	07/19/21 08:34	07/19/21 18:12	7440-43-9	
Chromium	**10.9**	mg/kg	0.85	1	07/19/21 08:34	07/19/21 18:12	7440-47-3	
Lead	**88.5**	mg/kg	0.42	1	07/19/21 08:34	07/19/21 18:12	7439-92-1	
Selenium	ND	mg/kg	1.7	1	07/19/21 08:34	07/19/21 18:12	7782-49-2	
Silver	ND	mg/kg	0.85	1	07/19/21 08:34	07/19/21 18:12	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.17**	mg/kg	0.015	1	07/19/21 08:54	07/19/21 13:15	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.049	1	07/23/21 04:07	07/23/21 15:55	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/23/21 04:07	07/23/21 15:55	88-85-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: DUP **Lab ID: 20214890003** Collected: 07/16/21 00:00 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Surrogates								
2-Fluorobiphenyl (S)	57	%.	10-150	1	07/23/21 04:07	07/23/21 15:55	321-60-8	
Terphenyl-d14 (S)	60	%.	10-147	1	07/23/21 04:07	07/23/21 15:55	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	208-96-8	
Anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	92-52-4	
Butylbenzylphthalate	**10.5**	mg/kg	3.3	10	07/20/21 04:15	07/21/21 10:07	85-68-7	D4
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	95-57-8	
Chrysene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/20/21 04:15	07/20/21 12:33	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	105-67-9	
Dimethylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/20/21 04:15	07/20/21 12:33	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.82	1	07/20/21 04:15	07/20/21 12:33	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	606-20-2	
Di-n-octylphthalate	**0.63**	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	117-81-7	
Fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	91-57-6	

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: DUP **Lab ID: 20214890003** Collected: 07/16/21 00:00 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Naphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	108-95-2	
Pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 12:33	88-06-2	
Surrogates								
Terphenyl-d14 (S)	94	%.	10-145	1	07/20/21 04:15	07/20/21 12:33	1718-51-0	
Terphenyl-d14 (S)	54	%.	10-145	10	07/20/21 04:15	07/21/21 10:07	1718-51-0	
2,4,6-Tribromophenol (S)	35	%.	10-138	10	07/20/21 04:15	07/21/21 10:07	118-79-6	
2,4,6-Tribromophenol (S)	68	%.	10-138	1	07/20/21 04:15	07/20/21 12:33	118-79-6	
2-Fluorophenol (S)	54	%.	10-129	10	07/20/21 04:15	07/21/21 10:07	367-12-4	
2-Fluorophenol (S)	73	%.	10-129	1	07/20/21 04:15	07/20/21 12:33	367-12-4	
Phenol-d6 (S)	67	%.	10-128	1	07/20/21 04:15	07/20/21 12:33	13127-88-3	
Phenol-d6 (S)	53	%.	10-128	10	07/20/21 04:15	07/21/21 10:07	13127-88-3	
Nitrobenzene-d5 (S)	56	%.	10-144	10	07/20/21 04:15	07/21/21 10:07	4165-60-0	
Nitrobenzene-d5 (S)	65	%.	10-144	1	07/20/21 04:15	07/20/21 12:33	4165-60-0	
2-Fluorobiphenyl (S)	65	%.	10-129	1	07/20/21 04:15	07/20/21 12:33	321-60-8	
2-Fluorobiphenyl (S)	54	%.	10-129	10	07/20/21 04:15	07/21/21 10:07	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.029**	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 18:13	67-64-1	
Benzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	75-27-4	
Bromoform	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 18:13	78-93-3	
Carbon disulfide	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	56-23-5	
Chlorobenzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	75-00-3	
Chloroform	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	74-87-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: DUP **Lab ID: 20214890003** Collected: 07/16/21 00:00 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	100-41-4	
Isobutanol	ND	mg/kg	0.23	1	07/22/21 13:50	07/22/21 18:13	78-83-1	
Methylene Chloride	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 18:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	1634-04-4	
Styrene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	127-18-4	
Toluene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	79-00-5	
Trichloroethene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	75-69-4	
Vinyl chloride	ND	mg/kg	0.0018	1	07/22/21 13:50	07/22/21 18:13	75-01-4	
m&p-Xylene	ND	mg/kg	0.0090	1	07/22/21 13:50	07/22/21 18:13	179601-23-1	
o-Xylene	ND	mg/kg	0.0045	1	07/22/21 13:50	07/22/21 18:13	95-47-6	
Surrogates								
Toluene-d8 (S)	96	%.	75-125	1	07/22/21 13:50	07/22/21 18:13	2037-26-5	
4-Bromofluorobenzene (S)	127	%.	64-139	1	07/22/21 13:50	07/22/21 18:13	460-00-4	
Dibromofluoromethane (S)	109	%.	66-143	1	07/22/21 13:50	07/22/21 18:13	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/27/21 16:17		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: DUP **Lab ID: 20214890003** Collected: 07/16/21 00:00 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:23		

Sample: COMP-18 **Lab ID: 20214890004** Collected: 07/16/21 10:03 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/29/21 20:43	07/30/21 16:47	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 16:47	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/29/21 20:43	07/30/21 16:47	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	91.8	%	10.0-135	1	07/29/21 20:43	07/30/21 16:47	2051-24-3	
Tetrachloro-m-xylene (S)	57.3	%	10.0-139	1	07/29/21 20:43	07/30/21 16:47	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/29/21 20:43	07/30/21 14:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/29/21 20:43	07/30/21 14:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/29/21 20:43	07/30/21 14:07	11096-82-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-18 **Lab ID: 20214890004** Collected: 07/16/21 10:03 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Surrogates								
Decachlorobiphenyl (S)	407	%	10.0-135	1	07/29/21 20:43	07/30/21 14:07	2051-24-3	ST
Tetrachloro-m-xylene (S)	66.1	%	10.0-139	1	07/29/21 20:43	07/30/21 14:07	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:48	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:48	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:48	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:48	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:48	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:48	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 02:48	94-74-6	L0
MCPP	ND	mg/kg	6.50	1	07/22/21 07:55	07/27/21 02:48	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:48	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/22/21 07:55	07/27/21 02:48	93-72-1	
Surrogates								
2,4-DCAA (S)	73.5	%	22.0-132	1	07/22/21 07:55	07/27/21 02:48	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**9.1**	mg/kg	0.91	1	07/19/21 08:34	07/19/21 18:16	7440-38-2	
Barium	**170**	mg/kg	18.2	1	07/19/21 08:34	07/19/21 18:16	7440-39-3	
Cadmium	**0.94**	mg/kg	0.45	1	07/19/21 08:34	07/19/21 18:16	7440-43-9	
Chromium	**16.9**	mg/kg	0.91	1	07/19/21 08:34	07/19/21 18:16	7440-47-3	
Lead	**46.8**	mg/kg	0.45	1	07/19/21 08:34	07/19/21 18:16	7439-92-1	
Selenium	ND	mg/kg	1.8	1	07/19/21 08:34	07/19/21 18:16	7782-49-2	
Silver	ND	mg/kg	0.91	1	07/19/21 08:34	07/19/21 18:16	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.076**	mg/kg	0.018	1	07/19/21 08:54	07/19/21 13:17	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.049	1	07/23/21 04:07	07/23/21 13:38	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/23/21 04:07	07/23/21 13:38	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	10-150	1	07/23/21 04:07	07/23/21 13:38	321-60-8	
Terphenyl-d14 (S)	56	%.	10-147	1	07/23/21 04:07	07/23/21 13:38	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	83-32-9	
Acenaphthylene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	208-96-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-18 **Lab ID: 20214890004** Collected: 07/16/21 10:03 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	85-68-7	
3&4-Chloroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39		
bis(2-Chloroethyl) ether	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	91-58-7	
2-Chlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	95-57-8	
Chrysene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	53-70-3	
Dibenzofuran	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	0.66	1	07/20/21 04:15	07/20/21 10:39	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	120-83-2	
Diethylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	105-67-9	
Dimethylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.16	1	07/20/21 04:15	07/20/21 10:39	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	0.82	1	07/20/21 04:15	07/20/21 10:39	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	117-81-7	
Fluoranthene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	206-44-0	
Fluorene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	77-47-4	
Hexachloroethane	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	193-39-5	
Isophorone	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	91-57-6	
Naphthalene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	91-20-3	
2-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	88-74-4	
3-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	99-09-2	
4-Nitroaniline	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	100-01-6	
Nitrobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	98-95-3	
4-Nitrophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	86-30-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-18 **Lab ID: 20214890004** Collected: 07/16/21 10:03 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	108-60-1	
Pentachlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	87-86-5	
Phenanthrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	85-01-8	
Phenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	108-95-2	
Pyrene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.33	1	07/20/21 04:15	07/20/21 10:39	88-06-2	
Surrogates								
Terphenyl-d14 (S)	57	%.	10-145	1	07/20/21 04:15	07/20/21 10:39	1718-51-0	
2,4,6-Tribromophenol (S)	51	%.	10-138	1	07/20/21 04:15	07/20/21 10:39	118-79-6	
2-Fluorophenol (S)	66	%.	10-129	1	07/20/21 04:15	07/20/21 10:39	367-12-4	
Phenol-d6 (S)	56	%.	10-128	1	07/20/21 04:15	07/20/21 10:39	13127-88-3	
Nitrobenzene-d5 (S)	59	%.	10-144	1	07/20/21 04:15	07/20/21 10:39	4165-60-0	
2-Fluorobiphenyl (S)	60	%.	10-129	1	07/20/21 04:15	07/20/21 10:39	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.070**	mg/kg	0.011	1	07/22/21 13:50	07/22/21 18:32	67-64-1	
Benzene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	75-27-4	
Bromoform	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	75-25-2	
Bromomethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.011	1	07/22/21 13:50	07/22/21 18:32	78-93-3	
Carbon disulfide	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	108-90-7	
Chloroethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	75-00-3	
Chloroform	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	67-66-3	
Chloromethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	100-41-4	
Isobutanol	ND	mg/kg	0.26	1	07/22/21 13:50	07/22/21 18:32	78-83-1	
Methylene Chloride	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.011	1	07/22/21 13:50	07/22/21 18:32	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-18 **Lab ID: 20214890004** Collected: 07/16/21 10:03 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Methyl-tert-butyl ether	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	1634-04-4	
Styrene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	127-18-4	
Toluene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	79-00-5	
Trichloroethene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	75-69-4	
Vinyl chloride	ND	mg/kg	0.0021	1	07/22/21 13:50	07/22/21 18:32	75-01-4	
m&p-Xylene	ND	mg/kg	0.011	1	07/22/21 13:50	07/22/21 18:32	179601-23-1	
o-Xylene	ND	mg/kg	0.0053	1	07/22/21 13:50	07/22/21 18:32	95-47-6	
Surrogates								
Toluene-d8 (S)	94	%.	75-125	1	07/22/21 13:50	07/22/21 18:32	2037-26-5	
4-Bromofluorobenzene (S)	127	%.	64-139	1	07/22/21 13:50	07/22/21 18:32	460-00-4	
Dibromofluoromethane (S)	107	%.	66-143	1	07/22/21 13:50	07/22/21 18:32	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/27/21 16:17		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:23		

Sample: COMP-19 **Lab ID: 20214890005** Collected: 07/16/21 10:59 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	309-00-2	

REPORT OF LABORATORY ANALYSIS

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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-19 **Lab ID: 20214890005** Collected: 07/16/21 10:59 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
alpha-BHC	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/29/21 20:43	07/30/21 17:00	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	33213-65-9	
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:00	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/29/21 20:43	07/30/21 17:00	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	119	%	10.0-135	1	07/29/21 20:43	07/30/21 17:00	2051-24-3	
Tetrachloro-m-xylene (S)	70.3	%	10.0-139	1	07/29/21 20:43	07/30/21 17:00	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/29/21 20:43	07/30/21 14:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/29/21 20:43	07/30/21 14:16	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/29/21 20:43	07/30/21 14:16	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	283	%	10.0-135	1	07/29/21 20:43	07/30/21 14:16	2051-24-3	ST
Tetrachloro-m-xylene (S)	77.8	%	10.0-139	1	07/29/21 20:43	07/30/21 14:16	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:29	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:29	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:29	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:29	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:29	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:29	88-85-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-19 **Lab ID: 20214890005** Collected: 07/16/21 10:59 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
MCPA	ND	mg/kg	6.50	1	07/25/21 22:45	07/28/21 08:29	94-74-6	
MCPP	ND	mg/kg	6.50	1	07/25/21 22:45	07/28/21 08:29	7085-19-0	
2,4,5-T	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:29	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:29	93-72-1	
Surrogates								
2,4-DCAA (S)	50.1	%	22.0-132	1	07/25/21 22:45	07/28/21 08:29	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**6.0**	mg/kg	0.93	1	07/19/21 08:34	07/19/21 18:20	7440-38-2	
Barium	**299**	mg/kg	18.5	1	07/19/21 08:34	07/19/21 18:20	7440-39-3	
Cadmium	**1.1**	mg/kg	0.46	1	07/19/21 08:34	07/19/21 18:20	7440-43-9	
Chromium	**18.2**	mg/kg	0.93	1	07/19/21 08:34	07/19/21 18:20	7440-47-3	
Lead	**137**	mg/kg	0.46	1	07/19/21 08:34	07/19/21 18:20	7439-92-1	
Selenium	ND	mg/kg	1.9	1	07/19/21 08:34	07/19/21 18:20	7782-49-2	
Silver	ND	mg/kg	0.93	1	07/19/21 08:34	07/19/21 18:20	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.12**	mg/kg	0.020	1	07/19/21 08:54	07/19/21 13:19	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.049	1	07/23/21 04:07	07/23/21 17:44	62-53-3	
Dinoseb	ND	mg/kg	0.099	1	07/23/21 04:07	07/23/21 17:44	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	13	%.	10-150	1	07/23/21 04:07	07/23/21 17:44	321-60-8	
Terphenyl-d14 (S)	12	%.	10-147	1	07/23/21 04:07	07/23/21 17:44	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	83-32-9	
Acenaphthylene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	208-96-8	
Anthracene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	120-12-7	
Benzo(a)anthracene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	56-55-3	
Benzo(a)pyrene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	92-52-4	
Butylbenzylphthalate	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	85-68-7	
3&4-Chloroaniline	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29		
bis(2-Chloroethyl) ether	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	111-44-4	
2-Chloronaphthalene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	91-58-7	
2-Chlorophenol	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	95-57-8	
Chrysene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	218-01-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-19 **Lab ID: 20214890005** Collected: 07/16/21 10:59 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Dibenz(a,h)anthracene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	53-70-3	
Dibenzofuran	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	3.3	5	07/20/21 04:15	07/20/21 13:29	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	120-83-2	
Diethylphthalate	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	105-67-9	
Dimethylphthalate	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.82	5	07/20/21 04:15	07/20/21 13:29	99-65-0	
2,4-Dinitrophenol	ND	mg/kg	4.1	5	07/20/21 04:15	07/20/21 13:29	51-28-5	
2,4-Dinitrotoluene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	606-20-2	
Di-n-octylphthalate	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	117-81-7	
Fluoranthene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	206-44-0	
Fluorene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	87-68-3	
Hexachlorobenzene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	77-47-4	
Hexachloroethane	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	193-39-5	
Isophorone	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	78-59-1	
2-Methylnaphthalene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	91-57-6	
Naphthalene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	91-20-3	
2-Nitroaniline	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	88-74-4	
3-Nitroaniline	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	99-09-2	
4-Nitroaniline	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	100-01-6	
Nitrobenzene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	98-95-3	
4-Nitrophenol	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	108-60-1	
Pentachlorophenol	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	87-86-5	
Phenanthrene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	85-01-8	
Phenol	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	108-95-2	D3
Pyrene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	1.6	5	07/20/21 04:15	07/20/21 13:29	88-06-2	
Surrogates								
Terphenyl-d14 (S)	97	%.	10-145	5	07/20/21 04:15	07/20/21 13:29	1718-51-0	
2,4,6-Tribromophenol (S)	54	%.	10-138	5	07/20/21 04:15	07/20/21 13:29	118-79-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-19 **Lab ID: 20214890005** Collected: 07/16/21 10:59 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Surrogates								
2-Fluorophenol (S)	71	%.	10-129	5	07/20/21 04:15	07/20/21 13:29	367-12-4	
Phenol-d6 (S)	65	%.	10-128	5	07/20/21 04:15	07/20/21 13:29	13127-88-3	
Nitrobenzene-d5 (S)	66	%.	10-144	5	07/20/21 04:15	07/20/21 13:29	4165-60-0	
2-Fluorobiphenyl (S)	65	%.	10-129	5	07/20/21 04:15	07/20/21 13:29	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.088**	mg/kg	0.011	1	07/22/21 13:50	07/22/21 18:51	67-64-1	
Benzene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	75-27-4	
Bromoform	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	75-25-2	
Bromomethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.011	1	07/22/21 13:50	07/22/21 18:51	78-93-3	
Carbon disulfide	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	56-23-5	
Chlorobenzene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	108-90-7	
Chloroethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	75-00-3	
Chloroform	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	67-66-3	
Chloromethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	100-41-4	
Isobutanol	ND	mg/kg	0.28	1	07/22/21 13:50	07/22/21 18:51	78-83-1	
Methylene Chloride	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.011	1	07/22/21 13:50	07/22/21 18:51	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	1634-04-4	
Styrene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	127-18-4	
Toluene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	79-00-5	
Trichloroethene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	75-69-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-19 **Lab ID: 20214890005** Collected: 07/16/21 10:59 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Vinyl chloride	ND	mg/kg	0.0023	1	07/22/21 13:50	07/22/21 18:51	75-01-4	
m&p-Xylene	ND	mg/kg	0.011	1	07/22/21 13:50	07/22/21 18:51	179601-23-1	
o-Xylene	ND	mg/kg	0.0057	1	07/22/21 13:50	07/22/21 18:51	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%.	75-125	1	07/22/21 13:50	07/22/21 18:51	2037-26-5	
4-Bromofluorobenzene (S)	114	%.	64-139	1	07/22/21 13:50	07/22/21 18:51	460-00-4	
Dibromofluoromethane (S)	111	%.	66-143	1	07/22/21 13:50	07/22/21 18:51	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/27/21 16:17		
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:27		

Sample: COMP-20 **Lab ID: 20214890006** Collected: 07/16/21 11:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Aldrin	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	309-00-2	
alpha-BHC	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	319-84-6	
beta-BHC	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	319-85-7	
delta-BHC	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	319-86-8	
gamma-BHC (Lindane)	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	58-89-9	
Chlordane (Technical)	ND	mg/kg	0.300	1	07/29/21 20:43	07/30/21 17:12	57-74-9	
4,4'-DDD	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	72-54-8	
4,4'-DDE	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	72-55-9	
4,4'-DDT	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	50-29-3	
Dieldrin	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	60-57-1	
Endosulfan I	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	959-98-8	
Endosulfan II	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	33213-65-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-20 **Lab ID: 20214890006** Collected: 07/16/21 11:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Pesticides (GC) 8081	Analytical Method: EPA 8081 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
Endosulfan sulfate	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	1031-07-8	
Endrin	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	72-20-8	
Endrin aldehyde	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	7421-93-4	
Endrin ketone	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	53494-70-5	
Heptachlor	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	76-44-8	
Heptachlor epoxide	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	1024-57-3	
Hexachlorobenzene	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	118-74-1	
Methoxychlor	ND	mg/kg	0.0200	1	07/29/21 20:43	07/30/21 17:12	72-43-5	
Toxaphene	ND	mg/kg	0.400	1	07/29/21 20:43	07/30/21 17:12	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	113	%	10.0-135	1	07/29/21 20:43	07/30/21 17:12	2051-24-3	
Tetrachloro-m-xylene (S)	60.8	%	10.0-139	1	07/29/21 20:43	07/30/21 17:12	877-09-8	
PCBs(GC) 8082	Analytical Method: EPA 8082 Preparation Method: 3546/3665A Pace National - Mt. Juliet							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.0340	1	07/29/21 20:43	07/30/21 14:25	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.0170	1	07/29/21 20:43	07/30/21 14:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.0170	1	07/29/21 20:43	07/30/21 14:25	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.0170	1	07/29/21 20:43	07/30/21 14:25	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	151	%	10.0-135	1	07/29/21 20:43	07/30/21 14:25	2051-24-3	ST
Tetrachloro-m-xylene (S)	68.3	%	10.0-139	1	07/29/21 20:43	07/30/21 14:25	877-09-8	
Chlorinated Herb. (GC) 8151	Analytical Method: EPA 8151 Preparation Method: 8151A Pace National - Mt. Juliet							
2,4-D	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:45	94-75-7	
Dalapon	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:45	75-99-0	
2,4-DB	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:45	94-82-6	
Dicamba	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:45	1918-00-9	
Dichloroprop	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:45	15165-67-0	
Dinoseb	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:45	88-85-7	
MCPA	ND	mg/kg	6.50	1	07/25/21 22:45	07/28/21 08:45	94-74-6	
MCPP	ND	mg/kg	6.50	1	07/25/21 22:45	07/28/21 08:45	7085-19-0	
2,4,5-T	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:45	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0700	1	07/25/21 22:45	07/28/21 08:45	93-72-1	
Surrogates								
2,4-DCAA (S)	49.0	%	22.0-132	1	07/25/21 22:45	07/28/21 08:45	19719-28-9	
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Arsenic	**4.5**	mg/kg	0.96	1	07/19/21 08:34	07/19/21 18:24	7440-38-2	
Barium	**153**	mg/kg	19.2	1	07/19/21 08:34	07/19/21 18:24	7440-39-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-20 **Lab ID: 20214890006** Collected: 07/16/21 11:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - New Orleans							
Cadmium	**1.2**	mg/kg	0.48	1	07/19/21 08:34	07/19/21 18:24	7440-43-9	
Chromium	**13.9**	mg/kg	0.96	1	07/19/21 08:34	07/19/21 18:24	7440-47-3	
Lead	**141**	mg/kg	0.48	1	07/19/21 08:34	07/19/21 18:24	7439-92-1	
Selenium	ND	mg/kg	1.9	1	07/19/21 08:34	07/19/21 18:24	7782-49-2	
Silver	ND	mg/kg	0.96	1	07/19/21 08:34	07/19/21 18:24	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - New Orleans							
Mercury	**0.14**	mg/kg	0.016	1	07/19/21 08:54	07/19/21 13:21	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Aniline	ND	mg/kg	0.049	1	07/23/21 04:07	07/23/21 18:11	62-53-3	
Dinoseb	ND	mg/kg	0.098	1	07/23/21 04:07	07/23/21 18:11	88-85-7	
Surrogates								
2-Fluorobiphenyl (S)	15	%.	10-150	1	07/23/21 04:07	07/23/21 18:11	321-60-8	
Terphenyl-d14 (S)	13	%.	10-147	1	07/23/21 04:07	07/23/21 18:11	1718-51-0	
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
Acenaphthene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	83-32-9	
Acenaphthylene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	208-96-8	
Anthracene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	205-99-2	
Benzo(k)fluoranthene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	207-08-9	
Biphenyl (Diphenyl)	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	92-52-4	
Butylbenzylphthalate	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	85-68-7	M1
3&4-Chloroaniline	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57		
bis(2-Chloroethyl) ether	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	111-44-4	
2-Chloronaphthalene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	91-58-7	
2-Chlorophenol	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	95-57-8	
Chrysene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	53-70-3	
Dibenzofuran	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	132-64-9	
1,2-Dichlorobenzene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	106-46-7	
3,3'-Dichlorobenzidine	ND	mg/kg	1.3	2	07/20/21 04:15	07/20/21 13:57	91-94-1	
2,4-Dichlorophenol	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	120-83-2	
Diethylphthalate	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	84-66-2	
2,4-Dimethylphenol	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	105-67-9	
Dimethylphthalate	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	131-11-3	
1,3-Dinitrobenzene	ND	mg/kg	0.33	2	07/20/21 04:15	07/20/21 13:57	99-65-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-20 **Lab ID: 20214890006** Collected: 07/16/21 11:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - New Orleans							
2,4-Dinitrophenol	ND	mg/kg	1.6	2	07/20/21 04:15	07/20/21 13:57	51-28-5	M1
2,4-Dinitrotoluene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	121-14-2	
2,6-Dinitrotoluene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	606-20-2	
Di-n-octylphthalate	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	117-84-0	M1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	117-81-7	M1
Fluoranthene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	206-44-0	
Fluorene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	86-73-7	
Hexachloro-1,3-butadiene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	87-68-3	
Hexachlorobenzene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	118-74-1	
Hexachlorocyclopentadiene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	77-47-4	M1
Hexachloroethane	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	193-39-5	
Isophorone	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	78-59-1	
2-Methylnaphthalene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	91-57-6	
Naphthalene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	91-20-3	
2-Nitroaniline	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	88-74-4	
3-Nitroaniline	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	99-09-2	
4-Nitroaniline	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	100-01-6	
Nitrobenzene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	98-95-3	
4-Nitrophenol	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	100-02-7	
N-Nitroso-di-n-propylamine	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	621-64-7	
N-Nitrosodiphenylamine	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	108-60-1	
Pentachlorophenol	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	87-86-5	
Phenanthrene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	85-01-8	
Phenol	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	108-95-2	D3
Pyrene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	129-00-0	M1
1,2,4,5-Tetrachlorobenzene	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	58-90-2	
2,4,5-Trichlorophenol	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	95-95-4	
2,4,6-Trichlorophenol	ND	mg/kg	0.65	2	07/20/21 04:15	07/20/21 13:57	88-06-2	
Surrogates								
Terphenyl-d14 (S)	84	%.	10-145	2	07/20/21 04:15	07/20/21 13:57	1718-51-0	
2,4,6-Tribromophenol (S)	56	%.	10-138	2	07/20/21 04:15	07/20/21 13:57	118-79-6	
2-Fluorophenol (S)	72	%.	10-129	2	07/20/21 04:15	07/20/21 13:57	367-12-4	
Phenol-d6 (S)	61	%.	10-128	2	07/20/21 04:15	07/20/21 13:57	13127-88-3	
Nitrobenzene-d5 (S)	65	%.	10-144	2	07/20/21 04:15	07/20/21 13:57	4165-60-0	
2-Fluorobiphenyl (S)	63	%.	10-129	2	07/20/21 04:15	07/20/21 13:57	321-60-8	
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Acetone	**0.061**	mg/kg	0.0095	1	07/22/21 13:50	07/22/21 19:10	67-64-1	
Benzene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	71-43-2	
Bromodichloromethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	75-27-4	
Bromoform	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	75-25-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-20 **Lab ID: 20214890006** Collected: 07/16/21 11:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - New Orleans							
Bromomethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.0095	1	07/22/21 13:50	07/22/21 19:10	78-93-3	
Carbon disulfide	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	56-23-5	
Chlorobenzene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	108-90-7	
Chloroethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	75-00-3	
Chloroform	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	67-66-3	
Chloromethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	96-12-8	
Dibromochloromethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	124-48-1	
1,1-Dichloroethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	78-87-5	
cis-1,3-Dichloropropene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	100-41-4	
Isobutanol	ND	mg/kg	0.24	1	07/22/21 13:50	07/22/21 19:10	78-83-1	
Methylene Chloride	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0095	1	07/22/21 13:50	07/22/21 19:10	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	1634-04-4	
Styrene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	127-18-4	
Toluene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	79-00-5	
Trichloroethene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	75-69-4	
Vinyl chloride	ND	mg/kg	0.0019	1	07/22/21 13:50	07/22/21 19:10	75-01-4	
m&p-Xylene	ND	mg/kg	0.0095	1	07/22/21 13:50	07/22/21 19:10	179601-23-1	
o-Xylene	ND	mg/kg	0.0048	1	07/22/21 13:50	07/22/21 19:10	95-47-6	
Surrogates								
Toluene-d8 (S)	97	%.	75-125	1	07/22/21 13:50	07/22/21 19:10	2037-26-5	
4-Bromofluorobenzene (S)	111	%.	64-139	1	07/22/21 13:50	07/22/21 19:10	460-00-4	
Dibromofluoromethane (S)	110	%.	66-143	1	07/22/21 13:50	07/22/21 19:10	1868-53-7	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - New Orleans							
Flashpoint	**>212**	deg F	75.0	1		07/27/21 16:17		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: COMP-20 **Lab ID: 20214890006** Collected: 07/16/21 11:30 Received: 07/16/21 14:02 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
734S Reactive Sulfide	Analytical Method: SW-846 7.3.4.2 Preparation Method: SW-846 7.3.4.2 Pace Analytical Services - New Orleans							
Sulfide, Reactive	ND	mg/kg	50.0	1	07/27/21 09:30	07/27/21 14:09		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095 Pace Analytical Services - New Orleans							
Free Liquids	**PASS**		1.0	1		07/28/21 16:15		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2 Preparation Method: SW-846 7.3.3.2 Pace Analytical Services - New Orleans							
Cyanide, Reactive	ND	mg/kg	25.0	1	07/27/21 09:30	07/27/21 15:27		

Sample: TB05(071621) **Lab ID: 20214890007** Collected: 07/16/21 14:02 Received: 07/16/21 14:02 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - New Orleans							
Acetone	ND	mg/L	0.0040	1		07/22/21 16:34	67-64-1	
Benzene	ND	mg/L	0.00050	1		07/22/21 16:34	71-43-2	
Bromodichloromethane	ND	mg/L	0.00050	1		07/22/21 16:34	75-27-4	
Bromoform	ND	mg/L	0.0010	1		07/22/21 16:34	75-25-2	
Bromomethane	ND	mg/L	0.00050	1		07/22/21 16:34	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.0020	1		07/22/21 16:34	78-93-3	
Carbon disulfide	ND	mg/L	0.0010	1		07/22/21 16:34	75-15-0	
Carbon tetrachloride	ND	mg/L	0.00050	1		07/22/21 16:34	56-23-5	
Chlorobenzene	ND	mg/L	0.00050	1		07/22/21 16:34	108-90-7	
Chloroethane	ND	mg/L	0.00050	1		07/22/21 16:34	75-00-3	
Chloroform	ND	mg/L	0.00050	1		07/22/21 16:34	67-66-3	
Chloromethane	ND	mg/L	0.00050	1		07/22/21 16:34	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.00020	1		07/22/21 16:34	96-12-8	
Dibromochloromethane	ND	mg/L	0.00050	1		07/22/21 16:34	124-48-1	
1,1-Dichloroethane	ND	mg/L	0.00050	1		07/22/21 16:34	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.00050	1		07/22/21 16:34	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.00050	1		07/22/21 16:34	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	1		07/22/21 16:34	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.00050	1		07/22/21 16:34	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.00050	1		07/22/21 16:34	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/22/21 16:34	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.00050	1		07/22/21 16:34	10061-02-6	
Ethylbenzene	ND	mg/L	0.00050	1		07/22/21 16:34	100-41-4	
Isobutanol	ND	mg/L	0.050	1		07/22/21 16:34	78-83-1	
Methylene Chloride	ND	mg/L	0.00050	1		07/22/21 16:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.0010	1		07/22/21 16:34	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.00050	1		07/22/21 16:34	1634-04-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

ANALYTICAL RESULTS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Sample: TB05(071621) **Lab ID: 20214890007** Collected: 07/16/21 14:02 Received: 07/16/21 14:02 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260							
	Pace Analytical Services - New Orleans							
Styrene	ND	mg/L	0.0010	1		07/22/21 16:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	1		07/22/21 16:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.00050	1		07/22/21 16:34	79-34-5	
Tetrachloroethene	ND	mg/L	0.00050	1		07/22/21 16:34	127-18-4	
Toluene	ND	mg/L	0.00050	1		07/22/21 16:34	108-88-3	
1,2,4-Trichlorobenzene	ND	mg/L	0.0020	1		07/22/21 16:34	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.00050	1		07/22/21 16:34	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.00050	1		07/22/21 16:34	79-00-5	
Trichloroethene	ND	mg/L	0.00050	1		07/22/21 16:34	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	1		07/22/21 16:34	75-69-4	
Vinyl chloride	ND	mg/L	0.00050	1		07/22/21 16:34	75-01-4	
m&p-Xylene	ND	mg/L	0.0020	1		07/22/21 16:34	179601-23-1	
o-Xylene	ND	mg/L	0.0010	1		07/22/21 16:34	95-47-6	
Surrogates								
Dibromofluoromethane (S)	108	%.	72-126	1		07/22/21 16:34	1868-53-7	
4-Bromofluorobenzene (S)	102	%.	68-124	1		07/22/21 16:34	460-00-4	
Toluene-d8 (S)	97	%.	79-119	1		07/22/21 16:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 1713319
QC Batch Method: 3546/3665A
Analysis Method: EPA 8081
Analysis Description: Pesticides (GC) 8081
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214890004, 20214890005, 20214890006

METHOD BLANK: R3686105-1 Matrix: Solid
Associated Lab Samples: 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aldrin	mg/kg	ND	0.0200	07/30/21 13:53	
alpha-BHC	mg/kg	ND	0.0200	07/30/21 13:53	
beta-BHC	mg/kg	ND	0.0200	07/30/21 13:53	
delta-BHC	mg/kg	ND	0.0200	07/30/21 13:53	
gamma-BHC (Lindane)	mg/kg	ND	0.0200	07/30/21 13:53	
4,4'-DDD	mg/kg	ND	0.0200	07/30/21 13:53	
4,4'-DDE	mg/kg	ND	0.0200	07/30/21 13:53	
4,4'-DDT	mg/kg	ND	0.0200	07/30/21 13:53	
Dieldrin	mg/kg	ND	0.0200	07/30/21 13:53	
Endosulfan I	mg/kg	ND	0.0200	07/30/21 13:53	
Endosulfan II	mg/kg	ND	0.0200	07/30/21 13:53	
Endosulfan sulfate	mg/kg	ND	0.0200	07/30/21 13:53	
Endrin	mg/kg	ND	0.0200	07/30/21 13:53	
Endrin aldehyde	mg/kg	ND	0.0200	07/30/21 13:53	
Endrin ketone	mg/kg	ND	0.0200	07/30/21 13:53	
Heptachlor	mg/kg	ND	0.0200	07/30/21 13:53	
Heptachlor epoxide	mg/kg	ND	0.0200	07/30/21 13:53	
Hexachlorobenzene	mg/kg	ND	0.0200	07/30/21 13:53	
Methoxychlor	mg/kg	ND	0.0200	07/30/21 13:53	
Chlordane (Technical)	mg/kg	ND	0.300	07/30/21 13:53	
Toxaphene	mg/kg	ND	0.400	07/30/21 13:53	
Decachlorobiphenyl (S)	%	107	10.0-135	07/30/21 13:53	
Tetrachloro-m-xylene (S)	%	66.2	10.0-139	07/30/21 13:53	

LABORATORY CONTROL SAMPLE: R3686105-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aldrin	mg/kg	0.0666	0.0655	98.3	34.0-136	
alpha-BHC	mg/kg	0.0666	0.0621	93.2	34.0-139	
beta-BHC	mg/kg	0.0666	0.0551	82.7	34.0-133	
delta-BHC	mg/kg	0.0666	0.0588	88.3	34.0-135	
gamma-BHC (Lindane)	mg/kg	0.0666	0.0614	92.2	34.0-136	
4,4'-DDD	mg/kg	0.0666	0.0594	89.2	33.0-141	
4,4'-DDE	mg/kg	0.0666	0.0626	94.0	34.0-134	
4,4'-DDT	mg/kg	0.0666	0.0545	81.8	30.0-143	
Dieldrin	mg/kg	0.0666	0.0616	92.5	35.0-137	
Endosulfan I	mg/kg	0.0666	0.0646	97.0	34.0-134	
Endosulfan II	mg/kg	0.0666	0.0638	95.8	35.0-132	
Endosulfan sulfate	mg/kg	0.0666	0.0588	88.3	35.0-132	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

LABORATORY CONTROL SAMPLE: R3686105-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin	mg/kg	0.0666	0.0546	82.0	34.0-137	
Endrin aldehyde	mg/kg	0.0666	0.0607	91.1	23.0-121	
Endrin ketone	mg/kg	0.0666	0.0601	90.2	35.0-144	
Heptachlor	mg/kg	0.0666	0.0727	109	36.0-141	
Heptachlor epoxide	mg/kg	0.0666	0.0615	92.3	36.0-134	
Hexachlorobenzene	mg/kg	0.0666	0.0669	100	33.0-129	
Methoxychlor	mg/kg	0.0666	0.0569	85.4	28.0-150	
Decachlorobiphenyl (S)	%			96.2	10.0-135	
Tetrachloro-m-xylene (S)	%			62.0	10.0-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3686501-1 R3686501-2

Parameter	Units	L1381949-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aldrin	mg/kg	ND	0.0666	0.0666	0.0694	0.0558	104	83.8	20.0-135	21.7	37	
alpha-BHC	mg/kg	ND	0.0666	0.0666	0.0639	0.0515	95.9	77.3	27.0-140	21.5	35	
beta-BHC	mg/kg	ND	0.0666	0.0666	0.0577	0.0464	86.6	69.7	23.0-141	21.7	37	
delta-BHC	mg/kg	ND	0.0666	0.0666	0.0639	0.0513	95.9	77.0	21.0-138	21.9	35	
gamma-BHC (Lindane)	mg/kg	ND	0.0666	0.0666	0.0637	0.0511	95.6	76.7	27.0-137	22.0	36	
4,4'-DDD	mg/kg	ND	0.0666	0.0666	0.0627	0.0503	94.1	75.5	15.0-152	21.9	39	
4,4'-DDE	mg/kg	ND	0.0666	0.0666	0.0667	0.0539	100	80.9	10.0-152	21.2	40	
4,4'-DDT	mg/kg	ND	0.0666	0.0666	0.0604	0.0483	90.7	72.5	10.0-151	22.3	40	
Dieldrin	mg/kg	ND	0.0666	0.0666	0.0663	0.0530	99.5	79.6	17.0-145	22.3	37	
Endosulfan I	mg/kg	ND	0.0666	0.0666	0.0717	0.0579	108	86.9	20.0-137	21.3	36	
Endosulfan II	mg/kg	ND	0.0666	0.0666	0.0701	0.0565	105	84.8	15.0-141	21.5	37	
Endosulfan sulfate	mg/kg	ND	0.0666	0.0666	0.0659	0.0530	98.9	79.6	15.0-143	21.7	38	
Endrin	mg/kg	ND	0.0666	0.0666	0.0614	0.0486	92.2	73.0	19.0-143	23.3	37	
Endrin aldehyde	mg/kg	ND	0.0666	0.0666	0.0714	0.0577	107	86.6	10.0-139	21.2	40	
Endrin ketone	mg/kg	ND	0.0666	0.0666	0.0663	0.0537	99.5	80.6	17.0-149	21.0	38	
Heptachlor	mg/kg	ND	0.0666	0.0666	0.0802	0.0655	120	98.3	22.0-138	20.2	37	
Heptachlor epoxide	mg/kg	ND	0.0666	0.0666	0.0830	0.0546	125	82.0	22.0-138	41.3	36	P9,R1
Hexachlorobenzene	mg/kg	ND	0.0666	0.0666	0.0696	0.0577	105	86.6	25.0-126	18.7	35	P9
Methoxychlor	mg/kg	ND	0.0666	0.0666	0.0648	0.0516	97.3	77.5	10.0-159	22.7	40	
Decachlorobiphenyl (S)	%						84.8	78.8	10.0-135			
Tetrachloro-m-xylene (S)	%						58.3	50.0	10.0-139			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 1714237
QC Batch Method: 3546/3665A
Analysis Method: EPA 8081
Analysis Description: Pesticides (GC) 8081
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214890001, 20214890002, 20214890003

METHOD BLANK: R3686595-1 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aldrin	mg/kg	ND	0.0200	07/30/21 09:18	
alpha-BHC	mg/kg	ND	0.0200	07/30/21 09:18	
beta-BHC	mg/kg	ND	0.0200	07/30/21 09:18	
delta-BHC	mg/kg	ND	0.0200	07/30/21 09:18	
gamma-BHC (Lindane)	mg/kg	ND	0.0200	07/30/21 09:18	
4,4'-DDD	mg/kg	ND	0.0200	07/30/21 09:18	
4,4'-DDE	mg/kg	ND	0.0200	07/30/21 09:18	
4,4'-DDT	mg/kg	ND	0.0200	07/30/21 09:18	
Dieldrin	mg/kg	ND	0.0200	07/30/21 09:18	
Endosulfan I	mg/kg	ND	0.0200	07/30/21 09:18	
Endosulfan II	mg/kg	ND	0.0200	07/30/21 09:18	
Endosulfan sulfate	mg/kg	ND	0.0200	07/30/21 09:18	
Endrin	mg/kg	ND	0.0200	07/30/21 09:18	
Endrin aldehyde	mg/kg	ND	0.0200	07/30/21 09:18	
Endrin ketone	mg/kg	ND	0.0200	07/30/21 09:18	
Heptachlor	mg/kg	ND	0.0200	07/30/21 09:18	
Heptachlor epoxide	mg/kg	ND	0.0200	07/30/21 09:18	
Hexachlorobenzene	mg/kg	ND	0.0200	07/30/21 09:18	
Methoxychlor	mg/kg	ND	0.0200	07/30/21 09:18	
Chlordane (Technical)	mg/kg	ND	0.300	07/30/21 09:18	
Toxaphene	mg/kg	ND	0.400	07/30/21 09:18	
Decachlorobiphenyl (S)	%	69.5	10.0-135	07/30/21 09:18	
Tetrachloro-m-xylene (S)	%	74.6	10.0-139	07/30/21 09:18	

LABORATORY CONTROL SAMPLE: R3686595-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aldrin	mg/kg	0.0666	0.0594	89.2	34.0-136	
alpha-BHC	mg/kg	0.0666	0.0537	80.6	34.0-139	
beta-BHC	mg/kg	0.0666	0.0613	92.0	34.0-133	
delta-BHC	mg/kg	0.0666	0.0528	79.3	34.0-135	
gamma-BHC (Lindane)	mg/kg	0.0666	0.0541	81.2	34.0-136	
4,4'-DDD	mg/kg	0.0666	0.0567	85.1	33.0-141	
4,4'-DDE	mg/kg	0.0666	0.0545	81.8	34.0-134	
4,4'-DDT	mg/kg	0.0666	0.0473	71.0	30.0-143	
Dieldrin	mg/kg	0.0666	0.0589	88.4	35.0-137	
Endosulfan I	mg/kg	0.0666	0.0561	84.2	34.0-134	
Endosulfan II	mg/kg	0.0666	0.0544	81.7	35.0-132	
Endosulfan sulfate	mg/kg	0.0666	0.0524	78.7	35.0-132	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

LABORATORY CONTROL SAMPLE: R3686595-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin	mg/kg	0.0666	0.0524	78.7	34.0-137	
Endrin aldehyde	mg/kg	0.0666	0.0530	79.6	23.0-121	
Endrin ketone	mg/kg	0.0666	0.0511	76.7	35.0-144	
Heptachlor	mg/kg	0.0666	0.0513	77.0	36.0-141	
Heptachlor epoxide	mg/kg	0.0666	0.0561	84.2	36.0-134	
Hexachlorobenzene	mg/kg	0.0666	0.0544	81.7	33.0-129	
Methoxychlor	mg/kg	0.0666	0.0455	68.3	28.0-150	
Decachlorobiphenyl (S)	%			70.9	10.0-135	
Tetrachloro-m-xylene (S)	%			77.5	10.0-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3686621-1 R3686621-2

Parameter	Units	20214890001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aldrin	mg/kg	ND	0.0663	0.0653	0.0440	0.0402	66.4	61.6	20.0-135	9.03	37	
alpha-BHC	mg/kg	ND	0.0663	0.0653	0.0441	0.0410	66.5	62.8	27.0-140	7.29	35	
beta-BHC	mg/kg	ND	0.0663	0.0653	0.0498	0.0521	75.1	79.8	23.0-141	4.51	37	
delta-BHC	mg/kg	ND	0.0663	0.0653	0.0436	0.0382	65.8	58.5	21.0-138	13.2	35	
gamma-BHC (Lindane)	mg/kg	ND	0.0663	0.0653	0.0461	0.0389	69.5	59.6	27.0-137	16.9	36	
4,4'-DDD	mg/kg	ND	0.0663	0.0653	0.0480	0.0430	72.4	65.8	15.0-152	11.0	39	
4,4'-DDE	mg/kg	ND	0.0663	0.0653	0.0407	0.0359	61.4	55.0	10.0-152	12.5	40	
4,4'-DDT	mg/kg	ND	0.0663	0.0653	0.0359	0.0280	54.1	42.9	10.0-151	24.7	40	
Dieldrin	mg/kg	ND	0.0663	0.0653	0.0439	0.0386	66.2	59.1	17.0-145	12.8	37	
Endosulfan I	mg/kg	ND	0.0663	0.0653	0.0410	0.0372	61.8	57.0	20.0-137	9.72	36	
Endosulfan II	mg/kg	ND	0.0663	0.0653	0.0400	0.0347	60.3	53.1	15.0-141	14.2	37	
Endosulfan sulfate	mg/kg	ND	0.0663	0.0653	0.0497	0.0395	75.0	60.5	15.0-143	22.9	38	
Endrin	mg/kg	ND	0.0663	0.0653	0.0476	0.0422	71.8	64.6	19.0-143	12.0	37	
Endrin aldehyde	mg/kg	ND	0.0663	0.0653	0.0386	0.0322	58.2	49.3	10.0-139	18.1	40	
Endrin ketone	mg/kg	ND	0.0663	0.0653	0.0416	0.0386	62.7	59.1	17.0-149	7.48	38	
Heptachlor	mg/kg	ND	0.0663	0.0653	0.0476	0.0414	71.8	63.4	22.0-138	13.9	37	
Heptachlor epoxide	mg/kg	ND	0.0663	0.0653	0.0413	0.0352	62.3	53.9	22.0-138	15.9	36	
Hexachlorobenzene	mg/kg	ND	0.0663	0.0653	0.0461	0.0458	69.5	70.1	25.0-126	0.653	35	
Methoxychlor	mg/kg	ND	0.0663	0.0653	0.0423	0.0436	63.8	66.8	10.0-159	3.03	40	
Decachlorobiphenyl (S)	%						49.5	42.3	10.0-135			
Tetrachloro-m-xylene (S)	%						60.5	75.5	10.0-139			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 1712458
QC Batch Method: 3546/3665A
Analysis Method: EPA 8082
Analysis Description: PCBs(GC) 8082
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214890001, 20214890002, 20214890003

METHOD BLANK: R3685903-2 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.0340	07/29/21 15:17	
PCB-1221 (Aroclor 1221)	mg/kg	ND	0.0340	07/29/21 15:17	
PCB-1232 (Aroclor 1232)	mg/kg	ND	0.0340	07/29/21 15:17	
PCB-1242 (Aroclor 1242)	mg/kg	ND	0.0340	07/29/21 15:17	
PCB-1248 (Aroclor 1248)	mg/kg	ND	0.0170	07/29/21 15:17	
PCB-1254 (Aroclor 1254)	mg/kg	ND	0.0170	07/29/21 15:17	
PCB-1260 (Aroclor 1260)	mg/kg	ND	0.0170	07/29/21 15:17	
Decachlorobiphenyl (S)	%	64.3	10.0-135	07/29/21 15:17	
Tetrachloro-m-xylene (S)	%	55.9	10.0-139	07/29/21 15:17	

LABORATORY CONTROL SAMPLE: R3685903-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1260 (Aroclor 1260)	mg/kg	0.167	0.0651	39.0	37.0-145	
PCB-1016 (Aroclor 1016)	mg/kg	0.167	0.0608	36.4	36.0-141	
Decachlorobiphenyl (S)	%			36.6	10.0-135	
Tetrachloro-m-xylene (S)	%			32.1	10.0-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3685903-3 R3685903-4

Parameter	Units	L1380670-45 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1260 (Aroclor 1260)	mg/kg	ND	0.167	0.167	0.0964	0.0973	57.7	58.3	10.0-160	0.929	38	
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.167	0.167	0.0894	0.0814	53.5	48.7	10.0-160	9.37	37	P9
Decachlorobiphenyl (S)	%						54.1	49.2	10.0-135			
Tetrachloro-m-xylene (S)	%						63.7	53.6	10.0-139			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 1713319
QC Batch Method: 3546/3665A
Analysis Method: EPA 8082
Analysis Description: PCBs(GC) 8082
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214890004, 20214890005, 20214890006

METHOD BLANK: R3685877-1 Matrix: Solid
Associated Lab Samples: 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.0340	07/30/21 11:20	
PCB-1221 (Aroclor 1221)	mg/kg	ND	0.0340	07/30/21 11:20	
PCB-1232 (Aroclor 1232)	mg/kg	ND	0.0340	07/30/21 11:20	
PCB-1242 (Aroclor 1242)	mg/kg	ND	0.0340	07/30/21 11:20	
PCB-1248 (Aroclor 1248)	mg/kg	ND	0.0170	07/30/21 11:20	
PCB-1254 (Aroclor 1254)	mg/kg	ND	0.0170	07/30/21 11:20	
PCB-1260 (Aroclor 1260)	mg/kg	ND	0.0170	07/30/21 11:20	
Decachlorobiphenyl (S)	%	76.7	10.0-135	07/30/21 11:20	
Tetrachloro-m-xylene (S)	%	78.7	10.0-139	07/30/21 11:20	

LABORATORY CONTROL SAMPLE: R3685877-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1260 (Aroclor 1260)	mg/kg	0.167	0.112	67.1	37.0-145	
PCB-1016 (Aroclor 1016)	mg/kg	0.167	0.113	67.7	36.0-141	
Decachlorobiphenyl (S)	%			64.0	10.0-135	
Tetrachloro-m-xylene (S)	%			65.3	10.0-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3685877-3 R3685877-4

Parameter	Units	L1381949-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1260 (Aroclor 1260)	mg/kg	ND	0.167	0.167	0.242	0.141	145	84.4	10.0-160	52.7	38	P9,R1
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.167	0.167	16.0	21.4	9580	12800	10.0-160	28.9	37	MH,P9
Decachlorobiphenyl (S)	%						75.1	57.8	10.0-135			
Tetrachloro-m-xylene (S)	%						68.6	60.8	10.0-139			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 1709663
QC Batch Method: 8151A
Analysis Method: EPA 8151
Analysis Description: Chlorinated Herb. (GC) 8151
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004

METHOD BLANK: R3684093-1 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4-D	mg/kg	ND	0.0700	07/26/21 12:41	
Dalapon	mg/kg	ND	0.0700	07/26/21 12:41	
2,4-DB	mg/kg	ND	0.0700	07/26/21 12:41	
Dicamba	mg/kg	ND	0.0700	07/26/21 12:41	
Dichloroprop	mg/kg	ND	0.0700	07/26/21 12:41	
Dinoseb	mg/kg	ND	0.0700	07/26/21 12:41	
MCPA	mg/kg	ND	6.50	07/26/21 12:41	
MCPP	mg/kg	ND	6.50	07/26/21 12:41	
2,4,5-T	mg/kg	ND	0.0700	07/26/21 12:41	
2,4,5-TP (Silvex)	mg/kg	ND	0.0700	07/26/21 12:41	
2,4-DCAA (S)	%	76.6	22.0-132	07/26/21 12:41	

LABORATORY CONTROL SAMPLE: R3684093-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-D	mg/kg	0.167	0.128	76.6	40.0-120	
Dalapon	mg/kg	0.167	0.110	65.9	15.0-120	
2,4-DB	mg/kg	0.167	0.137	82.0	25.0-143	P9
Dicamba	mg/kg	0.167	0.145	86.8	43.0-120	
Dichloroprop	mg/kg	0.167	0.140	83.8	32.0-129	
Dinoseb	mg/kg	0.167	0.108	64.7	10.0-120	
MCPA	mg/kg	1.67	2.13	128	31.0-121	E,L0
MCPP	mg/kg	1.67	3.17	190	28.0-133	L0
2,4,5-T	mg/kg	0.167	0.122	73.1	41.0-120	P9
2,4,5-TP (Silvex)	mg/kg	0.167	0.142	85.0	42.0-120	
2,4-DCAA (S)	%			77.8	22.0-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684093-3 R3684093-4

Parameter	Units	L1380877-11 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-D	mg/kg	ND	0.166	0.166	0.131	0.135	78.9	81.3	10.0-160	3.01	24	
Dalapon	mg/kg	ND	0.166	0.166	0.110	0.115	66.3	69.3	10.0-121	4.44	27	
2,4-DB	mg/kg	ND	0.166	0.166	0.114	0.120	68.7	72.3	10.0-160	5.13	22	
Dicamba	mg/kg	ND	0.166	0.166	0.136	0.141	81.9	84.9	10.0-154	3.61	21	
Dichloroprop	mg/kg	ND	0.166	0.166	0.122	0.126	73.5	75.9	10.0-158	3.23	20	
Dinoseb	mg/kg	ND	0.166	0.166	0.0840	0.0822	50.6	49.5	10.0-120	2.17	40	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684093-3 R3684093-4

Parameter	Units	L1380877-11 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
MCPA	mg/kg	ND	1.66	1.66	1.01	1.02	60.8	61.4	10.0-160	0.985	40	
MCPP	mg/kg	ND	1.66	1.66	1.62	1.11	97.6	66.9	10.0-160	37.4	40	
2,4,5-T	mg/kg	ND	0.166	0.166	0.108	0.114	65.1	68.7	10.0-157	5.41	20	
2,4,5-TP (Silvex)	mg/kg	ND	0.166	0.166	0.117	0.123	70.5	74.1	10.0-156	5.00	20	
2,4-DCAA (S)	%						74.7	79.5	22.0-132			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 1710931
QC Batch Method: 8151A
Analysis Method: EPA 8151
Analysis Description: Chlorinated Herb. (GC) 8151
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 20214890005, 20214890006

METHOD BLANK: R3684764-1 Matrix: Solid
Associated Lab Samples: 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4-D	mg/kg	ND	0.0700	07/28/21 06:54	
Dalapon	mg/kg	ND	0.0700	07/28/21 06:54	
2,4-DB	mg/kg	ND	0.0700	07/28/21 06:54	
Dicamba	mg/kg	ND	0.0700	07/28/21 06:54	
Dichloroprop	mg/kg	ND	0.0700	07/28/21 06:54	
Dinoseb	mg/kg	ND	0.0700	07/28/21 06:54	
MCPA	mg/kg	ND	6.50	07/28/21 06:54	
MCPP	mg/kg	ND	6.50	07/28/21 06:54	
2,4,5-T	mg/kg	ND	0.0700	07/28/21 06:54	
2,4,5-TP (Silvex)	mg/kg	ND	0.0700	07/28/21 06:54	
2,4-DCAA (S)	%	54.9	22.0-132	07/28/21 06:54	

LABORATORY CONTROL SAMPLE: R3684764-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-D	mg/kg	0.167	0.120	71.9	40.0-120	
Dalapon	mg/kg	0.167	0.103	61.7	15.0-120	
2,4-DB	mg/kg	0.167	0.128	76.6	25.0-143	
Dicamba	mg/kg	0.167	0.135	80.8	43.0-120	
Dichloroprop	mg/kg	0.167	0.131	78.4	32.0-129	
Dinoseb	mg/kg	0.167	0.0985	59.0	10.0-120	
MCPA	mg/kg	1.67	1.33	79.6	31.0-121	E
MCPP	mg/kg	1.67	1.72	103	28.0-133	
2,4,5-T	mg/kg	0.167	0.116	69.5	41.0-120	
2,4,5-TP (Silvex)	mg/kg	0.167	0.136	81.4	42.0-120	
2,4-DCAA (S)	%			70.7	22.0-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684764-3 R3684764-4

Parameter	Units	L1381240-08 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-D	mg/kg	ND	0.165	0.166	0.115	0.102	69.7	61.4	10.0-160	12.0	24	
Dalapon	mg/kg	ND	0.165	0.166	0.0974	0.0903	59.0	54.4	10.0-121	7.57	27	
2,4-DB	mg/kg	ND	0.165	0.166	0.119	0.104	72.1	62.7	10.0-160	13.5	22	
Dicamba	mg/kg	ND	0.165	0.166	0.130	0.116	78.8	69.9	10.0-154	11.4	21	
Dichloroprop	mg/kg	ND	0.165	0.166	0.127	0.108	77.0	65.1	10.0-158	16.2	20	
Dinoseb	mg/kg	ND	0.165	0.166	0.0851	0.0790	51.6	47.6	10.0-120	7.43	40	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3684764-3 R3684764-4

Parameter	Units	L1381240-08 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
MCPA	mg/kg	ND	1.65	1.66	1.59	1.48	96.4	89.2	10.0-160	7.17	40	E
MCPP	mg/kg	ND	1.65	1.66	2.42	2.09	147	126	10.0-160	14.6	40	
2,4,5-T	mg/kg	ND	0.165	0.166	0.109	0.0977	66.1	58.9	10.0-157	10.9	20	
2,4,5-TP (Silvex)	mg/kg	ND	0.165	0.166	0.126	0.110	76.4	66.3	10.0-156	13.6	20	
2,4-DCAA (S)	%						67.9	63.9	22.0-132			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 231395
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

METHOD BLANK: 1088530 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.020	07/19/21 12:37	

LABORATORY CONTROL SAMPLE: 1088531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.1	0.099	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1088532 1088533

Parameter	Units	20214736001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	5.2	0.23	0.19	5.6	6.4	181	644	75-125	14	20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 231394
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

METHOD BLANK: 1088526 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	07/19/21 14:55	
Barium	mg/kg	ND	20.0	07/19/21 14:55	
Cadmium	mg/kg	ND	0.50	07/19/21 14:55	
Chromium	mg/kg	ND	1.0	07/19/21 14:55	
Lead	mg/kg	ND	0.50	07/19/21 14:55	
Selenium	mg/kg	ND	2.0	07/19/21 14:55	
Silver	mg/kg	ND	1.0	07/19/21 14:55	

LABORATORY CONTROL SAMPLE: 1088527

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	100	100	84-115	
Barium	mg/kg	100	106	106	85-115	
Cadmium	mg/kg	100	100	100	85-115	
Chromium	mg/kg	100	105	105	85-115	
Lead	mg/kg	100	101	101	85-115	
Selenium	mg/kg	100	96.2	96	77-115	
Silver	mg/kg	50	50.2	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1088528 1088529

Parameter	Units	20214736001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	30.7	132	200	161	236	99	103	80-120	38	20	R1
Barium	mg/kg	<226	132	200	170	248	113	113	80-120	37	20	R1
Cadmium	mg/kg	13.5	132	200	145	221	100	104	80-120	41	20	R1
Chromium	mg/kg	305	132	200	431	509	95	102	80-120	17	20	
Lead	mg/kg	51.1	132	200	171	253	91	101	80-120	39	20	R1
Selenium	mg/kg	<22.6	132	200	135	212	97	102	80-120	44	20	R1
Silver	mg/kg	<11.3	66	100	61.6	102	91	101	80-120	50	20	R1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 231884 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV 5035 Low Level
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

METHOD BLANK: 1090784 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1-Dichloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,1-Dichloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	07/22/21 14:43	
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.0050	07/22/21 14:43	
1,2-Dichloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
1,2-Dichloropropane	mg/kg	ND	0.0050	07/22/21 14:43	
2-Butanone (MEK)	mg/kg	ND	0.010	07/22/21 14:43	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.010	07/22/21 14:43	
Acetone	mg/kg	ND	0.010	07/22/21 14:43	
Benzene	mg/kg	ND	0.0050	07/22/21 14:43	
Bromodichloromethane	mg/kg	ND	0.0050	07/22/21 14:43	
Bromoform	mg/kg	ND	0.0050	07/22/21 14:43	
Bromomethane	mg/kg	ND	0.0050	07/22/21 14:43	
Carbon disulfide	mg/kg	ND	0.0050	07/22/21 14:43	
Carbon tetrachloride	mg/kg	ND	0.0050	07/22/21 14:43	
Chlorobenzene	mg/kg	ND	0.0050	07/22/21 14:43	
Chloroethane	mg/kg	ND	0.0050	07/22/21 14:43	
Chloroform	mg/kg	ND	0.0050	07/22/21 14:43	
Chloromethane	mg/kg	ND	0.0050	07/22/21 14:43	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	07/22/21 14:43	
Dibromochloromethane	mg/kg	ND	0.0050	07/22/21 14:43	
Ethylbenzene	mg/kg	ND	0.0050	07/22/21 14:43	
Isobutanol	mg/kg	ND	0.25	07/22/21 14:43	
m&p-Xylene	mg/kg	ND	0.010	07/22/21 14:43	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	07/22/21 14:43	
Methylene Chloride	mg/kg	ND	0.0050	07/22/21 14:43	
o-Xylene	mg/kg	ND	0.0050	07/22/21 14:43	
Styrene	mg/kg	ND	0.0050	07/22/21 14:43	
Tetrachloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
Toluene	mg/kg	ND	0.0050	07/22/21 14:43	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	07/22/21 14:43	
Trichloroethene	mg/kg	ND	0.0050	07/22/21 14:43	
Trichlorofluoromethane	mg/kg	ND	0.0050	07/22/21 14:43	
Vinyl chloride	mg/kg	ND	0.0020	07/22/21 14:43	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

METHOD BLANK: 1090784 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	101	64-139	07/22/21 14:43	
Dibromofluoromethane (S)	%.	100	66-143	07/22/21 14:43	
Toluene-d8 (S)	%.	99	75-125	07/22/21 14:43	

LABORATORY CONTROL SAMPLE: 1090785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.055	110	72-121	
1,1,1-Trichloroethane	mg/kg	0.05	0.055	110	76-126	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.057	115	65-129	
1,1,2-Trichloroethane	mg/kg	0.05	0.053	105	75-121	
1,1-Dichloroethane	mg/kg	0.05	0.054	107	71-127	
1,1-Dichloroethene	mg/kg	0.05	0.051	103	63-130	
1,2,4-Trichlorobenzene	mg/kg	0.05	0.055	110	67-123	
1,2-Dibromo-3-chloropropane	mg/kg	0.05	0.055	111	59-131	
1,2-Dichloroethane	mg/kg	0.05	0.055	110	65-131	
1,2-Dichloropropane	mg/kg	0.05	0.054	107	72-125	
2-Butanone (MEK)	mg/kg	0.05	0.054	107	34-170	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.05	0.050	100	58-141	
Acetone	mg/kg	0.05	0.062	124	16-192	
Benzene	mg/kg	0.05	0.053	106	74-132	
Bromodichloromethane	mg/kg	0.05	0.053	107	73-117	
Bromoform	mg/kg	0.05	0.054	108	58-132	
Bromomethane	mg/kg	0.05	0.054	108	47-157	
Carbon disulfide	mg/kg	0.05	0.049	97	52-145	
Carbon tetrachloride	mg/kg	0.05	0.054	108	68-129	
Chlorobenzene	mg/kg	0.05	0.054	108	79-121	
Chloroethane	mg/kg	0.05	0.056	111	34-160	
Chloroform	mg/kg	0.05	0.053	106	70-120	
Chloromethane	mg/kg	0.05	0.060	119	44-142	
cis-1,2-Dichloroethene	mg/kg	0.05	0.054	107	71-124	
cis-1,3-Dichloropropene	mg/kg	0.05	0.052	105	77-121	
Dibromochloromethane	mg/kg	0.05	0.052	104	67-122	
Ethylbenzene	mg/kg	0.05	0.053	107	79-116	
m&p-Xylene	mg/kg	0.1	0.11	105	78-119	
Methyl-tert-butyl ether	mg/kg	0.05	0.055	110	58-135	
Methylene Chloride	mg/kg	0.05	0.053	106	49-145	
o-Xylene	mg/kg	0.05	0.053	106	77-121	
Styrene	mg/kg	0.05	0.053	107	81-123	
Tetrachloroethene	mg/kg	0.05	0.052	103	62-138	
Toluene	mg/kg	0.05	0.051	101	79-120	
trans-1,2-Dichloroethene	mg/kg	0.05	0.052	104	68-125	
trans-1,3-Dichloropropene	mg/kg	0.05	0.053	105	77-121	
Trichloroethene	mg/kg	0.05	0.053	106	77-117	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

LABORATORY CONTROL SAMPLE: 1090785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichlorofluoromethane	mg/kg	0.05	0.052	104	45-164	
Vinyl chloride	mg/kg	0.05	0.054	108	48-130	
4-Bromofluorobenzene (S)	%.			99	64-139	
Dibromofluoromethane (S)	%.			103	66-143	
Toluene-d8 (S)	%.			97	75-125	

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REPORT OF LABORATORY ANALYSIS

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St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 231827
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890007

METHOD BLANK: 1090568 Matrix: Water
Associated Lab Samples: 20214890007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	ND	0.0010	07/22/21 11:15	
1,1,1-Trichloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,1,2,2-Tetrachloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,1,2-Trichloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,1-Dichloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,1-Dichloroethene	mg/L	ND	0.00050	07/22/21 11:15	
1,2,4-Trichlorobenzene	mg/L	ND	0.0020	07/22/21 11:15	
1,2-Dibromo-3-chloropropane	mg/L	ND	0.00020	07/22/21 11:15	
1,2-Dichloroethane	mg/L	ND	0.00050	07/22/21 11:15	
1,2-Dichloropropane	mg/L	ND	0.00050	07/22/21 11:15	
2-Butanone (MEK)	mg/L	ND	0.0020	07/22/21 11:15	
4-Methyl-2-pentanone (MIBK)	mg/L	ND	0.0010	07/22/21 11:15	
Acetone	mg/L	ND	0.0040	07/22/21 11:15	
Benzene	mg/L	ND	0.00050	07/22/21 11:15	
Bromodichloromethane	mg/L	ND	0.00050	07/22/21 11:15	
Bromoform	mg/L	ND	0.0010	07/22/21 11:15	
Bromomethane	mg/L	ND	0.00050	07/22/21 11:15	
Carbon disulfide	mg/L	ND	0.0010	07/22/21 11:15	
Carbon tetrachloride	mg/L	ND	0.00050	07/22/21 11:15	
Chlorobenzene	mg/L	ND	0.00050	07/22/21 11:15	
Chloroethane	mg/L	ND	0.00050	07/22/21 11:15	
Chloroform	mg/L	ND	0.00050	07/22/21 11:15	
Chloromethane	mg/L	ND	0.00050	07/22/21 11:15	
cis-1,2-Dichloroethene	mg/L	ND	0.0010	07/22/21 11:15	
cis-1,3-Dichloropropene	mg/L	ND	0.00050	07/22/21 11:15	
Dibromochloromethane	mg/L	ND	0.00050	07/22/21 11:15	
Ethylbenzene	mg/L	ND	0.00050	07/22/21 11:15	
Isobutanol	mg/L	ND	0.050	07/22/21 11:15	
m&p-Xylene	mg/L	ND	0.0020	07/22/21 11:15	
Methyl-tert-butyl ether	mg/L	ND	0.00050	07/22/21 11:15	
Methylene Chloride	mg/L	ND	0.00050	07/22/21 11:15	
o-Xylene	mg/L	ND	0.0010	07/22/21 11:15	
Styrene	mg/L	ND	0.0010	07/22/21 11:15	
Tetrachloroethene	mg/L	ND	0.00050	07/22/21 11:15	
Toluene	mg/L	ND	0.00050	07/22/21 11:15	
trans-1,2-Dichloroethene	mg/L	ND	0.00050	07/22/21 11:15	
trans-1,3-Dichloropropene	mg/L	ND	0.00050	07/22/21 11:15	
Trichloroethene	mg/L	ND	0.00050	07/22/21 11:15	
Trichlorofluoromethane	mg/L	ND	0.0010	07/22/21 11:15	
Vinyl chloride	mg/L	ND	0.00050	07/22/21 11:15	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

METHOD BLANK: 1090568 Matrix: Water
Associated Lab Samples: 20214890007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	102	68-124	07/22/21 11:15	
Dibromofluoromethane (S)	%.	103	72-126	07/22/21 11:15	
Toluene-d8 (S)	%.	100	79-119	07/22/21 11:15	

LABORATORY CONTROL SAMPLE: 1090569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	0.05	0.046	93	66-134	
1,1,1-Trichloroethane	mg/L	0.05	0.055	110	62-131	
1,1,2,2-Tetrachloroethane	mg/L	0.05	0.056	112	15-179	
1,1,2-Trichloroethane	mg/L	0.05	0.050	101	58-144	
1,1-Dichloroethane	mg/L	0.05	0.052	104	63-129	
1,1-Dichloroethene	mg/L	0.05	0.053	106	51-139	
1,2,4-Trichlorobenzene	mg/L	0.05	0.050	100	50-135	
1,2-Dibromo-3-chloropropane	mg/L	0.05	0.050	101	21-160	
1,2-Dichloroethane	mg/L	0.05	0.052	103	57-148	
1,2-Dichloropropane	mg/L	0.05	0.055	109	66-128	
2-Butanone (MEK)	mg/L	0.05	0.054	107	32-183	
4-Methyl-2-pentanone (MIBK)	mg/L	0.05	0.055	110	26-171	
Acetone	mg/L	0.05	0.068	135	22-165	
Benzene	mg/L	0.05	0.054	108	62-131	
Bromodichloromethane	mg/L	0.05	0.056	111	69-132	
Bromoform	mg/L	0.05	0.045	90	35-166	
Bromomethane	mg/L	0.05	0.045	91	34-158	
Carbon disulfide	mg/L	0.05	0.054	108	31-128	
Carbon tetrachloride	mg/L	0.05	0.053	106	54-144	
Chlorobenzene	mg/L	0.05	0.047	94	70-127	
Chloroethane	mg/L	0.05	0.049	97	17-195	
Chloroform	mg/L	0.05	0.051	103	73-134	
Chloromethane	mg/L	0.05	0.043	86	17-153	
cis-1,2-Dichloroethene	mg/L	0.05	0.050	100	68-129	
cis-1,3-Dichloropropene	mg/L	0.05	0.059	119	72-138	
Dibromochloromethane	mg/L	0.05	0.049	99	49-146	
Ethylbenzene	mg/L	0.05	0.051	102	66-126	
m&p-Xylene	mg/L	0.1	0.10	101	65-129	
Methyl-tert-butyl ether	mg/L	0.05	0.065	129	37-166	
Methylene Chloride	mg/L	0.05	0.052	103	46-168	
o-Xylene	mg/L	0.05	0.050	100	65-124	
Styrene	mg/L	0.05	0.050	100	72-133	
Tetrachloroethene	mg/L	0.05	0.048	95	46-157	
Toluene	mg/L	0.05	0.050	99	69-126	
trans-1,2-Dichloroethene	mg/L	0.05	0.051	101	60-129	
trans-1,3-Dichloropropene	mg/L	0.05	0.057	114	59-149	
Trichloroethene	mg/L	0.05	0.050	101	67-132	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

LABORATORY CONTROL SAMPLE: 1090569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichlorofluoromethane	mg/L	0.05	0.048	95	39-171	
Vinyl chloride	mg/L	0.05	0.051	102	27-149	
4-Bromofluorobenzene (S)	%.			97	68-124	
Dibromofluoromethane (S)	%.			101	72-126	
Toluene-d8 (S)	%.			99	79-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1090570 1090571

Parameter	Units	20214733012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/L	ND	0.05	0.05	0.052	0.050	104	100	66-136	4	20	
1,1,1-Trichloroethane	mg/L	ND	0.05	0.05	0.064	0.060	128	121	54-137	6	20	
1,1,2,2-Tetrachloroethane	mg/L	ND	0.05	0.05	0.066	0.065	132	130	15-187	2	20	
1,1,2-Trichloroethane	mg/L	ND	0.05	0.05	0.058	0.055	116	111	59-148	4	20	
1,1-Dichloroethane	mg/L	ND	0.05	0.05	0.060	0.057	120	114	59-133	5	20	
1,1-Dichloroethene	mg/L	ND	0.05	0.05	0.062	0.059	123	117	44-146	5	20	
1,2,4-Trichlorobenzene	mg/L	ND	0.05	0.05	0.057	0.058	115	116	39-153	1	20	
1,2-Dibromo-3-chloropropane	mg/L	ND	0.05	0.05	0.060	0.061	120	123	23-166	2	20	
1,2-Dichloroethane	mg/L	ND	0.05	0.05	0.060	0.057	120	115	56-154	5	20	
1,2-Dichloropropane	mg/L	ND	0.05	0.05	0.063	0.060	125	120	62-135	4	20	
2-Butanone (MEK)	mg/L	ND	0.05	0.05	0.060	0.061	119	119	20-205	0	20	
4-Methyl-2-pentanone (MIBK)	mg/L	ND	0.05	0.05	0.063	0.062	127	123	23-184	3	20	
Acetone	mg/L	5.0 ug/L	0.05	0.05	0.069	0.069	129	128	11-217	1	20	
Benzene	mg/L	ND	0.05	0.05	0.061	0.058	122	117	52-141	5	20	
Bromodichloromethane	mg/L	ND	0.05	0.05	0.064	0.062	129	124	70-134	4	20	
Bromoform	mg/L	ND	0.05	0.05	0.051	0.050	103	100	37-171	3	20	
Bromomethane	mg/L	ND	0.05	0.05	0.052	0.050	105	100	34-155	5	20	
Carbon disulfide	mg/L	ND	0.05	0.05	0.066	0.059	133	117	28-130	12	20	M1
Carbon tetrachloride	mg/L	ND	0.05	0.05	0.062	0.060	125	119	48-146	5	20	
Chlorobenzene	mg/L	ND	0.05	0.05	0.053	0.051	106	101	67-129	4	20	
Chloroethane	mg/L	ND	0.05	0.05	0.056	0.054	113	108	12-192	4	20	
Chloroform	mg/L	ND	0.05	0.05	0.058	0.056	116	112	66-143	4	20	
Chloromethane	mg/L	ND	0.05	0.05	0.049	0.048	98	96	14-155	3	20	
cis-1,2-Dichloroethene	mg/L	ND	0.05	0.05	0.056	0.054	112	108	56-141	4	20	
cis-1,3-Dichloropropene	mg/L	ND	0.05	0.05	0.064	0.062	128	123	70-139	4	20	
Dibromochloromethane	mg/L	ND	0.05	0.05	0.056	0.054	113	108	50-150	4	20	
Ethylbenzene	mg/L	ND	0.05	0.05	0.058	0.055	116	110	57-135	5	20	
m&p-Xylene	mg/L	ND	0.1	0.1	0.11	0.11	115	109	56-136	5	20	
Methyl-tert-butyl ether	mg/L	ND	0.05	0.05	0.074	0.073	148	147	35-176	1	20	
Methylene Chloride	mg/L	ND	0.05	0.05	0.056	0.054	111	108	45-166	3	20	
o-Xylene	mg/L	ND	0.05	0.05	0.056	0.053	111	106	57-133	5	20	
Styrene	mg/L	ND	0.05	0.05	0.056	0.053	112	105	58-144	6	20	
Tetrachloroethene	mg/L	ND	0.05	0.05	0.053	0.050	106	101	48-143	5	20	
Toluene	mg/L	ND	0.05	0.05	0.056	0.053	111	105	59-136	5	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1090570 1090571

Parameter	Units	20214733012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	mg/L	ND	0.05	0.05	0.058	0.054	115	107	57-132	7	20	
trans-1,3-Dichloropropene	mg/L	ND	0.05	0.05	0.064	0.061	128	122	59-154	4	20	
Trichloroethene	mg/L	1.2 ug/L	0.05	0.05	0.059	0.056	116	110	58-140	5	20	
Trichlorofluoromethane	mg/L	ND	0.05	0.05	0.057	0.054	115	108	24-175	5	20	
Vinyl chloride	mg/L	ND	0.05	0.05	0.062	0.058	123	117	21-150	6	20	
4-Bromofluorobenzene (S)	%.						97	99	68-124			
Dibromofluoromethane (S)	%.						103	103	72-126			
Toluene-d8 (S)	%.						98	97	79-119			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 231921
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

METHOD BLANK: 1090980 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aniline	mg/kg	ND	0.050	07/23/21 10:54	
Dinoseb	mg/kg	ND	0.10	07/23/21 10:54	
2-Fluorobiphenyl (S)	%.	69	10-150	07/23/21 10:54	
Terphenyl-d14 (S)	%.	73	10-147	07/23/21 10:54	

LABORATORY CONTROL SAMPLE: 1090981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aniline	mg/kg	0.067	.036J	54	30-150	
Dinoseb	mg/kg	0.067	.028J	43	30-150	
2-Fluorobiphenyl (S)	%.			81	10-150	
Terphenyl-d14 (S)	%.			82	10-147	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1090982 1090983

Parameter	Units	20214890001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	mg/kg	ND	0.066	0.066	.033J	.035J	46	49	10-170		20	
Dinoseb	mg/kg	ND	0.066	0.066	.021J	.017J	32	25	10-170		20	
2-Fluorobiphenyl (S)	%.						96	94	10-150			
Terphenyl-d14 (S)	%.						102	99	10-147			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 231531
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

METHOD BLANK: 1089019 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	mg/kg	ND	0.33	07/20/21 09:18	
1,2-Dichlorobenzene	mg/kg	ND	0.33	07/20/21 09:18	
1,3-Dichlorobenzene	mg/kg	ND	0.33	07/20/21 09:18	
1,3-Dinitrobenzene	mg/kg	ND	0.16	07/20/21 09:18	
1,4-Dichlorobenzene	mg/kg	ND	0.33	07/20/21 09:18	
2,2'-Oxybis(1-chloropropane)	mg/kg	ND	0.33	07/20/21 09:18	
2,3,4,6-Tetrachlorophenol	mg/kg	ND	0.33	07/20/21 09:18	
2,4,5-Trichlorophenol	mg/kg	ND	0.33	07/20/21 09:18	
2,4,6-Trichlorophenol	mg/kg	ND	0.33	07/20/21 09:18	
2,4-Dichlorophenol	mg/kg	ND	0.33	07/20/21 09:18	
2,4-Dimethylphenol	mg/kg	ND	0.33	07/20/21 09:18	
2,4-Dinitrophenol	mg/kg	ND	0.83	07/20/21 09:18	
2,4-Dinitrotoluene	mg/kg	ND	0.33	07/20/21 09:18	
2,6-Dinitrotoluene	mg/kg	ND	0.33	07/20/21 09:18	
2-Chloronaphthalene	mg/kg	ND	0.33	07/20/21 09:18	
2-Chlorophenol	mg/kg	ND	0.33	07/20/21 09:18	
2-Methylnaphthalene	mg/kg	ND	0.33	07/20/21 09:18	
2-Nitroaniline	mg/kg	ND	0.33	07/20/21 09:18	
3&4-Chloroaniline	mg/kg	ND	0.33	07/20/21 09:18	
3,3'-Dichlorobenzidine	mg/kg	ND	0.67	07/20/21 09:18	
3-Nitroaniline	mg/kg	ND	0.33	07/20/21 09:18	
4-Nitroaniline	mg/kg	ND	0.33	07/20/21 09:18	
4-Nitrophenol	mg/kg	ND	0.33	07/20/21 09:18	
Acenaphthene	mg/kg	ND	0.33	07/20/21 09:18	
Acenaphthylene	mg/kg	ND	0.33	07/20/21 09:18	
Anthracene	mg/kg	ND	0.33	07/20/21 09:18	
Benzo(a)anthracene	mg/kg	ND	0.33	07/20/21 09:18	
Benzo(a)pyrene	mg/kg	ND	0.33	07/20/21 09:18	
Benzo(b)fluoranthene	mg/kg	ND	0.33	07/20/21 09:18	
Benzo(k)fluoranthene	mg/kg	ND	0.33	07/20/21 09:18	
Biphenyl (Diphenyl)	mg/kg	ND	0.33	07/20/21 09:18	
bis(2-Chloroethyl) ether	mg/kg	ND	0.33	07/20/21 09:18	
bis(2-Ethylhexyl)phthalate	mg/kg	ND	0.33	07/20/21 09:18	
Butylbenzylphthalate	mg/kg	ND	0.33	07/20/21 09:18	
Chrysene	mg/kg	ND	0.33	07/20/21 09:18	
Di-n-octylphthalate	mg/kg	ND	0.33	07/20/21 09:18	
Dibenz(a,h)anthracene	mg/kg	ND	0.33	07/20/21 09:18	
Dibenzofuran	mg/kg	ND	0.33	07/20/21 09:18	
Diethylphthalate	mg/kg	ND	0.33	07/20/21 09:18	
Dimethylphthalate	mg/kg	ND	0.33	07/20/21 09:18	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

METHOD BLANK: 1089019 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Fluoranthene	mg/kg	ND	0.33	07/20/21 09:18	
Fluorene	mg/kg	ND	0.33	07/20/21 09:18	
Hexachloro-1,3-butadiene	mg/kg	ND	0.33	07/20/21 09:18	
Hexachlorobenzene	mg/kg	ND	0.33	07/20/21 09:18	
Hexachlorocyclopentadiene	mg/kg	ND	0.33	07/20/21 09:18	
Hexachloroethane	mg/kg	ND	0.33	07/20/21 09:18	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.33	07/20/21 09:18	
Isophorone	mg/kg	ND	0.33	07/20/21 09:18	
N-Nitroso-di-n-propylamine	mg/kg	ND	0.33	07/20/21 09:18	
N-Nitrosodiphenylamine	mg/kg	ND	0.33	07/20/21 09:18	
Naphthalene	mg/kg	ND	0.33	07/20/21 09:18	
Nitrobenzene	mg/kg	ND	0.33	07/20/21 09:18	
Pentachlorophenol	mg/kg	ND	0.33	07/20/21 09:18	
Phenanthrene	mg/kg	ND	0.33	07/20/21 09:18	
Phenol	mg/kg	ND	0.33	07/20/21 09:18	
Pyrene	mg/kg	ND	0.33	07/20/21 09:18	
2,4,6-Tribromophenol (S)	%.	57	10-138	07/20/21 09:18	
2-Fluorobiphenyl (S)	%.	72	10-129	07/20/21 09:18	
2-Fluorophenol (S)	%.	82	10-129	07/20/21 09:18	
Nitrobenzene-d5 (S)	%.	75	10-144	07/20/21 09:18	
Phenol-d6 (S)	%.	77	10-128	07/20/21 09:18	
Terphenyl-d14 (S)	%.	82	10-145	07/20/21 09:18	

LABORATORY CONTROL SAMPLE: 1089020

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	mg/kg	1.7	1.4	86	40-120	
1,2-Dichlorobenzene	mg/kg	1.7	1.4	84	47-102	
1,3-Dichlorobenzene	mg/kg	1.7	1.4	83	47-100	
1,3-Dinitrobenzene	mg/kg	1.7	1.5	89	40-114	
1,4-Dichlorobenzene	mg/kg	1.7	1.4	83	47-100	
2,2'-Oxybis(1-chloropropane)	mg/kg	1.7	1.4	87	30-114	
2,3,4,6-Tetrachlorophenol	mg/kg	1.7	1.4	85	41-113	
2,4,5-Trichlorophenol	mg/kg	1.7	1.5	89	41-106	
2,4,6-Trichlorophenol	mg/kg	1.7	1.5	87	44-110	
2,4-Dichlorophenol	mg/kg	1.7	1.4	84	45-106	
2,4-Dimethylphenol	mg/kg	1.7	1.4	84	24-107	
2,4-Dinitrophenol	mg/kg	1.7	ND	34	10-112	
2,4-Dinitrotoluene	mg/kg	1.7	1.4	86	45-117	
2,6-Dinitrotoluene	mg/kg	1.7	1.4	87	47-113	
2-Chloronaphthalene	mg/kg	1.7	1.4	85	45-109	
2-Chlorophenol	mg/kg	1.7	1.4	84	46-102	
2-Methylnaphthalene	mg/kg	1.7	1.4	83	48-105	
2-Nitroaniline	mg/kg	1.7	1.5	90	35-122	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

LABORATORY CONTROL SAMPLE: 1089020

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3&4-Chloroaniline	mg/kg	1.7	1.1	69	33-123	
3,3'-Dichlorobenzidine	mg/kg	1.7	1.2	74	32-136	
3-Nitroaniline	mg/kg	1.7	1.2	73	36-122	
4-Nitroaniline	mg/kg	1.7	1.4	87	32-132	
4-Nitrophenol	mg/kg	1.7	1.3	80	31-125	
Acenaphthene	mg/kg	1.7	1.4	86	43-113	
Acenaphthylene	mg/kg	1.7	1.4	85	45-108	
Anthracene	mg/kg	1.7	1.4	85	46-120	
Benzo(a)anthracene	mg/kg	1.7	1.4	84	46-110	
Benzo(a)pyrene	mg/kg	1.7	1.4	85	46-122	
Benzo(b)fluoranthene	mg/kg	1.7	1.5	90	15-147	
Benzo(k)fluoranthene	mg/kg	1.7	1.4	85	22-138	
Biphenyl (Diphenyl)	mg/kg	1.7	1.4	85	46-111	
bis(2-Chloroethyl) ether	mg/kg	1.7	1.3	75	43-104	
bis(2-Ethylhexyl)phthalate	mg/kg	1.7	1.5	89	42-114	
Butylbenzylphthalate	mg/kg	1.7	1.5	88	44-113	
Chrysene	mg/kg	1.7	1.4	85	47-109	
Di-n-octylphthalate	mg/kg	1.7	1.6	94	10-167	
Dibenz(a,h)anthracene	mg/kg	1.7	1.4	85	16-139	
Dibenzofuran	mg/kg	1.7	1.4	85	46-109	
Diethylphthalate	mg/kg	1.7	1.4	87	44-113	
Dimethylphthalate	mg/kg	1.7	1.4	86	43-112	
Fluoranthene	mg/kg	1.7	1.4	86	48-111	
Fluorene	mg/kg	1.7	1.5	87	47-110	
Hexachloro-1,3-butadiene	mg/kg	1.7	1.4	84	45-112	
Hexachlorobenzene	mg/kg	1.7	1.4	85	46-111	
Hexachlorocyclopentadiene	mg/kg	1.7	1.2	70	10-107	
Hexachloroethane	mg/kg	1.7	1.4	85	47-105	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.4	86	34-130	
Isophorone	mg/kg	1.7	1.4	83	33-133	
N-Nitroso-di-n-propylamine	mg/kg	1.7	1.4	87	43-106	
N-Nitrosodiphenylamine	mg/kg	1.7	1.5	87	54-131	
Naphthalene	mg/kg	1.7	1.4	82	44-103	
Nitrobenzene	mg/kg	1.7	1.4	84	42-109	
Pentachlorophenol	mg/kg	1.7	1.2	72	22-115	
Phenanthrene	mg/kg	1.7	1.4	85	49-105	
Phenol	mg/kg	1.7	1.4	85	41-103	
Pyrene	mg/kg	1.7	1.4	87	44-110	
2,4,6-Tribromophenol (S)	%.			115	10-138	
2-Fluorobiphenyl (S)	%.			102	10-129	
2-Fluorophenol (S)	%.			107	10-129	
Nitrobenzene-d5 (S)	%.			99	10-144	
Phenol-d6 (S)	%.			102	10-128	
Terphenyl-d14 (S)	%.			106	10-145	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1089021 1089022

Parameter	Units	20214890006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4,5-Tetrachlorobenzene	mg/kg	ND	1.6	1.7	1.1	1.2	69	73	40-120	7	40	
1,2-Dichlorobenzene	mg/kg	ND	1.6	1.7	1.2	1.3	75	78	16-127	6	40	
1,3-Dichlorobenzene	mg/kg	ND	1.6	1.7	1.2	1.3	74	77	10-133	5	40	
1,3-Dinitrobenzene	mg/kg	ND	1.6	1.7	1.1	1.0	66	61	10-151	7	40	
1,4-Dichlorobenzene	mg/kg	ND	1.6	1.7	1.2	1.3	73	77	15-126	6	40	
2,2'-Oxybis(1-chloropropane)	mg/kg	ND	1.6	1.7	1.3	1.4	81	84	10-128	6	40	
2,3,4,6-Tetrachlorophenol	mg/kg	ND	1.6	1.7	1.2	1.2	71	74	10-133	4	40	
2,4,5-Trichlorophenol	mg/kg	ND	1.6	1.7	1.2	1.2	71	75	10-133	7	40	
2,4,6-Trichlorophenol	mg/kg	ND	1.6	1.7	1.2	1.3	74	79	10-139	8	40	
2,4-Dichlorophenol	mg/kg	ND	1.6	1.7	1.2	1.2	71	75	10-132	8	40	
2,4-Dimethylphenol	mg/kg	ND	1.6	1.7	1.2	1.2	72	75	10-136	5	40	
2,4-Dinitrophenol	mg/kg	ND	1.6	1.7	ND	ND	0	0	10-110		40	M1
2,4-Dinitrotoluene	mg/kg	ND	1.6	1.7	1.1	1.1	67	66	10-189	1	40	
2,6-Dinitrotoluene	mg/kg	ND	1.6	1.7	1.2	1.2	71	71	10-145	1	40	
2-Chloronaphthalene	mg/kg	ND	1.6	1.7	1.2	1.3	72	76	10-136	7	40	
2-Chlorophenol	mg/kg	ND	1.6	1.7	1.2	1.3	76	79	11-126	5	40	
2-Methylnaphthalene	mg/kg	ND	1.6	1.7	1.2	1.3	73	77	10-221	6	40	
2-Nitroaniline	mg/kg	ND	1.6	1.7	1.2	1.3	75	80	10-163	7	40	
3&4-Chloroaniline	mg/kg	ND	1.6	1.7	0.81	0.78	49	47	10-143	4	40	
3,3'-Dichlorobenzidine	mg/kg	ND	1.6	1.7	.44J	.51J	27	31	10-161		40	
3-Nitroaniline	mg/kg	ND	1.6	1.7	1.0	1.1	63	69	10-162	10	40	
4-Nitroaniline	mg/kg	ND	1.6	1.7	1.0	1.1	62	64	10-171	4	40	
4-Nitrophenol	mg/kg	ND	1.6	1.7	1.0	1.0	63	63	10-156	2	40	
Acenaphthene	mg/kg	ND	1.6	1.7	1.2	1.3	74	78	10-168	6	40	
Acenaphthylene	mg/kg	ND	1.6	1.7	1.2	1.3	72	76	10-133	6	40	
Anthracene	mg/kg	ND	1.6	1.7	1.2	1.3	72	76	10-185	6	40	
Benzo(a)anthracene	mg/kg	ND	1.6	1.7	1.2	1.4	75	82	10-131	10	40	
Benzo(a)pyrene	mg/kg	ND	1.6	1.7	1.3	1.4	78	82	10-169	7	40	
Benzo(b)fluoranthene	mg/kg	ND	1.6	1.7	1.7	1.8	103	107	10-152	6	40	
Benzo(k)fluoranthene	mg/kg	ND	1.6	1.7	1.9	1.9	113	114	10-177	2	40	
Biphenyl (Diphenyl)	mg/kg	ND	1.6	1.7	1.2	1.3	73	77	40-120	6	40	
bis(2-Chloroethyl) ether	mg/kg	ND	1.6	1.7	1.1	1.2	67	72	10-168	8	40	
bis(2-Ethylhexyl)phthalate	mg/kg	ND	1.6	1.7	2.5	2.8	155	169	10-154	10	40	M1
Butylbenzylphthalate	mg/kg	ND	1.6	1.7	2.4	2.8	144	169	10-142	17	40	M1
Chrysene	mg/kg	ND	1.6	1.7	1.2	1.3	73	80	10-130	11	40	
Di-n-octylphthalate	mg/kg	ND	1.6	1.7	5.7	5.8	347	353	10-199	3	40	M1
Dibenz(a,h)anthracene	mg/kg	ND	1.6	1.7	.5J	.6J	30	36	10-169		40	
Dibenzofuran	mg/kg	ND	1.6	1.7	1.2	1.3	72	76	11-134	6	40	
Diethylphthalate	mg/kg	ND	1.6	1.7	1.2	1.3	75	80	11-132	7	40	
Dimethylphthalate	mg/kg	ND	1.6	1.7	1.3	1.3	76	80	14-133	6	40	
Fluoranthene	mg/kg	ND	1.6	1.7	1.1	1.2	70	75	10-191	8	40	
Fluorene	mg/kg	ND	1.6	1.7	1.2	1.3	72	76	10-169	6	40	
Hexachloro-1,3-butadiene	mg/kg	ND	1.6	1.7	1.2	1.3	71	75	10-147	7	40	
Hexachlorobenzene	mg/kg	ND	1.6	1.7	1.1	1.2	67	73	10-135	10	40	
Hexachlorocyclopentadiene	mg/kg	ND	1.6	1.7	ND	ND	0	0	10-117		40	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1089021 1089022

Parameter	Units	20214890006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Hexachloroethane	mg/kg	ND	1.6	1.7	0.73	.61J	44	37	10-161		40	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	1.6	1.7	.51J	.6J	31	36	10-154		40	
Isophorone	mg/kg	ND	1.6	1.7	1.2	1.3	75	79	10-155	7	40	
N-Nitroso-di-n-propylamine	mg/kg	ND	1.6	1.7	1.3	1.4	79	82	10-139	5	40	
N-Nitrosodiphenylamine	mg/kg	ND	1.6	1.7	1.2	1.3	75	81	10-183	8	40	
Naphthalene	mg/kg	ND	1.6	1.7	1.2	1.3	73	78	10-263	7	40	
Nitrobenzene	mg/kg	ND	1.6	1.7	1.2	1.3	73	78	10-159	7	40	
Pentachlorophenol	mg/kg	ND	1.6	1.7	1.2	1.1	70	67	10-146	4	40	
Phenanthrene	mg/kg	ND	1.6	1.7	1.2	1.3	74	81	10-148	10	40	
Phenol	mg/kg	ND	1.6	1.7	1.2	1.3	75	77	10-143	4	40	D3
Pyrene	mg/kg	ND	1.6	1.7	2.3	2.8	138	168	10-151	21	40	M1
2,4,6-Tribromophenol (S)	%.						77	79	10-138			
2-Fluorobiphenyl (S)	%.						71	75	10-129			
2-Fluorophenol (S)	%.						81	81	10-129			
Nitrobenzene-d5 (S)	%.						72	76	10-144			
Phenol-d6 (S)	%.						76	78	10-128			
Terphenyl-d14 (S)	%.						135	160	10-145			S0

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 232215
QC Batch Method: EPA 1010
Analysis Method: EPA 1010
Analysis Description: 1010 Flash Point, Closed Cup
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

LABORATORY CONTROL SAMPLE: 1092449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Flashpoint	deg F		82.40			

SAMPLE DUPLICATE: 1092450

Parameter	Units	20214890006 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	>212	>212			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 232216 | Analysis Method: SW-846 7.3.4.2
QC Batch Method: SW-846 7.3.4.2 | Analysis Description: 734S Reactive Sulfide
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

METHOD BLANK: 1092451 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide, Reactive	mg/kg	ND	50.0	07/27/21 14:09	

LABORATORY CONTROL SAMPLE: 1092452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/kg	500	441	88	1-110	

MATRIX SPIKE SAMPLE: 1092454

Parameter	Units	20214794001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/kg	ND	500	441	84	1-110	

SAMPLE DUPLICATE: 1092453

Parameter	Units	20214794001 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide, Reactive	mg/kg	ND	ND		20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 232346
QC Batch Method: EPA 9095
Analysis Method: EPA 9095
Analysis Description: 9095 PAINT FILTER LIQUID TEST
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

SAMPLE DUPLICATE: 1093037

Parameter	Units	20214794001 Result	Dup Result	RPD	Max RPD	Qualifiers
Free Liquids		PASS	PASS			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA

Project: Desire 30058527.03.1
Pace Project No.: 20214890

QC Batch: 232217 | Analysis Method: SW-846 7.3.3.2
QC Batch Method: SW-846 7.3.3.2 | Analysis Description: 733C Reactive Cyanide
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

METHOD BLANK: 1092455 Matrix: Solid
Associated Lab Samples: 20214890001, 20214890002, 20214890003, 20214890004, 20214890005, 20214890006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide, Reactive	mg/kg	ND	25.0	07/27/21 15:17	

LABORATORY CONTROL SAMPLE: 1092456

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide, Reactive	mg/kg	100	ND	3	1-110	

MATRIX SPIKE SAMPLE: 1092458

Parameter	Units	20214794001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide, Reactive	mg/kg	ND	100	ND	3	1-110	

SAMPLE DUPLICATE: 1092457

Parameter	Units	20214794001 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide, Reactive	mg/kg	ND	ND		20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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St. Rose, LA 70087
(504)469-0333

QUALIFIERS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The Nelac Institute

SAMPLE QUALIFIERS

Sample: 20214890004

[1] Polychlorinated Biphenyls (GC) by Method 8082 - Surrogate failure due to matrix interference

Sample: 20214890005

[1] Polychlorinated Biphenyls (GC) by Method 8082 - Surrogate failure due to matrix interference

BATCH QUALIFIERS

Batch: 231890

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D4	Sample was diluted due to the presence of high levels of target analytes.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MH	Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
P9	RPD between the primary and confirmatory analysis exceeded 40%.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
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QUALIFIERS

Project: Desire 30058527.03.1
Pace Project No.: 20214890

ANALYTE QUALIFIERS

S0	Surrogate recovery outside laboratory control limits.
ST	Surrogate recovery was above laboratory control limits. Results may be biased high.

Pace Analytical Services, LLC
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(504)469-0333

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20214890001	**COMP-16**	3546/3665A	1714237	EPA 8081	1714237
20214890002	**COMP-17**	3546/3665A	1714237	EPA 8081	1714237
20214890003	**DUP**	3546/3665A	1714237	EPA 8081	1714237
20214890004	**COMP-18**	3546/3665A	1713319	EPA 8081	1713319
20214890005	**COMP-19**	3546/3665A	1713319	EPA 8081	1713319
20214890006	**COMP-20**	3546/3665A	1713319	EPA 8081	1713319
20214890001	**COMP-16**	3546/3665A	1712458	EPA 8082	1712458
20214890002	**COMP-17**	3546/3665A	1712458	EPA 8082	1712458
20214890003	**DUP**	3546/3665A	1712458	EPA 8082	1712458
20214890004	**COMP-18**	3546/3665A	1713319	EPA 8082	1713319
20214890005	**COMP-19**	3546/3665A	1713319	EPA 8082	1713319
20214890006	**COMP-20**	3546/3665A	1713319	EPA 8082	1713319
20214890001	**COMP-16**	8151A	1709663	EPA 8151	1709663
20214890002	**COMP-17**	8151A	1709663	EPA 8151	1709663
20214890003	**DUP**	8151A	1709663	EPA 8151	1709663
20214890004	**COMP-18**	8151A	1709663	EPA 8151	1709663
20214890005	**COMP-19**	8151A	1710931	EPA 8151	1710931
20214890006	**COMP-20**	8151A	1710931	EPA 8151	1710931
20214890001	**COMP-16**	EPA 3050	231394	EPA 6010	231473
20214890002	**COMP-17**	EPA 3050	231394	EPA 6010	231473
20214890003	**DUP**	EPA 3050	231394	EPA 6010	231473
20214890004	**COMP-18**	EPA 3050	231394	EPA 6010	231473
20214890005	**COMP-19**	EPA 3050	231394	EPA 6010	231473
20214890006	**COMP-20**	EPA 3050	231394	EPA 6010	231473
20214890001	**COMP-16**	EPA 7471	231395	EPA 7471	231472
20214890002	**COMP-17**	EPA 7471	231395	EPA 7471	231472
20214890003	**DUP**	EPA 7471	231395	EPA 7471	231472
20214890004	**COMP-18**	EPA 7471	231395	EPA 7471	231472
20214890005	**COMP-19**	EPA 7471	231395	EPA 7471	231472
20214890006	**COMP-20**	EPA 7471	231395	EPA 7471	231472
20214890001	**COMP-16**	EPA 3546	231921	EPA 8270 by SIM	231933
20214890002	**COMP-17**	EPA 3546	231921	EPA 8270 by SIM	231933
20214890003	**DUP**	EPA 3546	231921	EPA 8270 by SIM	231933
20214890004	**COMP-18**	EPA 3546	231921	EPA 8270 by SIM	231933
20214890005	**COMP-19**	EPA 3546	231921	EPA 8270 by SIM	231933
20214890006	**COMP-20**	EPA 3546	231921	EPA 8270 by SIM	231933
20214890001	**COMP-16**	EPA 3546	231531	EPA 8270	231538
20214890002	**COMP-17**	EPA 3546	231531	EPA 8270	231538
20214890003	**DUP**	EPA 3546	231531	EPA 8270	231538
20214890004	**COMP-18**	EPA 3546	231531	EPA 8270	231538
20214890005	**COMP-19**	EPA 3546	231531	EPA 8270	231538
20214890006	**COMP-20**	EPA 3546	231531	EPA 8270	231538
20214890001	**COMP-16**	EPA 5035/5030B	231884	EPA 8260	231890
20214890002	**COMP-17**	EPA 5035/5030B	231884	EPA 8260	231890

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1000 Riverbend Blvd - Suite F
St. Rose, LA 70087
(504)469-0333

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Desire 30058527.03.1
Pace Project No.: 20214890

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20214890003	**DUP**	EPA 5035/5030B	231884	EPA 8260	231890
20214890004	**COMP-18**	EPA 5035/5030B	231884	EPA 8260	231890
20214890005	**COMP-19**	EPA 5035/5030B	231884	EPA 8260	231890
20214890006	**COMP-20**	EPA 5035/5030B	231884	EPA 8260	231890
20214890007	**TB05(071621)**	EPA 5030B/8260	231827		
20214890001	**COMP-16**	EPA 1010	232215		
20214890002	**COMP-17**	EPA 1010	232215		
20214890003	**DUP**	EPA 1010	232215		
20214890004	**COMP-18**	EPA 1010	232215		
20214890005	**COMP-19**	EPA 1010	232215		
20214890006	**COMP-20**	EPA 1010	232215		
20214890001	**COMP-16**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214890002	**COMP-17**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214890003	**DUP**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214890004	**COMP-18**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214890005	**COMP-19**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214890006	**COMP-20**	SW-846 7.3.4.2	232216	SW-846 7.3.4.2	232274
20214890001	**COMP-16**	EPA 9095	232346		
20214890002	**COMP-17**	EPA 9095	232346		
20214890003	**DUP**	EPA 9095	232346		
20214890004	**COMP-18**	EPA 9095	232346		
20214890005	**COMP-19**	EPA 9095	232346		
20214890006	**COMP-20**	EPA 9095	232346		
20214890001	**COMP-16**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214890002	**COMP-17**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214890003	**DUP**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214890004	**COMP-18**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214890005	**COMP-19**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291
20214890006	**COMP-20**	SW-846 7.3.3.2	232217	SW-846 7.3.3.2	232291

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The Chain-of-Custody is a LEGAL DOCUMENT. All rele

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found a

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Arcadis Baton Rouge	Report To:	Caleb Fontenot	Attention:	
Address:	10352 Plaza Americana Drive	Copy To:		Company Name:	
Baton Rouge, LA 70816				Address:	
Email:	caleb.fontenot@arcadis-us.com	Purchase Order #:		Pace Quote:	
Phone:	225-244-8677 Fax:	Project Name:	Desire 30058527.03.1	Pace Project Manager:	clay.ledet@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	169487

Regulatory Agency

State / Location

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Requested Analysis Filtered (Y/N): 8260 RECAP	8270 SVOC	RCRA Metals	8081 Pest/8082 PCB	8151 Herbicides	RCI + Paint Filter Liquids	TCLP Metals	HOLD TCLP	Residual Chlorine (Y/N)
MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS																											
1	COMP-16	SO	C			7/16/21	0830	80	7	X						X			X	X	X	X	X	X	X	X	
2	COMP-17	SO	C			"	0925	80	7	X						X			X	X	X	X	X	X	X	X	
3	DUP	SO	C			"	—	80	7	X						X			X	X	X	X	X	X	X	X	
4	COMP-18	SO	C			"	1005	80	7	X						X			X	X	X	X	X	X	X	X	
5	COMP-19	SO	C			"	1054	80	7	X						X			X	X	X	X	X	X	X	X	
6	COMP-20	SO	C			"	1130	80	7	X						X			X	X	X	X	X	X	X	X	
7	TB05 (07162)	WT	G			"	—	80	2				X						X	—	—	—	—	—	—	1	
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
RECAP	Keegan Montgomery Arcadis	7/16/21	1402	Pace	7/16/21	14:02	3.5	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Keegan Montgomery

SIGNATURE of SAMPLER:

DATE Signed: 7/16/21

Pace Analytical

1000 Riverbend. Blvd., Suite F
St. Rose, LA 70087

Sample Condition Upon I

WO#: 20214890

PM: CAL Due Date: 07/30/21

Proj CLIENT: 20-ARCADISBR

Courier: ☐ Pace Courier ☐ Hired Courier ☐ Fed X ☐ UPS ☐ DHL ☐ USPS ☑ Customer ☐ Other

Custody Seal on Cooler/Box Present: [see COC] **Custody Seals intact:** ☐Yes ☑No

Therometer Used: ☐ Therm Fisher IR 7 ☑ Therm Fisher IR 10

Type of Ice: (Wet) Blue None

Samples on ice: [see COC]

Cooler Temperature: [see COC]

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 7/7/2021 JMS

Temp must be measured from Temperature blank when present

				Comments:
Temperature Blank Present"?	☑Yes	☐No	☐N/A	1
Chain of Custody Present:	☑Yes	☐No	☐N/A	2
Chain of Custody Complete:	☑Yes	☐No	☐N/A	3
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	4
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	5
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	6
Sufficient Volume:	☑Yes	☐No	☐N/A	7
Correct Containers Used:	☑Yes	☐No	☐N/A	8
Filtered vol. Rec. for Diss. tests	☐Yes	☐No	☑N/A	9
Sample Labels match COC:	☑Yes	☐No	☐N/A	10
All containers received within manafacture's precautionary and/or expiration dates.	☑Yes	☐No	☐N/A	11
All containers needing chemical preservation have been checked (except VOA, coliform, & O&G).	☐Yes	☐No	☑N/A	12
All containers preservation checked found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A	13 If No, was preserative added? ☐Yes ☐No If added record lot no.: HNO3 _____ H2SO4 _____
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	14
Trip Blank Present:	☑Yes	☐No		15 voa vial >6mm

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Pace Analytical®
www.pacelabs.com

National

Ship To:
Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

INTER_LABORATORY WORK ORDER # 20214890
(To be completed by sending lab)

Sending Project No:	20214890
Receiving Project No:	
Check Box for Consolidated Invoice:	
Date Prepared:	07/17/21
REQUESTED COMPLETION DATE:	**7/30/2021**

Sending Region	IR20-New Orleans	Sending Project Mgr.	Clay Ledet
Receiving Region	IR850-Pace National	External Client	Arcadis Baton Rouge
State of Sample Origin	LA	QC Deliverable	STD REPORT

All questions should be addressed to sending project manager.

Requested Reportable Units _____ Report Wet or Dry Weight? Wet Cert. Needed _____

8081 Pest	WGKU		Unpreserved	6	$82.00	$492.00
8082 PCB	WGKU		Unpreserved	6	$47.00	$282.00
8151 Herb	WGFU		Unpreserved	6	$142.00	$852.00
					TOTAL	$1,626.00

Special Requirements: Report C, QC Limits (C),Arcadis Core (754)

GC/MS Semivolatiles	30	$774.00	$619.20	$154.80
GC Semivolatiles	31	$852.00	$681.60	$170.40
* Custom Revenue Allocation	**TOTAL**	$1,626.00	$1,300.80	$325.20

Return Samples to Sending Region: ☐ Yes ☑ No

Original sent to the receiving lab - Copy kept at the sending lab.
When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.

Invoice:
Customer :
Phone : (504)469-0333
Dept :

Date : 19Jul21
Weight : 32.7 LBS
COD :
DV : 0.00

Shipping : 36.67
Special : 3.21
Handling : 0.00
Total : 39.88

Svcs: PRIORITY OVERNIGHT
TRCK: 9351 6414 8868

COPY

Internal Transfer Chain of Custody

Samples Pre-Logged into eCOC.

State Of Origin: LA
Cert. Needed: ☐ Yes ☐ No
Owner Received Date: 7/16/2021 **Results Requested By:** 7/30/2021

Workorder: 20214890 **Workorder Name:** Desire 30058527.03.1

Pace Analytical®
www.pacelabs.com

Clay Ledet
Pace Analytical New Orleans
1000 Riverbend Blvd
Suite F
St. Rose, LA 70087
Phone (504)469-0333

Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

						Unpreserved						8081 Pest	8082 PCB	8151 Herb									LAB USE ONLY
1	COMP-16	PS	7/16/2021 08:30	20214890001	Solid	2						X	X	X									
2	COMP-17	PS	7/16/2021 09:25	20214890002	Solid	2						X	X	X									
3	DUP	PS	7/16/2021 00:00	20214890003	Solid	2						X	X	X									
4	COMP-18	PS	7/16/2021 10:03	20214890004	Solid	2						X	X	X									
5	COMP-19	PS	7/16/2021 10:59	20214890005	Solid	2						X	X	X									
6	COMP-20	PS	7/16/2021 11:30	20214890006	Solid	2						X	X	X									

Transfers	Released By	Date/Time	Received By	Date/Time
1	R. Price	7/19/21 1607	Fed Ex	
2				
3				

Cooler Temperature on Receipt ____ °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.*

Arcadis U.S., Inc.
10352 Plaza Americana Drive
Baton Rouge
Louisiana 70816
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Fax: 225 218 9677
www.arcadis.com