

This file contains the following documents:

- 1. Summary of application (in plain language)
 - English
 - Alternative Language (Spanish)
- 2. First notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
 - English
 - Alternative Language (Spanish)
- 3. Second notice (NAPD-Notice of Preliminary Decision)
 - English
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- 4. Application materials *
- 5. Draft permit *
- 6. Technical summary or fact sheet *

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

This template is a guide to assist applicant's in developing a plain language summary as required by 30 Texas Administrative Code Chapter 39 Subchapter H. Applicant's may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the blanks below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

If you are subject to the alternative language notice requirements in 30 Texas Administrative Code §39.426, you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package. For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS

INDUSTRIAL WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

Holiday Beach Water Supply Corporation (CN6000654644) operates Holiday Beach WSC (RN103014965). a Reverse Osmosis potable water treatment plant. The facility is located at 5 St. Charles Loop East in Holiday Beach , in Rockport, Aransas County, Texas 78382.

Renewal to discharge wastewater from Reverse Osmosis potable water treatment plant to an unamed tidal ditch; thence to tidal flats; thence to the Copano Bay portion of Copano Bay/Port Bay/Mission Bay in Segment No. 2472 of the Bays and Estuaries.

Discharges from the facility are expected to containTotal Dissolved Solids(TDS) and Chlorides. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0. The Reverse Osmosis concentrate (Reject) water is treated by discharging to a sump tank at the water plant then pumped through a 2"

pipe and discharged via Outfall 1 to an unnamed tidal ditch; thence to tidal flats; thence to the Copano Bay portion of Copano Bay/Port Bay/Mission Bay in Segment No. 2472 of the Bays and Estuaries.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT RENEWAL.

PERMIT NO. WQ0004290000

APPLICATION. Holiday Beach Water Supply Corporation, 2611 Highway 35 North, Rockport, Texas 78382, which owns a potable water treatment plant, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WO0004290000 (EPA I.D. No. TX0123871) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 120,000 gallons per day. The water treatment facility is located at 5 Saint Charles Loop East, near the city of Rockport, in Aransas County, Texas 78382. The discharge route is from the plant site to an unnamed tidal ditch; thence to tidal flats; thence to the Copano Bay portion of Copano Bay/Port Bay/Mission Bay. TCEQ received this application on July 11, 2024. The permit application will be available for viewing and copying at Aransas County Clerk's Office, main entrance bulletin board, 2840 Highway 35 North, Rockport, in Aransas County, Texas prior to the date this notice is published in the newspaper. The application, including any updates. and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.9943,28.16327&level=18

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. Notice of the Application and Preliminary Decision will be published and mailed to those who are on the countywide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application. If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.

TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at https://www14.tceq.texas.gov/epic/eComment/, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Holiday Beach Water Supply Corporation at the address stated above or by calling Mr. Vernon Hale, Operator/Manager, at 361-205-3184.

Issuance Date: August 2, 2024

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF APPLICATION AND PRELIMINARY DECISION FOR TPDES PERMIT FOR INDUSTRIAL WASTEWATER

RENEWAL

Permit No. WQ0004290000

APPLICATION AND PRELIMINARY DECISION. Holiday Beach Water Supply Corporation, 2611 Highway 35 North, Rockport, Texas 78382, which operates Holiday Beach Water Supply Corporation WTP, a portable water treatment plant, has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0004290000, which authorizes the discharge of water treatment wastes at a daily average flow not to exceed 120,000 gallons per day via Outfall 001. The TCEQ received this application on July 11, 2024.

The facility is located at 5 Saint Charles Loop East, near the City of Rockport, Aransas County, Texas 78382. This link to an electronic map of the site or facility's general location is provided as a public courtesy and is not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.9943,28.16327&level=18

The effluent is discharged to an unnamed tidal ditch, thence to tidal flats, thence to Copano Bay portion of Copano Bay/Port Bay/Mission Bay in Segment No. 2472 of the Bays and Estuaries. The unclassified receiving water uses are high aquatic life use for the unnamed tidal ditch and exceptional aquatic life use for Tidal Flats. The designated uses for Segment No. 2472 are primary contact recreation, exceptional aquatic life use, and ovster waters.

The TCEQ Executive Director has completed the technical review of the application and prepared a draft permit. The draft permit, if approved, would establish the conditions under which the facility must operate. The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The permit application, Executive Director's preliminary decision, and draft permit are available for viewing and copying at Aransas County Clerk's Office, main entrance bulletin board, 2840 Highway 35 North, Rockport, in Aransas County, Texas. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting about this application. The purpose of a public meeting is to provide the opportunity to submit written or oral comment or to ask questions about the application. Generally, the TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for public comments, the Executive Director will consider the comments and prepare a response to all relevant and material, or significant public comments. The response to comments, along with the Executive Director's decision on the application, will be mailed to everyone who submitted public comments or who requested to be on a mailing list for this application. If comments are received, the mailing will also provide instructions for requesting a contested case hearing or reconsideration of the Executive Director's decision. A contested case hearing is a legal proceeding similar to a civil trial in a state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period; and the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period. TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

EXECUTIVE DIRECTOR ACTION. The Executive Director may issue final approval of the application unless a timely contested case hearing request or a timely request for reconsideration is filed. If a timely hearing request or request for reconsideration is filed, the Executive Director will not issue final approval of the permit and will forward the application and requests to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be added to: (1) the permanent list for a specific applicant name and permit number; and (2) the mailing list for a specific county. If you wish to be placed on the permanent and the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

All written public comments and public meeting requests must be submitted to the Office of the Chief Clerk, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at https://www.tceq.texas.gov/goto/comment within 30 days from the date of newspaper publication of this notice.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at https://www.tceq.texas.gov/goto/cid/. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. Public comments and requests must be submitted either electronically at https://www.tceq.texas.gov/goto/comment, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address, and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, toll free, at 1-800-687-4040 or visit their website at https://www.tceq.texas.gov/agency/decisions/participation/permitting-participation. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Holiday Beach Water Suppy Corporation at the address stated above or by calling Ms. Janet Blandford at 361-729-0538.

Issued: July 1, 2025



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O. Box 13087 Austin, Texas 78711-3087

PERMIT TO DISCHARGE WASTES

under provisions of Section 402 of the Clean Water Act and Chapter 26 of the Texas Water Code

Holiday Beach Water Supply Corporation

whose mailing address is

2611 Highway 35 North Rockport, Texas 78382

is authorized to treat and discharge wastes from Holiday Beach WTP, a portable water treatment plant (SIC 4941)

TPDES PERMIT NO. WO0004290000

March 17, 2020.

[For TCEQ office use only - EPA I.D. No. TX0123871]

This renewal replaces TPDES Permit No. WQ0004290000, issued on

located at 5 Saint Charles Loop East, near the City of Rockport, Aransas County, Texas 78382

to an unnamed tidal ditch, thence to tidal flats, thence to the Copano Bay portion of Copano Bay/Port Bay/Mission Bay in Segment No. 2472 of the Bays and Estuaries

only according to effluent limitations, monitoring requirements, and other conditions set forth in this permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the TCEQ. The issuance of this permit does not grant to the permittee the right to use private or public property for conveyance of wastewater along the discharge route described in this permit. This includes, but is not limited to, property belonging to any individual, partnership, corporation, or other entity. Neither does this permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This permit shall expire at midnight, five years from the date of permit issuance.

ISSUED DATE:		
	For the Commission	

1. During the period beginning upon the date of permit issuance and lasting through the date of permit expiration, the permittee is authorized to discharge water treatment wastes¹ subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.12 million gallons per day (MGD). The daily maximum flow shall not exceed 0.12 MGD.

	Disc	charge Limitations	Minimum Self-Monitoring Requirements		
Effluent Characteristics	Daily Average	Daily Maximum	Single Grab	Report Daily Average and	Daily Maximum
	mg/L	mg/L	mg/L	Measurement Frequency	Sample Type
Flow	0.12 MGD	0.12 MGD	N/A	Continuous	Record
Total Dissolved Solids	N/A	Report	N/A	1/quarter	Composite
Chloride	N/A	Report	N/A	1/quarter	Composite

- 2. The pH must not be less than 6.0 standard units nor greater than 9.0 standard units and must be monitored 1/week by grab sample.
- 3. There must be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
- 4. Effluent monitoring samples must be taken at the following location: At Outfall 001, prior to water treatment wastes being discharged to the tidal ditch and prior to commingling with any other waters.

Page 2 of TPDES Permit No. WQ0004290000

Holiday Beach Water Supply Corporation

¹ The term *water treatment wastes* includes but is not limited to: cold lime water treatment wastes, demineralizer backwash, filter backwash, ion exchange water treatment system wastes, membrane regeneration wastes, and reverse osmosis reject water.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

As required by Title 30 Texas Administrative Code (TAC) Chapter 305, certain regulations appear as standard conditions in waste discharge permits. 30 TAC §§305.121 - 305.129 (relating to Permit Characteristics and Conditions) as promulgated under the Texas Water Code (TWC) §§5.103 and 5.105, and the Texas Health and Safety Code (THSC) §§361.017 and 361.024(a), establish the characteristics and standards for waste discharge permits, including sewage sludge, and those sections of 40 Code of Federal Regulations (CFR) Part 122 adopted by reference by the Commission. The following text includes these conditions and incorporates them into this permit. All definitions in Texas Water Code §26.001 and 30 TAC Chapter 305 shall apply to this permit and are incorporated by reference. Some specific definitions of words or phrases used in this permit are as follows:

1. Flow Measurements

- a. Annual average flow the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder, and limited to major domestic wastewater discharge facilities with a one million gallons per day or greater permitted flow.
- b. Daily average flow the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.
- c. Daily maximum flow the highest total flow for any 24-hour period in a calendar month.
- d. Instantaneous flow the measured flow during the minimum time required to interpret the flow measuring device.
- e. 2-hour peak flow (domestic wastewater treatment plants) the maximum flow sustained for a two-hour period during the period of daily discharge. The average of multiple measurements of instantaneous maximum flow within a two-hour period may be used to calculate the 2-hour peak flow.
- f. Maximum 2-hour peak flow (domestic wastewater treatment plants) the highest 2-hour peak flow for any 24-hour period in a calendar month.

2. Concentration Measurements

- a. Daily average concentration the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.
 - i. For domestic wastewater treatment plants When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.
 - ii. For all other wastewater treatment plants When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.
- b. 7-day average concentration the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.
- c. Daily maximum concentration the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.
- d. Daily discharge the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the "daily discharge" is calculated as the total

mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the sampling day.

The "daily discharge" determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the "daily discharge" determination of concentration shall be the arithmetic average (weighted by flow value) of all samples collected during that day.

- e. Bacteria concentration (Fecal coliform, *E. coli*, or Enterococci) the number of colonies of bacteria per 100 milliliters effluent. The daily average bacteria concentration is a geometric mean of the values for the effluent samples collected in a calendar month. The geometric mean shall be determined by calculating the nth root of the product of all measurements made in a calendar month, where n equals the number of measurements made; or computed as the antilogarithm of the arithmetic mean of the logarithms of all measurements made in a calendar month. For any measurement of bacteria equaling zero, a substitute value of one shall be made for input into either computation method. If specified, the 7-day average for bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.
- f. Daily average loading (lbs/day) the arithmetic average of all daily discharge loading calculations during a period of one calendar month. These calculations must be made for each day of the month that a parameter is analyzed. The daily discharge, in terms of mass (lbs/day), is calculated as (Flow, MGD × Concentration, mg/L × 8.34).
- g. Daily maximum loading (lbs/day) the highest daily discharge, in terms of mass (lbs/day), within a period of one calendar month.

3. Sample Type

- a. Composite sample For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC §319.9(a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC §319.9(c).
- b. Grab sample an individual sample collected in less than 15 minutes.
- 4. Treatment Facility (facility) wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.
- 5. The term "sewage sludge" is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids that have not been classified as hazardous waste separated from wastewater by unit processes.
- 6. Bypass the intentional diversion of a waste stream from any portion of a treatment facility.

MONITORING AND REPORTING REQUIREMENTS

1. Self-Reporting

Monitoring results shall be provided at the intervals specified in the permit. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall conduct effluent sampling and reporting in accordance with 30 TAC §§319.4 - 319.12. Unless otherwise specified, effluent monitoring data shall be submitted each month, to the Enforcement Division (MC 224), by the 20th day of the following month for each discharge that is described by this permit whether or not a discharge is made for that month. Monitoring results must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Monitoring results must be signed and certified as required by Monitoring and Reporting Requirements No. 10.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Clean Water Act; TWC Chapters 26, 27, and 28; and THSC Chapter 361, including but not limited to knowingly making any false statement, representation, or certification on any report, record, or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or realistic to the complete of noncompliance, or falsifying, tampering with or knowingly rendering inaccurate any monitoring device or method required by this permit or violating any other requirement imposed by state or federal regulations.

2. Test Procedures

- a. Unless otherwise specified in this permit, test procedures for the analysis of pollutants shall comply with procedures specified in 30 TAC §§319.11 319.12. Measurements, tests, and calculations shall be accurately accomplished in a representative manner.
- b. All laboratory tests submitted to demonstrate compliance with this permit must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

3. Records of Results

- a. Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity.
- b. Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503), monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, records of all data used to complete the application for this permit, and the certification required by 40 CFR §264.73(b)(9) shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, application or certification. This period shall be extended at the request of the Executive Director.
- c. Records of monitoring activities shall include the following:

 - i. date, time, and place of sample or measurement;ii. identity of individual who collected the sample or made the measurement;
 - iii. date and time of analysis;
 - iv. identity of the individual and laboratory who performed the analysis;
 - v. the technique or method of analysis; and
 - vi. the results of the analysis or measurement and quality assurance/quality control records.

The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that may be instituted against the permittee.

4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit using approved analytical methods as specified above, all results of such monitoring shall be included in the calculation and reporting of the values submitted on the approved self-report form. Increased frequency of sampling shall be indicated on the self-report

5. Calibration of Instruments

All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site or shall be readily available for review by a TCEQ representative for a period of three years.

6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the regional office and the Enforcement Division (MC

7. Noncompliance Notification

- a. In accordance with 30 TAC §305.125(9) any noncompliance that may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Report of such information shall be provided orally or by facsimile transmission (FAX) to the regional office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the regional office and the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective September 1, 2020, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.
- b. The following violations shall be reported under Monitoring and Reporting Requirement 7.a.:

i. unauthorized discharges as defined in Permit Condition 2(g).

- ii. any unanticipated bypass that exceeds any effluent limitation in the permit.
- iii. violation of a permitted maximum daily discharge limitation for pollutants listed specifically in the Other Requirements section of an Industrial TPDES permit.
- In addition to the above, any effluent violation that deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the regional office and the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.
- d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Enforcement Division (MC 224) as promptly as possible. For effluent limitation violations, noncompliances shall be reported on the approved self-report form.
- 8. In accordance with the procedures described in 30 TAC §§35.301 35.303 (relating to Water Quality Emergency and Temporary Orders) if the permittee knows in advance of the need for a bypass, it shall submit prior notice by applying for such authorization.
- 9. Changes in Discharges of Toxic Substances

All existing manufacturing, commercial, mining, and silvicultural permittees shall notify the regional office, orally or by facsimile transmission within 24 hours, and both the regional office and the Enforcement Division (MC 224) in writing within five (5) working days, after becoming aware of or having reason to believe:

- That any activity has occurred or will occur that would result in the discharge, on a routine or frequent basis, of any toxic pollutant listed at 40 CFR Part 122, Appendix D, Tables II and III (excluding Total Phenols) that is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

 - i. one hundred micrograms per liter (100 $\mu g/L$); ii. two hundred micrograms per liter (200 $\mu g/L$) for acrolein and acrylonitrile; five hundred micrograms per liter (500 $\mu g/L$) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - iii. five (5) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. the level established by the TCEQ.

- b. That any activity has occurred or will occur that would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant that is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - i. five hundred micrograms per liter (500 μ g/L);

- ii. one milligram per liter (1 mg/L) for antimony; iii. ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
- iv. the level established by the TCEO.

10. Signatories to Reports

All reports and other information requested by the Executive Director shall be signed by the person and in the manner required by 30 TAC §305.128 (relating to Signatories to Reports).

- 11. All POTWs must provide adequate notice to the Executive Director of the following:
 - a. any new introduction of pollutants into the POTW from an indirect discharger that would be subject to CWA §301 or §306 if it were directly discharging those pollutants;
 - any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit;
 - c. for the purpose of this paragraph, adequate notice shall include information on:
 - i. the quality and quantity of effluent introduced into the POTW: and
 - any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

PERMIT CONDITIONS

1. General

- a. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.
- b. This permit is granted on the basis of the information supplied and representations made by the permittee during action on an application, and relying upon the accuracy and completeness of that information and those representations. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked, in whole or in part, in accordance with 30 TAC Chapter 305, Subchapter D, during its term for good cause including, but not limited to, the following:

 - i. violation of any terms or conditions of this permit;ii. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
 - iii. a change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
- The permittee shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending, or terminating the permit. The permittee shall also furnish to the Executive Director, upon request, copies of records required to be kept by the permit.

2. Compliance

- a. Acceptance of the permit by the person to whom it is issued constitutes acknowledgment and agreement that such person will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.
- b. The permittee has a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment,

- revocation, or suspension, or for denial of a permit renewal application or an application for a permit for another facility.
- c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- d. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal or other permit violation that has a reasonable likelihood of adversely affecting human health or the environment.
- e. Authorization from the Commission is required before beginning any change in the permitted facility or activity that may result in noncompliance with any permit requirements.
- f. A permit may be amended, suspended and reissued, or revoked for cause in accordance with 30 TAC §§305.62 and 305.66 and TWC §7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- g. There shall be no unauthorized discharge of wastewater or any other waste. For the purpose of this permit, an unauthorized discharge is considered to be any discharge of wastewater into or adjacent to water in the state at any location not permitted as an outfall or otherwise defined in the Other Requirements section of this permit.
- h. In accordance with 30 TAC §305.535(a), the permittee may allow any bypass to occur from a TPDES permitted facility that does not cause permitted effluent limitations to be exceeded or an unauthorized discharge to occur, but only if the bypass is also for essential maintenance to assure efficient operation.
- i. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under Texas Water Code §§7.051 7.075 (relating to Administrative Penalties), 7.101 7.111 (relating to Civil Penalties), and 7.141 7.202 (relating to Criminal Offenses and Penalties) for violations including, but not limited to, negligently or knowingly violating the federal CWA §§301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under the CWA §402, or any requirement imposed in a pretreatment program approved under the CWA §§402(a)(3) or 402(b)(8).

3. Inspections and Entry

- a. Inspection and entry shall be allowed as prescribed in the TWC Chapters 26, 27, and 28, and THSC Chapter 361.
- b. The members of the Commission and employees and agents of the Commission are entitled to enter any public or private property at any reasonable time for the purpose of inspecting and investigating conditions relating to the quality of water in the state or the compliance with any rule, regulation, permit, or other order of the Commission. Members, employees, or agents of the Commission and Commission contractors are entitled to enter public or private property at any reasonable time to investigate or monitor or, if the responsible party is not responsive or there is an immediate danger to public health or the environment, to remove or remediate a condition related to the quality of water in the state. Members, employees, Commission contractors, or agents acting under this authority who enter private property shall observe the establishment's rules and regulations concerning safety, internal security, and fire protection, and if the property has management in residence, shall notify management or the person then in charge of his presence and shall exhibit proper credentials. If any member, employee, Commission contractor, or agent is refused the right to enter in or on public or private property under this authority, the Executive Director may invoke the remedies authorized in TWC §7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

4. Permit Amendment or Renewal

- a. The permittee shall give notice to the Executive Director as soon as possible of any planned physical alterations or additions to the permitted facility if such alterations or additions would require a permit amendment or result in a violation of permit requirements. Notice shall also be required under this paragraph when:
 - i. the alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in accordance with 30 TAC §305.534 (relating to New Sources and New Dischargers); or
 - ii. the alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9; or
 - iii. the alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
- b. Prior to any facility modifications, additions, or expansions that will increase the plant capacity beyond the permitted flow, the permittee must apply for and obtain proper authorization from the Commission before commencing construction.
- c. The permittee must apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. If an application is submitted prior to the expiration date of the permit, the existing permit shall remain in effect until the application is approved, denied, or returned. If the application is returned or denied, authorization to continue such activity shall terminate upon the effective date of the action. If an application is not submitted prior to the expiration date of the permit, the permit shall expire and authorization to continue such activity shall terminate.
- d. Prior to accepting or generating wastes that are not described in the permit application or that would result in a significant change in the quantity or quality of the existing discharge, the permittee must report the proposed changes to the Commission. The permittee must apply for a permit amendment reflecting any necessary changes in permit conditions, including effluent limitations for pollutants not identified and limited by this permit.
- e. In accordance with the TWC §26.029(b), after a public hearing, notice of which shall be given to the permittee, the Commission may require the permittee, from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.
- f. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under CWA §307(a) for a toxic pollutant that is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition. The permittee shall comply with effluent standards or prohibitions established under CWA §307(a) for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. Permit Transfer

- a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of facilities authorized by this permit. Such notification should be sent to the Applications Review and Processing Team (MC 148) of the Water Quality Division.
- b. A permit may be transferred only according to the provisions of 30 TAC §305.64 (relating to Transfer of Permits) and 30 TAC §50.133 (relating to Executive Director Action on Application or WQMP update).

6. Relationship to Hazardous Waste Activities

This permit does not authorize any activity of hazardous waste storage, processing, or disposal that requires a permit or other authorization pursuant to the Texas Health and Safety Code.

7. Relationship to Water Rights

Disposal of treated effluent by any means other than discharge directly to water in the state must be specifically authorized in this permit and may require a permit pursuant to Texas Water Code Chapter 11.

8. Property Rights

A permit does not convey any property rights of any sort, or any exclusive privilege.

9. Permit Enforceability

The conditions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

10. Relationship to Permit Application

The application pursuant to which the permit has been issued is incorporated herein; provided, however, that in the event of a conflict between the provisions of this permit and the application, the provisions of the permit shall control.

11. Notice of Bankruptcy.

- a. Each permittee shall notify the Executive Director, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of Title 11 (Bankruptcy) of the United States Code (11 USC) by or against:
 - i. the permittee;
 - ii. an entity (as that term is defined in 11 USC, §101(15)) controlling the permittee or listing the permit or permittee as property of the estate; or
 - iii. an affiliate (as that term is defined in 11 USC, §101(2)) of the permittee.

b. This notification must indicate:

- i. the name of the permittee;ii. the permit number(s);
- iii. the bankruptcy court in which the petition for bankruptcy was filed; and
- iv. the date of filing of the petition.

OPERATIONAL REQUIREMENTS

- The permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. This includes, but is not limited to, the regular, periodic examination of wastewater solids within the treatment plant by the operator in order to maintain an appropriate quantity and quality of solids inventory as described in the various operator training manuals and according to accepted industry standards for process control. Process control, maintenance, and operations records shall be retained at the facility site, or shall be readily available for review by a TCEQ representative, for a period of three years.
- 2. Upon request by the Executive Director, the permittee shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall comply with all applicable provisions of 30 TAC Chapter 312 concerning sewage sludge use and disposal and 30 TAC §§319.21 319.29 concerning the discharge of certain hazardous metals.

- 3. Domestic wastewater treatment facilities shall comply with the following provisions:
 - a. The permittee shall notify the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, in writing, of any facility expansion at least 90 days prior to conducting such activity.
 - b. The permittee shall submit a closure plan for review and approval to the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, for any closure activity at least 90 days prior to conducting such activity. Closure is the act of permanently taking a waste management unit or treatment facility out of service and includes the permanent removal from service of any pit, tank, pond, lagoon, surface impoundment or other treatment unit regulated by this permit.
- 4. The permittee is responsible for installing prior to plant start-up, and subsequently maintaining, adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failures by means of alternate power sources, standby generators, or retention of inadequately treated wastewater.
- 5. Unless otherwise specified, the permittee shall provide a readily accessible sampling point and, where applicable, an effluent flow measuring device or other acceptable means by which effluent flow may be determined.
- 6. The permittee shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under TWC §7.302(b)(6).

7. Documentation

For all written notifications to the Commission required of the permittee by this permit, the permittee shall keep and make available a copy of each such notification under the same conditions as self-monitoring data are required to be kept and made available. Except for information required for TPDES permit applications, effluent data, including effluent data in permits, draft permits and permit applications, and other information specified as not confidential in 30 TAC §1.5(d), any information submitted pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted in the manner prescribed in the application form or by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, information may be made available to the public without further notice. If the Commission or Executive Director agrees with the designation of confidentiality, the TCEQ will not provide the information for public inspection unless required by the Texas Attorney General or a court pursuant to an open records request. If the Executive Director does not agree with the designation of confidentiality, the person submitting the information will be notified.

- 8. Facilities that generate domestic wastewater shall comply with the following provisions; domestic wastewater treatment facilities at permitted industrial sites are excluded.
 - a. Whenever flow measurements for any domestic sewage treatment facility reach 75% of the permitted daily average or annual average flow for three consecutive months, the permittee must initiate engineering and financial planning for expansion or upgrading of the domestic wastewater treatment or collection facilities. Whenever the flow reaches 90% of the permitted daily average or annual average flow for three consecutive months, the permittee shall obtain necessary authorization from the Commission to commence construction of the necessary additional treatment or collection facilities. In the case of a domestic wastewater treatment facility that reaches 75% of the permitted daily average or annual average flow for three consecutive months, and the planned population to be served or the quantity of waste produced is not expected to exceed the design limitations of the treatment facility, the permittee shall submit an engineering report supporting this claim to the Executive Director of the Commission.

If in the judgment of the Executive Director the population to be served will not cause permit noncompliance, then the requirement of this section may be waived. To be effective, any waiver must be in writing and signed by the Director of the Enforcement Division (MC 219) of the Commission, and such waiver of these requirements will be reviewed upon expiration of the existing permit; however, any such waiver shall not be interpreted as condoning or excusing any violation of any permit parameter.

- b. The plans and specifications for domestic sewage collection and treatment works associated with any domestic permit must be approved by the Commission, and failure to secure approval before commencing construction of such works or making a discharge is a violation of this permit and each day is an additional violation until approval has been secured.
- c. Permits for domestic wastewater treatment plants are granted subject to the policy of the Commission to encourage the development of area-wide waste collection, treatment, and disposal systems. The Commission reserves the right to amend any domestic wastewater permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, should such be developed; to require the delivery of the wastes authorized to be collected in, treated by or discharged from said system, to such area-wide system; or to amend this permit in any other particular to effectuate the Commission's policy. Such amendments may be made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment or disposal system.
- 9. Domestic wastewater treatment plants shall be operated and maintained by sewage plant operators holding a valid certificate of competency at the required level as defined in 30 TAC Chapter 30.
- 10. For Publicly Owned Treatment Works (POTWs), the 30-day average (or monthly average) percent removal for BOD and TSS shall not be less than 85%, unless otherwise authorized by this permit.
- 11. Facilities that generate industrial solid waste as defined in 30 TAC §335.1 shall comply with these provisions:
 - a. Any solid waste, as defined in 30 TAC §335.1 (including but not limited to such wastes as garbage, refuse, sludge from a waste treatment, water supply treatment plant or air pollution control facility, discarded materials, discarded materials to be recycled, whether the waste is solid, liquid, or semisolid), generated by the permittee during the management and treatment of wastewater, must be managed in accordance with all applicable provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.
 - b. Industrial wastewater that is being collected, accumulated, stored, or processed before discharge through any final discharge outfall, specified by this permit, is considered to be industrial solid waste until the wastewater passes through the actual point source discharge and must be managed in accordance with all applicable provisions of 30 TAC Chapter 335.
 - c. The permittee shall provide written notification, pursuant to the requirements of 30 TAC §335.8(b)(1), to the Corrective Action Section (MC 127) of the Remediation Division informing the Commission of any closure activity involving an Industrial Solid Waste Management Unit, at least 90 days prior to conducting such an activity.
 - d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and Remediation Support Division. No person shall dispose of industrial solid waste, including sludge or other solids from wastewater treatment processes, prior to fulfilling the deed recordation requirements of 30 TAC §335.5.
 - e. The term "industrial solid waste management unit" means a landfill, surface impoundment, waste-pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt dome waste containment cavern, or any other structure vessel, appurtenance, or other improvement on land used to manage industrial solid waste.
 - f. The permittee shall keep management records for all sludge (or other waste) removed from any wastewater treatment process. These records shall fulfill all applicable requirements of 30 TAC Chapter 335 and must include the following, as it pertains to wastewater treatment and discharge:
 - i. volume of waste and date(s) generated from treatment process;
 - ii. volume of waste disposed of on-site or shipped off-site;
 - iii. date(s) of disposal;

- iv. identity of hauler or transporter;v. location of disposal site; andvi. method of final disposal.

The above records shall be maintained on a monthly basis. The records shall be retained at the facility site, or shall be readily available for review by authorized representatives of the TCEQ for at least five years.

12. For industrial facilities to which the requirements of 30 TAC Chapter 335 do not apply, sludge and solid wastes, including tank cleaning and contaminated solids for disposal, shall be disposed of in accordance with THSC Code Chapter 361.

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OTHER REQUIREMENTS

- 1. The executive director reviewed this action and found that the action is consistent with the applicable Texas Coastal Management Program (CMP) goals and policies and will not adversely affect any applicable coastal natural resource areas identified by the CMP.
- 2. Violations of daily maximum limitations for the following pollutants shall be reported orally or by facsimile to TCEQ Region 14 within 24 hours from the time the permittee becomes aware of the violation, followed by a written report within five working days to TCEQ Region 14 and Compliance Monitoring Team (MC 224): None.
- 3. Monitoring results must be provided at the intervals specified in the permit. For pollutants which are monitored four times per year, the first effluent report must be submitted three months after the date of permit issuance and subsequent reports every three months thereafter.
- 4. The chronic aquatic life mixing zone for Outfall 001 is defined as a volume of water within a radius of 5 feet from the point of discharge. Chronic toxic criteria apply at the edge of the chronic aquatic life mixing zone.
- 5. There shall be no discharge of domestic wastewater. Domestic wastewater is not generated on-site.
- 6. The width of the unnamed tidal ditch at the point of discharge is approximately 10 feet. The Zone of Initial Dilution (ZID) is defined as a volume within a radius of 1.25 feet from the point of discharge. The human health mixing zone is defined as a volume within a radius of 10 feet from the point of discharge.

STATEMENT OF BASIS/TECHNICAL SUMMARY AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

DESCRIPTION OF APPLICATION

Applicant: Holiday Beach Water Supply Corporation; Texas Pollutant Discharge

Elimination System (TPDES) Permit No. WQ0004290000 (EPA I.D. No.

TX0123871)

Regulated activity: Industrial wastewater permit

Type of application: Renewal

Request: Renewal without changes

Authority: Federal Clean Water Act (CWA) §402; Texas Water Code (TWC) §26.027;

30 Texas Administrative Code (TAC) Chapter 305, Subchapters C-F, and Chapters 307 and 319; commission policies; and Environmental Protection

Agency (EPA) guidelines

EXECUTIVE DIRECTOR RECOMMENDATION

The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The draft permit will expire at midnight, five years from the date of permit issuance according to the requirements of 30 TAC §305.127(1)(C)(i).

REASON FOR PROJECT PROPOSED

The applicant applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of its existing permit.

PROJECT DESCRIPTION AND LOCATION

The applicant currently operates Holiday Beach Water Supply Corporation WTP, a portable water treatment plant.

Raw water is pumped from public wells to a reverse osmosis treatment unit, which removes impurities such as total dissolved solids and chlorides. The effluent containing the removed impurities is pumped to a sump tank, which is then pumped out through a 2-inch pipe for discharge via Outfall 001. Purified potable water is supplied to approximately 730 customers within the Holiday Beach Water Supply Corporation service area.

The facility is located at 5 Saint Charles Loop East, near the City of Rockport, Aransas County, Texas 78382.

Discharge Route and Designated Uses

The effluent is discharged to an unnamed tidal ditch, thence to tidal flats, thence to the Copano Bay portion of Copano Bay/Port Bay/Mission Bay in Segment No. 2472 of the Bays and Estuaries. The unclassified receiving water uses are high aquatic life use for the unnamed tidal ditch and exceptional aquatic life use for Tidal Flats. The designated uses for Segment No. 2472 are primary contact recreation, exceptional aquatic life use, and oyster waters. The effluent limits in the draft permit will maintain and protect the existing instream uses. All determinations are preliminary and subject to additional review and revisions.

Endangered Species Review

A priority watershed of critical concern has been identified in Segment No. 2472 in Aransas County. Therefore, the Whooping Crane, *Grus americana*, an endangered aquatic dependent species, has been determined to occur in the watershed of Segment No. 2472. To make this determination for Texas Pollutant Discharge Elimination System (TPDES) permits, TCEQ and EPA only considered aquatic or aquatic dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the United States Fish and Wildlife Service's (USFWS) biological opinion. The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The presence of the endangered Whooping Crane requires EPA review and, if appropriate, consultation with USFWS.

The piping plover, *Charadrius melodus* Ord, a threatened aquatic dependent species, is found in the watershed of Segment No. 2472; however, the facility is not a petroleum facility and its discharge is not expected to have an effect on the piping plover. This determination is based on the United States Fish and Wildlife Service's (USFWS) biological opinion on the State of Texas authorization of the TPDES program (September 14, 1998, October 21, 1998 update). To make this determination for TPDES permits, TCEQ and EPA only considered aquatic or aquatic dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the USFWS biological opinion. The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The permit does not require EPA review with respect to the piping plover.

Impaired Water Bodies

Segment No. 2472 is currently listed on the state's inventory of impaired and threatened waters, the 2022 CWA §303(d) list. The listing is for bacteria (oyster waters) in Mission Bay, the Aransas River Arm, Port Bay, and the eastern shoreline (AU 2472OW_01). There are no other Segment 2472 303(d) impairment listings.

This permit action is a renewal for a facility that is not authorized to discharge domestic wastewater. Therefore, this discharge is not expected to increase the loadings of any pollutants or contribute to the above listed impairment.

Completed Total Maximum Daily Loads (TMDLs)

There are no completed TMDLs for Segment No. 2472.

Dissolved Oxygen

Due to the low levels of oxygen-demanding constituents expected from this type of discharge, no significant dissolved oxygen depletion is anticipated in the receiving waters as a result of this discharge.

SUMMARY OF EFFLUENT DATA

The following is a quantitative description of the discharge described in the monthly effluent report data for the period November 2019 through October 2024. The "Avg of Daily Avg" values presented in the following table are the average of all daily average values for the reporting period for each pollutant. The "Max of Daily Max" values presented in the following table are the individual maximum values for the reporting period for each pollutant. Flows are expressed in million gallons per day (MGD). All pH values are expressed in standard units (SU).

Flow

Outfall	Frequency	Avg of Daily Avg, MGD	Max of Daily Max, MGD
001	Continuous	0.025	0.075

Effluent Characteristics

Outfall	Pollutant	Avg of Daily Avg	Max of Daily Max
Outian	ronutant	mg/L	mg/L
001	Total Dissolved Solids (TDS)	N/A	11,600
	Chloride	N/A	4,690
	рН	6.9 SU, minimum	8.0 SU

No effluent limit violations were documented in the monthly effluent reports.

DRAFT PERMIT CONDITIONS

The draft permit authorizes the discharge of water treatment wastes¹ at a daily average flow not to exceed 0.12 MGD via Outfall 001.

Effluent limitations are established in the draft permit as follows:

Outfall	Pollutant	Daily Average mg/L	Daily Maximum mg/L
001	Flow, MGD	0.12 MGD	0.12 MGD
	TDS	N/A	Report
	Chloride	N/A	Report
	pH, SU	6.0 SU (minimum)	9.0 SU

OUTFALL LOCATIONS

Outfall	Latitude	Longitude
001	28.158713 N	97.001292 W

Technology-Based Effluent Limitations

Regulations in Title 40 of the Code of Federal Regulations (40 CFR) require that technology-based limitations be placed in wastewater discharge permits based on effluent limitations guidelines, where applicable, or on best professional judgment (BPJ) in the absence of guidelines. The daily minimum and daily maximum effluent limitations for pH were originally based on BPJ.

There are no technology-based limitations nor water quality-based limitations applicable to this discharge which are more stringent than the existing limitations; therefore, the pH limits are still protective and have been continued in the draft permit based on EPA's anti-backsliding regulations in 40 CFR §122.44(l).

Water Quality-Based Effluent Limitations

Calculations of water quality-based effluent limitations for the protection of aquatic life and human health are presented in Appendix B. Aquatic life criteria established in Table 1 and human health criteria established in Table 2 of 30 TAC Chapter 307 are incorporated into the calculations, as are recommendations in the Water Quality Assessment Team's memorandum dated September 18, 2024. TCEQ practice for determining significant potential is to compare the reported analytical data from

¹ The term *water treatment wastes* includes but is not limited to: cold lime water treatment wastes, demineralizer backwash, filter backwash, ion exchange water treatment system wastes, membrane regeneration wastes, and reverse osmosis reject water.

the facility against percentages of the calculated daily average water quality-based effluent limitation. Permit limitations are required when analytical data reported in the application exceeds 85 percent of the calculated daily average water quality-based effluent limitation. Monitoring and reporting is required when analytical data reported in the application exceeds 70 percent of the calculated daily average water quality-based effluent limitation.

Data reported in the application was screened against the calculated water quality-based effluent limitations and the existing permit is still protective.

Total Dissolved Solids (TDS), Chloride, and Sulfate Screening

Average concentrations of TDS, chloride, and sulfate reported in the application are all less than the respective criteria for Segment No. 2472; therefore, no further screening is necessary. Daily maximum monitoring and reporting requirements for TDS and chloride are continued in the draft permit based on antibackliding.

pH Screening

The existing permit includes pH limits of 6.0-9.0 SU at Outfall 001, which discharges into an unclassified water body. Consistent with the procedures for pH screening that were submitted to EPA with a letter dated May 28, 2014, and approved by EPA in a letter dated June 2, 2014, requiring a discharge to an unclassified water body to meet pH limits of 6.0-9.0 standard units reasonably ensures instream compliance with *Texas Surface Water Quality Standards* pH criteria. These limits have been carried forward in the draft permit.

Whole Effluent Toxicity Testing (Biomonitoring)

Biomonitoring requirements are not included in the draft permit. The existing permit did not establish biomonitoring requirements and discharges authorized by this permit do not meet the threshold established in the *Procedures to Implement the Texas Surface Water Quality Standards* (RG-194) to impose biomonitoring requirements.

SUMMARY OF CHANGES FROM APPLICATION

No changes were made from the application.

SUMMARY OF CHANGES FROM EXISTING PERMIT

The following changes have been made to the draft permit.

- 1. Pages 3-13 were updated (May 2021 version).
- 2. The customer mailing address was changed from the current permit.

BASIS FOR DRAFT PERMIT

The following items were considered in developing the draft permit:

- 1. Application received on July 11, 2024.
- 2. Existing permits: TPDES Permit No. WO0004290000 issued on March 17, 2020.
- 3. TCEQ Rules.
- 4. *Texas Surface Water Quality Standards* 30 TAC §§307.1-307.10, effective March 1, 2018, as approved by EPA Region 6.
- 5. *Texas Surface Water Quality Standards* 30 TAC §§307.1-307.10, effective March 6, 2014, as approved by EPA Region 6, for portions of the 2018 standards not approved by EPA Region 6.

- 6. *Texas Surface Water Quality Standards* 30 TAC §§307.1-307.10, effective July 22, 2010, as approved by EPA Region 6, for portions of the 2014 standards not approved by EPA Region 6.
- 7. *Texas Surface Water Quality Standards* 30 TAC §§307.1-307.10, effective August 17, 2000, and Appendix E, effective February 27, 2002, for portions of the 2010 standards not approved by EPA Region 6.
- 8. *Procedures to Implement the Texas Surface Water Quality Standards* (IPs), Texas Commission on Environmental Quality, June 2010, as approved by EPA Region 6.
- 9. Procedures to Implement the Texas Surface Water Quality Standards, Texas Commission on Environmental Quality, January 2003, for portions of the 2010 IPs not approved by EPA Region 6.
- 10. Memos from the Standards Implementation Team and Water Quality Assessment Team of the Water Quality Assessment Section of the TCEQ.
- 11. Guidance Document for Establishing Monitoring Frequencies for Domestic and Industrial Wastewater Discharge Permits, TCEQ Document No. 98-001.000-OWR-WQ, May 1998.
- 12. EPA Effluent Guidelines: N/A.
- 13. Consistency with the Coastal Management Plan: The executive director has reviewed this action for consistency with the goals and policies of the Texas Coastal Management Program (CMP) in accordance with the regulations of the General Land Office and has determined that the action is consistent with the applicable CMP goals and policies.
- 14. Letter dated May 28, 2014, from L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ, to Bill Honker, Director, Water Quality Protection Division, EPA (TCEQ proposed development strategy for pH evaluation procedures).
- 15. Letter dated June 2, 2014, from William K. Honker, P.E., Director, Water Quality Protection Division, EPA, to L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ (Approval of TCEQ proposed development strategy for pH evaluation procedures).

PROCEDURES FOR FINAL DECISION

When an application is declared administratively complete, the chief clerk sends a letter to the applicant advising the applicant to publish the Notice of Receipt of Application and Intent to Obtain Permit in the newspaper. In addition, the Chief Clerk instructs the applicant to place a copy of the application in a public place for reviewing and copying in the county where the facility is or will be located. This application will be in a public place throughout the comment period. The Chief Clerk also mails this notice to any interested persons and, if required, to landowners identified in the permit application. This notice informs the public about the application and provides that an interested person may file comments on the application or request a contested case hearing or a public meeting.

Once a draft permit is completed, it is sent to the Chief Clerk, along with the Executive Director's preliminary decision contained in the technical summary or fact sheet. At that time, the Notice of Application and Preliminary Decision will be mailed to the same people and published in the same newspaper as the prior notice. This notice sets a deadline for making public comments. The applicant must place a copy of the Executive Director's preliminary decision and draft permit in the public place with the application.

Any interested person may request a public meeting on the application until the deadline for filing public comments. A public meeting is intended for the taking of public comment and is not a contested case hearing.

After the public comment deadline, the Executive Director prepares a response to all significant public comments on the application or the draft permit raised during the public comment period. The Chief Clerk then mails the Executive Director's response to comments and final decision to people who have filed comments, requested a contested case hearing, or requested to be on the mailing list. This notice

provides that if a person is not satisfied with the Executive Director's response and decision, they can request a contested case hearing or file a request to reconsider the Executive Director's decision within 30 days after the notice is mailed.

The Executive Director will issue the permit unless a written hearing request or request for reconsideration is filed within 30 days after the Executive Director's response to comments and final decision is mailed. If a hearing request or request for reconsideration is filed, the Executive Director will not issue the permit and will forward the application and request to the TCEQ commissioners for their consideration at a scheduled commission meeting. If a contested case hearing is held, it will be a legal proceeding similar to a civil trial in state district court.

If the Executive Director calls a public meeting or the commission grants a contested case hearing as described above, the commission will give notice of the date, time, and place of the meeting or hearing. If a hearing request or request for reconsideration is made, the commission will consider all public comments in making its decision and shall either adopt the Executive Director's response to public comments or prepare its own response.

For additional information about this application, contact Thomas E. Starr at (512) 239-4570.

Thomas E. Starr	May 2, 2025
Thomas E. Starr, P.E.	Date

Appendix A Calculated Water Quality-Based Effluent Limits

TEXTOX MENU #5 - B	AY OR WIDE TIDAL RIVER
The water quality-based effluent limitations deve	eloped below are calculated using:
Table 1, 2014 Texas Surface Water Quality Standa	· · · · · · · · · · · · · · · · · · ·
Table 2, 2018 Texas Surface Water Quality Standa	
"Procedures to Implement the Texas Surface Wat	er Quality Standards," TCEQ, June 2010
PERMIT INFORMATION	
Permittee Name:	Holiday Beach Water Supply Corporation
TPDES Permit No:	WQ0004290000
Outfall No:	001
Prepared by:	Thomas Starr
Date:	May 2, 2025
DISCHARGEINFORMATION	
Receiving Waterbody:	unnamed tidal ditch
Segment No:	2472
TSS (mg/L):	12
Effluent Flow for Aquatic Life (MGD)	<10
% Effluent for Chronic Aquatic Life (Mixing Zone):	100
% Effluent for Acute Aquatic Life (ZID):	100
Oyster Waters?	no
Effluent Flow for Human Health (MGD):	<10
% Effluent for Human Health:	100

CALCULATE DISSOLVED FRACTION (AND	ENTER WATER EFFECT RATI	O IF APPLICAE	BLE): Partition	Dissolved		Water	
	Intercept		Coefficient	Fraction		Effect Ratio	
Estuarine Metal	(b)	Slope (m)	(Kp)	(Cd/Ct)	Source	(WER)	Source
Aluminum	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Arsenic	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Cadmium	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Chromium (total)	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Chromium (trivalent)	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Chromium (hexavalent)	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Copper	4.85	-0.72	11830.13	0.876		1.00	Assumed
Lead	6.06	-0.85	138897.98	0.375		1.00	Assumed
Mercury	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Nickel	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Selenium	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Silver	5.86	-0.74	115187.64	0.420		1.00	Assumed
Zinc	5.36	-0.52	62925.37	0.570		1.00	Assumed

CALCULATE DAILY AVERAGE AND DAILY MAXIMU	SW Acute	SW Chronic						
	Criterion	Criterion	WLAa	WLAc	LTAa	LTAc	Daily Avg.	Daily Max.
Parameter	(μg/L)	(μg/L)	WEAU (μg/L)	(μg/L)	μg/L)	μg/L)	μg/L)	(μg/L)
Acrolein	N/A		N/A	N/A	N/A	N/A	N/A	
Aldrin	1.3	N/A	1.30	N/A	0.416	N/A	0.611	1.29
Aluminum	N/A	N/A	N/A	N/A	N/A	N/A	0.011 N/A	
Arsenic	149	78	149	78.0	47.7	47.6	69.9	147
Cadmium	40.0	8.75	40.0	8.75	12.8	5.34	7.84	16.5
Carbaryl	613	N/A	613	N/A	196	N/A	288	610
Chlordane	0.09	0.004	0.0900	0.00400	0.0288	0.00244	0.00358	0.00758
Chlorpyrifos	0.011	0.006	0.0110	0.00600	0.00352	0.00366	0.00517	0.0109
Chromium (trivalent)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chromium (hexavalent)	1090	49.6	1090	49.6	349	30.3	44.4	94.0
Copper	13.5	3.6	15.4	4.11	4.93	2.51	3.68	7.79
Copper (oyster waters)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Cyanide (free)	5.6	5.6	5.60	5.60	1.79	3.42	2.63	5.57
4,4'-DDT	0.13	0.001	0.130	0.00100	0.0416	0.000610		0.00189
Demeton	N/A	0.1	N/A	0.100	N/A	0.0610	0.0896	0.189
Diazinon	0.819	0.819	0.819	0.819	0.262	0.500	0.385	0.815
Dicofol [Kelthane]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dieldrin	0.71	0.002	0.710	0.00200	0.227	0.00122	0.00179	0.00379
Diuron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Endosulfan I (alpha)	0.034	0.009	0.0340	0.00900	0.0109	0.00549	0.00807	0.0170
Endosulfan II (beta)	0.034	0.009	0.0340	0.00900	0.0109	0.00549	0.00807	0.0170
Endosulfan sulfate	0.034	0.009	0.0340	0.00900	0.0109	0.00549	0.00807	0.0170
Endrin	0.037	0.002	0.0370	0.00200	0.0118	0.00122	0.00179	0.00379
Guthion [Azinphos Methyl]	N/A	0.01	N/A	0.0100	N/A	0.00610	0.00896	0.0189
Heptachlor	0.053	0.004	0.0530	0.00400	0.0170	0.00244	0.00358	0.00758
Hexachlorocyclohexane (gamma) [Lindane]	0.16	N/A	0.160	N/A	0.0512	N/A	0.0752	0.159
Lead	133	5.3	355	14.1	113	8.62	12.6	26.8
Malathion	N/A	0.01	N/A	0.0100	N/A	0.00610	0.00896	0.0189
Mercury	2.1	1.1	2.10	1.10	0.672	0.671	0.986	2.08
Methoxychlor	N/A	0.03	N/A	0.0300	N/A	0.0183	0.0269	0.0569
Mirex	N/A	0.001	N/A	0.00100	N/A	0.000610	0.000896	0.00189
Nickel	118	13.1	118	13.1	37.8	7.99	11.7	24.8
Nonylphenol	7	1.7	7.00	1.70	2.24	1.04	1.52	3.22
Parathion (ethyl)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pentachlorophenol	15.1	9.6	15.1	9.60	4.83	5.86	7.10	15.0
Phenanthrene	7.7	4.6	7.70	4.60	2.46	2.81	3.62	7.66
Polychlorinated Biphenyls [PCBs]	10	0.03	10.0	0.0300	3.20	0.0183	0.0269	0.0569
Selenium	564	136	564	136	180	83.0	121	258
Silver	2	N/A	4.76	N/A	1.52	N/A	2.24	4.74
Toxaphene	0.21	0.0002	0.210	0.000200	0.0672	0.000122	0.000179	0.000379
Tributyltin [TBT]	0.24	0.0074	0.240	0.00740	0.0768	0.00451	0.00663	0.0140
2,4,5 Trichlorophenol	259	12	259	12.0	82.9	7.32	10.7	22.7
Zinc	92.7	84.2	163	148	52.1	90.1	76.5	161

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM E		TATIONS:			
	Fish Only				
	Criterion	WLAh	LTAh	Daily Avg.	Daily Max.
Parameter	(μg/L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)
Acrylonitrile	115	115	107	157	332
Aldrin	1.147E-05	0.0000115		0.0000156	0.0000331
Anthracene	1317	1317	1225	1800	3809
Antimony	1071	1071	996	1464	3097
Arsenic	N/A	N/A	N/A	N/A	N/A
Barium	N/A	N/A	N/A	N/A	N/A
Benzene	581	581	540	794	1680
Benzidine	0.107	0.107	0.0995	0.146	0.309
Benzo(a)anthracene	0.025	0.0250	0.0233	0.0341	0.0723
Benzo(a)pyrene	0.0025	0.00250	0.00233	0.00341	0.00723
sis(chloromethyl)ether	0.2745	0.275	0.255	0.375	0.793
sis(2-chloroethyl)ether	42.83	42.8	39.8	58.5	123
is(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthala	7.55	7.55	7.02	10.3	21.8
romodichloromethane [Dichlorobromomethane]	275	275	256	375	795
romoform [Tribromomethane]	1060	1060	986	1449	3065
admium	N/A	N/A	N/A	N/A	N/A
arbon Tetrachloride	46	46.0	42.8	62.8	133
hlordane	0.0025	0.00250	0.00233	0.00341	0.00723
hlorobenzene	2737	2737	2545	3741	7916
hlorodibromomethane [Dibromochloromethane]	183	183	170	250	529
hloroform [Trichloromethane]	7697	7697	7158	10522	22262
nromium (hexavalent)	502	502	467	686	1451
hrysene	2.52	2.52	2.34	3.44	7.28
resols [Methylphenols]	9301	9301	8650	12715	26901
yanide (free)	N/A	N/A	N/A	N/A	N/A
4'-DDD	0.002	0.00200	0.00186	0.00273	0.00578
4'-DDE	0.002	0.00200	0.00186	0.00273	0.00375
4'-DDT	0.0004	0.000400	0.000372	0.000546	0.00115
,4'-D	N/A	N/A	N/A	N/A	N/A
anitol [Fenpropathrin]	473	473	440	646	1368
,2-Dibromoethane [Ethylene Dibromide]	4.24	4.24	3.94	5.79	12.2
n-Dichlorobenzene [1,3-Dichlorobenzene]	595	595	553	813	1720
-Dichlorobenzene [1,2-Dichlorobenzene]	3299	3299	3068	4510	9541
-Dichlorobenzene [1,4-Dichlorobenzene]	N/A	N/A	N/A	N/A	N/A
,3'-Dichlorobenzidine	2.24	2.24	2.08	3.06	6.47
,2-Dichloroethane	364	364	339	497	1052
,1-Dichloroethylene [1,1-Dichloroethene]	55114	55114	51256	75346	159406
ichloromethane [Methylene Chloride]	13333	13333	12400	18227	38563
,2-Dichloropropane	259	259	241	354	749
,3-Dichloropropene [1,3-Dichloropropylene]	119	119	111	162	344
icofol [Kelthane]	0.30	0.300	0.279	0.410	0.867
ieldrin	2.0E-05	0.0000200	0.0000186	0.0000273	0.0000578
,4-Dimethylphenol	8436	8436	7845	11532	24399
i <i>-n -</i> Butyl Phthalate	92.4	92.4	85.9	126	267
ioxins/Furans [TCDD Equivalents]	7.97E-08	7.97E-08	7.41E-08	1.08E-07	2.30E-07
ndrin	0.02	0.0200	0.0186	0.0273	0.0578
pichlorohydrin	2013	2013	1872	2751	5822
thylbenzene	1867	1867	1736	2552	5399
thylene Glycol	1.68E+07	16800000	15624000	22967280	48590640
luoride	N/A	N/A	N/A	N/A	N/A
leptachlor	0.0001	0.000100	0.0000930	0.000136	0.000289
leptachlor Epoxide	0.00029	0.000100	0.0000330	0.000136	0.000283
Hexachlorobenzene	0.00029	0.000290	0.000270	0.000390	0.000838
lexachlorobutadiene					
icvaciii010nutanie116	0.22	0.220	0.205	0.300	0.636

Parameter	Fish Only Criterion (μg/L)	WLAh (μg/L)	LTAh (μg/L)	Daily Avg. (μg/L)	Daily Max. (μg/L)
Hexachlorocyclohexane (alpha)	0.0084	0.00840	0.00781	0.0114	0.0242
Hexachlorocyclohexane (beta)	0.26	0.260	0.242	0.355	0.751
Hexachlorocyclohexane (gamma) [Lindane]	0.341	0.341	0.317	0.466	0.986
Hexachlorocyclopentadiene	11.6	11.6	10.8	15.8	33.5
Hexachloroethane	2.33	2.33	2.17	3.18	6.73
Hexachlorophene	2.90	2.90	2.70	3.96	8.38
4,4'-Isopropylidenediphenol [Bisphenol A]	15982	15982	14863	21848	46224
Lead	3.83	10.2	9.50	13.9	29.5
Mercury	0.0250	0.0250	0.0233	0.0341	0.0723
Methoxychlor	3.0	3.00	2.79	4.10	8.67
Methyl Ethyl Ketone	9.92E+05	992000	922560	1356163	2869161
Methyl tert -butyl ether [MTBE]	10482	10482	9748	14329	30317
Nickel	1140	1140	1060	1558	3297
Nitrate-Nitrogen (as Total Nitrogen)	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	1873	1873	1742	2560	5417
N-Nitrosodiethylamine	2.1	2.10	1.95	2.87	6.07
N-Nitroso-di- <i>n</i> -Butylamine	4.2	4.20	3.91	5.74	12.1
Pentachlorobenzene	0.355	0.355	0.330	0.485	1.02
Pentachlorophenol	0.29	0.290	0.270	0.396	0.838
Polychlorinated Biphenyls [PCBs]	6.4E-04	0.000640	0.000595	0.000874	0.00185
Pyridine	947	947	881	1294	2739
Selenium	N/A	N/A	N/A	N/A	N/A
1,2,4,5-Tetrachlorobenzene	0.24	0.240	0.223	0.328	0.694
1,1,2,2-Tetrachloroethane	26.35	26.4	24.5	36.0	76.2
Tetrachloroethylene [Tetrachloroethylene]	280	280	260	382	809
Thallium	0.23	0.230	0.214	0.314	0.665
Toluene	N/A	N/A	N/A	N/A	N/A
Toxaphene	0.011	0.0110	0.0102	0.0150	0.0318
2,4,5-TP [Silvex]	369	369	343	504	1067
1,1,1-Trichloroethane	784354	784354	729449	1072290	2268587
1,1,2-Trichloroethane	166	166	154	226	480
Trichloroethylene [Trichloroethene]	71.9	71.9	66.9	98.2	207
2,4,5-Trichlorophenol	1867	1867	1736	2552	5399
TTHM [Sum of Total Trihalomethanes]	N/A	N/A	N/A	N/A	N/A
Vinyl Chloride	16.5	16.5	15.3	22.5	47.7

	70% of	85% of
Aquatic Life	Daily Avg.	Daily Avg.
Parameter	(μg/L)	(μg/L)
Acrolein	N/A	N/A
Aldrin	0.428	0.519
Aluminum	N/A	N/A
Arsenic	48.9	59.4
Cadmium	5.49	6.66
Carbaryl	201	245
Chlordane	0.00251	0.00304
Chlorpyrifos	0.00362	0.00439
Chromium (trivalent)	N/A	N/A
Chromium (hexavalent)	31.1	37.8
Copper	2.58	3.13
Copper (oyster waters)	N/A	N/A
Cyanide (free)	1.84	2.23
4,4'-DDT	0.000627	0.000762
Demeton	0.0627	0.0762
Diazinon	0.269	0.327
Dicofol [Kelthane]	N/A	N/A
Dieldrin	0.00125	0.00152
Diuron	N/A	N/A
Endosulfan I (alpha)	0.00564	0.00685
Endosulfan II (beta)	0.00564	0.00685
Endosulfan sulfate	0.00564	0.00685
Endrin	0.00125	0.00152
Guthion [Azinphos Methyl]	0.00627	0.00762
Heptachlor	0.00251	0.00304
Hexachlorocyclohexane (gamma) [Lindane]	0.0526	0.0639
Lead	8.87	10.7
Malathion	0.00627	0.00762
Mercury	0.690	0.838
Methoxychlor	0.0188	0.0228
Mirex	0.000627	0.000762
Nickel	8.22	9.98
Nonylphenol	1.06	1.29
Parathion (ethyl)	N/A	N/A
Pentachlorophenol	4.97	6.03
Phenanthrene	2.53	3.07
Polychlorinated Biphenyls [PCBs]	0.0188	0.0228
Selenium	85.3	103
Silver	1.56	1.90
Toxaphene	0.000125	0.000152
Tributyltin [TBT]	0.00464	0.00564
2,4,5 Trichlorophenol	7.53	9.14
Zinc	53.5	65.0

	70% of	85% of
Human Health	Daily Avg.	Daily Avg.
Parameter	μg/L)	μg/L)
Acrylonitrile	110	133
Aldrin	0.0000109	0.0000133
Anthracene	1260	1530
Antimony	1024	1244
Arsenic	N/A	N/A
Barium	N/A	N/A
Benzene	555	675
Benzidine	0.102	0.124
Benzo(a)anthracene	0.0239	0.0290
Benzo(a)pyrene	0.00239	0.00290
Bis(chloromethyl)ether	0.262	0.318
Bis(2-chloroethyl)ether	40.9	49.7
Bis(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthala	7.22	8.77
Bromodichloromethane [Dichlorobromomethane]	263	319
Bromoform [Tribromomethane]	1014	1231
Cadmium	N/A	N/A
Carbon Tetrachloride	44.0	53.4
Chlordane	0.00239	0.00290
Chlorobenzene	2619	3180
Chlorodibromomethane [Dibromochloromethane]	175	212
Chloroform [Trichloromethane]	7365	8944
Chromium (hexavalent)	480	583
Chrysene	2.41	2.92
Cresols [Methylphenols]	8900	10808
Cyanide (free)	N/A	N/A
4,4'-DDD	0.00191	0.00232
4,4'-DDE	0.000124	0.000151
4,4'-DDT	0.000382	0.000464
2,4'-D	N/A	N/A
Danitol [Fenpropathrin]	452	549
1,2-Dibromoethane [Ethylene Dibromide]	4.05	4.92
m -Dichlorobenzene [1,3-Dichlorobenzene]	569	691
o -Dichlorobenzene [1,2-Dichlorobenzene]	3157	3833
p -Dichlorobenzene [1,4-Dichlorobenzene]	N/A	N/A
3,3'-Dichlorobenzidine	2.14	2.60
1,2-Dichloroethane	348	422
1,1-Dichloroethylene [1,1-Dichloroethene]	52742	64044
Dichloromethane [Methylene Chloride]	12759	15493
1,2-Dichloropropane	247	300
1,3-Dichloropropene [1,3-Dichloropropylene]	113	138
Dicofol [Kelthane]	0.287	0.348
Dieldrin	0.0000191	0.0000232
2,4-Dimethylphenol	8072	9802
Di-n -Butyl Phthalate	88.4	107
Dioxins/Furans [TCDD Equivalents]	7.62E-08	9.26E-08
Endrin	0.0191	0.0232
Epichlorohydrin	1926	2339
Ethylbenzene	1786	2169
Ethylene Glycol	16077096	19522188
Fluoride	N/A	N/A
Heptachlor	0.0000956	0.000116
Heptachlor Epoxide	0.000277	0.000336
Hexachlorobenzene	0.000650	0.000790
Hexachlorobutadiene	0.210	0.255

	70% of	85% of
Human Health	Daily Avg.	Daily Avg.
Parameter	(μg/L)	(μg/L)
Hexachlorocyclohexane (alpha)	0.00803	0.00976
Hexachlorocyclohexane (beta)	0.248	0.302
Hexachlorocyclohexane (gamma) [Lindane]	0.326	0.396
Hexachlorocyclopentadiene	11.1	13.4
Hexachloroethane	2.22	2.70
Hexachlorophene	2.77	3.36
4,4'-Isopropylidenediphenol [Bisphenol A]	15294	18571
Lead	9.77	11.8
Mercury	0.0239	0.0290
Methoxychlor	2.87	3.48
Methyl Ethyl Ketone	949314	1152738
Methyl tert -butyl ether [MTBE]	10030	12180
Nickel	1090	1324
Nitrate-Nitrogen (as Total Nitrogen)	N/A	N/A
Nitrobenzene	1792	2176
N-Nitrosodiethylamine	2.00	2.44
N-Nitroso-di- <i>n</i> -Butylamine	4.01	4.88
Pentachlorobenzene	0.339	0.412
Pentachlorophenol	0.277	0.336
Polychlorinated Biphenyls [PCBs]	0.000612	0.000743
Pyridine	906	1100
Selenium	N/A	N/A
1,2,4,5-Tetrachlorobenzene	0.229	0.278
1,1,2,2-Tetrachloroethane	25.2	30.6
Tetrachloroethylene [Tetrachloroethylene]	267	325
Thallium	0.220	0.267
Toluene	N/A	N/A
Toxaphene	0.0105	0.0127
2,4,5-TP [Silvex]	353	428
1,1,1-Trichloroethane	750603	911446
1,1,2-Trichloroethane	158	192
Trichloroethylene [Trichloroethene]	68.8	83.5
2,4,5-Trichlorophenol	1786	2169
TTHM [Sum of Total Trihalomethanes]	N/A	N/A
Vinyl Chloride	15.7	19.1

STATEMENT OF BASIS / TECHNICAL SUMMARY AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION TPDES Permit No. WQooo4290000

Appendix B Comparison of Effluent Limits

The following table is a summary of technology-based effluent limitations calculated/assessed in the draft permit (Technology-Based), calculated/assessed water quality-based effluent limitations (Water Quality-Based), and effluent limitations in the existing permit (Existing Permit). Effluent limitations appearing in bold are the most stringent of the three and are included in the draft permit.

		Technology-B	ased	Water Qua	ality-Based	Existing Permit		
Outfall	Pollutant	Daily Avg	Daily Max	Daily Avg	Daily Max	Daily Avg	Daily Max	
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
001	Flow, MGD	1	-	-	-	0.12 MGD	0.12 MGD	
	TDS	1	-	-	1	N/A	Report	
	Chloride	-	-	-	-	N/A	Report	
	pH, SU	6.0 SU (minimum)	9.0 SU	-	-	6.0 SU (minimum)	9.0 SU	



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the industrial wastewater permit application.

APPLICANT NAME: Holiday Beach Water Supply Corporation

PERMIT NUMBER (If new, leave blank): WQ00 04290000

Indicate if each of the following items is included in your application.

	Y	N	*	Y	N
Administrative Report 1.0	\boxtimes		Worksheet 8.0		\boxtimes
Administrative Report 1.1			Worksheet 9.0		\boxtimes
SPIF	\boxtimes		Worksheet 10.0		
Core Data Form	\boxtimes		Worksheet 11.0		\boxtimes
Public Involvement Plan Form		\boxtimes	Worksheet 11.1		\boxtimes
Plain Language Summary		\boxtimes	Worksheet 11.2		\boxtimes
Technical Report 1.0	\boxtimes		Worksheet 11.3		\boxtimes
Worksheet 1.0	\boxtimes		Original USGS Map	\boxtimes	
Worksheet 2.0			Affected Landowners Map		\boxtimes
Worksheet 3.0		\boxtimes	Landowner Disk or Labels		\boxtimes
Worksheet 3.1		\boxtimes	Flow Diagram	\boxtimes	
Worksheet 3.2		\boxtimes	Site Drawing	\boxtimes	
Worksheet 3.3	[101 [27]	\boxtimes	Original Photographs	\boxtimes	
Worksheet 4.0	\boxtimes		Design Calculations		\boxtimes
Worksheet 4.1		\boxtimes	Solids Management Plan		\boxtimes
Worksheet 5.0		\boxtimes	Water Balance		\boxtimes
Worksheet 6.0		\boxtimes	RECEIVED		
Worksheet 7.0	Ò		JUL 1 1 2024		
			Wa'er Quality Applications raam		
For TCEQ Use Only			Description of the second of t	700	
Segment Number Expiration Date Permit Number					

Administrative Reports

S COMMISSION OF THE PROPERTY O

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs, except applications for oil and gas extraction operations subject to 40 CFR Part 435. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report.

Applications for oil and gas extraction operations subject to 40 CFR Part 435 must use the Oil and Gas Exploration and Production Administrative Report (<u>TCEQ Form-20893 and 20893-inst</u>).

It	em 1. Application Information and Fees (Instructions, Page 26)
a.	Complete each field with the requested information, if applicable.
	Applicant Name: Holiday Beach Water Supply Corporation
	Permit No.: <u>WQ0004290000</u>
	EPA ID No.: <u>TX00123871</u>
	Expiration Date: <u>17 March 2025</u>
b.	Check the box next to the appropriate authorization type.
	☑ Industrial Wastewater (wastewater and stormwater)
	□ Industrial Stormwater (stormwater only)
C.	Check the box next to the appropriate facility status.
d.	Check the box next to the appropriate permit type.
	□ TPDES Permit □ TLAP □ TPDES with TLAP component
e.	Check the box next to the appropriate application type.
	□ New
	☐ Renewal with changes ☐ Renewal without changes
	\square Major amendment with renewal \square Major amendment without renewal
	☐ Minor amendment without renewal
	☐ Minor modification without renewal
f.	If applying for an amendment or modification, describe the request: Click to enter text.
For	TCEQ Use Only
Seg	ment NumberCounty
	riation DateRegion mit Number

¹ https://www.tceq.texas.gov/publications/search_forms.html

g. Application Fee

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Minor facility not subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	□ \$350	□ \$350	□ \$315	□ \$150
Minor facility subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	□ \$1,250	□ \$1,250	⊠ \$1,215	□ \$150
Major facility	N/A ²	□ \$2,050	□ \$2,015	□ \$450

h. Payment Information

Mailed

Check or money order No.: Click to enter text.

Check or money order amt.: Click to enter text.

Named printed on check or money order: Click to enter text.

Epay

Voucher number: <u>707414</u>, <u>707415</u>

Copy of voucher attachment: Attachment 1

Item 2. Applicant Information (Instructions, Pages 26)

a. Customer Number, if applicant is an existing customer: <u>CN6000654644</u> **Note:** Locate the customer number using the TCEO's Central Registry Customer Search³.

b. Legal name of the entity (applicant) applying for this permit: <u>Holiday Beach Water Supply</u> <u>Corporation</u>

Note: The owner of the facility must apply for the permit. The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Click to enter text.

Full Name (Last/First Name): Gill David

Title: President

Credential: Click to enter text.

d. Will the applicant have overall financial responsibility for the facility?

\boxtimes Ye	S L	No
----------------	-----	----

² All facilities are designated as minors until formally classified as a major by EPA.

³ https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch

Shopping Cart

Select Fee

Search Transactions

Sign Out

Your transaction is complete. Thank you for using TCEQ ePay.

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.

-Transaction Information -

Trace Number: 582EA000612153

Date: 05/30/2024 10:41 AM

Payment Method: CC - Authorization 000003090G

ePay Actor: HOLIDAY BEACH WATER SUPPL

Actor Email: water@hbwsc.com

IP: 75.87.65.138

TCEQ Amount: \$1,215.00 Texas.gov Price: \$1,242.59*

Payment Contact Information –

Name: VERNON HALE

Company: HOLIDAY BEACH WATER SUPPLY CORP

Address: 8 ST CHARLES LOOP, ROCKPORT, TX 78382

Phone: 361-205-3184

Cart Items

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
707414	WW PERMIT - MINOR FACILITY SUBJECT TO 40 CFR 400-471 - RENEWAL		\$1,200.00
707415	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE		\$15.00
	то	CEQ Amount:	\$1,215.00

^{*} This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

ePay Again Exit ePay

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.

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Note: The entity with overall financial responsibility for the facility must apply as a coapplicant, if not the facility owner.

Item 3. Co-applicant Information (Instructions, Page 27)

☑ Check this box if there is no co-applicant.; otherwise, complete the below questions.

a. Legal name of the entity (co-applicant) applying for this permit: Click to enter text.

Note: The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

b. Customer Number (if applicant is an existing customer): CNClick to enter text.

Note: Locate the customer number using the TCEQ's Central Registry Customer Search.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Click to enter text.

Full Name (Last/First Name): Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

d. Will the co-applicant have overall financial responsibility for the facility?

□ Yes □ No

Note: The entity with overall financial responsibility for the facility must apply as a coapplicant, if not the facility owner.

Item 4. Core Data Form (Instructions, Pages 27)

a. Complete one Core Data Form (TCEQ Form 10400) for each customer (applicant and coapplicant(s)) and include as an attachment. If the customer type selected on the Core Data Form is Individual, complete Attachment 1 of the Administrative Report. Attachment: Attachment 2

Item 5. Application Contact Information (Instructions, Page 27)

Provide names of two individuals who can be contact for additional information about this application. Indicate if the individual can be contact about administrative or technical information, or both.

a. 🛮 Administrative Contact

. 🗵 Technical Contact

Prefix: Click to enter text.

Full Name (Last/First Name): Hale, Vernon

Title: Operator/Manager

Credential: Click to enter text.

Organization Name: Holiday Beach Water Supply Corp.

Mailing Address: 2611 Hwy. 35 North

City/State/Zip: Rockport Tx, 78382

Phone No: (361)205-3184

Email: water@hbwsc.com

b. ⊠ Administrative Contact

□ Technical Contact

Prefix: Click to enter text.

Full Name (Last/First Name): Gill, David

Title: President

Credential: Click to enter text.

Organization Name: Holiday Beach Water Supply Corp.

Core Data Form



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

Reason for Submission (// New Permit, Registration		ed please describe in space p n (Core Data Form should be		n the pro	gram application.)			
Renewal (Core Data Form	should be subm	itted with the renewal form	1)		Other			
2. Customer Reference Num	nber (if issued)		link to search N numbers in	3. Re	gulated Entity Re	eference	e Number (if is	ssued)
CN 600654644			Registry**	RN :	103014965	•	8.	
SECTION II: C	ustome	r Informatio	<u>on</u>	20				
4. General Customer Inform	nation	5. Effective Date for C	Customer Info	rmation	Updates (mm/dd	/уууу)		4/8/2024
☐ New Customer ☐ Change in Legal Name (Verifi		Jpdate to Customer Informatexas Secretary of State or Te		10000000	nge in Regulated En ic Accounts)	itity Own	ership	i i i i i i i i i i i i i i i i i i i
The Customer Name submit (SOS) or Texas Comptroller			lly based on w	vhat is c	current and active	e with t	he Texas Secr	etary of State
6. Customer Legal Name (if a	an individual, pr	int last name first: eg: Doe, .	John)		If new Customer,	enter pr	evious Custome	er below:
Holiday Beach Water Supply Co	pora0on		٧.					
7. TX SOS/CPA Filing Number	r	8. TX State Tax ID (11 o	B. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)		10. DUNS Number (if applicable)	
					742729275		,	
11. Type of Customer:		tion] Individual Partn		Partne	nership: General Limited	
Government: City County	☐ Federal ☐	Local State Other] Sole Pr	oprietorship	Oth	ner:	
12. Number of Employees					13. Independen	tly Owi	ned and Oper	ated?
☑ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher ☑ Yes ☐ No								
14. Customer Role (Proposed	or Actual) – <i>as i</i>	t relates to the Regulated Er	ntity listed on th	is form.	Please check one of	the follo	wing	
	perator Responsible Pa	Owner & Opera			Other:			
Holiday Beach V	Vater Supply Co	rpora0on	***************************************					
2611 Hwy 35 No	orth							
City Rock	port	State	TX	ZIP	78382		ZIP + 4	

TCEQ-10400 (11/22) Page 1 of 3

							large production and the second		
16. Country Mailing Information (if outside USA)					17. E-Mail Address (if applicable)				
197									
18. Telephone Number	-	e 54 _	19. Extension	or Cod	le	20.	Fax Number (if	applicable)	
(361) 205-3184						() -		
SECTION III	: Regu	lated E	ntity Info	rma	ation				
21. General Regulated E	ntity Informa	ation (If 'New	Regulated Entity" is se	elected,	a new permit o	application is	s also required.)		
New Regulated Entity	Update to	Regulated Ent	ity Name 🛛 Updat	te to Re	gulated Entity	Information			
The Regulated Entity Na as Inc, LP, or LLC).	me submitte	d may be up	dated, in order to n	neet T(CEQ Core Dat	a Standard	ls (removal of o	organizatio	nal endings such
22. Regulated Entity Nar	ne (Enter nam	e of the site wi	here the regulated act	ion is to	aking place.)				
Holiday Beach Water Supply	/ Corpora⊖on								
23. Street Address of	8 St. Charles	Loop East (Ho	liday Beach						
the Regulated Entity:					- 119				×
(No PO Boxes)	City	Rockport	State	тх	TX ZIP 78382		82	ZIP + 4	9
24. County	Aransas				1	- 1			
	-	If no Str	eet Address is prov	rided, f	ields 25-28 a	re require	d.		√
25. Description to									
Physical Location:	8 St. Charles	Loop East (Hol	iday Beach						-
26. Nearest City					510000	State	•	Nea	rest ZIP Code
Rockport						Tx		7835	8
Latitude/Longitude are re used to supply coordinate		5.	5 5			andards. (0	Geocoding of th	he Physical	Address may be
27. Latitude (N) In Decim	al:				28. Longitud	de (W) In D	ecimal:		
Degrees	Minutes		Seconds		Degrees		Minutes		Seconds
28	2)	47.772		96		59		39.4794
29. Primary SIC Code	30. S	econdary SIC	Code	31. F	Primary NAIC	S Code	32. Seco	ndary NAIC	S Code
(4 digits)	(4 dig	rits)			6 digits)		(5 or 6 dig	gits)	
4941				2213	10				
33. What is the Primary B	usiness of th	is entity? (Do not repeat the SIC o	or NAICS	S description.)				
Provide Drinking water to 850) customers								
34. Mailing	Holiday Bea	ch Water Supp	oly Corp.						
Address:	2611 Hwy 3	511 Hwy 35 North							

TCEQ-10400 (11/22) Page 2 of 3

		City	Rockport		State	TX		ZIP	78382	ZIP+4		
35. E-Mail Addr	ess:	wat	er@hbwsc.c	om						The second section		
36. Telephone N	lumber			37.	Extension or	Code		38. F	ax Number (if a	pplicable)		
(361) 205-3184							ere Tento	() -			
39. TCEQ Progra n form. See the Core I	ns and ID No Data Form ins	umbers Ch structions fo	eck all Prog or additional	rams and w	rite in the peri	mits/regist	ration i	numbers	that will be affect	ted by the updates su	omitted on this	
☐ Dam Safety		Distr	ícts	Edw	ards Aquifer			Emission	s Inventory Air	☐ Industrial H	azardous Waste	
☐ Municipal Solid	l Waste	☐ New Review		OSSF				Petroleum Storage Tank		⊠ PWS	⊠ PWS	
Sludge		Storr	Storm Water Title V Air			Tires				Used Oil		
☐ Voluntary Clear	☐ Voluntary Cleanup ☐ Wastewater		ewater	☐ Wastewater Agriculture			☐ Water Rights			Other:		
SECTION	IV: Pı	epar	er Inf	orma	<u>ition</u>				A			
0. Name: Ve	rnon Hale					41. Title	:	Water O	perator/Manage			
2. Telephone Nui	mber	43. Ext./0	Code 4	14. Fax Nu	ımber	45. E-1	Viail A	ddress				
361) 205-3184) -		water@	hbwsc	.com				
SECTION	V: Au	thori	zed S	ignat	ure				Alleren i de la compania de la comp			
6. By my signature I	below, I certif n behalf of th	fy, to the be	est of my kno ecified in Sec	owledge, th	at the informa d 6 and/or as r	tion provid	led in t	his form odates to	is true and compl the ID numbers i	ete, and that I have si dentified in field 39.	gnature authori	
ompany:	Holiday Bea	ach Water S	upply Corpo	ora Oon		Job Title	:	Preside	nt			
ame (In Print):	David Gill	\bigcap							Phone:	(361) 205- 7108		
gnature:	(1	DAL	M	XIII	2			<u> </u>	Date:	625-24	/	

Mailing Address: 2611 Hwy 35 North City/State/Zip: Rockport Tx., 78382

Phone No: (361)205-7108 Email: Gilldavid710@yahoo.com

Attachment: Click to enter text.

Item 6. Permit Contact Information (Instructions, Page 28)

Provide two names of individuals that can be contacted throughout the permit term.

a. Prefix: Click to enter text. Full Name (Last/First Name): Gill, David

Title: President Credential: Click to enter text.

Organization Name: Holiday Beach Water Supply Corp.

Mailing Address: 2611 Hwy. 35 North City/State/Zip: Rockport Tx., 78382

Phone No: (361)205-7108 Email: Gilldavid710@yahoo.com

b. Prefix: <u>Click to enter text.</u> Full Name (Last/First Name): Neil Adams

Title: <u>Vice President</u> Credential: <u>Click to enter text.</u>

Organization Name: Holiday Beach Water Supply Corp

Mailing Address: 9855 Briarwild City/State/Zip: Houston Tx., 77080

Phone No: 832-265-1182 Email: adams@hbwsc.com

Attachment: Click to enter text.

Item 7. Billing Contact Information (Instructions, Page 28)

The permittee is responsible for paying the annual fee. The annual fee will be assessed for permits **in effect on September 1 of each year**. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (form TCEQ-20029).

Provide the complete mailing address where the annual fee invoice should be mailed and the name and phone number of the permittee's representative responsible for payment of the invoice.

Prefix: Click to enter text. Full Name (Last/First Name): Hale Vernon

Title: Operator/Manager Credential: Click to enter text.

Organization Name: Holiday Beach Water Supply Corp

Mailing Address: 2611 Hwy. 35 North City/State/Zip: Rockport Tx., 78382

Phone No: (361)205-3184 Email: water@hbwsc.com

Item 8. DMR/MER Contact Information (Instructions, Page 28)

Provide the name and mailing address of the person delegated to receive and submit DMRs or MERs. **Note:** DMR data must be submitted through the NetDMR system. An electronic reporting account can be established once the facility has obtained the permit number.

Prefix: Click to enter text. Full Name (Last/First Name): Hale Vernon

Title: Operator/Manager Credential: Click to enter text.

Organization Name: Holiday Beach Water Supply Corp.

Mailing Address: 2611 Hwy. 35 North City/State/Zip: Rockport Tx., 78382

Phone No: (361)205-3184 Email: water@hbwsc.com

Item 9. Notice Information (Instructions, Pages 28)

a. Individual Publishing the Notices

Prefix: Click to enter text.

Full Name (Last/First Name): Hale Vernon

Title: Operator/Manager

Credential: Click to enter text.

Organization Name: Holiday Beach Water Supply Corp

Mailing Address: <u>2611 Hwy. 35 North</u>

City/State/Zip: Rockport Tx., 78382

Phone No: (361)205-3184

Email: water@hbwsc.com

b. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package (only for NORI, NAPD will be sent via regular mail)

⊠ E-mail: <u>water@hbwsc.com</u>

☐ Fax: Click to enter text.

☑ Regular Mail (USPS)

Mailing Address: 2611 Hwy 35 North

City/State/Zip Code: Rockport Tx. 78382

c. Contact in the Notice

Prefix: Click to enter text.

Full Name (Last/First Name): Hale Vernon

Title: Operator/Manager

Credential: Click to enter text.

Organization Name: Holiday Beach Water Supply Corp.

Phone No: (361)205-3184

Email: water@hbwsc.com

d. Public Viewing Location Information

Note: If the facility or outfall is located in more than one county, provide a public viewing place for each county.

Public building name: <u>Aransas County Courthouse County Clerk's Office</u>
Location within the building: <u>Main Entrance on the bulletin board</u>

Physical Address of Building: 2840 Hwy 35 N

City: Rockport County: Aransas

e. Bilingual Notice Requirements

This information is required for new, major amendment, minor amendment or minor modification, and renewal applications.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine if an alternative language notice(s) is required.

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

		□ Yes ⊠ No
		If no, publication of an alternative language notice is not required; skip to Item 8 (Regulated Entity and Permitted Site Information.)
	2.	Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?
		□ Yes □ No
	3.	Do the students at these schools attend a bilingual education program at another location?
		□ Yes □ No
	4.	Would the school be required to provide a bilingual education program, but the school has waived out of this requirement under 19 TAC §89.1205(g)?
		□ Yes □ No □ N/A
	5.	If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program? <u>Click to enter text.</u>
f.		in Language Summary Template – Complete the Plain Language Summary (TCEQ Form 972) and include as an attachment. Attachment: <u>Click to enter text.</u>
g.	for	mplete one Public Involvement Plan (PIP) Form (TCEQ Form 20960) for each application a new permit or major amendment and include as an attachment. Attachment: <u>Click to ter text.</u>
It	em	10. Regulated Entity and Permitted Site Information (Instructions
		Page 29)
a.	TC	EQ issued Regulated Entity Number (RN), if available: RN103014965
	No ma the	te: If your business site is part of a larger business site, a Regulated Entity Number (RN) y already be assigned for the larger site. Use the RN assigned for the larger site. Search TCEQ's Central Registry to determine the RN or to see if the larger site may already be istered as a Regulated Entity. If the site is found, provide the assigned RN.
b.		ne of project or site (the name known by the community where located): <u>Holiday Beach</u> ter Supply Corp
c.	Is t	he location address of the facility in the existing permit the same?
		Yes □ No □ N/A (new permit)
	Not Will	e: If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or liamson County, additional information concerning protection of the Edwards Aquifer be required.
d.	Owi	ner of treatment facility:
	Pref	fix: <u>Click to enter text.</u> Full Name (Last/First Name): <u>Click to enter text.</u>
	or C	Organization Name: <u>Holiday Beach Water Supply Corp</u>
	Mai	ling Address: 2611 Hwy. 35 North City/State/Zip: Rockport Tx., 78382
	Pho	ne No: <u>(361)205-3184</u> Email: <u>water@hbwsc.com</u>
e.	Owr	nership of facility: Public Private Both Federal

f.	f. Owner of land where treatment facility	is or will be: <u>Click to enter text.</u>	
	Prefix: <u>Click to enter text.</u> Full Nam	e (Last/First Name): <u>Click to enter text.</u>	
	or Organization Name: <u>Holiday Beach W</u>	Vater Supply Corp.	
	Mailing Address: 2611 Hwy. 35 North	City/State/Zip: Rockport Tx.,	78382
	Phone No: <u>(361)205-3184</u> Email: <u>wa</u>	ater@hbwsc.com	
		ner, attach a long-term lease agreement in emay not suffice - see instructions). Atta	
g.	g. Owner of effluent TLAP disposal site (if	applicable): <u>Click to enter text.</u>	
Ü	Prefix: <u>Click to enter text.</u> Full Name	e (Last/First Name): <u>Click to enter text.</u>	
	or Organization Name: Click to enter te	xt.	
	Mailing Address: Click to enter text.	City/State/Zip: Click to enter	text.
	Phone No: Click to enter text. Email: Cli	ck to enter text.	
	Note: If not the same as the facility own at least six years. Attachment: <u>Click to e</u>	ner, attach a long-term lease agreement in enter text.	ı effect for
h.	a. Owner of sewage sludge disposal site (if	f applicable):	
	Prefix: <u>Click to enter text.</u> Full Name	e (Last/First Name): <u>Click to enter text.</u>	
	or Organization Name: Click to enter tex	<u>xt.</u>	
	Mailing Address: Click to enter text.	City/State/Zip: Click to enter	text.
	Phone No: Click to enter text. Email: Clic	k to enter text.	
	Note: If not the same as the facility own at least six years. Attachment: <u>Click to e</u>	er, attach a long-term lease agreement in enter text.	ı effect for
It	tem 11. TDPES Discharge/TLAP Page 31)	Disposal Information (Instruct	tions,
a	. Is the facility located on or does the trea	ated effluent cross Native American Land	12
α.	☐ Yes ☒ No	ted criticin cross runive rancincum band	.•
b.	. Attach an original full size USGS Topogr renewal or amendment applications) wit each item below to confirm it has been i	h all required information. Check the bo	
	□ One-mile radius	\square Three-miles downstream informat	ion
	☑ Applicant's property boundaries	\square Treatment facility boundaries	
	☑ Labeled point(s) of discharge	☐ Highlighted discharge route(s)	
	☐ Effluent disposal site boundaries	☐ All wastewater ponds	
	☐ Sewage sludge disposal site	☐ New and future construction	
	Attachment: Click to enter text.		
c.	Is the location of the sewage sludge disp	osal site in the existing permit accurate?	1
	\square Yes \square No or New Permit		
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	ino, or a new application, provide an accurate rocation description.
d.	Are the point(s) of discharge in the existing permit correct? ☑ Yes □ No or New Permit
	If no, or a new application, provide an accurate location description: Click to enter text.
e.	Are the discharge route(s) in the existing permit correct? ☑ Yes □ No or New Permit
	If no, or a new permit, provide an accurate description of the discharge route: <u>Click to enter text.</u>
f.	City nearest the outfall(s): <u>Rockport</u>
g.	County in which the outfalls(s) is/are located: <u>Aransas</u>
h.	Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?
	□ Yes ⊠ No
	If yes, indicate by a check mark if: \square Authorization granted \square Authorization pending
	For new and amendment applications, attach copies of letters that show proof of contact and provide the approval letter upon receipt. Attachment: <u>Click to enter text.</u>
	For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: <u>Click to enter text.</u>
i,	For TLAPs, is the location of the effluent disposal site in the existing permit accurate?
	☐ Yes No or New Permit ☐ <u>Click to enter text.</u>
	If no, or a new application, provide an accurate location description: Click to enter text.
j.	City nearest the disposal site:
k.	County in which the disposal site is located:
l.	For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: $\underline{N/A}$
m.	For TLAPs, identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: N/A

Item 12. Miscellaneous Information (Instructions, Page 33)

a.	Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?
	□ Yes ⋈ No
	If yes, list each person: <u>Click to enter text.</u>
b.	Do you owe any fees to the TCEQ?
	□ Yes ⊠ No
	If yes, provide the following information:
	Account no.: Click to enter text.
	Total amount due: <u>Click to enter text.</u>
c.	Do you owe any penalties to the TCEQ?
	□ Yes ⊠ No
	If yes, provide the following information:
	Enforcement order no.: Click to enter text.
	Amount due: Click to enter text.

Item 13. Signature Page (Instructions, Page 33)

Permit No: WQ0004290000

Applicant Name: Holiday Beach Water Supply Corporation

Certification: I, <u>David Gill</u>, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign and submit this document and can provide documentation in proof of such authorization upon request.

Signatory name	(typed	or	printed):	David	Gill
0-0	(c) Pecc	~	printed.	Duviu	OILL

Signatory title: President

Signature:	Xelle 1880	Date:	6.25-24
	(Use blue ink)		1

Subscribed and Sworn to before me by the said Dayd 51

on this $\frac{1}{2028}$. My commission expires on the $\frac{1}{2028}$.

<u>Notary Public</u>

Rilia

County, Texas COUNTY, ARLAWSAS

Note: If co-applicants are necessary, each entity must submit an original, separate signature page.

JEANETTE WESTRICK
BENTON COUNTY
NOTARY PUBLIC ARKANSAS
My Commission Expires May 18, 2028
Commission No. 12704367

INDUSTRIAL WASTEWATER PERMIT APPLICATION SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: Attachment 3

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if mailing the payment. (Instructions, Page 36-37)

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- Do not mail this form with the application form.
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality Financial Administration Division

Financial Administration Division Cashier's Office, MC-214

P.O. Box 13088

Austin, Texas 78711-3088

Texas Commission on Environmental Quality

Financial Administration Division

Cashier's Office, MC-214 12100 Park 35 Circle

Austin, Texas 78753

Fee Code: WQP Permit No: WQ000Click to enter text.

- 1. Check or Money Order Number: Click to enter text.
- 2. Check or Money Order Amount: Click to enter text.
- 3. Date of Check or Money Order: Click to enter text.
- 4. Name on Check or Money Order: Click to enter text.
- 5. APPLICATION INFORMATION

Name of Project or Site: Click to enter text.

Physical Address of Project or Site: Click to enter text.

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application. Attachment: Click to enter text.

Staple Check or Money Order in This Space

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:	Nin on Amondan out Nov
Application type:RenewalMajor An	12
County:	l l
Admin Complete Date:	-
Agency Receiving SPIF:	
Texas Historical Commission	
Texas Parks and Wildlife Department	U.S. Army Corps of Engineers
This form applies to TPDES permit application	<u>is only.</u> (Instructions, Page 53)
	EQ will mail a copy to each agency as required by not completely addressed or further information formation before issuing the permit. Address
Do not refer to your response to any item in that attachment for this form separately from the Acapplication will not be declared administratively completed in its entirety including all attachmentary be directed to the Water Quality Division's semail at <a "="" "<="" href="https://www.www.www.www.www.www.www.www.www.w</td><td>dministrative Report of the application. The complete without this SPIF form being nts. Questions or comments concerning this form Application Review and Processing Team by</td></tr><tr><td>The following applies to all applications:</td><td></td></tr><tr><td>1. Permittee: Holiday Beach Water Supply Corpo</td><td><u>oration</u></td></tr><tr><td>Permit No. WQ00 <u>04290000</u></td><td>EPA ID No. TX <u>0123871</u></td></tr><tr><td>and county):</td><td>tion that includes street/highway, city/vicinity,</td></tr><tr><td>5 St. Charles Loon (Holidav Beach) Water Plan</td><td><u>ıt Rockport Texas Aransas Countv</u></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td>*</td></tr><tr><td></td><td>*</td></tr><tr><td></td><td></td></tr><tr><td>" td=""><td></td>	

	Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.						
	Prefix (Mr., Ms., Miss):						
	First a	and Last Name: <u>Vernon Hale</u>					
	Crede	ential (P.E, P.G., Ph.D., etc.):					
	Title:	Operator/Manager					
	Mailir	ng Address: <u>2611 Hwy. 35 North</u>					
	City, S	State, Zip Code: <u>Rockport Tx. 78382</u>					
	Phone	e No.: (361)205-3184 Ext.: Fax No.:					
	E-mai	l Address: <u>water@hbwsc.com</u>					
2.	List th	ne county in which the facility is located: <u>Aransas</u>					
3.	please	property is publicly owned and the owner is different than the permittee/a list the owner of the property.	pplicant,				
	N/A						
4.	Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.						
	From	plant site via 2" pvc pipe to tidal ditch then out to Copano Bay					
5.	plotted route	provide a separate 7.5-minute USGS quadrangle map with the project bourd and a general location map showing the project area. Please highlight the from the point of discharge for a distance of one mile downstream. (This med in addition to the map in the administrative report).	discharge				
	Provid	e original photographs of any structures 50 years or older on the property.					
	Does y	our project involve any of the following? Check all that apply.					
		Proposed access roads, utility lines, construction easements					
	500.00 Est	Visual effects that could damage or detract from a historic property's inte	egrity				
		Vibration effects during construction or as a result of project design					
		Additional phases of development that are planned for the future					
	237/4	Sealing caves, fractures, sinkholes, other karst features					
TCE	CEQ-20971 (08/31/2023) Page 2 of 3						
was	tewater II	ndividual Permit Application, Supplemental Permit Information Form (SPIF)					

	☐ Disturbance of vegetation or wetlands
1.	List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):
	<u>N/A</u>
2.	Describe existing disturbances, vegetation, and land use:
	N/A
L L	IE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR
	MENDMENTS TO TPDES PERMITS
3.	List construction dates of all buildings and structures on the property:
	N/A
4. _	Provide a brief history of the property, and name of the architect/builder, if known.
	N/A
_	

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of industrial wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305 by checking the box next to the item. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until all items below are addressed.

the application with an items below are addressed.
□ Core Data Form (TCEQ Form No. 10400) (Required for all applications types. Must be completed in its entirety and signed. Note: Form may be signed by applicant representative.)
□ Correct and Current Industrial Wastewater Permit Application Forms (TCEQ Form Nos. 10055 and 10411. Version dated 5/10/2019 or later.)
 ⊠ 7.5 Minute USGS Quadrangle Topographic Map Attached (Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments.)
⊠ N/A □ Current/Non-Expired, Executed Lease Agreement or Easement Attached
 Things to Know: All the items shown on the map must be labeled. The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant. The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility. If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.
 ☑ N/A ☐ Landowners Cross Reference List (See instructions for landowner requirements.)
☐ Original signature per 30 TAC § 305.44 – Blue Ink Preferred (If signature page is not signed by an elected official or principle executive officer, a copy of signature authority/delegation letter must be attached)

☑ Plain Language Summary

TCEQ-10411 (01/08/2024) Industrial Wastewater Application Administrative Report

Technical Report

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



INDUSTRIAL WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

The following information **is required** for all applications for a TLAP or an individual TPDES discharge permit.

For **additional information** or clarification on the requested information, please refer to the <u>Instructions for Completing the Industrial Wastewater Permit Application</u>¹ available on the TCEQ website. Please contact the Industrial Permits Team at 512-239-4671 with any questions about this form.

If more than one outfall is included in the application, provide applicable information for each individual outfall. **If an item does not apply to the facility, enter N/A** to indicate that the item has been considered. Include separate reports or additional sheets as **clearly cross-referenced attachments** and provide the attachment number in the space provided for the item the attachment addresses.

NOTE: This application is for an industrial wastewater permit only. Additional authorizations from the TCEQ Waste Permits Division or the TCEQ Air Permits Division may be needed.

Item 1. Facility/Site Information (Instructions, Page 39)

a. Describe the general nature of the business and type(s) of industrial and commercial

activities. Include all applicable SIC codes (up to 4).			
We provide drinking water to the community via 2 Reverse Osmosis systems. The only wastewater we have at this business is the discharge from the R.O. systems			

b. Describe all wastewater-generating processes at the facility.

Raw water is pumped from the water wells to a reverse osmosis unit which takes out impurities in the water. The impurities (chlorides and total dissolved solids) are then pumped to a sump tank which is then pumped out through a discharge line to the outfall.

https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES_industrial_wastewater_steps.html

facility.					
Materials List Raw Materials	Intermediate Products	Final Products			
N/A					
Attachment: Click to	o enter text.				
d. Attach a facility map	o (drawn to scale) with the following ir	nformation:			
 Production areas and water intake 	, maintenance areas, materials-handlir structures.	ng areas, waste-disposal areas,			
	sumps, impoundments, outfalls, and sampling points, if significantly different from				
Attachment: Click to	o enter text.				
e. Is this a new permit	application for an existing facility?				
□ Yes ⊠	No				
If yes , provide ba	ackground discussion: Click to enter to	ext.			
f. Is/will the treatment level.	facility/disposal site be located above	e the 100-year frequency flood			
⊠ Yes □	No				
List source(s) used to	determine 100-year frequency flood	plain: <u>FEMA Maps</u>			
protective measures	evation of the 100-year frequency flood are used/proposed to prevent floodin ols) of the treatment facility and dispo	g (including tail water and			
Attachment: Click to	enter text.				
	nendment permit applications, will an material into a water in the state?	y construction operations result			
□ Yes □	No ⊠ N/A (renewal only)				

c. Provide a list of raw materials, major intermediates, and final products handled at the

h.	If yes to Item 1.g, has the applicant applied for a USACE CWA Chapter 404 Dredge and Fill permit?
	□ Yes □ No
	If yes , provide the permit number: Click to enter text.
	If no , provide an approximate date of application submittal to the USACE: Click to enter text.
It	tem 2. Treatment System (Instructions, Page 40)
a.	List any physical, chemical, or biological treatment process(es) used/proposed to treat wastewater at this facility. Include a description of each treatment process, starting with initial treatment and finishing with the outfall/point of disposal.
	N/A
b.	Attach a flow schematic with a water balance showing all sources of water and wastewater flow into the facility, wastewater flow into and from each treatment unit, and wastewater flow to each outfall/point of disposal.
	Attachment: Click to enter text.
It	em 3. Impoundments (Instructions, Page 40)
Do	es the facility use or plan to use any wastewater impoundments (e.g., lagoons or ponds?)
	□ Yes ⊠ No
3.e	no, proceed to Item 4. If yes, complete Item 3.a for existing impoundments and Items 3.a - e for new or proposed impoundments. NOTE: See instructions, Pages 40-42, for additional formation on the attachments required by Items 3.a - 3.e.
a.	Complete the table with the following information for each existing, new, or proposed impoundment. Attach additional copies of the Impoundment Information table, if needed.
	Use Designation: Indicate the use designation for each impoundment as Treatment (T), Disposal (D), Containment (C), or Evaporation (E).

Associated Outfall Number: Provide an outfall number if a discharge occurs or will occur.

Liner Type: Indicate the liner type as Compacted clay liner (**C**), In-situ clay liner (**I**), Synthetic/plastic/rubber liner (**S**), or Alternate liner (**A**). **NOTE:** See instructions for further detail on liner specifications. If an alternate liner (A) is selected, include an attachment that provides a description of the alternate liner and any additional technical information necessary for an evaluation.

Leak Detection System: If any leak detection systems are in place/planned, enter Y for yes. Otherwise, enter N for no.

Groundwater Monitoring Wells and Data: If groundwater monitoring wells are in place/planned, enter **Y** for yes. Otherwise, enter **N** for no. Attach any existing groundwater monitoring data.

Dimensions: Provide the dimensions, freeboard, surface area, storage capacity of the impoundments, and the maximum depth (not including freeboard). For impoundments with irregular shapes, submit surface area instead of length and width.

Compliance with 40 CFR Part 257, Subpart D: If the impoundment is required to be in compliance with 40 CFR Part 257, Subpart D, enter Y for yes. Otherwise, enter N for no.

Date of Construction: Enter the date construction of the impoundment commenced (mm/dd/yy).

Impoundment Information

Parameter	Pond #	Pond #	Pond #	Pond #	
Use Designation: (T) (D) (C) or (E)					
Associated Outfall Number					
Liner Type (C) (I) (S) or (A)					
Alt. Liner Attachment Reference					
Leak Detection System, Y/N					
Groundwater Monitoring Wells, Y/N	2				
Groundwater Monitoring Data Attachment	* *				
Pond Bottom Located Above The Seasonal High-Water Table, Y/N					
Length (ft)					
Width (ft)		, , , , , , , , , , , , , , , , , , ,			
Max Depth From Water Surface (ft), Not Including Freeboard					
Freeboard (ft)					
Surface Area (acres)					
Storage Capacity (gallons)		6			
40 CFR Part 257, Subpart D, Y/N	1 4				
Date of Construction		Z.11.1.5.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	7		

Attachment: Click to enter text.

The following information (**Items 3.b** – **3.e**) is required only for **new or proposed** impoundments.

b.	For new or proposed impoundments, attach any available information on the following items. If attached, check yes in the appropriate box. Otherwise, check no or not yet designed .							
	1.	Lin	er data					
			Yes		No		Not yet designed	
	2.	Lea	k detecti	on s	ystem or	grou	ndwater monitoring data	
			Yes		No		Not yet designed	
	3.	Gro	oundwate	r im	pacts			
			Yes		No		Not yet designed	
	NOTE: Item b.3 is required if the bottom of the pond is not above the seasonal highwater table in the shallowest water-bearing zone.							
	At	tach	ment: Cl	ick to	o enter te	xt.		
Fo	For TLAP applications: Items 3.c - 3.e are not required, continue to Item 4.							
c.	Attach a USGS map or a color copy of original quality and scale which accurately locates and identifies all known water supply wells and monitor wells within ½-mile of the impoundments.							
	Atı	tach	ment: Cli	ick to	enter te	xt.		
d.	dat	a or	depths	to gr	oundwate	er fo	Reports (e.g., driller's logs, completion data, etc.), and rall known water supply wells including a description of ere obtained.	
	A 1-1	ach	mont Cli	ck to	antar to	vt		

e. Attach information pertaining to the groundwater, soils, geology, pond liner, etc. used to assess the potential for migration of wastes from the impoundments or the potential for contamination of groundwater or surface water.

Attachment: Click to enter text.

Item 4. Outfall/Disposal Method Information (Instructions, Page 42)

Complete the following tables to describe the location and wastewater discharge or disposal operations for each outfall for discharge, and for each point of disposal for TLAP operations.

If there are more outfalls/points of disposal at the facility than the spaces provided, copies of pages 6 and/0r numbered accordingly (i.e., page 6a, 6b, etc.) may be used to provide information on the additional outfalls.

For TLAP applications: Indicate the disposal method and each individual irrigation area I, evaporation pond E, or subsurface drainage system S by providing the appropriate letter designation for the disposal method followed by a numerical designation for each disposal area in the space provided for Outfall number (e.g. E1 for evaporation pond 1, I2 for irrigation area No. 2, etc.).

Outfall Longitude and Latitude

Outfall No.	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)
1	28.158806	-97.00075

Outfall Location Description

Outfall No.	Location Description
1	From plant site via 2"pvc pipe to a tidal ditch then out to Copano Bay
1000	
- 15 mg P - 10 mg	

Description of Sampling Point(s) (if different from Outfall location)

Outfall No.	Description of sampling point		
		* Ka 1 a	
		_	

Outfall Flow Information - Permitted and Proposed

Outfall No.	Permitted Daily Avg Flow (MGD)	Permitted Daily Max Flow (MGD)	Proposed Daily Avg Flow (MGD)	Proposed Daily Max Flow (MGD)	Anticipated Discharge Date (mm/dd/yy)
1	.12	.12	.12	.12	04/08/24
	9				
to I					

Outfall Discharge - Method and Measurement

Outfall No.	Pumped Discharge? Y/N	Gravity Discharge? Y/N	Type of Flow Measurement Device Used
1	Y	N	Digital Meter

Outfall Discharge - Flow Characteristics

Outfall No.	Intermittent Discharge? Y/N	Continuous Discharge? Y/N	Seasonal Discharge? Y/N	Discharge Duration (hrs/day)	Discharge Duration (days/mo)	Discharge Duration (mo/yr)
1	Y	Y	N	(8-16 per day)	31	12

Outfall Wastestream Contributions

Outfall No. Click to enter text.

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow

Outfall No. Click to enter text.

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
1/2		
	9	

Outfall No. Click to enter text.

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow

Attachment: Click to enter text.

Item 5. Blowdown and Once-Through Cooling Water Discharges (Instructions, Page 43)

a.	Indicate	if the	facility	currently	or	proposes	to:
----	----------	--------	----------	-----------	----	----------	-----

 \square Yes \boxtimes No Use cooling towers that discharge blowdown or other wastestreams

 \square Yes \boxtimes No Use boilers that discharge blowdown or other wastestreams

 \square Yes \boxtimes No Discharge once-through cooling water

NOTE: If the facility uses or plans to use cooling towers or once-through cooling water, Item 12 **is required**.

- b. If **yes** to any of the above, attach an SDS with the following information for each chemical additive.
 - Manufacturers Product Identification Number
 - Product use (e.g., biocide, fungicide, corrosion inhibitor, etc.)
 - Chemical composition including CASRN for each ingredient
 - · Classify product as non-persistent, persistent, or bioaccumulative
 - Product or active ingredient half-life
 - Frequency of product use (e.g., 2 hours/day once every two weeks)
 - Product toxicity data specific to fish and aquatic invertebrate organisms
 - Concentration of whole product or active ingredient, as appropriate, in wastestream.

In addition to each SDS, attach a summary of the above information for each specific wastestream and the associated chemical additives. Specify which outfalls are affected.

Attachment: Click to enter text.

c. Cooling Towers and Boilers

If the facility currently or proposes to use cooling towers or boilers that discharge blowdown or other wastestreams to the outfall(s), complete the following table.

Cooling Towers and Boilers

Type of Unit	Number of Units	Daily Avg Blowdown (gallons/day)	Daily Max Blowdown (gallons/day)
Cooling Towers			
Boilers			

Item 6. Stormwater Management (Instructions, Page 44)

Will any existing/proposed outfalls discharge stormwater associated with industrial activities, as defined at $40 \ CFR \ \S \ 122.26(b)(14)$, commingled with any other wastestream?

□ Yes ⊠ No

If **yes**, briefly describe the industrial processes and activities that occur outdoors or in a manner which may result in exposure of the activities or materials to stormwater: Click to enter text.

Item 7. Domestic Sewage, Sewage Sludge, and Septage Management and Disposal (Instructions, Page 44)

Domestic Sewage - Waste and wastewater from humans or household operations that is discharged to a wastewater collection system or otherwise enters a treatment works.

a.	. Check the box next to the appropriate method of d sludge treatment or disposal. Complete Worksheet	
	☐ Domestic sewage is routed (i.e., connected to or receive domestic sewage for treatment, disposal,	-
	☐ Domestic sewage disposed of by an on-site seption Item 7.b.	c tank and drainfield system. Complete
	□ Domestic and industrial treatment sludge ARE co	ommingled prior to use or disposal.
f.	☐ Industrial wastewater and domestic sewage are to sludge IS NOT commingled prior to sludge use or	
	\square Facility is a POTW. Complete Worksheet 5.0.	
	\square Domestic sewage is not generated on-site.	
	☐ Other (e.g., portable toilets), specify and Complet	e Item 7.b: Click to enter text.
b.	Provide the name and TCEQ, NPDES, or TPDES Perm which receives the domestic sewage/septage. If hau name and TCEQ Registration No. of the hauler.	
Do	omestic Sewage Plant/Hauler Name	
	ant/Hauler Name	Permit/Registration No.
		Permit/Registration No.
		Permit/Registration No.
Pla	em 8. Improvements or Compliance	e/Enforcement
Pla	ant/Hauler Name	e/Enforcement Page 45)
Pla	em 8. Improvements or Compliance Requirements (Instructions, I	e/Enforcement Page 45)
It.	em 8. Improvements or Compliance Requirements (Instructions, I Is the permittee currently required to meet any implenforcement?	e/Enforcement Page 45) lementation schedule for compliance or
It.	em 8. Improvements or Compliance Requirements (Instructions, I Is the permittee currently required to meet any implenforcement? Yes No	e/Enforcement Page 45) lementation schedule for compliance or

I	tem 9. Toxicity Testing (Instructions, Page 45)
	ave any biological tests for acute or chronic toxicity been made on any of the discharges or a receiving water in relation to the discharge within the last three years?
	□ Yes ⊠ No
If	yes, identify the tests and describe their purposes: Click to enter text.
	dditionally, attach a copy of all tests performed which have not been submitted to the TCEQ EPA. Attachment: Click to enter text.
It	em 10. Off-Site/Third Party Wastes (Instructions, Page 45)
a.	Does or will the facility receive wastes from off-site sources for treatment at the facility, disposal on-site via land application, or discharge via a permitted outfall?
	□ Yes ⊠ No
	If yes , provide responses to Items 10.b through 10.d below.
	If no , proceed to Item 11.
b.	Attach the following information to the application:
	 List of wastes received (including volumes, characterization, and capability with on-site wastes).
	 Identify the sources of wastes received (including the legal name and addresses of the generators).
	• Description of the relationship of waste source(s) with the facility's activities.
	Attachment: Click to enter text.
c.	Is or will wastewater from another TCEQ, NPDES, or TPDES permitted facility commingled with this facility's wastewater after final treatment and prior to discharge via the final outfall/point of disposal?
	□ Yes □ No
	If yes , provide the name, address, and TCEQ, NPDES, or TPDES permit number of the contributing facility and a copy of any agreements or contracts relating to this activity.
	Attachment: Click to enter text.
d.	Is this facility a POTW that accepts/will accept process wastewater from any SIU and has/is required to have an approved pretreatment program under the NPDES/TPDES program?
	□ Yes □ No
If y	ves, Worksheet 6.0 of this application is required.
Ite	em 11. Radioactive Materials (Instructions, Page 46)
a.	Are/will radioactive materials be mined, used, stored, or processed at this facility?
	□ Yes ⊠ No
	If yes , use the following table to provide the results of one analysis of the effluent for all

Radioactive Mate	erial Name		Concentration (pCi/L)	
	and the same of th			
radioactive ma		the discharg	knowledge or reason to believe e, including naturally occurring facility property?	
If yes , use the radioactive ma	following table to provide aterials that may be preser	nt. Provide re	of one analysis of the effluent fesults in pCi/L. Do not include	or all
	rovided in response to Iter			
	als Present in the Discharge	:	Composituation (wCi/I)	
Radioactive Mate	riai Name		Concentration (pCi/L)	
Item 12 Cod	oling Water (Instr	uctions	Page 46)	- W
THE RESIDENCE OF THE PROPERTY		Constitution of the Consti		
	ty use or propose to use w	ater for cool	ing purposes?	
□ Yes	⊠ No			
If no , stop here	e. If yes , complete Items 1	2.b thru 12.f		
b. Cooling water i	s/will be obtained from a	groundwate	r source (e.g., on-site well).	
☐ Yes	□ No			
If yes , stop her	e. If no , continue.			
c. Cooling Water	Supplier			
	-		C al CIUTO al la	11
	name of the owner(s) and er for cooling purposes to		for the CWIS that supplies or wi	Ш
Cooling Water Intak	e Structure(s) Owner(s) and	Operator(s)		
CWIS ID		F(5)		
Owner	8 8			
Operator				

		П	Yes	107	No	*						
		If no , cont	tinue. If y			ne PW	S Registra	ation No	o. and st	op here:	: PWS No	.Click to
		enter text			N							
	3.	Cooling w	13	ill be		d fron	n a reclair	ned wa	ter sour	ce?		
			Yes	-	No						propagation and the second	
		If no , cont text.	inue. If y	es, p	orovide tł	ie Rei	ise Autho	rizatio	n No. an	d stop h	ere: Clic	k to ente
	4.	Cooling w	ater is/w	ill be	obtained	l fron	n an Inder	penden	t Supplie	r		
			Yes		No							
		If no , proc Supplier's Click to er	CWIS tha									
d.	31	6(b) Genera	al Criteria	a								
	1.	The CWIS(_		s to the	facility l	has or w	ill have a
		12 E	Yes		No	4 4						
	2.	At least 25 exclusively								e used a	it the fac	ility
			Yes		No							
	3.	The CWIS(surface was 122.2.										
			Yes	28	No							
		If no , prov Waters of t									definitio	n of
		to all three full require					and the second s				eria to be	subject
be	sub	o any of the ject to the ed based up	full requ	ireme	ents of Se	ection	316(b) of					
e.		e facility do Section 316								t to the	fill requ	irements
		Yes □	No									
		ves, stop he ow for a det						ems 1.a	a, 1.b.1-3	and 6,	2.b.1, an	d 3.a to
f.	Oil	and Gas Ex	ploration	n and	Product	ion						
	OII	mark Sko La			- Lounce.							

2. Cooling water is/will be obtained from a Public Water Supplier (PWS)

1. The facility is subject to requirements at 40 CFR Part 435, Subparts A or D.

		LI TES LI NO
		If yes , continue. If no , skip to Item 12.g.
	2.	The facility is an existing facility as defined at 40 CFR \S 125.92(k) or a new unit at an existing facility as defined at 40 CFR \S 125.92(u).
		□ Yes □ No
		If yes , complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ. If no , skip to Item 12.g.3.
g.	Co	ompliance Phase and Track Selection
	1.	Phase I – New facility subject to 40 CFR Part 125, Subpart I
		□ Yes □ No
		If yes , check the box next to the compliance track selection, attach the requested information, and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.
		□ Track I – AIF greater than 2 MGD, but less than 10 MGD
		 Attach information required by 40 CFR §§ 125.86(b)(2)-(4).
		□ Track I - AIF greater than 10 MGD
		 Attach information required by 40 CFR § 125.86(b).
		□ Track II
		 Attach information required by 40 CFR § 125.86(c).
		Attachment: Click to enter text.
	2.	Phase II - Existing facility subject to 40 CFR Part 125, Subpart J
		□ Yes □ No
		If yes, complete Worksheets 11.0 through 11.3, as applicable.
	3.	Phase III - New facility subject to 40 CFR Part 125, Subpart N
		□ Yes □ No
		If yes , check the box next to the compliance track selection and provide the requested information.
		□ Track I – Fixed facility
		 Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.
		□ Track I – Not a fixed facility
		 Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Item 2 (except CWIS latitude/longitude under Item 2.a).
		□ Track II - Fixed facility
		 Attach information required by 40 CFR § 125.136(c) and complete Worksheet 11.0, Items 2 and 3.
		Attachment: Click to enter text.

Page 13 of 82

Item 13. Permit Change Requests (Instructions, Page 48)

This item is only applicable to existing permitted facilities. a. Is the facility requesting a major amendment of an existing permit? Yes If yes, list each request individually and provide the following information: 1) detailed information regarding the scope of each request and 2) a justification for each request. Attach any supplemental information or additional data to support each request. N/A b. Is the facility requesting any minor amendments to the permit? Yes X No If **yes**, list and describe each change individually. Click to enter text. c. Is the facility requesting any **minor modifications** to the permit? Yes No X If yes, list and describe each change individually. Click to enter text.

Item 14. Laboratory Accreditation (Instructions, Page 49)

All laboratory tests performed must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification, which includes the following general exemptions from National Environmental Laboratory Accreditation Program (NELAP) certification requirements:

- The laboratory is an in-house laboratory and is:
 - o periodically inspected by the TCEQ; or
 - o located in another state and is accredited or inspected by that state; or
 - o performing work for another company with a unit located in the same site; or
 - performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
- The laboratory supplies data for which the TCEQ does not offer accreditation.

The applicant should review 30 TAC Chapter 25 for specific requirements.

The following certification statement shall be signed and submitted with every application. See the *Signature Page* section in the Instructions, for a list of designated representatives who may sign the certification.

CERTIFICATION:

I certify that all laboratory tests submitted with this application meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

Printed Name: David Gill

Title: <u>President</u>

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 1.0: EPA CATEGORICAL EFFLUENT GUIDELINES

This worksheet **is required** for all applications for TPDES permits for discharges of wastewaters subject to EPA categorical effluent limitation guidelines (ELGs).

Item 1. Categ	orical Industries	s (Instructions, I	Page 53)
Is this facility subje	ct to any 40 CFR categor	ical ELGs outlined on pa	age 53 of the instructions?
□ Yes ⊠ N	0		
If no , this workshee	t is not required. If yes ,	provide the appropriate	information below.
40 CFR Effluent Guid	eline		
Industry		4	0 CFR Part
Y BY ALL THE			
2" e 14 - 1 - 1 - 1 - 1 - 1 - 1	s, en 6 18 6 °, on on ° on		
o with a second of the	SA BALLER H		
Anna San Ara			
Itam 2 Produ	ction/Process D	ata (Instructions	s Page 54)
of oil and gas explor	ation and production wa	stewater (discharges in	it coverage for discharges to or adjacent to water in
the state, falling und Worksheet 12.0, Item		ction Effluent Guideline	s - 40 CFR Part 435), see
	i z mstedu.		
a. Production Data			
Provide appropriate	data for effluent guidelin	nes with production-bas	ed effluent limitations.
Production Data			
Subcategory	Actual Quantity/Day	Design Quantity/Day	Units
and your own, A	5 g. 12 mcg 1954 8 5		

B		s, as required by 40 CFR Pa	art 414, Appendices A v
Percentage of Tota Subcategory	l Production Percent of Total Production	Appendix A and B - Metals	Appendix A - Cyanide
c. Refineries (40	CFR Part 419) cable subcategory and a b	orief justification	_
Click to enter text			
ener to effer text			
	*		
Item 3. Proc Page		Wastewater Flow	s (Instructions,
and non-process w discharge under th	vastewater flow(s). Specif his permit and the dispos	generated by the facility, in y which wastewater flows a cal practices for wastewate or discharge under this pen	are to be authorized for r flows, excluding

Item 4. New Source Determination (Instructions, Page 54)

Provide a list of all wastewater-generating processes subject to EPA categorical ELGs, identify the appropriate guideline Part and Subpart, and provide the date the process/construction commenced.

Wastewater Generating Processes Subject to Effluent Guidelines

Process	EPA Guideline Part	EPA Guideline Subpart	Date Process/ Construction Commenced
	,		
			V
		- n: I	
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		0 0	
	2		

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

- a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 04/19/2024 05/08/2024 Testing is attached
- b. \boxtimes Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.
- c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** Click to enter text.

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** <u>Click to enter text.</u>

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table	1	for	Outfall	No.:	1
					_

Table 1 for Outfall No.: 1	Samples are (check one): \(\subseteq \text{Composite} \text{ \text{\text{\$\subseteq}}} Grab					
Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)		
BOD (5-day)	<1.00	<1.00	<1.00	<1.00		
CBOD (5-day)	<1.00	<1.00	<1.00	<1.00		
Chemical oxygen demand	524	223	138	271		
Total organic carbon	4.64	4.45	6.39	4.74		
Dissolved oxygen						
Ammonia nitrogen	0.656	0.695	0.639	0.922		
Total suspended solids	7.90	9.65	8.13	8.63		
Nitrate nitrogen	7.					
Total organic nitrogen						
Total phosphorus	2.07	3.21	2.45	2.60		
Oil and grease	<0.407	<0.398	<0.407	<0.407		

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total residual chlorine				
Total dissolved solids	8470	9760	8930	11700
Sulfate	908	1050	1090	854
Chloride	4490	4490	1370	4850
Fluoride	<6.40	4.09	5.64	4.35
Total alkalinity (mg/L as CaCO3)	2070	2060	2450	2100
Temperature (°F)	0			
pH (standard units)	8.12	8.26	8.31	8.28

Table 2 for Outfall No.: Click to enter text. Samples are (check one): □ Composite □ Grab

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (μg/L)
Aluminum, total	<0.0353	<0.0353	0.0412	<0.0353	2.5
Antimony, total	< 0.00484	<0.00242	<0.00242	<0.00242	5
Arsenic, total	<0.00836	0.00608	<0.00418	0.00848	0.5
Barium, total	0.292	0.273	0.190	0.295	3
Beryllium, total	<0.000180	<0.000180	<0.000180	<0.000180	0.5
Cadmium, total	<0.000700	0.000524	0.000491	0.000439	1
Chromium, total	<0.000710	<0.000710	<0.000710	0.000868	3
Chromium, hexavalent	<0.00200	<0.00200	<0.00200	<0.00200	3
Chromium, trivalent	<0.000710	<0.000710	<0.000710	0.000868	N/A
Copper, total	< 0.00364	<0.00364	<0.00364	<0.00364	2
Cyanide, available	<0.00430	<0.00430	<0.00430	<0.00430	2/10
Lead, total	0.0126	<0.00312	0.0116	0.00981	0.5
Mercury, total	ND	ND	ND	ND	0.005/0.0005
Nickel, total	0.0143	0.0143	0.0141	0.0168	2
Selenium, total	<0.0100	<0.00500	<0.00500	<0.00500	5
Silver, total	<0.000990	<0.000990	<0.000990	<0.000990	0.5
Thallium, total	< 0.0155	<0.00775	<0.00775	<0.00775	0.5
Zinc, total	<0.0212	0.0206	0.0295	0.0377	5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 is required for all external outfalls which discharge process wastewater.

Partial completion of Table 3 is required for all external outfalls which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 1

Samples are (check one): ☐ Composite

 \boxtimes Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)*
Acrylonitrile	<0.00709	<0.00709	<0.00709	<0.00709	50
Anthracene	<0.00111	<0.00111	<0.00111	<0.00111	10
Benzene	<0.00207	<0.00207	<0.00207	<0.00207	10
Benzidine	<0.00311	<0.00311	<0.00311	<0.00311	50
Benzo(a)anthracene	<0.000933	<0.000933	<0.000933	<0.000933	5
Benzo(a)pyrene	<0.000941	<0.000941	<0.000941	<0.000941	5
Bis(2-chloroethyl)ether	<0.00101	<0.00101	<0.00101	<0.00101	10
Bis(2-ethylhexyl)phthalate	<0.00318	<0.00318	<0.00318	<0.00318	10
Bromodichloromethane [Dichlorobromomethane]	<0.00179	<0.00179	<0.00179	<0.00179	10
Bromoform	<0.000960	<0.000960	<0.000960	<0.000960	10
Carbon tetrachloride	< 0.00159	<0.00159	<0.00159	<0.00159	2
Chlorobenzene	<0.00276	<0.00276	<0.00276	<0.00276	10
Chlorodibromomethane [Dibromochloromethane]	<0.00327	<0.00327	<0.00327	<0.00327	10
Chloroform	<0.00212	<0.00212	<0.00212	<0.00212	10
Chrysene	<0.00102	<0.00102	<0.00102	<0.00102	5
m-Cresol [3-Methylphenol]	<0.000865	<0.000865	<0.000865	<0.000865	10
o-Cresol [2-Methylphenol]	<0.00150	<0.00150	<0.00150	<0.00150	10
p-Cresol [4-Methylphenol]	<0.000767	<0.000767	<0.000767	<0.000767	10
1,2-Dibromoethane					10
m-Dichlorobenzene [1,3-Dichlorobenzene]	<0.00419	<0.00419	<0.00419	<0.00419	10
o-Dichlorobenzene [1,2-Dichlorobenzene]	<0.00168	<0.00168	<0.00168	<0.00168	10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.00184	<0.00184	<0.00184	<0.00184	10
3,3'-Dichlorobenzidine	<0.00265	< 0.00265	<0.00265	<0.00265	5
1,2-Dichloroethane	<0.00195	<0.00195	<0.00195	<0.00195	10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.00367	<0.00367	<0.00367	<0.00367	10
Dichloromethane [Methylene chloride]	<0.0117	<0.0117	<0.0117	<0.0117	20
1,2-Dichloropropane	<0.000804	<0.000804	<0.000804	<0.000804	10
1,3-Dichloropropene [1,3-Dichloropropylene]	<0.00372	<0.00372	<0.00372	<0.00372	10
2,4-Dimethylphenol	<0.00142	<0.00142	<0.00142	<0.00142	10
Di-n-Butyl phthalate	<0.00120	<0.00120	<0.00120	<0.00120	10
Ethylbenzene	<0.000401	<0.000401	<0.000401	<0.000401	10
Fluoride	<6.40	4.09	5.64	4.35	500
Hexachlorobenzene	<0.000972	<0.000176	<0.000176	<0.0000176	5
Hexachlorobutadiene	<0.00176	<0.00176	<0.00176	<0.00176	10
Hexachlorocyclopentadiene	<0.00117	<0.00117	<0.00117	<0.00117	10
Hexachloroethane	<0.00188	<0.00188	<0.00188	<0.00188	20
Methyl ethyl ketone	<0.000735	<0.000735	<0.000735	<0.000735	50
Nitrobenzene	<0.00124	<0.00124	<0.00124	<0.00124	10
N-Nitrosodiethylamine	<0.000925	<0.000925	<0.000925	<0.000925	20 /
N-Nitroso-di-n-butylamine					20
Nonylphenol	<0.00286	<0.00286	<0.00286	<0.00286	333
Pentachlorobenzene	<0.00134	<0.00134	<0.00134	< 0.00134	20
Pentachlorophenol	<0.00210	<0.00210	<0.00210	<0.00210	5
Phenanthrene	<0.00113	<0.00113	<0.00113	<0.00113	10
Polychlorinated biphenyls (PCBs) (**)	<0.000173	<0.000173	<0.000173	<0.000173	0.2
Pyridine	<0.00117	< 0.00117	<0.00117	<0.00117	20
1,2,4,5-Tetrachlorobenzene	<0.00132	<0.00132	<0.00132	<0.00132	20
1,1,2,2-Tetrachloroethane	<0.000596	<0.000596	<0.000596	<0.000596	10
Tetrachloroethene [Tetrachloroethylene]	<0.00486	<0.00486	<0.00486	<0.00486	10
Toluene	<0.00219	<0.00219	<0.00219	<0.00219	10
1,1,1-Trichloroethane	<0.00335	<0.00335	<0.00335	<0.00335	10
1,1,2-Trichloroethane	<0.00145	<0.00145	<0.00145	<0.00145	10
Trichloroethene	<0.00262	<0.00262	<0.00262	<0.00262	10
[Trichloroethylene]					

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)*
2,4,5-Trichlorophenol	<0.00193	<0.00193	<0.00193	<0.00193	50
TTHM (Total trihalomethanes)			1		10
Vinyl chloride	< 0.00466	<0.00466	<0.00466	<0.00466	10

^(*) Indicate units if different from µg/L.

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 is required for each external outfall based on the conditions be

a.

b.

low.	•			1	0					
Tribu	tyltin									
dispos which	se of wast	ewat or p	er fron ropos	l/commercial fa n the types of o es to receive wa	perations l	listed be	elow or a c	Îomestic f	acility	
	Yes	\boxtimes	No							
				to each of the fo in Table 4 belo				and prov	ide the	
	Manufac	ture.	rs and	formulators of	tributyltin	or relat	ted compo	unds.	\$	
	Painting	of sl	hips, b	oats and marin	e structure	S.				
	Ship and	l boa	t build	ling and repairi	ng.					
	Ship and	l boa	t clear	ning, salvage, wi	recking and	l scaling	Ţ.			
	Operatio	n an	d maii	ntenance of mai	rine cargo l	handlinį	g facilities	and mari	nas.	
	Facilities	eng	aged i	n wood preservi	ing.					
		or fo	r whic	l/commercial fa h there is any r						100
Entero	cocci (dis	char	ge to s	saltwater)						
				poses to discha pected to be pre						
	Yes	\boxtimes	No							
Domes	tic wastew	vater	is/wil	l be discharged						
	Yes	X	No							

If yes to either question, provide the appropriate testing results in Table 4 below.

Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

€.	E.	coli	(discharge	to	freshwater)	
----	----	------	------------	----	-------------	--

This facility discharges/proposes to discharge directly into freshwater receiving waters	and
<i>E. coli</i> bacteria are expected to be present in the discharge based on facility processes.	

□ Yes ⊠ No

Domestic wastewater is/will be discharged.

□ Yes ⊠ No

If yes to either question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. Samples are (check one): ☐ Composite

Pollutant	Sample 1	Sample 2	Sample 3	Sample 4	MAL
Tributyltin (µg/L)		1			0.010
Enterococci (cfu or MPN/100 mL)		1			N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Table 5 for Outfall No. Click to enter text

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

Samples are (check one). [7]

⊠ N/A

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)*
Aldrin					0.01
Carbaryl					5
Chlordane			*		0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE		200-200-200-200-2			0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					_
Demeton		Događenia na	V 4 5 80°		0.20
Diazinon					0.5/0.1
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090

Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)*
Endosulfan I (<i>alpha</i>)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin			H H		0.02
Guthion [Azinphos methyl]	8				0.1
Heptachlor		1000			0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (alpha)					0.05
Hexachlorocyclohexane (beta)	2 29 1				0.05
Hexachlorocyclohexane (gamma) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor				<u> </u>	2.0
Mirex					0.02
Parathion (ethyl)		4			0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

^{*} Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 is required for all external outfalls.

Table 6 for Outfall No	Samples are (check one): □ Composite ⊠ Grab						
Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (μg/L)
Bromide		×	87.8	34.3	17.6	15.8	400
Color (PCU)	E-12/	×	<5.00	5.00	10.0	5.00	_
Nitrate-Nitrite (as N)		×	<0.0300	<0.0300	<0.0300	<0.0300	-
Sulfide (as S)		\boxtimes	<0.0230	<0.0230	<0.0230	<0.0230	
Sulfite (as SO3)		\boxtimes					
Surfactants		\boxtimes	<u> </u>				_
Boron, total		\boxtimes	2.65	2.71	2.15	<0.000680	20
Cobalt, total			< 0.00136	<0.000680	<0.000680	<0.00364	0.3
Iron, total			0.547	1.69	0.157	0.507	7
Magnesium, total			175	173	119	181	20
Manganese, total			0.599	0.572	0.393	0.660	0.5
Molybdenum, total		\boxtimes	0.165	0.158	0.132	0.151	1
Tin, total		\boxtimes	< 0.00240	<0.00240	<0.00240	<0.00240	5
Titanium, total			<0.00835	<0.00835	<0.00835	<0.00835	30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

⊠ N/A

Table 7 for Applicable Industrial Categories

In	dustrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
	Adhesives and Sealants		□ Yes	□ Yes	□ Yes	No
	Aluminum Forming	467	□ Yes	□ Yes	□ Yes	No
	Auto and Other Laundries		□ Yes	□ Yes	□ Yes	□ Yes
	Battery Manufacturing	461	□ Yes	No	□ Yes	No
	Coal Mining	434	No	No	No	No
	Coil Coating	465	□ Yes	□ Yes	□ Yes	No
	Copper Forming	468	□ Yes	□ Yes	□ Yes	No
	Electric and Electronic Components	469	□ Yes	□ Yes	□ Yes	□ Yes
	Electroplating	413	□ Yes	□ Yes	□ Yes	No
	Explosives Manufacturing	457	No	□ Yes	□ Yes	No
	Foundries		□ Yes	□ Yes	□ Yes	No
	Gum and Wood Chemicals - Subparts A,B,C,E	454	□ Yes	□ Yes	No	No
D	Gum and Wood Chemicals - Subparts D,F	454	□ Yes	□ Yes	□ Yes	No
	Inorganic Chemicals Manufacturing	415	□ Yes	☐ Yes	□ Yes	No
口	Iron and Steel Manufacturing	420	□ Yes	□ Yes	□ Yes	No
	Leather Tanning and Finishing	425	□ Yes	□ Yes	□ Yes	No
	Mechanical Products Manufacturing		□ Yes	□ Yes	□ Yes	No
	Nonferrous Metals Manufacturing	421,471	□ Yes	□ Yes	□ Yes	□ Yes
<u> </u>	Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	□ Yes	□ Yes	□ Yes	No
	Ore Mining - Subpart B	440	No	□ Yes	No	No
	Organic Chemicals Manufacturing	414	☐ Yes	□ Yes	□ Yes	□ Yes
	Paint and Ink Formulation	446,447	□ Yes	□ Yes	□ Yes	No
	Pesticides	455	□ Yes	□ Yes	□ Yes	□ Yes
	Petroleum Refining	419	□ Yes	No	No	No
	Pharmaceutical Preparations	439	□ Yes	□ Yes	□ Yes	No
	Photographic Equipment and Supplies	459	□ Yes	□ Yes	□ Yes	No
	Plastic and Synthetic Materials Manufacturing	414	□ Yes	□ Yes	□ Yes	□ Yes
	Plastic Processing	463	□ Yes	No	No	No
]	Porcelain Enameling	466	No	No	No	No
	Printing and Publishing		□ Yes	□ Yes	□ Yes	□ Yes
	Pulp and Paperboard Mills - Subpart C	430	*	□ Yes	- *	□ Yes
	Pulp and Paperboard Mills - Subparts F, K	430	*	□ Yes	- *	_ *
Ī	Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	□ Yes	□ Yes	*	*
j	Pulp and Paperboard Mills - Subparts I, J, L	430	□ Yes	□ Yes	*	□ Yes
7	Pulp and Paperboard Mills - Subpart E	430	□ Yes	□ Yes	□ Yes	*
]	Rubber Processing	428	□ Yes	□ Yes	□ Yes	No
]	Soap and Detergent Manufacturing	417	□ Yes	□ Yes	□ Yes	No
]	Steam Electric Power Plants	423	□ Yes	☐ Yes	No	No
	Textile Mills (Not Subpart C)	410	□ Yes	□ Yes	□ Yes	No
]	Timber Products Processing	429	□ Yes	□ Yes	□ Yes	□ Yes

^{*} Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 may be required for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. Samples are (check one): □ Composite □ Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)
Acrolein					50
Acrylonitrile	,			*	50
Benzene	2				10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane	(f) v 2				10
Chloroethane	- 2-2-194 Cc				50
2-Chloroethylvinyl ether					10
Chloroform	A. 3		a fin u		10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]	3	=			10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]		Single Sealing A			10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

^{*} Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. Samples are (check one): \Box Composite \Box Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (μg/L)*	MAL (μg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol	-:				10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol			3.		50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol	 				5
Phenol	7 4	0		=	10
2,4,6-Trichlorophenol			10000		10

^{*} Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. Samples are (check one): ☐ Composite ☐ Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane	= 770 000	- 1. A.			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether	7 7 7 9				10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]	52 = V = x				10
1,3-Dichlorobenzene [m-Dichlorobenzene]	1, 20 4, 2				10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine		0 2			5
Diethyl phthalate	2 2				10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene			***************************************		10
Fluorene					10
Hexachlorobenzene	ACCOUNT OF THE PARTY OF THE PAR			junesen er en en ferren en	5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene				aller status est, and a second est	10
Nitrobenzene				1.18	10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene				_	10

^{*} Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. Samples are (check one): ☐ Composite ☐ Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]		The street	v 11 17 ₈		0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE		1.5	4 1		0.1
4,4'-DDD		Ty All			0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor				- The second	0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232				a	0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (μg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

^{*} Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

description of the conditions of its, then presence at the facility (check an that apply).	
2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5	
2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1	
☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4	
□ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3	
□ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4	
□ hexachlorophene (HCP) CASRN 70-30-4	
□ None of the above	
Description: Click to enter text.	
Does the applicant or anyone at the facility know or have any reason to believe that 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) or any congeners of TCDD may be present in the effluen proposed for discharge?	t
□ Yes □ No	
Description: Click to enter text.	

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. Samples are (check one): ☐ Composite ☐ Grab

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8- PeCDD	1.0					50
2,3,7,8- HxCDDs	0.1		,			50
1,2,3,4,6,7,8- HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalent (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1	2.4				10
1,2,3,7,8- PeCDF	0.03		31			50
2,3,4,7,8- PeCDF	0.3			I K		50
2,3,7,8- HxCDFs	0.1					50
2,3,4,7,8- HpCDFs	0.01				,	50
OCDD	0.0003					100
OCDF	0.0003		7.11			100
PCB 77	0.0001	A CONTRACTOR		ten f ^{er} sk		500
PCB 81	0.0003		1,1,12			500
PCB 126	0.1					500
PCB 169	0.03					500
Total	ita ti					
60-61)	e 13 is requir e	ed for all externated in the instruction			(4)	ages
the discharge a Yes If yes to either	tants listed in nd have not b No Items a or b,	Item 1.c. of Tech een analytically o	quantified elsev	where in this ag	oplication?	
the discharge a Yes If yes to either Table 13 for Out	tants listed in nd have not b No Items a or b, o	een analytically of complete Table 1 to enter text. Sa	quantified elsev 3 as instructed mples are (chec	where in this ap l. k one): □ Com	pplication?	ab
the discharge a Yes If yes to either	tants listed in nd have not b No Items a or b, o	een analytically o	quantified elsev 3 as instructed mples are (chec	where in this ap	pplication?	ab lytical
the discharge a Yes If yes to either Table 13 for Out	tants listed in nd have not b No Items a or b, o	complete Table 1 to enter text. Sa SRN Sample	quantified elsevages 3 as instructed and check are (check to sample 2)	where in this ap	pplication? posite Grample 4 Ana	ab lytical
the discharge a Yes f yes to either Table 13 for Out	tants listed in nd have not b No Items a or b, o	complete Table 1 to enter text. Sa SRN Sample	quantified elsevages 3 as instructed and check are (check to sample 2)	where in this ap	pplication? posite Grample 4 Ana	ab lytical

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: RECEIVING WATERS

This worksheet is required for all TPDES permit applications.

Item 1. Domestic Drinking Water Supply (Instructions, Page 80)

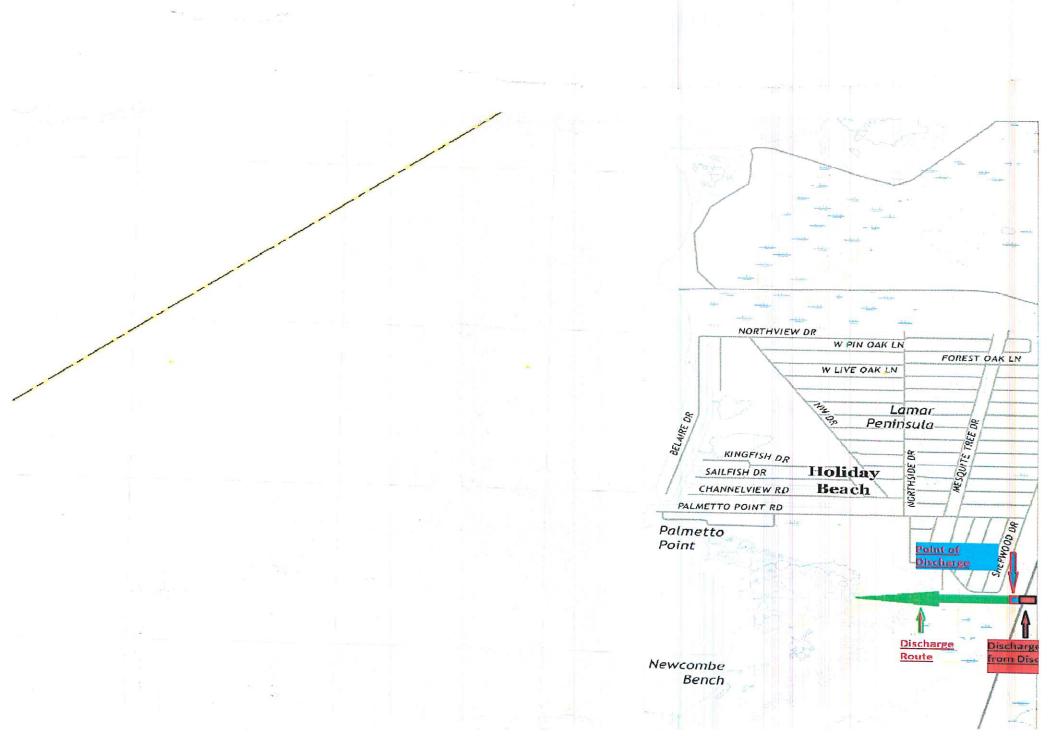
a. There is a surface water intake for domestic drinking water supply located within 5 (five) miles downstream from the point/proposed point of discharge.
□ Yes ⊠ No
If no , stop here and proceed to Item 2. If yes , provide the following information:
1. The legal name of the owner of the drinking water supply intake: Click to enter text.
2. The distance and direction from the outfall to the drinking water supply intake: <u>Click to enter text.</u>
b. Locate and identify the intake on the USGS 7.5-minute topographic map provided for Administrative Report 1.0.
\square Check this box to confirm the above requested information is provided.
Item 2. Discharge Into Tidally Influenced Waters (Instructions, Page 80)
If the discharge is to tidally influenced waters, complete this section. Otherwise, proceed to Item 3.
a. Width of the receiving water at the outfall: <u>6</u> feet
b. Are there oyster reefs in the vicinity of the discharge?
□ Yes ⊠ No
If yes , provide the distance and direction from the outfall(s) to the oyster reefs: <u>Click to enter text.</u>
c. Are there sea grasses within the vicinity of the point of discharge?
☐ Yes ☒ No
If yes , provide the distance and direction from the outfall(s) to the grasses: <u>Click to enter text.</u>
Item 3. Classified Segment (Instructions, Page 80)
The discharge is/will be directly into (or within 300 feet of) a classified segment.
⊠ Yes □ No
If yes , stop here and do not complete Items 4 and 5 of this worksheet or Worksheet 4.1.
If no , complete Items 4 and 5 and Worksheet 4.1 may be required.

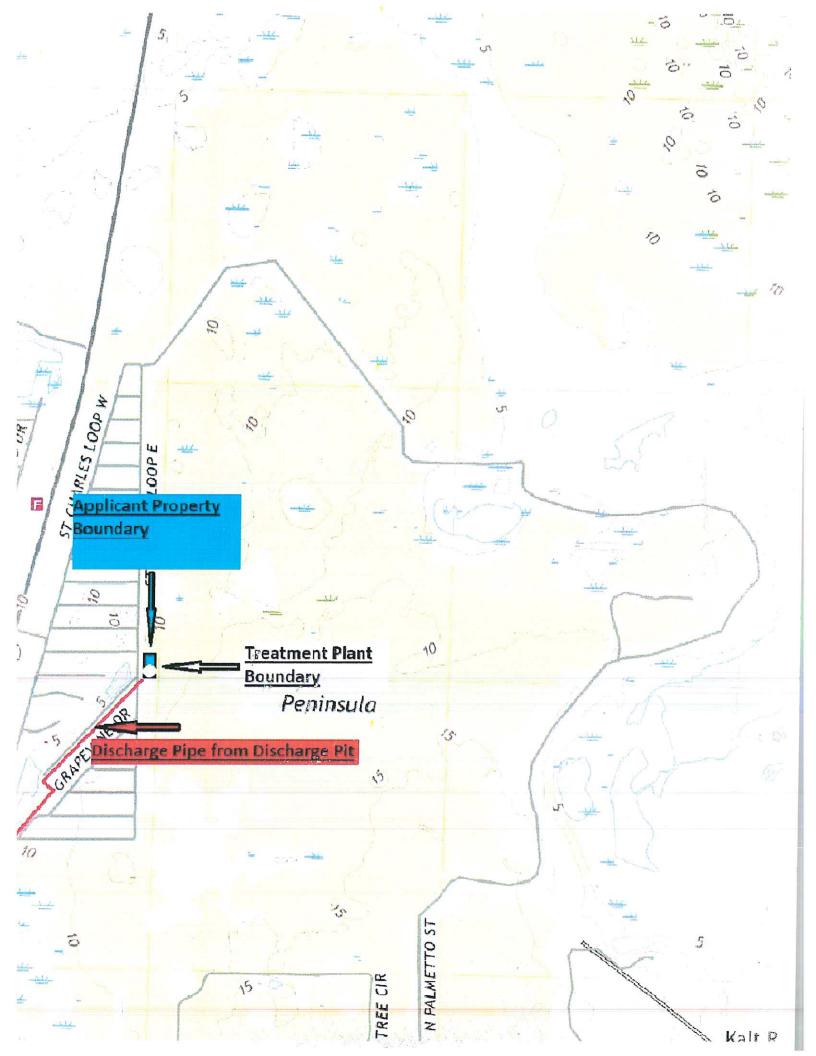
Item 4. Description of Immediate Receiving Waters (Instructions, Page 80)

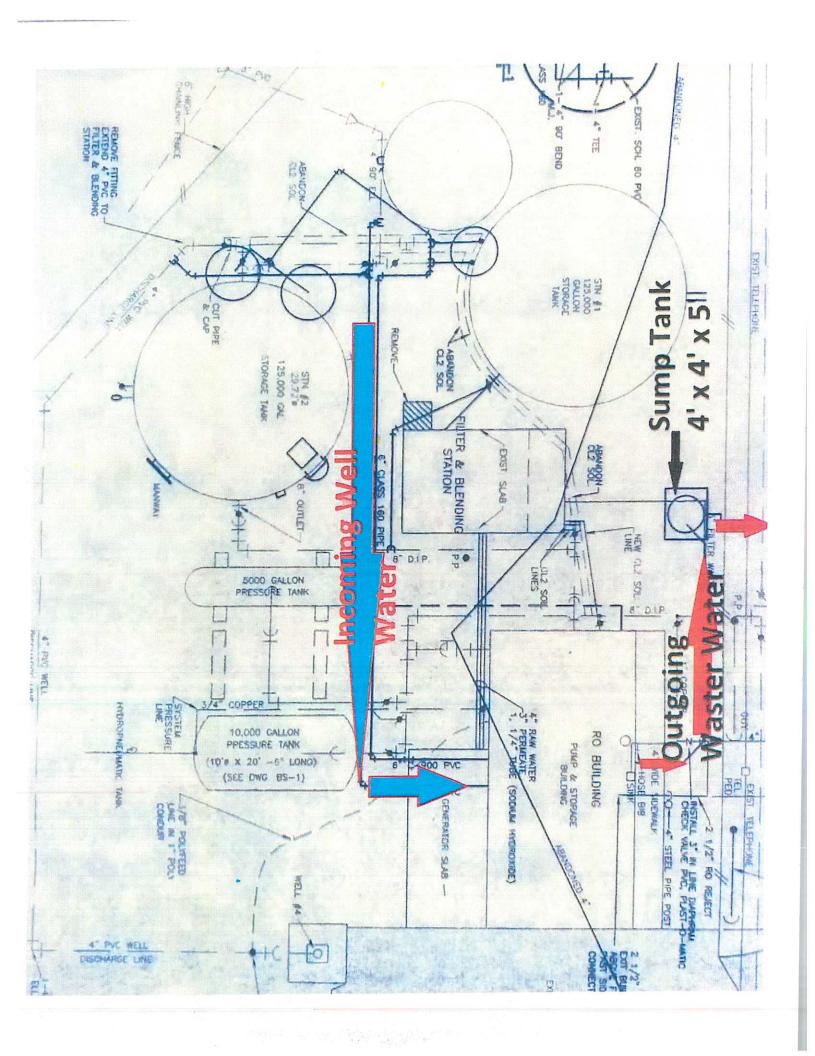
a.	Na	ame of the immediate receiving waters: <u>Click to enter text.</u>	
b.	Ch	neck the appropriate description of the immediate receiving waters:	
		Lake or Pond	
		• Surface area (acres): <u>Click to enter text.</u>	
		 Average depth of the entire water body (feet): <u>Click to enter text.</u> 	
		 Average depth of water body within a 500-foot radius of the discharge point (feet): <u>Click to enter text.</u> 	1
		Man-Made Channel or Ditch	
		Stream or Creek	
		Freshwater Swamp or Marsh	
		Tidal Stream, Bayou, or Marsh	
	NA COLUMN	Open Bay	
		Other, specify:	
		1-Made Channel or Ditch or Stream or Creek were selected above, provide responses to $4.c$ – $4.g$ below:	
C.		existing discharges, check the description below that best characterizes the area stream of the discharge.	1
		new discharges, check the description below that best characterizes the area wnstream of the discharge.	
		☐ Intermittent (dry for at least one week during most years)	
		☐ Intermittent with Perennial Pools (enduring pools containing habitat to maintain aquatic life uses)	4.0
		☐ Perennial (normally flowing)	
		eck the source(s) of the information used to characterize the area upstream (existing charge) or downstream (new discharge):	
		□ USGS flow records	
		□ personal observation	
		□ historical observation by adjacent landowner(s)	
		□ other, specify: Click to enter text.	
l.		the names of all perennial streams that join the receiving water within three miles wastream of the discharge point: <u>Click to enter text.</u>	
		receiving water characteristics change within three miles downstream of the discharge , natural or man-made dams, ponds, reservoirs, etc.).	
	[□ Yes □ No	

f. General observations of the water body during normal dry weather conditions: Click to enter text. Date and time of observation: Click to enter text. The water body was influenced by stormwater runoff during observations. Yes No If yes, describe how: Click to enter text. Item 5. General Characteristics of Water Body (Instructions, **Page 81)** a. Is the receiving water upstream of the existing discharge or proposed discharge site influenced by any of the following (check all that apply): oil field activities urban runoff agricultural runoff septic tanks upstream discharges other, specify: Click to enter text. b. Uses of water body observed or evidence of such uses (check all that apply): livestock watering industrial water supply irrigation withdrawal non-contact recreation domestic water supply navigation picnic/park activities contact recreation fishing other, specify: Click to enter text. c. Description which best describes the aesthetics of the receiving water and the surrounding area (check only one): Wilderness: outstanding natural beauty; usually wooded or un-pastured area: water clarity exceptional Natural Area: trees or native vegetation common; some development evident (from fields, pastures, dwellings); water clarity discolored **Common Setting:** not offensive, developed but uncluttered; water may be colored or turbid Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

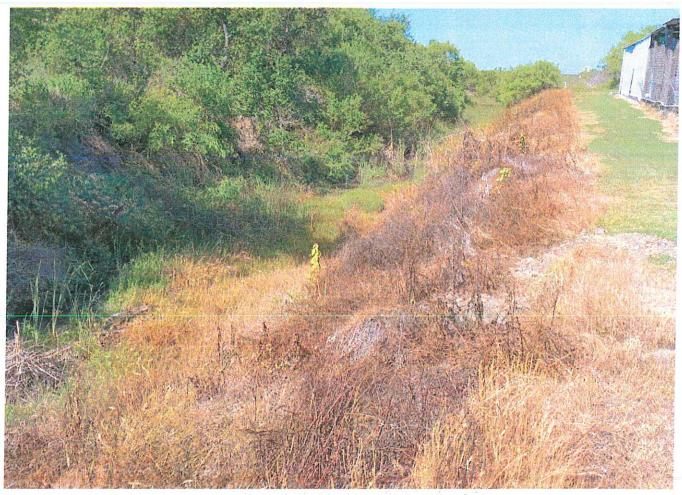
If yes, describe how: Click to enter text.

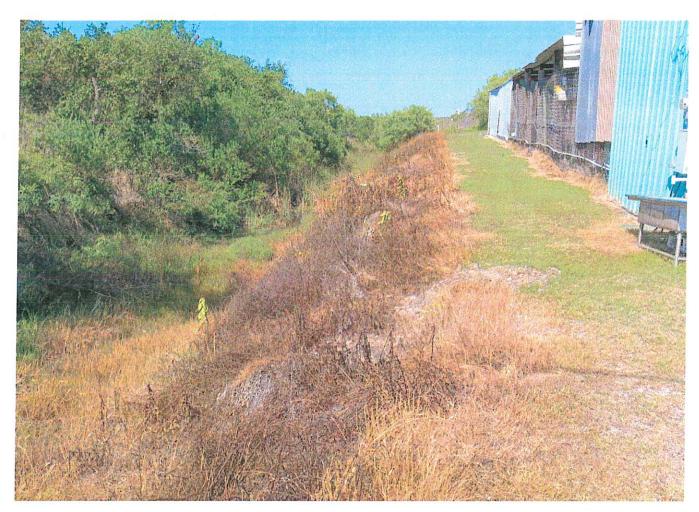
















Pace Analytical® ANALYTICAL REPORT

May 07, 2024



















Holiday Beach WSC

Sample Delivery Group:

L1727407

Samples Received:

04/19/2024

Project Number:

Description:

Permit Renewal WK1 of 4

Site:

TX 0040015

Report To:

Vernon Hale

PO Box 807

Fulton, TX 78358

Entire Report Reviewed By:

Lori A Vahrenkamp Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace
Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and
ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

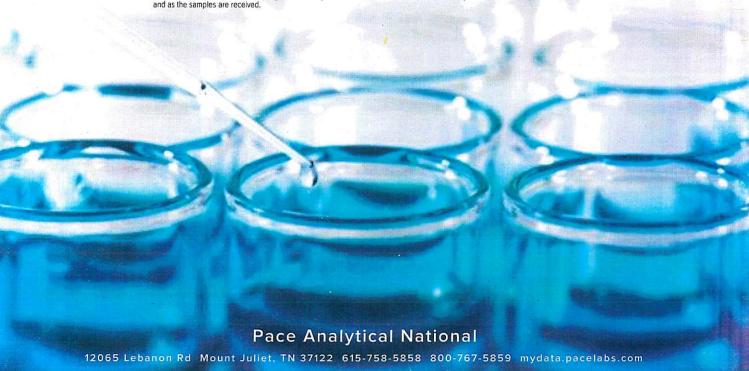


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Sc: Sample Chain of Custody

51

SAMPLE SUMMARY

RO DISCHARGE L1727407-01 WW

Collected by Vernon H Hale

04/18/24 08:15

Collected date/time Received date/time

04/19/24 09:30

2 TC



















Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Calculated Results	WG2272337	1	04/24/24 16:32	04/24/24 16:32	SKH	Allen, TX
Gravimetric Analysis by Method 2540C	WG2271435	1	04/21/24 10:10	04/21/24 12:26	QQT	Allen, TX
Gravimetric Analysis by Method 2540D	WG2271876	1	04/22/24 13:50	04/22/24 16:04	QQT	Allen, TX
Wet Chemistry by Method 1664A	WG2273058	1	04/24/24 14:16	04/25/24 08:09	TK	Allen, TX
Wet Chemistry by Method 2120B	WG2270866	1	04/19/24 20:01	04/19/24 20:01	EIG	Allen, TX
Wet Chemistry by Method 2320B	WG2273195	1	04/24/24 08:56	04/24/24 08:56	SEN	Allen, TX
Wet Chemistry by Method 300.0	WG2274988	100	04/26/24 20:14	04/26/24 20:14	DLH	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2275913	100	04/28/24 09:02	04/28/24 09:02	ASM	Mt. Juliet, TN
Wet Chemistry by Method 3500Cr-B	WG2271701	1	04/22/24 14:26	04/22/24 14:26	SMC	Allen, TX
Wet Chemistry by Method 351.2	WG2272289	1	04/23/24 09:57	04/23/24 18:50	EIG	Allen, TX
Wet Chemistry by Method 353.2	WG2270853	1	04/19/24 18:52	04/19/24 18:52	EIG	Allen, TX
Wet Chemistry by Method 353.2	WG2273710	1	04/24/24 16:54	04/24/24 16:54	EIG	Allen, TX
Wet Chemistry by Method 4500CN-E	WG2272257	1	04/23/24 09:00	04/23/24 18:28	KCM	Allen, TX
Wet Chemistry by Method 4500P-E	WG2273161	10	04/24/24 15:45	04/24/24 15:45	SMC	Allen, TX
Wet Chemistry by Method 4500-S2 D	WG2272522	1	04/23/24 15:48	04/23/24 15:48	EIG	Allen, TX
Wet Chemistry by Method 5210 B-2016	WG2270395	1	04/19/24 15:19	04/24/24 09:31	JBS	Allen, TX
Wet Chemistry by Method 5210 B-2016	WG2270400	1	04/19/24 16:23	04/24/24 10:29	JBS	Allen, TX
Wet Chemistry by Method 5220D	WG2271865	1	04/22/24 14:17	04/22/24 17:40	SEN	Allen, TX
Wet Chemistry by Method 5310C	WG2272477	1	04/23/24 15:08	04/23/24 15:08	EIG	Allen, TX
Wet Chemistry by Method 5540C	WG2270736	1	04/19/24 18:08	04/19/24 19:41	EIG	Allen, TX
Wet Chemistry by Method SM 4500-H+B	WG2274164	1	04/25/24 08:55	04/25/24 08:55	SEN	Allen, TX
Wet Chemistry by Method SM4500NH3H	WG2271845	1	04/22/24 16:33	04/22/24 16:33	EIG	Allen, TX
Metals (ICP) by Method 200.7	WG2272337	1	04/23/24 12:07	04/24/24 16:32	SKH	Allen, TX
Metals (ICP) by Method 200.7	WG2272337	1	04/23/24 12:07	04/26/24 14:32	SKH	Allen, TX
Metals (ICP) by Method 200.7	WG2272337	2	04/23/24 12:07	04/25/24 13:37	SKH	Allen, TX
Volatile Organic Compounds (GC/MS) by Method 624.1	WG2271797	1	04/22/24 15:21	04/22/24 15:21	ZST	Allen, TX
Pesticides (GC) by Method EPA 608.3	WG2272451	1	04/24/24 05:46	04/24/24 16:01	LTB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method EPA-608.3	WG2272451	1	04/24/24 05:46	04/24/24 16:01	LTB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 625.1	WG2271723	- 1	04/22/24 10:57	04/23/24 20:20	XLY	Allen, TX
Subcontracted Analyses	WG2270701	1	04/26/24 00:00	04/26/24 00:00	JWW	Green Bay, WI 54302

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.























Project Manager

Project Narrative

L1727407 -01 contains subout data that is included after the chain of custody.

Sample Delivery Group (SDG) Narrative

The following analysis were performed from an unpreserved, insufficiently or inadequately preserved sample.

Lab Sample ID

Project Sample ID

Method

L1727407-01

RO DISCHARGE

3500Cr-B, 1664A

pH outside of method requirement.

Lab Sample ID

Project Sample ID

Method

L1727407-01

RO DISCHARGE

624.1

Analyzed from headspace vial.

Lab Sample ID

Project Sample ID

Method

L1727407-01

RO DISCHARGE

624.1

No extra volume received to perform Matrix Spike samples.

Lab Sample ID

Project Sample ID

Method

L1727407-01

RO DISCHARGE

625.1

An aliquot for analysis was taken from the original container received due to volume requirements of the laboratory's procedure. Rinsing of the original sample container for inclusion in the sample extraction was not performed.

Lab Sample ID

Project Sample ID

Method

L1727407-01

RO DISCHARGE

EPA 608.3, EPA-608.3

ACCOUNT: Holiday Beach WSC PROJECT:

SDG:

DATE/TIME:

PAGE: 4 of 72

L1727407

05/07/24 08:32

RO DISCHARGE

Collected date/time: 04/18/24 08:15

SAMPLE RESULTS - 01

L1727407

Calculated Results

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Chromium, Trivalent	<0.000710		0.000710	0.00300	1 🕴	04/24/2024 16:32	WG2272337





	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/l		mg/I		date / time	
Total Dissolved Solids	8470		50.0	1	04/21/2024 12:26	WG2271435



Cn

Gravimetric Analysis by Method 2540D

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Suspended Solids	7.90		2.50	1	04/22/2024 16:04	WG2271876



Wet Chemistry by Method 1664A

MANAGEMENT	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Oil & Grease (Hexane Extr)	<0.407		0.407	5.81	1	04/25/2024 08:09	WG2273058



Al

Wet Chemistry by Method 2120B

Reservation for the same of th	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	units		units		date / time	
Color	<5.00		5.00	1	04/19/2024 20:01	WG2270866

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Sample Narrative:

L1727407-01 WG2270866: 8

Wet Chemistry by Method 2320B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Alkalinity	2070	garanami, mengangan pangah kan pendah dibanah dibanah dibanah dibanah dibanah dibanah dibanah dibanah dibanah	20.0	20.0	1	04/24/2024 08:56	WG2273195
Alkalinity,Bicarbonate	2070		20.0	20.0	1	04/24/2024 08:56	WG2273195
Alkalinity,Carbonate	<20.0		20.0	20.0	1	04/24/2024 08:56	WG2273195
Alkalinity,Hydroxide	<20.0		20.0	20.0	1	04/24/2024 08:56	WG2273195
Phenolphthalein Alkalinity	<20.0		20.0	20.0	1	04/24/2024 08:56	WG2273195

Wet Chemistry by Method 300.0

-	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	x -
3romide	87.8	J	35.3	100	100	04/28/2024 09:02	WG2275913
Chloride	4490		37.9	100	100	04/26/2024 20:14	WG2274988
-luoride	<6.40		6.40	15.0	100	04/26/2024 20:14	WG2274988
Sulfate	908		59.4	500	100	04/26/2024 20:14	WG2274988

Net Chemistry by Method 3500Cr-B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Inalyte	mg/l		mg/l	mg/l		date / time	
Chromium, Hexavalent	<0.00200	T8	0.00200	0.00300	1	04/22/2024 14:26	WG2271701

Net Chemistry by Method 351.2

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
nalyte	mg/l		mg/I	mg/l		date / time	
jeldahl Nitrogen, TKN	0.849		0.140	0.250	1	04/23/2024 18:50	WG2272289

SAMPLE RESULTS - 01

Collected date/time: 04/18/24 08:15

Wet Chemistry by Method 353.2

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/I		date / time	
Nitrate-Nitrite	0.0362	Ţ	0.0300	0.0500	1	04/19/2024 18:52	WG2270853
Nitrate-Nitrite	<0.0300		0.0300	0.0500	1	04/24/2024 16:54	WG2273710
Nitrate	0.0362	J	0.0300	0.0500	1	04/19/2024 18:52	WG2270853
Nitrite	< 0.0300		0.0300	0.0500	1	04/19/2024 18:52	WG2270853





Wet Chemistry by Method 4500CN-E

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Cyanide	< 0.00430		0.00430	0.0100	1	04/23/2024 18:28	WG2272257





	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I	mg/I		date / time	
Phosphorus, Total	2.07	And the second s	0.152	0.500	10	04/24/2024 15:45	WG2273161



Wet Chemistry by Method 4500-S2 D

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
Sulfide	< 0.0230		0.0230	0.100	1	04/23/2024 15:48	WG2272522	



Wet Chemistry by Method 5210 B-2016

		Service Company					
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/I		mg/I		date / time		
BOD	<1.00		1.00	1	04/24/2024 09:31	WG2270395	
CBOD	<1.00		1.00	1	04/24/2024 10:29	WG2270400	



Wet Chemistry by Method 5220D

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/ <mark>l</mark>		mg/l	mg/I		date / time	(8.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	
COD	524		16.1	35.0	1	04/22/2024 17:40	WG2271865	

Wet Chemistry by Method 5310C

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
TOC (Total Organic Carbon)	4.64	J6	0.270	0.700	1	04/23/2024 15:08	WG2272477

Wet Chemistry by Method 5540C

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/I		date / time	
MBAS	<0.360		0.360	0.500	1	04/19/2024 19:41	WG2270736

Wet Chemistry by Method SM 4500-H+B

*	Result	Qualifier	Dilution	Analysis	Batch
Analyte	SU			date / time	
рН	8.12	T8	1	04/25/2024 08:55	WG2274164

Sample Narrative:

L1727407-01 WG2274164: 8.12 at 20.4C

Wet Chemistry by Method SM4500NH3H

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		

SAMPLE RESULTS - 01

Collected date/time: 04/18/24 08:15

Wet Chemistry by Method SM4500NH3H

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	_
Analyte	mg/I		mg/I	mg/I		date / time		
Ammonia Nitrogen	0.656	В	0.0280	0.100	1	04/22/2024 16:33	WG2271845	

Ср



















Metals (ICP) by Method 200.7

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I	mg/I		date / time	
Aluminum	<0.0353		0.0353	0.500	1	04/24/2024 16:32	WG2272337
Antimony	<0.00484	<u>D1</u>	0.00484	0.0500	2	04/25/2024 13:37	WG2272337
Arsenic	< 0.00836	<u>D1</u>	0.00836	0.0400	2	04/25/2024 13:37	WG2272337
Barium	0.292		0.000490	0.0100	1 🦞	04/24/2024 16:32	WG2272337
Beryllium	<0.000180		0.000180	0.00100	1	04/24/2024 16:32	WG2272337
Boron	2.65		0.0186	0.100	1	04/24/2024 16:32	WG2272337
Cadmium	<0.000700	<u>D1</u>	0.000700	0.0100	2	04/25/2024 13:37	WG2272337
Chromium	<0.000710		0.000710	0.00700	1	04/24/2024 16:32	WG2272337
Cobalt	<0.00136	<u>D1</u>	0.00136	0.00500	2	04/25/2024 13:37	WG2272337
Copper	< 0.00364		0.00364	0.0200	1	04/24/2024 16:32	WG2272337
Iron	0.547		0.0303	0.500	1	04/24/2024 16:32	WG2272337
Lead	0.0126	D1 J	0.00624	0.0200	2	04/25/2024 13:37	WG2272337
Magnesium	175	V	0.0434	1.00	1	04/24/2024 16:32	WG2272337
Manganese	0.599		0.00557	0.0500	1	04/24/2024 16:32	WG2272337
Molybdenum	0.165		0.00760	0.0300	1	04/24/2024 16:32	WG2272337
Nickel	0.0143	D1 J	0.00716	0.0200	2	04/25/2024 13:37	WG2272337
Selenium	<0.0100	<u>D1</u>	0.0100	0.0400	2	04/25/2024 13:37	WG2272337
Silver	<0.000990		0.000990	0.00500	1	04/26/2024 14:32	WG2272337
Thallium	<0.0155	D1	0.0155	0.0400	2	04/25/2024 13:37	WG2272337
Tin	<0.00480	<u>D1</u>	0.00480	0.0500	2	04/25/2024 13:37	WG2272337
Titanium	<0.00835		0.00835	0.100	1	04/24/2024 16:32	WG2272337
Zinc	<0.0212	<u>D1</u>	0.0212	0.0500	2	04/25/2024 13:37	WG2272337

Volatile Organic Compounds (GC/MS) by Method 624.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	<0.00335		0.00335	0.00500	1	04/22/2024 15:21	WG2271797
1,1,2,2-Tetrachloroethane	< 0.000596		0.000596	0.00500	1	04/22/2024 15:21	WG2271797
1,1,2-Trichloroethane	< 0.00145		0.00145	0.00500	1	04/22/2024 15:21	WG2271797
,1-Dichloroethane	<0.00292		0.00292	0.00500	1	04/22/2024 15:21	WG2271797
,1-Dichloroethene	< 0.00367		0.00367	0.00500	1	04/22/2024 15:21	WG2271797
,2-Dichlorobenzene	< 0.00172		0.00172	0.00200	1	04/22/2024 15:21	WG2271797
,2-Dichloroethane	< 0.00195		0.00195	0.00500	1	04/22/2024 15:21	WG2271797
,2-Dichloropropane	<0.000804		0.000804	0.00200	1	04/22/2024 15:21	WG2271797
3-Dichlorobenzene	< 0.00419		0.00419	0.00500	1	04/22/2024 15:21	WG2271797
4-Dichlorobenzene	< 0.00173		0.00173	0.00200	1	04/22/2024 15:21	WG2271797
-Chloroethyl vinyl ether	< 0.00652		0.00652	0.0100	1	04/22/2024 15:21	WG2271797
crolein	< 0.00544		0.00544	0.0100	1	04/22/2024 15:21	WG2271797
crylonitrile	<0.00709		0.00709	0.0100	1	04/22/2024 15:21	WG2271797
enzene	<0.00207		0.00207	0.00500	1	04/22/2024 15:21	WG2271797
romodichloromethane	< 0.00179		0.00179	0.00200	1	04/22/2024 15:21	WG2271797
romoform	<0.000960		0.000960	0.0100	1	04/22/2024 15:21	WG2271797
romomethane	< 0.00347		0.00347	0.00500	1	04/22/2024 15:21	WG2271797
arbon tetrachloride	< 0.00159		0.00159	0.00200	1	04/22/2024 15:21	WG2271797
hlorobenzene	< 0.00276		0.00276	0.0100	1	04/22/2024 15:21	WG2271797
nloroethane	<0.00296		0.00296	0.00500	1	04/22/2024 15:21	WG2271797
nloroform	<0.00212		0.00212	0.00500	1	04/22/2024 15:21	WG2271797
nloromethane	<0.00361		0.00361	0.00500	1	04/22/2024 15:21	WG2271797
s-1,2-Dichloroethene	< 0.00113		0.00113	0.00500	1	04/22/2024 15:21	WG2271797
s-1,3-Dichloropropene	< 0.00492		0.00492	0.0100	1 🚺	04/22/2024 15:21	WG2271797

SAMPLE RESULTS - 01

Collected date/time: 04/18/24 08:15

Volatile Organic Compounds (GC/MS) by Method 6241

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Dibromochloromethane	<0.00327		0.00327	0.00500	1	04/22/2024 15:21	WG2271797
Ethylbenzene	< 0.000401		0.000401	0.00200	1	04/22/2024 15:21	WG2271797
Methylene Chloride	< 0.0117		0.0117	0.0200	1	04/22/2024 15:21	WG2271797
etrachloroethene	< 0.00486		0.00486	0.0100	1	04/22/2024 15:21	WG2271797
oluene	< 0.00219		0.00219	0.00500	1	04/22/2024 15:21	WG2271797
otal 1,3-Dichloropropene	< 0.00372		0.00372	0.0100	1	04/22/2024 15:21	WG2271797
rans-1,2-Dichloroethene	< 0.00501		0.00501	0.0100	1	04/22/2024 15:21	WG2271797
rans-1,3-Dichloropropene	< 0.00460		0.00460	0.00500	1	04/22/2024 15:21	WG2271797
[richloroethene	< 0.00262		0.00262	0.00500	1	04/22/2024 15:21	WG2271797
/inyl chloride	< 0.00466		0.00466	0.00500	1	04/22/2024 15:21	WG2271797
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		04/22/2024 15:21	WG2271797
(S) 4-Bromofluorobenzene	101			70.0-130		04/22/2024 15:21	WG2271797
(S) Toluene-d8	101			70.0-130		04/22/2024 15:21	WG2271797























	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Aldrin	< 0.0000198	J3 J6	0.0000198	0.0000500	1	04/24/2024 16:01	WG2272451
Alpha BHC	<0.0000172	J3 J6	0.0000172	0.0000500	1	04/24/2024 16:01	WG2272451
Beta BHC	<0.0000208	<u>J3</u>	0.0000208	0.0000500	1	04/24/2024 16:01	WG2272451
Delta BHC	< 0.0000150	J3 J6	0.0000150	0.0000500	1	04/24/2024 16:01	WG2272451
Samma BHC	< 0.0000209	J3 J6	0.0000209	0.0000500	1	04/24/2024 16:01	WG2272451
Chlordane	< 0.0000198		0.0000198	0.00500	1	04/24/2024 16:01	WG2272451
1,4-DDD	< 0.0000177	J3 J6	0.0000177	0.0000500	1	04/24/2024 16:01	WG2272451
4,4-DDE	< 0.0000154	J3 J6	0.0000154	0.0000500	1	04/24/2024 16:01	WG2272451
4,4-DDT	< 0.0000198	J3 J6	0.0000198	0.0000500	1	04/24/2024 16:01	WG2272451
Dieldrin	< 0.0000162	J3 J6	0.0000162	0.0000500	1	04/24/2024 16:01	WG2272451
ndosulfan I	< 0.0000160	J3 J6	0.0000160	0.0000500	1	04/24/2024 16:01	WG2272451
ndosulfan II	< 0.0000164	<u>13</u>	0.0000164	0.0000500	1	04/24/2024 16:01	WG2272451
ndosulfan sulfate	< 0.0000217	J3 J6	0.0000217	0.0000500	1	04/24/2024 16:01	WG2272451
Endrin	< 0.0000161	J3 J6	0.0000161	0.0000500	1	04/24/2024 16:01	WG2272451
Endrin aldehyde	< 0.0000237	J3 J6	0.0000237	0.0000500	1	04/24/2024 16:01	WG2272451
Endrin ketone	< 0.0000219	J3 J6	0.0000219	0.0000500	1	04/24/2024 16:01	WG2272451
-leptachlor	< 0.0000148	J3 J6	0.0000148	0.0000500	1	04/24/2024 16:01	WG2272451
Heptachlor epoxide	< 0.0000183	J3 J6	0.0000183	0.0000500	1	04/24/2024 16:01	WG2272451
-lexachlorobenzene	< 0.0000176	J3 J6	0.0000176	0.0000500	1	04/24/2024 16:01	WG2272451
Methoxychlor	< 0.0000193	J3 J6	0.0000193	0.0000500	1	04/24/2024 16:01	WG2272451
Toxaphene	< 0.000168		0.000168	0.000500	1	04/24/2024 16:01	WG2272451
gamma-Chlordane	< 0.0000137	J3 J6	0.0000137	0.0000500	1	04/24/2024 16:01	WG2272451
alpha-Chlordane	< 0.0000149	J3 J6	0.0000149	0.0000500	1	04/24/2024 16:01	WG2272451
(S) Decachlorobiphenyl	77.3			10.0-144		04/24/2024 16:01	WG2272451
(S) Tetrachloro-m-xylene	66.9			10.0-135		04/24/2024 16:01	WG2272451

Polychlorinated Biphenyls (GC) by Method EPA-608.3

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
PCB 1016	<0.000270		0.000270	0.000500	1	04/24/2024 16:01	WG2272451	
PCB 1221	< 0.000270		0.000270	0.000500	1	04/24/2024 16:01	WG2272451	
PCB 1232	< 0.000270		0.000270	0.000500	1	04/24/2024 16:01	WG2272451	
PCB 1242	< 0.000270		0.000270	0.000500	1	04/24/2024 16:01	WG2272451	
PCB 1248	< 0.000173		0.000173	0.000500	1	04/24/2024 16:01	WG2272451	
PCB 1254	< 0.000173		0.000173	0.000500	1	04/24/2024 16:01	WG2272451	
PCB 1260	< 0.000173		0.000173	0.000500	1	04/24/2024 16:01	WG2272451	
Total PCBs	< 0.000173		0.000173	0.000500	1	04/24/2024 16:01	WG2272451	
(S) Decachlorobiphenyl	79.1			10.0-144		04/24/2024 16:01	WG2272451	

SAMPLE RESULTS - 01

Collected date/time: 04/18/24 08:15

Polychlorinated Biphenyls (GC) by Method EPA-608.3

		S 050 050						
	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/I	mg/l		date / time		
(S) Tetrachloro-m-xylene	70.5			10.0-135		04/24/2024 16:01	WG2272451	

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	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/I		mg/I	mg/l		date / time		
1,2,4,5-Tetrachlorobenzene	<0.00132		0.00132	0.00250	1	04/23/2024 20:20	WG2271723	
1,2,4-Trichlorobenzene	< 0.00159		0.00159	0.00250	1	04/23/2024 20:20	WG2271723	
1,2-Dichlorobenzene	< 0.00168		0.00168	0.00250	1	04/23/2024 20:20	WG2271723	
1,3-Dichlorobenzene	< 0.00170		0.00170	0.00250	1	04/23/2024 20:20	WG2271723	
I,4-Dichlorobenzene	<0.00184		0.00184	0.00250	1	04/23/2024 20:20	WG2271723	
2,2-Oxybis(1-Chloropropane)	< 0.00116		0.00116	0.00250	1	04/23/2024 20:20	WG2271723	
2,4,5-Trichlorophenol	< 0.00193		0.00193	0.00250	1	04/23/2024 20:20	WG2271723	
2,4,6-Trichlorophenol	< 0.00179		0.00179	0.00250	1	04/23/2024 20:20	WG2271723	
2,4-Dichlorophenol	<0.000820		0.000820	0.00250	1	04/23/2024 20:20	WG2271723	
2,4-Dimethylphenol	< 0.00142		0.00142	0.00500	1	04/23/2024 20:20	WG2271723	
2,4-Dinitrophenol	< 0.00115		0.00115	0.00500	1	04/23/2024 20:20	WG2271723	
2,4-Dinitrotoluene	<0.00265		0.00265	0.00500	1	04/23/2024 20:20	WG2271723	
,6-Dichlorophenol	<0.00107		0.00107	0.00250	meral vacens.	04/23/2024 20:20	WG2271723	
2,6-Dinitrotoluene	<0.00181		0.00181	0.00500	1	04/23/2024 20:20	WG2271723	
-Chloronaphthalene	<0.00143		0.00143	0.00250	1	04/23/2024 20:20	WG2271723	
2-Chlorophenol	<0.000820		0.000820	0.00250		04/23/2024 20:20	WG2271723	
-Methylphenol	<0.000760		0.000320	0.00230		04/23/2024 20:20	WG2271723	
-Nitrophenol	<0.000700		0.00169	0.00300		04/23/2024 20:20	WG2271723 WG2271723	
&4-Methyl Phenol	<0.00767		0.00169	0.00250	1	04/23/2024 20:20	WG2271723 WG2271723	
,3-Dichlorobenzidine	<0.000767		0.000767	0.00250		04/23/2024 20:20	WG2271723 WG2271723	
	<0.00265		0.00265					
,6-Dinitro-2-methylphenol				0.00500	1	04/23/2024 20:20	WG2271723	
-Bromophenyl-phenylether	<0.00104		0.00104	0.00250	1	04/23/2024 20:20	WG2271723	
-Chloro-3-methylphenol	<0.000865		0.000865	0.00250	1	04/23/2024 20:20	WG2271723	
-Chlorophenyl-phenylether	<0.00140		0.00140	0.00250	1	04/23/2024 20:20	WG2271723	
-Nitrophenol	<0.00164		0.00164	0.00500	1	04/23/2024 20:20	WG2271723	
cenaphthene	<0.00134		0.00134	0.00250	1	04/23/2024 20:20	WG2271723	
cenaphthylene	<0.00134		0.00134	0.00250	1	04/23/2024 20:20	WG2271723	
cetophenone	<0.000788		0.000788	0.00250	1	04/23/2024 20:20	WG2271723	
Ipha-Terpineol	<0.000696		0.000696	0.00250	1	04/23/2024 20:20	WG2271723	
niline	<0.000536		0.000536	0.00250	1	04/23/2024 20:20	WG2271723	
nthracene	<0.00111		0.00111	0.00250	1	04/23/2024 20:20	WG2271723	
trazine	<0.00167		0.00167	0.00250	1	04/23/2024 20:20	WG2271723	
enzidine	<0.00311		0.00311	0.0100	1	04/23/2024 20:20	WG2271723	
enzo(a)anthracene	<0.000933		0.000933	0.00250	1	04/23/2024 20:20	WG2271723	
enzo(a)pyrene	< 0.000941		0.000941	0.00250	1	04/23/2024 20:20	WG2271723	
enzo(b)fluoranthene	<0.00102		0.00102	0.00250	1	04/23/2024 20:20	WG2271723	
enzo(g,h,i)perylene	< 0.00101		0.00101	0.00250	1	04/23/2024 20:20	WG2271723	
enzo(k)fluoranthene	<0.000934		0.000934	0.00250	1	04/23/2024 20:20	WG2271723	
enzoic acid	< 0.00657		0.00657	0.0100	1	04/23/2024 20:20	WG2271723	
enzylbutyl phthalate	<0.00143		0.00143	0.00250	1	04/23/2024 20:20	WG2271723	
s(2-chlorethoxy)methane	<0.000991		0.000991	0.00250	1	04/23/2024 20:20	WG2271723	
s(2-chloroethyl)ether	<0.00101		0.00101	0.00250	1	04/23/2024 20:20	WG2271723	
(2-chloroisopropyl)ether	<0.00116		0.00116	0.00250	1	04/23/2024 20:20	WG2271723	
(2-Ethylhexyl)phthalate	<0.00318		0.00318	0.00500	1	04/23/2024 20:20	WG2271723	
rbazole	<0.00106		0.00106	0.00250	1	04/23/2024 20:20	WG2271723	
rysene	<0.00102		0.00102	0.00250	1	04/23/2024 20:20	WG2271723	
n-butyl phthalate	<0.00120		0.00120	0.00250	1	04/23/2024 20:20	WG2271723	
n-octyl phthalate	< 0.00174		0.00174	0.00250	1	04/23/2024 20:20	WG2271723	
penz(a,h)anthracene	<0.00110		0.00110	0.00250	1	04/23/2024 20:20	WG2271723	
penzofuran	<0.00120		0.00120	0.00250	1.44	04/23/2024 20:20	WG2271723	
ethyl phthalate	<0.000120		0.000915	0.00250	1	04/23/2024 20:20	WG2271723	





SAMPLE RESULTS - 01

RO DISCHARGE
Collected date/time: 04/18/24 08:15

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Dimethyl phthalate	<0.000878		0.000878	0.00250	1	04/23/2024 20:20	WG2271723
Fluoranthene	< 0.00114		0.00114	0.00250	1	04/23/2024 20:20	WG2271723
Fluorene	< 0.00131		0.00131	0.00250	1	04/23/2024 20:20	WG2271723
Hexachloro-1,3-butadiene	< 0.00176		0.00176	0.00250	1	04/23/2024 20:20	WG2271723
Hexachlorobenzene	< 0.000972		0.000972	0.00250	1	04/23/2024 20:20	WG2271723
Hexachlorocyclopentadiene	< 0.00117		0.00117	0.0100	1	04/23/2024 20:20	WG2271723
Hexachloroethane	< 0.00188		0.00188	0.00250	1	04/23/2024 20:20	WG2271723
I,2-Diphenylhydrazine	< 0.00124	N2	0.00124	0.00250	1	04/23/2024 20:20	WG2271723
ndeno(1,2,3-cd)pyrene	<0.000984		0.000984	0.00250	1	04/23/2024 20:20	WG2271723
sophorone	< 0.00183		0.00183	0.00250	1	04/23/2024 20:20	WG2271723
n-Decane	< 0.00158		0.00158	0.00250	1	04/23/2024 20:20	WG2271723
n-Nitrosodi-n-butylamine	< 0.000735		0.000735	0.00250	1	04/23/2024 20:20	WG2271723
n-Nitrosodi-n-propylamine	< 0.00107		0.00107	0.00250	1	04/23/2024 20:20	WG2271723
n-Nitrosodiethylamine	<0.000925		0.000925	0.00250	1	04/23/2024 20:20	WG2271723
n-Nitrosodimethylamine	< 0.000651		0.000651	0.00250	1	04/23/2024 20:20	WG2271723
n-Nitrosodiphenylamine	< 0.000829		0.000829	0.00250	1	04/23/2024 20:20	WG2271723
n-Octadecane	<0.00128		0.00128	0.00250	1	04/23/2024 20:20	WG2271723
Naphthalene	< 0.00200		0.00200	0.00250	1	04/23/2024 20:20	WG2271723
Nitrobenzene	< 0.00124		0.00124	0.00250	1	04/23/2024 20:20	WG2271723
Nonylphenol	<0.00286		0.00286	0.00500	1	04/23/2024 20:20	WG2271723
Pentachlorobenzene	< 0.00134		0.00134	0.00250	1	04/23/2024 20:20	WG2271723
Pentachlorophenol	< 0.00210		0.00210	0.00500	1	04/23/2024 20:20	WG2271723
Phenanthrene	<0.00113		0.00113	0.00250	1	04/23/2024 20:20	WG2271723
Phenol	< 0.000967		0.000967	0.00250	1	04/23/2024 20:20	WG2271723
Pyrene	< 0.00115		0.00115	0.00250	1	04/23/2024 20:20	WG2271723
Pyridine	< 0.00117		0.00117	0.00250	1	04/23/2024 20:20	WG2271723
Total Cresols	< 0.00153		0.00153	0.00750	1	04/23/2024 20:20	WG2271723
(S) 2,4,6-Tribromophenol	60.0			29.0-132		04/23/2024 20:20	WG2271723
(S) 2-Fluorobiphenyl	60.0			26.0-102		04/23/2024 20:20	WG2271723
(S) 2-Fluorophenol	31.3			10.0-66.0		04/23/2024 20:20	WG2271723
(S) Nitrobenzene-d5	59.3			15.0-106		04/23/2024 20:20	WG2271723
(S) p-Terphenyl-d14	73.7			10.0-120		04/23/2024 20:20	WG2271723
(S) Phenol-D6	23.3			10.0-54.0		04/23/2024 20:20	WG2271723



















Method Blank (MB)

	MB RDL	mg/l	25.0
	MB MDL	l/gm	25.0
	MB Qualifier		
24 12:26	MB Result	l/gm	<25.0
(MB) R4060512-1 04/21/24 12:26		Analyte	Total Dissolved Solids

L1726395-01 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	10
	DUP Qualifier		
2:26	DUP RPD	%	4.02
04/21/241	Dilution DUP RPD		-
(DUP) R4060512-3 04/21/24 12:26	jinal Result DUP Result	l/gm	2680
	Original Result	l/gm	2790
(0S) L1726395-01 04/21/24 12:26		Analyte	Total Dissolved Solids

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L1726920-01 Original Sample (OS) • Duplicate (DUP)

			Contract of the contract of th
	DUP RPD Limits	%	10
	DUP Qualifier		
12:26	Dilution DUP RPD	%	2.83
04/21/24	Dilution		-
R4060512-4	Original Result DUP Result	/gm	626
21/24 12:26 • (DUP)	Original Result	l/gm	644
(OS) L1726920-01 04/21/24 12:26 • (DUP) R4060512-4 04/21/24 12:26		Analyte	Total Dissolved Solids

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Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	85.0-115
	LCS Rec.	%	104
	LCS Result	l/gm	2500
21/24 12:26	Spike Amount LCS Result	l/gm	2410
(LCS) R4060512-2 04/21/24 12:26		Analyte	Total Dissolved Solids

05/07/24 08:32 DATE/TIME:

QUALITY CONTROL SUMMARY

Method Blank (MB)

Gravimetric Analysis by Method 2540D

WG2271876

MB RDL	l/gm	2.50
MB MDL	mg/l	2.50
MB Qualifier		
MB Result	l/gm	<2.50
	Analyte	Suspended Solids
	MB Qualifier MB MDL	sult MB Qualifier MB MDL mg/l

L1726583-01 Original Sample (OS) • Duplicate (DUP)

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	DUP RPD Limits	%	10
	DUP Qualifier		
16:04	Dilution DUP RPD	%	4.92
04/22/24	Dilution		-
R4060972-3	DUP Result	mg/l	793
DS) L1726583-01 04/22/24 16:04 • (DUP) R4060972-3 04/22/24 16:04	Original Result DUP Result	l/gm	833
(OS) L1726583-01 04		Analyte	Suspended Solids

L1726916-02 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	10
	DUP Qualifier		[d]
.16:04	Dilution DUP RPD	%	12.2
04/22/24	Dilution		-
R4060972-4	DUP Result	mg/l	693
JS) L1726916-02 04/22/24 16:04 • (DUP) R4060972-4 04/22/24 16:04	Original Result DUP Result	l/gm	613
(OS) L1726916-02 C		Analyte	Suspended Solids

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Laboratory Control Sample (LCS)

(LCS) R4060972-2 04/22/24 16:04	04/22/24 16:04				
	Spike Amount LCS Result	LCS Result	t LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm	∥gm	%	96	
Suspended Solids	928	928	100	85.0-115	

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Holiday Beach WSC ACCOUNT:

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Wet Chemistry by Method 1664A

Method Blank (MB)

(MB) R4062116-1 04/25/24 08:09	4 08:09			
	MB Result	MB Qualifier	MB MDL	L MB RDL
Analyte	l/gm	l/gm	l/gm	
Oil & Grease (Hexane Extr) <0.350	<0.350		0.350	

				00.5							
Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)	Sample (LC	SS) · Labo	ratory Cont	rol Sampl	e Duplicate	(LCSD)					
(LCS) R4062116-2 04/25/24 08:09 • (LCSD) R4062116-3 04/25/24 08:09	/24 08:09 • (LCS)	D) R4062116-:	3 04/25/24 08:	60							
	Spike Amount LCS Result	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCS Qualifier LCSD Qualifier RPD	RPD	RPD Limits	
Analyte	mg/l	l/gm	l/gm	%	%	%			. %	. %	
Oil & Grease (Hexane Extr)	40.0	34.0	33.7	85.0	843	78.0-114			0.886	18	

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L1727480-02 Original Sample (OS) • Matrix Spike (MS)

	MC Out	MS Qualifier	man and a second
	Dilution Doc Limite	REL. LIIIIIS	78.0-114
	Citation		-
50	MS Dor	% %	8.96
04/25/24 08:0	Result MS Result	ma/l	41.1
R4062116-4 D	Original Result	mg/l	2.40
724 08:09 • (MS)	Spike Amount Original	mg/l	40:0
(OS) L1727480-02 04/25/24 08:09 • (MS) R4062116-4		Analyte	Oil & Grease (Hexane Extr)

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PROJECT:

Holiday Beach WSC ACCOUNT:

SDG: L1727407

DATE/TIME: 05/07/24 08:32

13 of 72 PAGE:

QUALITY CONTROL SUMMARY

MB RDL units 5.00

MB MDL units 5.00

MB Qualifier

MB Result

<5.00

Sample Narrative:

BLANK: 7

units

Analyte

Color

(MB) R4060002-1 04/19/24 20:01

Method Blank (MB)

Wet Chemistry by Method 2120B

WG2270866

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L1727407-01 Original Sample (OS) - Duplicate (DUP)

Dilution DUP RPD 0.000 (OS) L1727407-01 04/19/24 20:01 • (DUP) R4060002-2 04/19/24 20:01 Original Result DUP Result <5.00 units <5.00 units Analyte Color

DUP RPD Limits

DUP Qualifier

20

Sample Narrative: 0S: 8

DUP: 8

PROJECT:

Holiday Beach WSC

ACCOUNT:

05/07/24 08:32 DATE/TIME:

PAGE:

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L1727407 SDG:

Method Blank (MB)

Analyte mg/l mg/l mg/l mg/l Alkalinity, Sirarbonate <20.0 20.0 20.0 Alkalinity, Hydroxide <20.0 20.0 20.0 Alkalinity, Hydroxide <20.0 20.0 20.0 Phenolphthalein Alkalinity <20.0 20.0 20.0						
MB Result MB Qualifier MB MDL MB RDL mg/l mg/l mg/l mg/l <20.0 20.0 20.0 20.0 <20.0 20.0 20.0 20.0 <20.0 20.0 20.0 20.0 <20.0 20.0 20.0 20.0 ity <20.0 20.0 20.0	(MB) R4061422-1 04/24,	/24 08:56				
mg/l mg/l mg/l <20.0 20.0 20.0 rbonate <20.0 20.0 20.0 sonate <20.0 20.0 20.0 roxide <20.0 20.0 20.0 20.0 20.0 20.0 20.0		MB Result	MB Qualifier	MB MDL	MB RDL	
 <20.0 20.0 	Analyte	l/gm		l/gm	mg/l	
<pre><20.0</pre>	Alkalinity	<20.0	And the second s	20.0		
<20.0 20.0 20.0 <pre><20.0 20.0 20.0</pre>	Alkalinity, Bicarbonate	<20.0		20.0		
<20.0 20.0 20.0 ity <20.0 20.0 20.0	Alkalinity, Carbonate	<20.0		20.0		
<20.0 20.0 20.0	Alkalinity, Hydroxide	<20.0		20.0		
	Phenolphthalein Alkalinity	<20.0		20.0		

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SS

L1725021-03 Original Sample (OS) • Duplicate (DUP)

	DUP Qualifier		
08:56	Dilution DUP RPD	%	7.41
04/24/24	Dilution		-
) R4061422-3	DUP Result	mg/l	26.0
OS) L1725021-03 04/24/24 08:56 · (DUP) R4061422-3 04/24/24 08:56	Original Result DUP Result	l/gm	28.0
(OS) L1725021-03 (Analyte	Alkalinity

DUP RPD Limits

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Laboratory Control Sample (LCS)

	LCS Qualifier		month in the case of the contract decision in the contract of the case of the contract of the
	Rec. Limits	%	90.0-110
	LCS Rec.	%	0.96
		l/gm	240
24/24 08:56	Spike Amount LCS Result	l/gm	250
(LCS) R4061422-2 04/24/24 08:56		Analyte	Alkalinity

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SDG: L1727407

DATE/TIME: 05/07/24 08:32

QUALITY CONTROL SUMMARY

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Method	MB)
by	×
Wet Chemistry	Method Blan

WG2274988

	MB RDL	mg/l	1.00	0.150	5.00
	MB Qualifier MB MDL	l/gm	0.379	0.0640	0.594
(MB) R4062914-1 04/26/24 14:32	MB Result	l/gm	0.402	<0.0640	<0.594
(MB) R4062914		Analyte	Chloride	Fluoride	Sulfate

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L1726309-01 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	15	15
	DUP Qualifier			P
15:23	Dilution DUP RPD	96	3.51	200
04/26/24	Dilution		-	-
R4062914-3	DUP Result	mg/l	47.0	<0.0640
OS) L1726309-01 04/26/24 15:10 • (DUP) R4062914-3 04/26/24 15:23	Original Result DUP Result	l/gm	48.7	0.134
(OS) L1726309-01 0		Analyte	Chloride	Fluoride

L1727399-08 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	15	15	15
	DUP Qualifier				
1 19:47	Dilution DUP RPD	96	0.322	0.718	0.127
04/26/24	Dilution		-	-	.
R4062914-6	DUP Result	mg/l	74.8	1.08	148
724 19:06 • (DUP)	Original Result DUP Result	l/gm	75.0	1.09	148
(OS) L1727399-08 04/26/24 19:06 • (DUP) R4062914-6 04/26/24 19:47		Analyte	Chloride	Fluoride	Sulfate

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Laboratory Control Sample (LCS)

(LCS) R4062914-2 04/26/24 14:45	04/26/24 14:45				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm		%	%	
Chloride	40.0	38.4	196.1	90.0-110	
Fluoride	8.00	8.29	104	90.0-110	
Sulfate	40.0	40.5	101	90.0-110	

Sample Narrative:

LCS: Not reporting EPA 300.0 for NO3

05/07/24 08:32 DATE/TIME: 11727407 SDG: PROJECT: Holiday Beach WSC ACCOUNT:

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L1726309-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

Wet Chemistry by Method 300.0

	RPD		0 555	1.69
	MSD Qualifier		8	31
	MS Qualifier		ñ	:
	Rec. Limits	%	80.0-120	80.0-120
	Dilution		-	-
724 15:48	MSD Rec.	%	1	6.86
2914-5 04/26	MS Rec.	%	77.4	97.2
· (MSD) R406	MSD Resu	l/gm	80.1	8.05
4/26/24 15:35	MS Result	l/gm	79.7	7.91
34062914-4 0	Original Result MS Result	mg/l	48.7	0.134
S) L1/26309-01 04/26/24 15:10 • (MS) I	Spike Amount	l/gm	40.0	8.00
309-01 04/26		The second secon		
(05) [1/26		Analyte	Chloride	Fluoride

Sample Narrative:

MS: CL spike failed due to sample matrix

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RPD Limits

MSD: CL spike failed due to sample matrix

L1727399-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1727399-08 04/26/24 19:06 • (MS) R4062914-7 04/26/24 20:00	26/24 19:06 · (MS)	R4062914-7 0	4/26/24 20:00	0				
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MS Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	
Analyte	l/gm	mg∕l	l/gm	%		%		
Chloride	40.0	75.0	0.96	52.4	-	80.0-120	J6	Principal designation of the second s
Fluoride	8.00	1.09	9.49	105		80.0-120	ı	
Sulfate	40.0	148	162	35.6	-	80.0-120	JG	

Sample Narrative:

MS: CL/NO3/S04 spike failed due to sample matrix

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ACCOUNT: Holiday Beach WSC

PROJECT:

L1727407 SDG:

05/07/24 08:32 DATE/TIME:

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S. Sc Ss Š G A PAGE: 18 of 72 05/07/24 08:32 DATE/TIME: L1727407 SDG: LCS Qualifier PROJECT: Rec. Limits 90.0-110 MB RDL l/gm 1.00 LCS Rec. MB MDL 0.353 I/gm 6.96 MB Qualifier Spike Amount LCS Result mg/l 38.7 Laboratory Control Sample (LCS) Holiday Beach WSC MB Result ACCOUNT: <0.353 (LCS) R4066125-2 04/27/24 11:51 mg/l mg/l 40.0 (MB) R4066125-1 04/27/24 11:35 Method Blank (MB)

QUALITY CONTROL SUMMARY

L1727407-01

Wet Chemistry by Method 300.0

Analyte Bromide

Bromide Analyte

WG2275913

wet Chemistry by Method 3500Cr-B

Method Blank (MB)

			0.00300
	MB RDL	l/gm	0.00300
	MB MDL	mg/l	0.00200
	MB Qualifier		
2/24 14:25	MB Result	l/gm	<0.00200
(MB) R4060507-1 04/22/24 14:25		Analyte	Chromium, Hexavalent

Laboratory Control Sample (LCS)

LCS Qualifier		the second is a comparable to provide depends to the order of the second transfer in
Rec. Limits		85.0-115
LCS Rec.	%	0.66
LCS Result	l/gm	0.198
Spike Amount	l/gm	0.200
	Analyte	Chromium, Hexavalent
	LCS Result LCS Rec. Rec. Limits	Spike Amount LCS Result LCS Rec. Rec. Limits mg/l % %

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L1725795-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

		RPD Limits	96	20
		RPD		0.401
		MSD Qualifier		
		MS Qualifier		Constitution of the contrast o
		Dilution Rec. Limits	%	10.0-120
				-
	2/24 14:26	MSD Rec.	%	93.8
	0507-4 04/2	MS Rec.	%	94.2
	5 • (MSD) R406	MSD Result	l/gm	0.213
)4/22/24 14:2(MS Result	mg/l	0.214
The second secon	34060507-3	Spike Amount Original Result MS Result	l/gm	0.0258
	2/24 14:25 • (MS) I	Spike Amount	l/gm	0.200
	(US) L1/25/95-01 04/22/24 14:25 • (MS) R4060507-3 04/22/24 14:26 • (MSD) R4060507-4 04/22/24 14:26		Analyte	Chromium, Hexavalent

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Sample Narrative:

OS: Sample preserved in lab w/in 24hrs of collection.

PROJECT:

Holiday Beach WSC ACCOUNT:

L1727407 SDG:

05/07/24 08:32 DATE/TIME:

19 of 72 PAGE:

RPD Limits 20 % 2.95 RPD 96 MSD Qualifier MS Qualifier Rec. Limits 90.0-110 Dilution L1726395-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) MSD Rec. (OS) L1726395-01 04/23/24 18:48 • (MS) R4061317-3 04/23/24 18:54 • (MSD) R4061317-4 04/23/24 18:56 105 LCS Qualifier MS Rec. 109 MSD Result Rec. Limits 90.0-110 MB RDL 0.250 l/gm mg/l 6.01 Spike Amount Original Result MS Result MB MDL LCS Rec. 0.140 I/gm l/gm 6.19 104 MB Qualifier Spike Amount LCS Result mg/l 4.16 mg/l Laboratory Control Sample (LCS) MB Result <0.140 ∥g/l (LCS) R4061317-2 04/23/24 18:41 4.00 (MB) R4061317-1 04/23/24 18:40 mg/l 4.00 l/gm Method Blank (MB) Kjeldahl Nitrogen, TKN Kjeldahl Nitrogen, TKN Kjeldahl Nitrogen, TKN Analyte

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05/07/24 08:32

11727407 SDG:

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QUALITY CONTROL SUMMARY

L1727407-01

Wet Chemistry by Method 351.2

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Wet Chemistry by Method 353.2

Method Blank (MB)

Laboratory Control Sample (LCS)

(LCS) R4060003-2 04/19/24 18:50	4/19/24 18:50				
	Spike Amount LCS Result	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm	l/gm	%	%	
Nitrate-Nitrite	2.50	2.57	103	90.0-110	
Nitrite	2.50	2.61	104	90.0-110	

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L1727483-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MS)

mariny oblive (MO) mariny oblive (MO) - Mari	0		100	DVIDO VI	יוט י ויומנווא	Spire Di	abilicate (MS	(00						
(OS) L1727483-01 04/19/24 18:54 • (MS) R4060003-3 04/19/24 18:58 • (MSD) R4060003-4 04/19/24 18:59	04/19/24	18:54 • (MS) R	4060003-3 0	4/19/24 18:58	· (MSD) R4060	003-4 04/19	/24 18:59							
		Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. I imits	MS Orialifier	MSD Qualifier	Udd	-	
Analyte		mg/l	l/gm	l/gm	l/gm	%	%		%			2 %	APD LIIIIIS	
Nitrate-Nitrite		2.50	0.276	2.81	2.79	101	101	-	90.0-110	The statement of the least of t		27.4	ę (C	
Nitrite		2.50	<0.0300	2.60	2.59	104	104		90.0-110			0.385	20	

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DATE/TIME: 05/07/24 08:32

WG2273710

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 353.2

Method Blank (MB)

mg/l	
Nitrate-Nitrite <0.0300 0.0500 0.0500	

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	90.0-110
	LCS Rec.	%	104
	LCS Result	∥⁄gш	2.61
24/24 16:41	Spike Amount	l/gm	2.50
(LCS) R4061893-2 04/2		Analyte	Nitrate-Nitrite

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L1726523-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	20
	RPD	%	0.746
	MSD Qualifier		
	MS Qualifier		
	Rec. Limits	%	90.0-110
	Dilution		-
4/24 17:00	MSD Rec.	%	102
1893-4 04/24	MS Rec.	96	103
. (MSD) R4061	MSD Result	l/gm	2.67
4/24/24 16:59	MS Result	l/gm	2.69
34061893-3 O	Original Result	∥gm	0.108
1/24 16:42 • (MS) F	Spike Amount	mg/l	2.50
(OS) L1726523-05 04/24	Spike Amount Original Result MS Result MSD Rec. MSD Rec.	Analyte	Nitrate-Nitrite

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L1727062-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	20
	RPD	%	0.000
	MSD Qualifier	Control of the Contro	
	MS Qualifier		
	Dilution Rec. Limits	%	90.0-110
	Dilution		-
24 17:02	MSD Rec.	%	103
(MSD) R4061893-6 04/24/24 17:02	MS Rec.	%	103
•	MSD Result	l/gm	2.97
1/24/24 17:01	MS Result	l/gm	2.97
4061893-5 04	Original Result	l/gm	0.397
1/24 16:47 • (MS) R	Spike Amount Original Result MS Result	l/gm	2.50
(OS) L1727062-01 04/24/24 16:47 • (MS) R4061893-5 04/24/24 17:01		Analyte	Nitrate-Nitrite

L1727407 SDG:

05/07/24 08:32 DATE/TIME:

Method Blank (MB)

061162-1 04/23/24 18:28 MB Result
(MB) R4061162-1 04/23/24 18:28 MB Re Analyte mg/l Cyanide <0.004

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	85.0-115
	LCS Rec.	%	97.3
	LCS Result	l/gm	0.0973
3/24 18:28	Spike Amount LCS Result	l/gm	0.100
(LCS) R4061162-2 04/23/24 18:28		Analyte	Cyanide

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L1726902-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	(CO) E17 20302-03 04123/24 18:28 • (MS) R4061182-3 04123/24 18:28 • (MSD) R4061162-4 04/23/24 18:28	Spike Amount Original Result MS Result MSD Rec. MSD Rec. Dilution Rec. Limits MS Qualifier MSD Qualifier RPD RPD I imits	. %	<0.00430 0.0929 0.0888 92.9 88.8 1 85.0-115 4.45 20
200000000000000000000000000000000000000	04/23/24 18:28 • (MSL	Σ	l/gm /gm	0.
C CONTONA CONTO	8.28 · (MS) R4U61162-	ike Amount Original Res		0.100 <0.00430
31 1/7/5/1/17/5/00 CO CO03/CTI 1/2/O/	(03) E1720302-03 04/23/24 16	Spi	Analyte mg/l	Cyanide 0.10

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L1727399-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

RPD Limits	%	20
RPD	%	2.91
MSD Qualifier		
MS Qualifier		
ilution Rec. Limits	₈ e	85.0-115
Dilution	and the state of t	-
24 18:28 MSD Rec.	se	93.9
• (MSD) R4061162-6 04/23/24 18:28 MSD Result MS Rec. MSD Re	Q	91.2
• (MSD) R4061162-6 04/2 MSD Result MS Rec.	lığıı	0.0939
4/23/24 18:28 MS Result	Į,	0.0912
R4061162-5 04/23/24 18: Original Result MS Result	i.	<0.00430
24 18:28 • (MS) R Spike Amount ma/l		0.100
(OS) L1727399-04 04/23/24 18:28 • (MS) R4061162-5 04/23/24 18:28 • Spike Amount Original Result MS Result Analyte		Cyanide

05/07/24 08:32 DATE/TIME:

RPD Limits 20 % 9.02 RPD MSD Qualifier MS Qualifier QUALITY CONTROL SUMMARY Dilution Rec. Limits 80.0-120 L1727407-01 L1727446-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) MSD Rec. (OS) L1727446-01 04/24/24 15:45 • (MS) R4061625-3 04/24/24 15:46 • (MSD) R4061625-4 04/24/24 15:46 101 LCS Qualifier MS Rec. % ₹ MSD Result Rec. Limits 80.0-120 0.0500 MB RDL 0.506 mg/l l/gm Spike Amount Original Result MS Result LCS Rec. MB MDL 0.0152 0.554 l/gm mg∕l 103 MB Qualifier Spike Amount LCS Result 0.0313 0.517 l/gm mg/l Laboratory Control Sample (LCS) Wet Chemistry by Method 4500P-E mg/l 0.500 MB Result <0.0152 (LCS) R4061625-2 04/24/24 15:45 0.500 (MB) R4061625-1 04/24/24 15:45 mg/l l/gm Method Blank (MB) WG2273161 Phosphorus, Total Phosphorus, Total Phosphorus, Total

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Method Blank (MB)

Wet Chemistry by Method 4500-S2 D

(MB) R4061314-1 04/23/24 15-48 MB Result MB Qualifie Analyte mg/l Laboratory Control Sample (LCS) (LCS) R4061314-2 04/23/24 15-48 Spike Amount LCS Result Analyte mg/l mg/l Sulfide 0.800 0.848	MB Qualifier 1 (S.) LCS Result 1 (O.848 (S.) • Matrix	MB MDL mg/l 0.0230 LCS Rec. %	MB RDL mg/l 0.100 Rec. Limits 8	LCS Qualifier			-					
MB Result MB G mg/l <0.0230 coratory Control Sample (LCS) R4061314-2 04/23/24 15:48 Spike Amount LCS fre mg/l mg/l le 0.800 0.84	Qualifier 1 Result 1	MB MDL mg/l 0.0230 LCS Rec. %	₽2	LCS Qualifier								
Control Sample (LCS) Control Sample (LCS)	Result 48	mg/I 0.0230 LCS Rec. %	imits 20	LCS Qualifier								
control Sample (LCS) Sample (LCS)	Result 48	0.0230 LCS Rec. %	imits 20	LCS Qualifier								
Ocratory Control Sample (LCS)) R4061314-2 04/23/24 15:48 Spike Amount LCS ng/l mg/l mg/l	Result 48	LCS Rec. % 106		LCS Qualifier								
) R4061314-2 04/23/24 15:48 Spike Amount LCS mg/l mg/l e 0.800 0.84	Result 48	LCS Rec. % 106		LCS Qualifier		Approximate the second						
Spike Amount LCS l te mg/l mg/l e 0.800 0.84	Result 48	LCS Rec. % 106	į	LCS Qualifier		Section and Colors Section 1995						
te mg/l mg/l e 0.800 0.84	48 Matrix	106	1	and described to the control of the party of the described of the control of the party of the pa	The state of the s							
e 0.800 0.84	48 Matrix	106	80.0-120	and the second s	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	Natural Commence of the Commen						
	. Matrix						A format of format on the format of the fore					
L1728124-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)		Spike (MS	S) • Matrix S	pike Dupli	cate (MSD)							
(OS) L1728124-01 04/23/24 15:53 • (MS) R4061314-3 04/23/24 15:53 • (MSD) R4061314-4 04/23/24 15:53	1314-3 04/2	3/24 15:53 • (1	MSD) R4061314-	4 04/23/24 15	:53							
Spike Amount Original Result MS Result	ginal Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution Rec. Limits	Rec. Limits	MS Qualifier	MSD Qualifier	DPD	DDN I imite	
Analyte mg/l mg/l		mg/l	l/gm	%	%	3,	%				2 % 2 %	
Sulfide 0.800 <0.0	<0.0230	0.793	0.802	99.1	100	-	80.0-120	and the first state containing the pull-published		1.16	20	After the formation of the first class of the first
L1728129-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)) • Matrix	Spike (MS	S) • Matrix S	pike Dupli	cate (MSD)	<u>.</u>						
(OS) L1728129-01 04/23/24 15:53 • (MS) R4061314-5 04/23/24 15:53 • (MSD) R4061314-6 04/23/24 15:53	1314-5 04/2	3/24 15:53 • (1	MSD) R4061314-	6 04/23/24 15	153							
Spike Amount Original Result MS Result	ginal Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution Rec. Limits	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte mg/l mg/l		mg/l	l/gm	%	%	5	%				2 %	
Sulfide 0.800 <0.0	<0.0230	0.737	0.729	92.2	91.2	1	80.0-120			110	20	

DATE/TIME: 05/07/24 08:32

QUALITY CONTROL SUMMARY L1727407-01 DUP RPD Limits DUP RPD Limits 20 **DUP Qualifier DUP Qualifier** MB RDL 0.200 l/gm Dilution DUP RPD Dilution DUP RPD L1727354-04 Original Sample (OS) • Duplicate (DUP) L1727354-01 Original Sample (OS) • Duplicate (DUP) (OS) L1727354-04 04/24/24 09:21 • (DUP) R4061331-4 04/24/24 09:51 (OS) L1727354-01 04/24/24 09:12 • (DUP) R4061331-3 04/24/24 09:49 4.17 1.46 MB MDL 0.200 mg/l MB Qualifier Original Result DUP Result Original Result DUP Result 9.40 l/gm l/gm 104 Wet Chemistry by Method 5210 B-2016 MB Result <0.200 l/gm (MB) R4061331-1 04/24/24 09:03 9.80 l/gm mg/l Method Blank (MB) WG2270395

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Laboratory Control Sample (LCS)

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(LCS) R4061331-2 04/24/24 09:09	4/24/24 09:09				
	Spike Amount LCS Result	LCS Result	LCS Rec.	Rec. Limits	
Analyte	l/gm	mg/l	%	98	
800	198	222	112	85-115	

LCS Qualifier

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L1727407-01

Wet Chemistry by Method 5210 B-2016

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 5220D

WG2271865

Method Blank (MB)	(6				
(MB) R4060638-1 04/22/24 17:28	724 17:28				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	l/gm		l/gm	mg/l	
000	<16.1			35.0	

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	80.0-120
	LCS Rec.	%	103
	LCS Result	l/gm	514
04/22/24 17:28	Spike Amount	l/gm	200
(LCS) R4060638-2 (Analyte	000

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L1725797-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	20
	RPD	%	1.53
	MSD Qualifier		
	MS Qualifier		
	Dilution Rec. Limits	%	80.0-120
	Dilution		•
2/24 17:40	MSD Rec.	%	92.3
04/2	MS Rec.	%	9.06
 (MSD) R4060 	MSD Result	l/gm	549
4/22/24 17:40	MS Result	l/gm	541
4060638-3 0	Original Result	l/gm	87.8
22/24 17:28 · (MS) R	Spike Amount	l/gm	200
(OS) L1725797-01 04/;	Spike Amount Original Result MS Result MSD Rec. MSD Rec.	Analyte	COD

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11727407 SDG:

PROJECT:

Holiday Beach WSC

ACCOUNT:

L1726128-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1726128-01 04/22/24 17:36 • (MS) R4060638-5 04/22/24 17:40 • (MSD) R4060638-6 04/22/24 17:40	24 17:36 · (MS) R	4060638-5 04	1/22/24 17:40	(MSD) R4060	538-6 04/22/7	24 17:40						
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier RPD	RPD	RPD Limits
	l/gm	l/gm	mg/l	l/gm	%	%		%			90	%
200	200	217	673	641	91.1	84.8	-	80.0-120			4.77	20

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L1727407-01

Wet Chemistry by Method 5310C

Analyte

RPD Limits 20 RPD 1.33 MSD Qualifier MS Qualifier QUALITY CONTROL SUMMARY Dilution Rec. Limits 80.0-120 11727407-01 L1727407-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) MSD Rec. 120 (OS) L1727407-01 04/19/24 19:41 (MS) R4060001-3 04/19/24 19:41 (MSD) R4060001-4 04/19/24 19:41 LCS Qualifier MS Rec. 118 % MSD Result Rec. Limits 80.0-120 MB RDL 0.500 l/gm l/gm 1.20 Spike Amount Original Result MS Result LCS Rec. MB MDL 0.360 mg/l l/gm 1.18 106 MB Qualifier Spike Amount LCS Result <0.360 l/gm mg/l 1.06 Laboratory Control Sample (LCS) Wet Chemistry by Method 5540C MB Result <0.360 (LCS) R4060001-2 04/19/24 19:41 I/gm 1.00 1.00 (MB) R4060001-1 04/19/24 19:41 I/gm 1.00 Method Blank (MB) WG2270736

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05/07/24 08:32

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Wet Chemistry by Method SM 4500-H+B

L1724562-01 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	96	20
	DUP Qualifier		
08:55	DUP RPD	%	0.268
04/25/24	Dilution DUP RPD		-
) R4061931-2	DUP Result	ns	7.45
/25/24 08:55 • (DUP	Original Result DUP Result	ns	7.47
(OS) L1724562-01 04/25/24 08:55 • (DUP) R4061931-2 04/25/24 08:55		Analyte	Н

Sample Narrative:

OS: 7.47 at 19.7C

DUP: 7.45 at 20C

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L1724631-01 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	96	20
	DUP Qualifier		
1 08:55	DUP RPD	%	1.03
04/25/24	Dilution		-
) R4061931-3	DUP Result	ns	7.84
04/25/24 08:55 · (DUP)	Original Result	ns	7.76
(0S) L1724631-01		Analyte	Hd
1724631-01 04/:	Original Result DUP Result Dilution DUP RPD	Analyte su su	

Sample Narrative:

OS: 7.76 at 19.5C

DUP: 7.84 at 19.5C

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Laboratory Control Sample (LCS)

LCS) R4061931-1 04/25/24 08:55	Spike Amount LCS Result LCS Rec. Rec. Limits LCS Qualifier	% ns ns	
CS) R40619		nalyte	

Sample Narrative:

LCS: 5.99 at 21.7C

DATE/TIME: 05/07/24 08:32

QUALITY CONTROL SUMMARY Wet Chemistry by Method SM4500NH3H

WG2271845

(MB) R4060624-1 04/22/24 15:24	122/24 15:24				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	l/gm		mg/l	l/gm	
Ammonia Nitrogen	0.0658	71	0.0280	0.100	

Laboratory Control Sample (LCS)

nalyte	160624-2 04/22/24 15:26 Spike Amount mg/l	t LCS Result mg/l	esult LCS Rec.	Rec. Limits LC	LCS Qualifier	
mmonia Nitrogen		5.19	104	80.0-120		

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L1726497-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	20
	MSD Qualifier RPD		0.196
	MS Qualifier		
	Dilution Rec. Limits	26	80.0-120
	Dilution		-
22/24 15:29	MSD Rec.	%	98.4
50624-4 04/7	MS Rec.	%	98.6
8 · (MSD) R40	MSD Result	l/gm	5.09
04/22/24 15:2	It MS Result	l/gm	5.10
R4060624-3	Original Resu	mg/I	0.171
4/22/24 16:05 • (MS)	Spike Amount Original Result MS Result	l/gm	5.00
(OS) L1726497-02 04/22/24 16:05 • (MS) R4060624-3 04/22/24 15:28 • (MSD) R4060624-4 04/22/24 15:29		Analyte	Ammonia Nitrogen

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L1726615-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

MS Qualifier	
~1	
Dilution Rec. Limits %	1 80.0-120
MSD Rec. %	99.4
MS Rec.	99.2
MSD Result mg/l	5.02
MS Result mg/l	5.01
Original Result mg/l	0.0484
Spike Amount Original Result MS Result mg/l mg/l	5.00
Spike Amount Original Result MS Result MS Rec. MSD Result MSD Result MS Rec. MSD Result MSD R	Ammonia Nitrogen

PROJECT:

05/07/24 08:32 DATE/TIME:

Method Blank (MB)

(MB) K4061392-1 04/24/24 10:20	04/24/24 10:20				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	l/gm		l/gm	l/gm	
Aluminum	<0.0353		0.0353	0.500	
Antimony	<0.00242		0.00242		
Arsenic	<0.00418		0.00418		
Barium	<0.000490		0.000490	0.0100	
Beryllium	<0.000180		0.000180	0.00100	
Boron	<0.0186		0.0186	0.100	
Cadmium	<0.000350		0.0000350	0.00500	
Chromium	<0.000710		0.000710	0.00700	
Cobalt	<0.000680		0.000680	0.00250	
Copper	<0.00364		0.00364	0.0200	
Iron	<0.0303		0.0303	0.500	
Lead	<0.00312		0.00312	0.0100	
Magnesium	<0.0434		0.0434	1.00	
Manganese	0.00789	ار	0.00557		
Molybdenum	<0.00760		0.00760	0.0300	
Nickel	<0.00358		0.00358	0.0100	
Thallium	<0.00775		0.00775	0.0200	
Tin.	<0.00240		0.00240	0.0250	
Titanium	<0.00835		0.00835	0.100	
Zinc	<0.0106		0.0106	0.0250	

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Method Blank (MB)

			A STATE OF THE PARTY OF THE PAR
	MB RDL	mg/l	0.020.0
	MB MDL	l/gm	0.00500
	MB Qualifier		
04/24/24 16:28	MB Result	"l/gm	<0.00500
(MB) R4061703-2		Analyte	Selenium
(MB) R4061703-2 04/24/24 16:28	MB Qualifier	"l/gm	<0 DOEDO

Method Blank (MB)

			the plant of the formation of the first of a first of the part of the first of the
	MB RDL	mg/l	0.00500
	MB MDL	mg/l	0.000090
	MB Qualifier		
1 04/26/24 14:24	MB Result	l/gm	<0.000990
(MB) R4062603-1		Analyte	Silver

PROJECT:

QUALITY CONTROL SUMMARY

Laboratory Control Sample (LCS)

WG2272337 Metals (ICP) by Method 200.7

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	l/gm	∥g/l	%	%		
Aluminum	10.0	17.6	1.76	85.0-115		
Antimony	1.00	0.964	96.4	85.0-115		
Arsenic	1.00	0.957	95.7	85.0-115		
Barium	1.00	0.972	97.2	85.0-115		
Beryllium	1.00	0.992	99.2	85.0-115		
Boron	1.00	0.950	95.0	85.0-115		
Cadmium	1.00	996.0	9.96	85.0-115		
Chromium	1.00	0.982	98.2	85.0-115		
Cobalt	1.00	1.01	101	85.0-115		
Copper	1.00	0.981	98.1	85.0-115		
Iron	10.0	9.93	99.3	85.0-115		
Lead	1.00	1.01	101	85.0-115		
Magnesium	10.0	9.95	99.5	85.0-115		
Manganese	1.00	1.00	100	85.0-115		
Molybdenum	1.00	1.01	101	85.0-115		
Nickel	1.00	1.00	100	85.0-115		
Thallium	1.00	1.03	103	85.0-115		
Tin	1.00	1.00	100	85.0-115		
Titanium	1.00	0.973	97.3	85.0-115		
Zinc	1.00	0.988	8.86	85.0-115		

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Laboratory Control Sample (LCS)

	alifier		
	LCS Qualifier		
	Rec. Limits	%	85.0-115
	LCS Rec.	%	92.9
	LCS Result	∥g/l	0.929
04/24/24 16:24	Spike Amount LCS Result	l/gm	1.00
(LCS) R4061703-1 04/24/24 16:24		Analyte	Selenium

Laboratory Control Sample (LCS)

(LCS) R4062603-2 04/26/24 14:28	04/26/24 14:28				
	Spike Amount LCS Result	LCS Result	t LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm	∥gm	%	%	
Silver	0.500	0.501	100	85.0-115	

05/07/24 08:32 DATE/TIME: L1727407 SDG: PROJECT: ACCOUNT: Holidav Beach WSC

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L1727407-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

L1727407-01

(03) L1/2/40	/-OI 04/24	(US) LIVZ/4U7-U1 U4/Z4/Z4 16:3Z • (MS) R4061703-3 04/Z4/Z4 16:36 • (MSD) R4061703-4 04/Z4/Z4 16:40	R4061703-3 04	4/24/24 16:36	• (MSD) R4061,	703-4 04/24/	24 16:40							
		Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Onalifier	Udd		
Analyte	A C P. Same Second Constitution of the	l/gm	mg/l	Mg/I	mg/l	96	%		%			5 % 7	ארט בוווווט	
Aluminum		10.0	<0.0353	10.7	10.5	107	105	The second of the second of the second of	70.0-130	A A A A A A A A A A A A A A A A A A A		173	6 55	
Barium		1.00	0.292	1.36	1.34	107	105	-	70.0-130			1.73	70	
Beryllium		1.00	<0.000180	1.02	1.01	102	101		70.0-130			100	70	
Boron		1.00	2.65	3.73	3.68	108	103		70.0-130			1.08	07	
Chromium		1.00	<0.000710	0.950	0.951	95.0	95.1	-	70.0-130			0.40	70	
Copper		1.00	<0.00364	1.05	1.04	105	104		70.0.130			01.10	07	
Iron		10.0	0.547	10.7	10.6	101	100		70.0-130			0.768	70	
Magnesium		10.0	175	192	189	173	143		70.0-130	^	V	1.57	70	
Manganese		1.00	0.599	1.55	1.55	95.1	946	17.00 person of the contract o	70.0-130	·I	ı.	70.7	07	
Molybdenum		1.00	0.165	1.17	1.16	101	99.1		70.0-130			0.323	07	
Titanium		.001	<0.00835	1.02	1.00	102	001	-	70.0-130			1.69	20	

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L1727850-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(1-1)	1) - ++-01 +>/+>	-covionty for	0 04/24/24 10:48	5 • (MSD) R4061	/03-6 04/24/	24 16:52							
	Spike Amount	unt Original Res	Original Result MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD I imite	
Analyte	mg/l	l/gm	l/gm	l/gm	%	%		%			5 % 7	2 %	
Aluminum	10.0	0.0625	10.2	10.3	101	102	-	70.0-130			0.075	2 6	The second secon
Antimony	1.00	<0.00242	896.0	726.0	8.96	7.76		70 0-130			0.075	02	
Arsenic	1.00	<0.00418	1.01	1.02	101	102	-	70.0-130			216.0	02	
Barium	1.00	0.0360	1.05	1.06	102	103	1	70.0-130			0.301	20 20	
Beryllium	1.00	<0.000180	1.04	1.05	104	105	-	70.0-130			0.756	02 02	
Boron	1.00	0.535	1.51	1.52	87.8	98.9	•	70.0-130			0.724	20	
Cadmium	1.00	<0.000350	0.986	0.995	98.6	99.5	-	70.0-130			0.900	20 00	
Chromium	1.00	0.00109	1.02	1.03	102	102	1	70.0-130			0.505	30	
Cobalt	1.00	0.00541	1.00	1.01	266	100	-	70.0-130			0.000	70 20	
Copper	1.00	0.00532	1.01	1.01	100	101	St. British	70.0-130			0.793	20	
Iron	10.0	0.0994	10.6	10.6	105	105	-	70.0-130			0.849	20	
Lead	1.00	0.00343	966.0	1.00	99.2	6.66		70 0-130			6530	0,00	
Magnesium	10.0	9.88	20.2	20.4	103	105	-	70.0-130			100.0	92	
Manganese	1.00	0.0125	1.01	1.01	99.4	6.66	1	70 0-130			0.405	20 00	
Molybdenum	1.00	<0.00760	0.978	966.0	97.8	9.66		70 0-130			17.	70	
Nickel	1.00	0.00578	1.02	1.03	102	102		70 0-130			0.525	20	
Selenium	1.00	<0.00500	0.991	0.995	99.1	99.5	-	70.0-130			0.363	02 02	
Thallium	1.00	<0.00775	1.00	1.01	100	101		70 0-130			0.200	0, 0,	
틸	1.00	<0.00240	1.03	1.04	103	104	-	70.0-130			0.773	0,00	
Titanium	1.00	<0.00835	1.02	1.03	102	103	- A - C - C - C - C - C - C - C - C - C	70.0-130			108	000	
Zinc	1.00	<0.0106	0.981	0.988	98.1	8.86	-	70.0-130			0.640	20	
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05/07/24 08:32 DATE/TIME:

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QUALITY CONTROL SUMMARY

Metals (ICP) by Method 200.7

L1727407-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1727407-01 04/25/24 13:37 • (MS) R4062088-1 04/25/24 13:41 • (MSD) R4062088-2	1/25/24 13:37 • (MS)	R4062088-1 0	4/25/24 13:41	· (MSD) R4062	088-2 04/25/	04/25/24 13:45							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	mg/l	l/gm	∥gm	%	%		%		No. of Contrast of	96	%	
Antimony	1.00	<0.00484	1.03	1.04	103	104	2	70.0-130			1.16	20	
Arsenic	1.00	<0.00836	1.08	1.09	108	109	2	70.0-130			0.755	20	
Cadmium	1.00	<0.000700	1.06	1.07	106	107	2	70.0-130			0.842	20	
Cobalt	1.00	<0.00136	0.928	0.938	92.8	93.8	2	70.0-130			1.07	20	
Lead	1.00	0.0126	0.916	0.922	90.4	91.0	2	70.0-130			0.631	20	
Nickel	1.00	0.0143	0.950	0.959	93.6	94.5	2	70.0-130			0.964	20	
Selenium	1.00	<0.0100	1.06	1.07	106	107	2	70.0-130			1.22	20	
Thallium	1.00	<0.0155	0.879	0.887	87.9	88.7	2	70.0-130			0.974	20	
Tin	1.00	<0.00480	0.954	0.962	95.4	96.2	2	70.0-130			0.835	20	
Zinc	1.00	<0.0212	0.961	0.970	96.1	97.0	2	70.0-130			0.953	20	
L1727407-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	riginal Sample	(OS) • Matr	rix Spike (N	MS) · Matrix	Spike Du	plicate (MS	Ô						
(OS) L1727407-01 04/26/2414:32 • (MS) R4062603-3 04/26/2414:36 • (MSD) R4062603-	4/26/24 14:32 · (MS)	R4062603-3	04/26/24 14:36	5 • (MSD) R406	2603-4 04/26	4 04/26/24 14:40							
	Spike Amount	Spike Amount Original Result MS Result	t MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	l/gm	l/gm	mg/l	96	%		%		2	%	%	
Silver	0.500	<0.000990	0.567	0.552	113	110	-	70.0-130			2.68	20	

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	Spike Amount	Spike Amount Original Result MS Resu	MS Result	MSD Result	It MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	l/gm	l/gm	l/gm	l/gm	%	%		%			%	%
Silver	0.500	0.0587	0.568	0.571	102	102	-	70.0-130			0.527	20

ACCOUNT: Holiday Beach WSC

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PROJECT:

SDG: L1727407

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L1727407-01

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Method Blank (MB)

Analyte mg/l 1,1,1-Trichloroethane <0.0003 1,1,2,2-Tetrachloroethane <0.0001 1,1,2-Trichloroethane <0.0014 1,1,1-1,1-1,1-1,1-1,1-1,1-1,1-1,1-1,1-1	MB Result	MD Ouglifier	MB MD		
Analyte 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane		WINE CONTRACTOR		TO CAN	
1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane	l/gm		ma/l	mb rbl	
1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1,0-Trichloroethane	<0.00335	are party to be a second for the latest design and the first second to the first secon	0.00335	0.00500	
1,1,2-Trichloroethane	<0.000596		0.000596		
11 Dirhlorothago	<0.00145		0.00145	0.00500	
ו, רטוכוווטוטפנוומוופ	<0.00292		0.00292	0.00500	
1,1-Dichloroethene	<0.00367		0.00367	0.00500	
1,2-Dichlorobenzene	<0.00172		0.00172	0.00200	
1,2-Dichloroethane	<0.00195		0.00195	0.00500	
1,2-Dichloropropane	<0.000804		0.000804	0.00200	
1,3-Dichlorobenzene	<0.00419		0.00419	0.00500	
1,4-Dichlorobenzene	<0.00173		0.00173	0.00200	
2-Chloroethyl vinyl ether	<0.00652		0.00652	0.0100	
Acrolein	<0.00544		0.00544	0.0100	
Acrylonitrile	<0.00709		0.00709	0.0100	
Benzene	<0.00207		0.00207	0.00500	
Bromodichloromethane	<0.00179		0.00179	0.00200	
Bromoform	<0.000960		09600000	0.0100	
Bromomethane	<0.00347		0.00347	0.00500	
Carbon tetrachloride	<0.00159		0.00159	0.00200	
Chlorobenzene	<0.00276		0.00276	0.0100	
Chloroethane	<0.00296		0.00296	0.00500	
Chloroform	<0.00212		0.00212	0.00500	
Chloromethane	<0.00361		0.00361	0.00500	
cis-1,2-Dichloroethene	<0.00113		0.00113	0.00500	
cis-1,3-Dichloropropene	<0.00492		0.00492	0.0100	
Dibromochloromethane	<0.00327		0.00327	0.00500	
Ethylbenzene	<0.000401		0.000401	0.00200	
Methylene Chloride	<0.0118		0.0118	0.0200	
Tetrachloroethene	<0.00486		0.00486	0.0100	
Toluene	<0.00219		0.00219	0.00500	
Total 1,3-Dichloropropene	<0.00372		0.00372	0.0100	
trans-1,2-Dichloroethene	<0.00501		0.00501	0.0100	
trans-1,3-Dichloropropene	<0.00460		0.00460	0.00500	
Trichloroethene	<0.00262		0.00262	0.00500	
Vinyl chloride	<0.00466		0.00466	0.00500	
(S) 1,2-Dichloroethane-d4	67.6			70.0-130	
(S) 4-Bromofluorobenzene	105			70.0-130	
(S) Toluene-d8	102				

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ACCOUNT: Holiday Beach WSC

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SDG: L1727407

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PAGE:

 $WG2271797\\ \text{Volatile Organic Compounds (GC/MS) by Method 624.1}$

QUALITY CONTROL SUMMARY

Laboratory Control Sample (LCS)

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(LCS) R4060909-1 04/22/24 12:38	/24 12:38				September 1997	
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	l/gm	∏g/l	%	%		The state of the s
1,1,1-Trichloroethane	0.0200	0.0198	0.66	70.0-130		
1,1,2,2-Tetrachloroethane	0.0200	0.0197	98.5	60.0-140		
1,1,2-Trichloroethane	0.0200	0.0201	101	70.0-130		
1,1-Dichloroethane	0.0200	0.0201	101	70.0-130		
1,1-Dichloroethene	0.0200	0.0213	106	50.0-150		
1,2-Dichlorobenzene	0.0200	0.0203	102	65.0-135		
1,2-Dichloroethane	0.0200	0.0199	99.5	70.0-130		
1,2-Dichloropropane	0.0200	0.0199	99.5	35.0-165		
1,3-Dichlorobenzene	0.0200	0.0204	102	70.0-130		
1,4-Dichlorobenzene	0.0200	0.0196	98.0	65.0-135		
2-Chloroethyl vinyl ether	0.100	0.0952	95.2	1.00-225		
Acrolein	0.100	0,122	122	64.0-139		
Acrylonitrile	0.100	0.0951	95.1	67.0-136		
Benzene	0.0200	0.0206	103	65.0-135		
Bromodichloromethane	0.0200	0.0202	101	65.0-135		
Bromoform	0.0200	0.0170	85.0	70.0-130		
Bromomethane	0.0200	0.0153	76.5	15.0-185		
Carbon tetrachloride	0.0200	0.0185	92.5	70.0-130		
Chlorobenzene	0.0200	0.0203	102	65.0-135		
Chloroethane	0.0200	0.0198	0.66	40.0-160		
Chloroform	0.0200	0.0196	0.86	70.0-135		
Chloromethane	0.0200	0.0108	54.0	1.00-205		
cis-1,2-Dichloroethene	0.0200	0.0205	103	70.0-130		
cis-1,3-Dichloropropene	0.0200	0.0183	91.5	25.0-175		
Dibromochloromethane	0.0200	0.0194	97.0	70.0-135		
Ethylbenzene	0.0200	0.0205	103	60.0-140		
Methylene Chloride	0.0200	0.0186	93.0	60.0-140		
Tetrachloroethene	0.0200	0.0220	110	70.0-130		
Tolueñe	0.0200	0.0206	103	70.0-130		
Total 1,3-Dichloropropene	0.0401	0.0342	85.3	70.0-130		
trans-1,2-Dichloroethene	0.0200	0.0195	97.5	70.0-130		
trans-1,3-Dichloropropene	0.0200	0.0159	79.5	50.0-150		
Trichloroethene	0.0200	0.0192	0.96	65.0-135		
Vinyl chloride	0.0200	0.0174	87.0	5.00-195		
(S) 1,2-Dichloroethane-d4			94.0	70.0-130		
(S) 4-Bromofluorobenzene			28.7	70.0-130		
(S) Toluene-d8			99.5	70.0-130		

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ACCOUNT: Holidav Beach WSC

DATE/TIME: 05/07/24 08:32

SDG: L1727407

PROJECT:

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PAGE:

L1727407-01

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Sr

SS

L1727850-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

Spike Amount Original Result MS Result oroethane 0.0199 <0.00335 0.0205 rachloroethane 0.0201 <0.000396 0.0183 rachloroethane 0.0201 <0.000396 0.0183 oethane 0.0200 <0.000396 0.0183 oethane 0.0200 <0.000397 0.0183 oethane 0.0200 <0.000397 0.0183 robenzene 0.0200 <0.000397 0.0183 robenzene 0.0200 <0.00049 <0.00049 robenzene 0.0200 <0.00049 <0.00049 <th>1,000,000,000,000,000,000,000,000,000,0</th> <th>(()</th> <th>0-00000tu</th> <th>14.54</th> <th>4 • (MSD) R406</th> <th>0909-4 04/2</th> <th>2/24 14:56</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	1,000,000,000,000,000,000,000,000,000,0	(()	0-00000tu	14.54	4 • (MSD) R406	0909-4 04/2	2/24 14:56							
Mail majl		Spike Amount		MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD I imite	
Occopyage OLOSSA OLOSSA OLOSSA OLOSA	Analyte	l/gm	l/gm	l/gm	l/gm	%	%		%			5 % 1	N 7 E	
recipaciente (2020) 4000586 01083 01083 01089 10	1,1-Trichloroethane	0.0199	<0.00335	0.0205	0.0184	103	92.5	-	52.0-162	the Party of the Party of the party of party of the latest and	cards to the separate hands in the figure property and	301	36	And the second second second second
the control of the co	1,2,2-Tetrachloroethane	0.0201	<0.000596	0.0183	0.0192	91.0	95.5		46.0-157			0.0	8 2	
1,000,000,000,000,000,000,000,000,000,0	1,2-Trichloroethane	0.0199	<0.00145	0.0193	0.0181	97.0	91.0	-	52.0-150			5.47	OI AF	
1,00,000 0,000084 0,00085 0,00087 0,00082 0,00089 0,00099 0,00089 0,	1-Dichloroethane	0.0200	<0.00292	0.0188	0.0180	94.0	0.06		59.0-155			4.35	Q 43	
OLODIO (2000) COUNTY CORDIS 91.0 91.0 92.0 70.0 Componente OLOZOO CALODIS 0.0775 0.075 91.0 94.5 94.5 94.0 95.0 <	1-Dichloroethene	0.0200	<0.00367	0.0225	0.0191	113	95.5	-	1.00-234			16.3	33 49	
continue 0.0200 -0.00854 0.0077 0.069 88.5 84.5 1 46.0456 7.7 contented 0.0789 -0.0078 0.078 95.0 87.9 1 100.20 7.69 contentede 0.0789 -0.0078 0.078 0.078 0.078 0.078 0.078 0.078 0.078 0.078 0.002 0.0020 0.0020 0.0020 0.0020 0.0020 0.000	2-Dichlorobenzene	0.0200	<0.00172	0.0187	0.0182	93.5	91.0	1	18.0-190			2.71	25	
Orbitation of D1099 - 0,000804 0,0189 - 0,000804 0,0189 - 0,000804 0,0189 - 0,000804 0,0189 - 0,000804 0,0189 - 0,00049 0,007 1 0,002.00 - 1,002.00	2-Dichloroethane	0.0200	<0.00195	0.0177	0.0169	88.5	84.5		49.0-155			7.7	70	
Objective of Control CONDIGE CONTROL CONTROL <td>2-Dichloropropane</td> <td>0.0199</td> <td><0.000804</td> <td>0.0189</td> <td>0.0175</td> <td>95.0</td> <td>87.9</td> <td></td> <td>1.00-210</td> <td></td> <td></td> <td>7.69</td> <td>43</td> <td></td>	2-Dichloropropane	0.0199	<0.000804	0.0189	0.0175	95.0	87.9		1.00-210			7.69	43	
thy off with with with with with with with with	3-Dichlorobenzene	0.0199	<0.00419	0.0178	0.0176	89.4	88.4	-	59.0-156			51.1	73	
Info CLOD CLOD GREAT CLODGEAT C	4-Dichlorobenzene	0.0200	<0.00173	0.0182	0.0180	91.0	0.06		18.0-190			110	? [2	
1,100 -0,000544 -0,000544 -0,000544 -0,000544 -0,000544 -0,000544 -0,000544 -0,000544 -0,000544 -0,000540 -0,000779 -0,00077	Chloroethyl vinyl ether	0.100	<0.00652	<0.00652	<0.00652	0.000	0.000	-	1.00-305	J6	JG	0000	5 F	
In the color of	rolein	0.100	<0.00544	<0.00544	<0.00544	0000	0.000	1	4.00-172	97	1 4	0000	30	
0,02000 -0,0002070 0,02000 -0,0002070 0,0200 -0,0002070 0,010020 -0,000200 -0,	crylonitrile	0.100	<0.00709	0.0911	0.0930	91.1	93.0	-	22.0-189	I	1	2.06	02	
0 01999 -0,000979 -0,01920	enzene	0.0200	<0.00207	0.0206	0.0189	103	94.5	1	37.0-151			861	2 2	
0.0198 -0.0009660 0.0162 80.8 76.8 1 70.0-130 5.13 0.0200 -0.000347 0.0144 0.0149 67.0 70.0 1 15.0-185 4.38 0.0200 -0.00249 0.0178 0.0179 99.0 89.5 1 70.0-40 10.1 0.0200 -0.00276 0.0184 0.0189 0.0189 0.0189 1 70.0-40 10.0 0.0200 -0.00276 0.0184 0.0189 0.0189 1 70.0-40 10.0 0.0200 -0.00276 0.0184 0.0189 90.5 1 40.230 19.0 0.0200 -0.00218 0.0184 7.0 1 40.230 10.0 0.0200 -0.00218 0.0187 0.018 7.0 1 40.043 10.4 0.0200 -0.00482 0.0171 0.0183 85.5 81.5 1 70.0-130 10.4 0.0200 -0.00482 0.0201 0.0182 85.5	romodichloromethane	0.0199	<0.00179	0.0182	0.0170	91.5	85.4	-	35.0-155			6.82	22	
00200 <0,00347 0,0134 0,0140 67,0 70.0 1 15,0-185 4,88 00200 <0,000759	romoform	0.0198	<0.000960	0.0160	0.0152	80.8	76.8		70.0-130			5.13	42	
0.0200 0.0200 0.0108 0.0198 0.0198 0.0198 0.0199 0.0199 0.0199 0.0199 0.0189 0.0199 0.0189 0.0189 0.0189 0.0189 0.0189 0.0189 0.0189 0.0189 0.0189 0.0189	romomethane	0.0200	<0.00347	0.0134	0.0140	0.79	70.0	-	15.0-185			4.38	: :	
0.0200 -0.00276 0.0184 0.0181 91.0 90.5 1 370-160 6.93 0.0200 -0.00276 0.0219 0.0219 0.0181 110 90.5 1 440-230 6.93 0.0200 -0.00271 0.0181 0.0182 6.40 71.0 1 510-138 6.49 0.0200 -0.00281 0.0182 0.0182 6.40 71.0 1 100-273 10.4 0.0200 -0.00492 0.0171 0.0183 85.5 81.5 1 70.430 27.7 0.0200 -0.00492 0.0171 0.0183 85.5 81.5 1 70.0-130 10.4 0.0200 -0.00492 0.0171 0.0180 0.020 1 70.0-130 27.7 0.0200 -0.00496 0.0201 0.0162 81.9 1 70.0-130 7.9 0.0200 -0.00486 0.0221 0.0202 10.4 1 70.0-130 7.9 0.0200 <	arbon tetrachloride	0.0200	<0.00159	0.0198	0.0179	0.66	89.5	-	70.0-140			10.1	41	
0.0200 -0.00296 0.0219 0.0181 110 90.5 1 14,0-230 15.0 19.0 10.0200 -0.00212 0.0191 0.0179 95.5 89.5 1 51,0-138 6.49 10.4 10.0 10.0 10.4 10.0 10.0 10.4 10.0 10.0 10.4 10.0 10.0 10.4 10.0 10.0 10.4 10.0 10.0 10.4 10.0 10.0 10.4 10.0 10.0 10.4 10.0 10.0 10.4 10.0 10.0 10.4 10.0	hlorobenzene	0.0200	<0.00276	0.0194	0.0181	97.0	90.5	-	37.0-160			6 93	£ 22	
0.0200 <0.00212 0.0191 0.0179 95.5 89.5 1 510-138 649 0.0200 <0.00361	hloroethane	0.0200	<0.00296	0.0219	0.0181	110	90.5	1	14.0-230			19.0	78	
0.0200 -0.00361 0.0128 0.042 64.0 71.0 1 1.00-273 10.4 0.0200 -0.00413 0.0186 0.0181 93.0 90.5 1 70.0130 2.72 0.0200 -0.00492 0.0711 0.0163 85.5 81.5 1 70.0130 4.79 0.0204 -0.0037 0.0180 0.0705 103 94.7 1 50.027 4.79 0.0204 -0.0186 0.0224 0.0205 102 79.4 1 70.0162 5.71 0.0204 -0.0186 0.0224 0.0207 112 104 1 64.0148 7.51 0.0200 -0.0219 0.0224 0.0207 112 104 1 10.0221 7.51 0.0200 -0.00486 0.0224 0.0207 102 102 102 102 102 102 102 102 102 102 102 102 102 102 102 102 102	hloroform	0.0200	<0.00212	0.0191	0.0179	95.5	89.5	-	51.0-138			6.49	24	
0.0200 <0.00130 0.0186 0.0181 93.0 90.5 1 700-130 277 0.0200 <0.00492	hloromethane	0.0200	<0.00361	0.0128	0.0142	64.0	71.0		1.00-273			10.4	20	
0.0200 <0.00492 0.0171 0.0163 85.5 81.5 1 1.00-227 4.79 0.0198 <0.00327	s-1,2-Dichloroethene	0.0200	<0.00113	0.0186	0.0181	93.0	90.5	-	70.0-130			2.72	20	
numethane 0.0198 -0.00327 0.0170 90.9 85.9 1 53.0-449 5.71 0.0200 0.00156 0.0221 0.0205 103 94.7 1 370-162 75.1 loride 0.0204 0.0167 0.0162 81.9 79.4 1 1.00-221 7.51 nene 0.0204 -0.0188 0.0207 112 104 1 64.0-48 7.51 noroptropene 0.0200 -0.00219 0.0203 0.0187 102 93.5 1 47.0-150 7.89 noroptropene 0.0401 -0.00202 0.0187 102 93.5 1 70.0-130 7.89 noroptropene 0.0200 -0.00501 0.0187 0.0154 75.1 76.6 1 70.0-130 1.75 noroptropene 0.0200 -0.00560 0.0187 0.0184 75.1 76.6 1 70.0-130 1.97 noroptropene 0.0200 -0.00466 0.0197 0.0181 <td>s-1,3-Dichloropropene</td> <td>0.0200</td> <td><0.00492</td> <td>0.0171</td> <td>0.0163</td> <td>85.5</td> <td>81.5</td> <td>1</td> <td>1.00-227</td> <td></td> <td></td> <td>4.79</td> <td>28</td> <td></td>	s-1,3-Dichloropropene	0.0200	<0.00492	0.0171	0.0163	85.5	81.5	1	1.00-227			4.79	28	
OLOZOO 0.00156 0.0221 0.0205 103 94.7 1 37.0-162 75.1 Ioride 0.0204 -0.0118 0.0162 81.9 79.4 1 1.00-221 3.04 Iene 0.0200 -0.00486 0.0224 0.0207 112 104 1 64.0-148 7.89 Orozoo -0.00219 0.0203 0.0187 102 93.5 1 47.0-150 82.1 Oroptopene 0.0401 -0.00372 0.0317 80.3 79.1 1 70.0-130 1.56 Oroptopene 0.0200 -0.00561 0.0198 0.0175 99.0 87.5 1 70.0-156 12.3 Orozoo -0.00460 0.0151 0.0154 75.1 76.6 1 70.0-157 13.4 Orozoo -0.00466 0.0197 0.0181 104 90.5 1 70.0-157 10.7 Orozoo -0.00466 0.0197 0.0197 0.0177 98.5 1	bromochloromethane	0.0198	<0.00327	0.0180	0.0170	6.06	85.9	-	53.0-149			5.71	20	
loride 0.0204 <0.018 0.0167 0.0162 81.9 79.4 1 1.00-221 3.04 nene 0.0200 <0.00246	thylbenzene	0.0200	0.00156	0.0221	0.0205	103	94.7	-	37.0-162			7.51	: E	
lene 0.0200 <0.0204 0.0204 0.0204 10 1 640-148 7.89 0.0200 <0.00219	ethylene Chloride	0.0204	<0.0118	0.0167	0.0162	81.9	79.4	-	1.00-221			3.04	28	
0.0200 <0.0204 <0.0203 0.0187 102 93.5 1 47.0-150 8.21 oroethene 0.0401 <0.00372	etrachloroethene	0.0200	<0.00486	0.0224	0.0207	112	104		64.0-148			7.89	39	
oroptopene 0.0401 <0.0332 0.0317 80.3 79.1 1 70.0-130 1.56 oroptipene 0.0200 <0.00561 0.0198 0.0175 99.0 87.5 1 54.0-156 12.3 oroptopene 0.0201 <0.00460 0.0151 0.0154 75.1 76.6 1 17.0-183 1.97 ne 0.0200 <0.00262 0.0207 0.0181 104 90.5 1 70.0-157 13.4 oroethane-d4 90.7 98.5 88.5 1 1.00-251 10.7 fluorobenzene 97.3 98.5 70.0-130 70.0-130 10.7 d8 107 103 70.0-130 70.0-130 10.7	oluene	0.0200	<0.00219	0.0203	0.0187	102	93.5	-	47.0-150			8.21	41	
oroptifiene 0.0200 <0.00501 0.0198 0.0175 99.0 87.5 1 54.0-156 12.3 oroptropene 0.0201 <0.00460 0.0151 0.0154 75.1 76.6 1 77.0-183 1.97 ne 0.0200 <0.00262 0.0207 0.0181 104 90.5 1 70.0-157 13.4 oroethane-d4 98.5 88.5 1 1.00-251 10.7 diluorobenzene 97.3 98.5 70.0-130 70.0-130 10.7 d8 107 103 70.0-130 10.7	otal 1,3-Dichloropropene	0.0401	<0.00372	0.0322	0.0317	80.3	79.1	1	70.0-130			1.56	20	
oropropenie 0.0201 <0.0204 0.0154 75.1 76.6 1 77.0-183 1.97 ne 0.0200 <0.0200 <0.0207 0.0181 104 90.5 1 70.0-157 13.4 noroethane-d4 90.7 98.5 88.5 1 1.00-251 10.7 fluorobenzene 97.3 98.5 70.0-130 70.0-130 70.0-130 d8 107 103 70.0-130 70.0-130	ans-1,2-Dichloroethene	0.0200	<0.00501	0.0198	0.0175	0.66	87.5	-	54.0-156			12.3	45	
ne 0.0200 <0.0200 <0.0207 0.0181 104 90.5 1 70.0-157 13.4 oroethane-d4 0.0200 <0.00466	ans-1,3-Dichloropropene	0.0201	<0.00460	0.0151	0.0154	75.1	76.6		17.0-183			1.97	98	
0.0200 <0.00466	ıchloroethene	0.0200	<0.00262	0.0207	0.0181	104	90.5	-	70.0-157			13.4	48	
90.7 93.5 97.3 98.5 101 103	inyl chloride	0.0200	<0.00466	0.0197	0.0177	98.5	88.5	1	1.00-251			10.7	99	
97.3 98.5 101 103	(S) 1,2-Dichloroethane-d4					20.7	93.5		70.0-130					
101 103	(S) 4-Bromofluorobenzene					97.3	98.5		70.0-130					
	(S) Toluene-d8					101	103		70.0-130					

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ACCOUNT: Holiday Beach WSC

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WG2272451

QUALITY CONTROL SUMMARY

Pesticides (GC) by Method EPA 608.3

MB)

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	MB Result	MB Qualifier	MB MDL	MB RDL			
Analyte	mg/l		l/gm	l/gm		The state of the s	
Aldrin	<0.0000198		0.0000198	0.0000500			
Alpha BHC	<0.0000172		0.0000172	0.0000500			
Beta BHC	<0.0000208		0.00000208	0.0000500			
Delta BHC	<0.00000150		0.00000150	0.0000500			
Gamma BHC	<0.0000209		0.0000209	0.0000500			
Chlordane	<0.0000198		0.0000198	0.00500	9		
4,4-DDD	<0.0000177		0.0000177	0.00000500			
4,4-DDE	<0.00000154		0.0000154	0.0000500			
4,4-DDT	<0.0000198		0.0000198	0.0000500			
Dieldrin	<0.0000162		0.0000162	0.0000500			
Endosulfan I	<0.0000160		0.0000160	0.0000500			
Endosulfan II	<0.0000164		0.0000164	0.0000500			
Endosulfan sulfate	<0.0000217		0.0000217	0.0000500			
Endrin	<0.0000161		0.0000161	0.0000500			
Endrin aldehyde	<0.0000237		0.0000237	0.0000500			
Endrin ketone	<0.0000219		0.0000219	0.0000500			
Heptachlor	<0.0000148		0.0000148	0.0000500			
Heptachlor epoxide	<0.0000183		0.0000183	0.0000500			
Hexachlorobenzene	<0.0000176		0.0000176	0.0000500			
Methoxychlor	<0.0000193		0.0000193	0.0000500			
Toxaphene	<0.000168		0.000168	0.000500			
gamma-Chlordane	<0.0000137		0.0000137	0.0000500			
alpha-Chlordane	<0.0000149		0.0000149	0.0000500			
(S) Decachlorobiphenyl	71.1			10.0-144			
1 10	000			10.0.135			

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Laboratory Control Sample (LCS)

LCS) R4062225-2 04/24/24 15:12	1/24 15:12					
	Spike Amount		LCS Rec.	Rec. Limits	LCS Qualifier	
nalyte	l/gm	∥g/l	%	%		
ldrin	0.00100		51.4	42.0-140		
pha BHC	0.00100		73.7	37.0-140		
Beta BHC	0.00100		76.1	17.0-147		
elta BHC	0.00100		72.3	19.0-140		
amma BHC	0.00100		77.5	32.0-140		
4-000	0.00100		83.3	31.0-141		
,4-DDE	0.00100		72.4	30.0-145		
4-DDT	0.00100		81.4	25.0-160		

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Holiday Beach WSC ACCOUNT:

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Laboratory Control Sample (LCS)

(LCS) R4062225-2 04/24/24 15:12	24/24 15:12							1
	Spike Amount LCS Result	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier			
Analyte	mg/l	mg/l	%	%				
Dieldrin	0.00100	0.000785	78.5	36.0-146			Capes Market Shirt and Shirt and Shirt	
Endosulfan I	0.00100	0.0000755	75.5	45.0-153				
Endosulfan II	0.00100	0.000768	76.8	1.00-202				
Endosulfan sulfate	0.00100	0.000791	79.1	26.0-144				
Endrin	0.00100	0.000836	83.6	30.0-147				
Endrin aldehyde	0.00100	0.000737	73.7	56.0-128				
Endrin ketone	0.00100	0.000778	77.8	54.0-142				
Heptachlor	0.00100	0.000615	61.5	34.0-140				
Heptachlor epoxide	0.00100	0.000745	74.5	37.0-142				
Hexachlorobenzene	0.00100	0.000509	50.9	35.0-120				
Methoxychlor	0.00100	0.000839	83.9	44.0-160				
gamma-Chlordane	0.00100	0.000077	71.7	45.0-140				
alpha-Chlordane	0.00100	0.000708	70.8	45.0-140				
(S) Decachlorobiphenyl			71.4	10.0-144				
(S) Tetrachloro-m-xylene			47.8	10.0-135				

L1727407-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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	(03) LIVE 1401-01 04/24/24 10:01 (MIS) R4062225-3 04/24/24 16:10 (MSD)	K4062225-3 04	1/24/24 16:10	• (MSD) R4062	R4062225-4 04/24/24 16:20	4/24 16:20							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	udd	-fimil ODD	
Analyte	l/gm	l/gm	l/gm	mg/l	%	%					2 2 3	A	
Aldrin	0.00100	<0.0000198	0.000173	0.000772	17.3	77.2	1	07 0 140	ä	2	9 7	e c	
Alpha BHC	0.00100	<0.0000172	0.000178	0.000823	17.8	02.2	TOTAL PRINCIPAL	041-0.27	21 2	31	/7!	35	
Reta RHC	טטייטט	8000000	0.0000	5200000	0.7	67.3		37.0-140	લ	۳ ا	129	36	
2 2	0.00100	207000000	0.000204	0.00084/	20.4	84.7	8	17.0-147		73	122	44	
Delta BHC	0.00100	<0.0000150	0.000182	0.000802	18.2	80.2	1	19.0-140	97	2	176	53	
Gamma BHC	0.00100	<0.0000209	0.000191	0.000868	19.1	86.8	-	32.0-140	<u> 9</u>	<u> </u>	17.8	30	
4,4-DDD	0.00100	<0.0000177	0.000200	0.000921	20.0	92.1		31.0-141	2 9	31 <u>c</u>	120	66	
4,4-DDE	0.00100	<0.0000154	0.000218	0.000859	21.8	85.9	-	30.0-145	<u>s</u>	임 =	110	35 2F	
4,4-DDT	0.00100	<0.0000198	0.000201	0.000859	20.1	85.9		25.0-160	SI 9	۲ <u>۱ ۵</u>	174	33	
Dieldrin	0.00100	<0.0000162	0.000194	0.000885	19.4	88.5	-	36.0-146	1 9	<u>ا ۳</u>	128	49	
Endosulfan I	0.00100	<0.0000160	0.000204	0.000835	20.4	83.5	1	45.0.153	<u></u>	31 <u>c</u>	5 5	£ 6	
Endosulfan II	0.00100	<0.0000164	0.000192	0.000942	10.7	0.40	A STATE OF THE STA	00000	31	31	171	97	
Endoculfan culfato	00000	1000000	201000.0	0.000043	7.6	84.3	-	1.00-202		۳ <u>ا</u>	126	23	
ulian sunate	0.00000	<0.0000ZI/	0.000204	0.000876	20.4	87.6	-	26.0-144	91	<u>E</u>	124	38	
Endrin	0.00100	<0.0000161	0.000198	0.000842	19.8	84.2	-	30.0-147	195	<u>e</u>	124	48	
Endrin aldehyde	0.00100	<0.0000237	0.000234	0.000809	23.4	80.9	-	56.0-128	9	<u>"</u>	110	02	
Endrin ketone	0.00100	<0.0000219	0.000204	0.000864	20.4	86.4	-	54 0-142	<u> </u>	2 0	5 5	07 02	
Heptachlor	0.00100	<0.0000148	0.000190	0.000819	19.0	81.9		34.0-140	S S	3] <u>c</u>	175	73	
Heptachlor epoxide	0.00100	<0.0000183	0.000197	0.000839	19.7	83.9	-	37.0-142	197	3 m	124	£ 50	
Hexachlorobenzene	0.00100	<0.00000176	0.000171	0.000686	17.1	9.89		35 0-120	2	<u>c</u>		25	

PAGE: 41 of 72

DATE/TIME: 05/07/24 08:32

SDG: L1727407

PROJECT:

Holiday Beach WSC

ACCOUNT:

Pesticides (GC) by Method EPA 608.3 WG2272451

QUALITY CONTROL SUMMARY

L1727407-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits						
	RPD	%	22	35	32		
		%	124	127	121		
	MSD Qualifier		<u>EL</u>	ध	<u></u>		
	MS Qualifier		919	97	97		
		%	44.0-160	45.0-140	45.0-140	10.0-144	10.0-135
	Dilution		-	-	-		
4/24 16:20	MSD Rec.	% % // // // // // // // // // // // //	91.9	84.1	82.7	73.9	2.99
225-4 04/2	MS Rec.	%	21.7	18.7	20.3	22.7	16.4
· (MSD) R4062	MSD Result	l/gm	0.000919	0.000841	0.000827		
4/24/24 16:10	MS Result		0.000217	0.000187	0.000203		
4062225-3 0	Original Result	l/gm	<0.0000193	<0.0000137	<0.0000149		
24 16:01 • (MS) R	Spike Amount Original Result MS Result	l/gm	0.00100	0.00100	0.00100		
(OS) L1727407-01 04/24/24 16:01 • (MS) R4062225-3 04/24/24 16:10		Analyte	Methoxychlor	gamma-Chlordane	alpha-Chlordane	(S) Decachlorobiphenyl	(S) Tetrachloro-m-xylene

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SDG:	L1727407

PROJECT:

Holiday Reach WSC ACCOUNT:

PAGE: 42 of 72

05/07/24 08:32 DATE/TIME:

L1727407-01

Method Blank (MB)

Analyte MB Result MB Result MB Qualifier MB Round MB RDL PCB 1016 mg/l mg/l mg/l mg/l PCB 1221 <a.000270< a=""> 0.000570 0.000500 PCB 1232 <a.000270< td=""> 0.000500 0.000500 PCB 1242 <a.000270< td=""> 0.000500 0.000500 PCB 1248 <a.0000773< td=""> 0.000500 0.000500 PCB 1254 <a.0000773< td=""> 0.000500 0.000500 PCB 1260 <a.0000773< td=""> 0.000500 0.000500 All All All All All All All All All All</a.0000773<></a.0000773<></a.0000773<></a.0000773<></a.0000773<></a.0000773<></a.0000773<></a.000270<></a.000270<></a.000270<>	(MB) R4062225-1 04/24/24 14:52	/24 14:52									
mg/l mg/l mg/l <0.000270 0.000270 0.000500 <0.000270 0.000270 0.000500 <0.000270 0.000270 0.000500 <0.000270 0.000270 0.000500 <0.000173 0.000500 0.000500 <0.000173 0.000500 0.000500 <0.000173 0.000500 0.000500 <0.000173 0.000500 0.000500 <0.000173 0.000500 0.000500 <0.000173 0.000500 0.000500		MB Result	MB Qualifier	MB MDL	MB RDL						
<0.000270 0.000270 0.000500 <0.000270 0.000270 0.000500 <0.000270 0.000270 0.000500 <0.000270 0.000270 0.000500 <0.000173 0.000173 0.000500 <0.000173 0.000173 0.000500 <0.000173 0.000500 0.000500 chlorobiphenyl 72.5 10.0-144 <0.000173 0.00135 0.00135	Analyte	mg/l		l/gm	l/gm						
<0.000270	PCB 1016	<0.000270	to present the feet of the fee	0.000270	0.000500	Commence of the complete of the control of the complete of the	Charter or a construction of the construction	Andreas and an artist of the angles and and	And the same of the same of	the late is the first of the control	
<0.000270	PCB 1221	<0.000270		0.000270	0.000500						
<0.000270	PCB 1232	<0.000270		0.000270	0.000500						
<0.000173	PCB 1242	<0.000270		0.000270	0.000500						
C0000173 C00000173 C0000173 C0000173	PCB 1248	<0.000173		0.000173	0.000500						
 <0.000173 <0.000173	PCB 1254	<0.000173		0.000173	0.000500						
<0.000173	PCB 1260	<0.000173		0.000173	0.000500						
72.5 n 63.3 n	Total PCBs	<0.000173		0.000173	0.000500						
63.3	(S) Decachlorobiphenyl	72.5			10.0-144						
	(S) Tetrachloro-m-xylene	63.3			10.0-135						

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Laboratory Control Sample (LCS)

(LCS) R4062225-5 04/24/24	4/24 15:31					
	Spike Amount LCS Result	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	l/gm	l/gm	%	%		
PCB 1016	0.00250	0.00207	82.8	50.0-140		
PCB 1260	0.00250	0.00199	9.62	8.00-140		
(S) Decachlorobiphenyl			73.9	10.0-144		
(S) Tetrachloro-m-xylene			9.92	10.0-135		

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L1727407-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(US) L1/2/40/-01 04/24/24 16:01 • (MS) R4062225-6 04/24/24 16:30 • (MSD) R4	N (CIMI) - 10:01 + 7:1	4062225-6 04	4/24/24 16:30	• (MSD) R4062	R4062225-7 04/24/24 16:40	1/24 16:40							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution Re	oc limits	MS Orialifier	MSD Qualifier	Vad	-11-000	
Analyte	l/gm	mg/l	l/gm	l/gm	%	%	%			iallian a down	F %	RPD LIMITS	
PCB 1016	0.00250	<0.000270	0.00208	0.00216	83.2	86.4	1 50	0.140			6 6	ο ς	
PCB 1260	0.00250	<0.000173	0.00199	0.00202	79.6	808		0.00			3.11	8	
(S) Decachlorobiphenyl					78.2	82.5	- 02	10-140			1.50	38	
(S) Tetrachloro-m-xylene					70.4	76.2	0,	10.0-135					

PROJECT:

DATE/TIME: 05/07/24 08:32

QUALITY CONTROL SUMMARY

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Semi Volatile Organic Compounds (GC/MS) by Method 625.1

Method Blank (MB)

(MB) R4061496-1 04/23/24 12:14		7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
	MB Result MB Qualifier	MB MDL	MB RDL			
Analyte	mg/l	l/gm	mg/l		and the second s	the special participant of the second
1,2,4,5-Tetrachlorobenzene	<0.00132	0.00132	0.00250			
1,2,4-Trichlorobenzene	<0.00159	0.00159	0.00250			
1,2-Dichlorobenzene	<0.00168	0.00168	0.00250			
1,3-Dichlorobenzene	<0.00170	0.00170	0.00250			
1,4-Dichlorobenzene	<0.00184	0.00184	0.00250			
2,2-Oxybis(1-Chloropropane)	<0.00116	0.00116	0.00250			
2,4,5-Trichlorophenol	<0.00193	0.00193	0.00250			
2,4,6-Trichlorophenol	<0.00179	0.00179	0.00250			
2,4-Dichlorophenol	<0.000820	0.000820	0.00250			
2,4-Dimethylphenol	<0.00142	0.00142	0.00500			
2,4-Dinitrophenol	<0.00115	0.00115	0.00500			27
2,4-Dinitrotoluene	<0.00265	0.00265	0.00500			
2,6-Dichlorophenol	<0.00107	0.00107	0.00250			
2,6-Dinitrotoluene	<0.00181	0.00181	0.00500			
2-Chloronaphthalene	<0.00143	0.00143	0.00250			
2-Chlorophenol	<0.000820	0.000820	0.00250			
2-Methylphenol	<0.000760	0.000760	0.00500			
2-Nitrophenol	<0.00169	0.00169	0.00250			
3&4-Methyl Phenol	<0.000767	0.000767	0.00250			
3,3-Dichlorobenzidine	<0.00265	0.00265	0.00500			
4,6-Dinitro-2-methylphenol	<0.00150	0.00150	0.00500			
4-Bromophenyl-phenylether	<0.00104	0.00104	0.00250			
4-Chloro-3-methylphenol	<0.000865	0.000865	0.00250			
4-Chlorophenyl-phenylether	<0.00140	0.00140	0.00250			
4-Nitrophenol	<0.00164	0.00164	0.00500			
Acenaphthene	<0.00134	0.00134	0.00250			
Acenaphthylene	<0.00134	0.00134	0.00250			
Acetophenone	<0.000788	0.000788	0.00250			
Alpha-Terpineol	969000'0>	9690000	0.00250			
Aniline	<0.000536	0.000536	0.00250			
Anthracene	<0.00111	0.00111	0.00250			
Atrazine	<0.00167	0.00167	0.00250			
Benzidine	<0.00311	0.00311	0.0100			
Benzo(a)anthracene	<0.000933	0.000933	0.00250			
Benzo(a)pyrene	<0.000941	0.000941	0.00250			
Benzo(b)fluoranthene	<0.00102	0.00102	0.00250			
Benzo(g,h,i)perylene	<0.00101	0.00101	0.00250			
Benzo(k)fluoranthene	<0.000934	0.000934	0.00250			
Benzoic acid	<0.00657	0.00657	0.0100			
Benzylbutyl phthalate	<0.00143	0.00143	0.00250			
				110 Transparence		ii C
7	ACCOUNT:		PROJECT:	SDG:	DATE/TIME:	PAGE:
Holid	Holidav Reach WSC.			L1727407	05/07/24 08:32	7/ 10 44

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Method Blank (MB)

NIS DATE AND BLOUND. NIS BLOUND. </th <th>(MB) R4061496-1 04/23/24 12:14</th> <th>24 12:14</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	(MB) R4061496-1 04/23/24 12:14	24 12:14						
ortolocypredients 0.002991 n.mg/l mg/l ortolocypredients 0.000291 0.00229 0.00229 plinos/lightistudiants 0.00010 0.00229 0.00229 plinosisteres 0.00010 0.00229 0.00229 plinosisteres 0.00010 0.00229 0.00229 plinosisteres 0.00012 0.00229 0.00229 plinosisteres 0.00029 0.00229 0.00229		MB Result	MB Qualifier	MB MDL	MB RDL			
control/sylphatman 40.000931 0.0005931 0.000593 control/sylphatman 40.00010 0.000593 0.00050 Pylmanulae 40.00012 0.00078 0.00020 pylmanulae 40.00012 0.00070 0.00020 pylmanulae 40.00012 0.00070 0.00020 pylmanulae 40.00012 0.00070 0.00020 pylmanulae 40.00012 0.00070 0.00020 pylmanulae 40.00012 0.00020 0.00020 pylmanulae 40.00012 0.00020 0.00020 pylmanulae 40.00012 0.00020 0.00020 pylmanulae 40.00012 0.00020 0.00020 polymanulae	Analyte	mg/l		l/gm	mg/l			
tomosphighter 4 00001 0,00002 0,00003 tomosphylater 4 0,0001 0,00003 0,00003 tyfersylphthalase 0,00006 0,00020 0,00003 tyfersylphthalase 0,00006 0,00003 0,00003 tyfersylphthalase 0,00002 0,00003 0,00003 tyfersylphthalase 0,00003 0,00003 0,00003 0,00003 tyfersylphthalase 0,00003 0,00003 0,00003 0,00003 0,00003 tyfersylphthalase <td>Bis(2-chlorethoxy)methane</td> <td><0.000991</td> <td></td> <td>0.000991</td> <td>0.00250</td> <td></td> <td></td> <td>THE SECTION OF SECTION SECTION</td>	Bis(2-chlorethoxy)methane	<0.000991		0.000991	0.00250			THE SECTION OF SECTION
tronscriptoplyelaski 40,0016 0,00016 0,00026	Bis(2-chloroethyl)ether	<0.00101		0.00101				
Majeryljanthalaie 40,0028 0,0058 0,0059	Bis(2-chloroisopropyl)ether	<0.00116		0.00116				
the 40,00005 000029 00	Bis(2-Ethylhexyl)phthalate	<0.00318		0.00318				
40,0002 0,00029 0,00	Carbazole	<0.00106		0.00106				
Homeware (20078) 0.00020 0.00250 Alberhalene (20074) 0.00020 0.00250 Alberhalene (20074) 0.00070 0.00250 Alberhalene (200078) 0.00020 0.00250 Alberhalene (200078) 0.000780 0.00250 Alberhalene (200078) 0.000781 0.00250 Alberhalene (20078) 0.000781 0.00250 Alberhalene (200078) 0.000781 0.00250 Alberhalene (200078) 0.000782 0.00250 Alberhalene (200078) 0.000782 0.00250 Alberhalene (200078) 0.000782 0.00250 Alberhalene (200078) 0.000783 0.00250 Alberhalene (200078) 0.000783 0.00250 Alberhalene (200078) 0.000783 0.00250 Alberhalene (200078) 0.000783 0.00250	Chrysene	<0.00102		0.00102				
Accounts 0.00074 0.00250 Accounts 0.000250 0.00250 Albarhacene 0.000100 0.000250 0.000250 Albarhacene 0.000051 0.000250 0.000250 Albarhacene 0.000051 0.000050 0.000250 Albarhacene 0.000051 0.000250 0.000250 Albarhacene 0.000051 0.000250 0.000250 Inhame 0.000052 0.000250 0.000250 Inhame 0.000052 0.000250 0.000250 Inhame 0.000052 0.000250 0.000250 0.000250 Inhame 0.000052 0.000250 0.000250 0.000250 0.000250 Inhame 0.000052 0.000250 0.000250 0.000250 0.000250 0.	Di-n-butyl phthalate	<0.00120		0.00120				
Application	Di-n-octyl phthalate	<0.00174		0.00174				
Apprilation 4-0,000230 0,000250 0,00	Dibenz(a,h)anthracene	<0.00110		0.00110				
Application Colonosis Co	Dibenzofuran	<0.00120		0.00120				
there	Diethyl phthalate	<0.000915		0.000915				
there 40,0014 0,0014 0,00034 0,00035	Dimethyl phthalate	<0.000878		0.000878				
0.00254 0.00254 0.00255 0.00256 0.00	Fluoranthene	<0.00114		0.00114				
totol/3-buildener < 0,00075 0,00076 0,00050 condersiere < 0,00072	Fluorene	<0.00131		0.00131				
toropheriselies -0.000937 0.00250 lonoyclopenialeries -0.0017 0.0007 chordinaliseries -0.0017 0.0007 chordinaliseries -0.00174 0.0005 1.23-cdipyrene -0.00084 0.00250 one -0.000183 0.00250 one -0.000184 0.00250 one -0.000185 0.00250 one -0.000185 0.00250 odi-populatine -0.000185 0.00250 odi-populatine -0.000185 0.00250 odi-populatine -0.000185 0.00250 odipopulatine -0.000185 0.00250 odipopulatine -0.000853 0.00250 odipopulatine -0.000854 0.00250 odipopulatine -0.000280 0.00250 piccale	Hexachloro-1,3-butadiene	<0.00176		0.00176				
Londy cloperhaldene 4,000T/T 0,000T/T 0,000T/T 0,000T/T 0,000T/T 0,000S/S 0,00250 0 L23-cdpyrene <0,000S8	Hexachlorobenzene	<0.000972		0.000972				
1.2.3-cd pyrene <0.00184 0.00184 0.00250 0.00124 0.00250 0.00124 0.00250 0.00124 0.00250 0.00124 0.000250 0.00124 0.000250 0.00124 0.000250 0.00124 0.000250 0.00250 0.00124 0.000250 0.00250 0.00124 0.000250 0.00250 0.00124 0.000250 0.00250	Hexachlorocyclopentadiene	<0.00117		0.00117				
Lenylhydrazine <0.00124 N.02 0.00124 0.00250 1,2,3-cdlpyrene <0.000984	Hexachloroethane	<0.00188		0.00188				
1,2,3-cd)pyrene <0.000984 0.000250 one <0.00183 0.00058 0.00050 ne <0.00188 0.00158 0.00050 ne <0.000188 0.000758 0.00050 odi-n-butylamine <0.000735 0.00050 0.00050 odiethylamine <0.000925 0.00050 0.00050 odiethylamine <0.000829 0.00050 0.00050 odiethylamine <0.000134 0.00128 0.00050 neene <0.00134 0.00134 0.00058 0.00050 nerol <0.00134 0.00134 0.00134 0.00050 threne <0.00134 0.00134 0.0014 0.00050	1,2-Diphenylhydrazine	<0.00124	N2	0.00124				
one	Indeno(1,2,3-cd)pyrene	<0.000984		0.000984				
re <0.00158 0.00158 0.000250 odi-n-butylamine <0.000735 0.000250 0.000250 odi-n-propylamine <0.001007 0.000250 0.000250 odimethylamine <0.000825 0.000825 0.000250 odimethylamine <0.000829 0.000250 0.00250 odimethylamine <0.000829 0.000250 0.00250 lecane <0.000829 0.000260 0.00250 secane <0.00128 0.00128 0.00250 nerol <0.00124 0.00124 0.00250 nerol <0.00124 0.00124 0.00250 nerol <0.00134 0.00134 0.00250 threne <0.00134 0.00134 0.00250 threne <0.00139 0.00134 0.00250 esols <0.00167 0.00150 0.00250 threne <0.00163 0.00163 0.00150 threne <0.00163 0.00163 0.00160 threne <0.00163 0.00160	Isophorone	<0.00183		0.00183				
odi-n-butylamine <0.000735 0.00250 odi-n-butylamine <0.00107 0.00250 odi-n-propylamine <0.00107 0.00050 odimethylamine <0.000825 0.00050 odimethylamine <0.000829 0.00050 codiphenylamine <0.000829 0.00050 codiphenylamine <0.000829 0.00050 lecane <0.00128 0.00128 0.00250 name <0.00124 0.00124 0.00250 nenol <0.00124 0.00124 0.00250 nenol <0.00134 0.00134 0.0050 nonophenol <0.00134 0.00134 0.0050 threne <0.00134 0.00134 0.0050 threne <0.00134 0.00134 0.0050 threne <0.00145 0.00150 0.0050 threne <0.000967 0.00150 0.0050 threne <0.00143 0.00143 0.00153 0.00150 threne <0.00153 0.00153 0.00150 <td>n-Decane</td> <td><0.00158</td> <td></td> <td>0.00158</td> <td></td> <td></td> <td></td> <td></td>	n-Decane	<0.00158		0.00158				
odi-n-propylamine <0.00107 0.00150 codiethylamine <0.000925 0.00050 codimethylamine <0.000851 0.000550 0.00050 codiphenylamine <0.000829 0.000550 0.00050 lecane <0.00128 0.00128 0.00250 alene <0.00124 0.00124 0.00250 name <0.00124 0.00124 0.0050 nenol <0.00124 0.00124 0.0050 nenol <0.00134 0.00134 0.0050 lornophenol <0.00134 0.00134 0.0050 lornophenol <0.00113 0.00113 0.00110 threne <0.00113 0.00113 0.00110 0.00550 esols <0.00115 0.00115 0.00150 0.00550 threne <0.00115 0.00115 0.00150 0.00550 threne <0.00115 0.00115 0.00150 0.00550 threne <0.00115 0.001153 0.00150 0.00550 t	n-Nitrosodi-n-butylamine	<0.000735		0.000735				
odinethylamine	n-Nitrosodi-n-propylamine	<0.00107		0.00107				
odimethylamine <0.000651 0.00250 odiphenylamine <0.000829 0.00029 0.00250 lecane <0.00128 0.000260 0.00250 alene <0.00124 0.00250 0.00250 nzene <0.00124 0.00250 0.00250 norene <0.00124 0.00250 0.0050 norene <0.00134 0.00134 0.00250 nlorophenol <0.00134 0.00134 0.0050 ulorophenol <0.00134 0.00134 0.0050 threne <0.00134 0.00134 0.0050 chood <0.00139 0.00250 0.0050 stol <0.00115 0.00115 0.00150 esols <0.00115 0.00115 0.00150 thromophenol 75.2 29.0-132 fluorobiphenyl 85.6 26.0-102 Holiday Beach WSC	n-Nitrosodiethylamine	<0.000925		0.000925				
odiphenylamine <0.000829 0.000260 lecane <0.00128	n-Nitrosodimethylamine	<0.000651		0.000651				
lecane	n-Nitrosodiphenylamine	<0.000829		0.000829				
alene	n-Octadecane	<0.00128		0.00128				
razene <0.00124 0.00250 lenol <0.00286 0.00286 0.00500 allorobenzene <0.00134 0.00500 0.00500 ulkrane <0.000130 0.000130 0.00550 threne <0.000133 0.000550 0.00550 esols <0.00115 0.00115 0.00250 esols <0.00117 0.00250 0.00250 4,6-Tribromophenol 75.2 29.0-132 Fluorobiphenyl 85.6 26.0-102 PROJECT:	Naphthalene	<0.00200		0.00200				
renol <0.00286 0.00500 Idorobenzene <0.00134	Nitrobenzene	<0.00124		0.00124				
Norobenzene	Nonylphenol	<0.00286		0.00286				
Incophenol <0.00210 0.00500 threne <0.0013	Pentachlorobenzene	<0.00134		0.00134				
threne <0.00113 0.00250 <0.000967 0.00250 <0.00015 0.000250 <0.00115 0.000250 <0.00115 0.000250 esols <0.00173 0.00150 4,6-Tribromophenol 75.2 29.0-132 Fluorobiphenyl 85.6 26.0-102 Holiday Beach WSC Holiday Beach WSC PRODECT: RECOUNT: R	Pentachlorophenol	<0.00210		0.00210				
<0.000967	Phenanthrene	<0.00113		0.00113				
<0.0015	Phenol	<0.000967		0.000967				
 <0.0017 0.00250 <0.00153 0.00750 bipopenyl 85.6 ACCOUNT: PROJECT: SDG: 1727407 	Pyrene	<0.00115		0.00115				
<0.00153	Pyridine	<0.00117		0.00117				
75.2 29.0-132 85.6 26.0-102 ACCOUNT: SDG: 17272407	Total Cresols	<0.00153		0.00153	0.00750			
85.6 26.0-102 ACCOUNT: SDG: Holiday Beach WSC 11727407	(S) 2,4,6-Tribromophenol	75.2			29.0-132	The second secon		
PROJECT: SDG:	(S) 2-Fluorobiphenyl	85.6			26.0-102			
PROJECT: SDG: 1,7727407								
1,127,407	*	ACCOUNT:			PROJECT:	SDG:	DATE/TIME:	PAGE
	Holic	ay Beach WSC				L1727407	05/07/24 08:32	45 of 72

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WG2271723Semi Volatile Organic Compounds (GC/MS) by Method 625.1

QUALITY CONTROL SUMMARY

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Method Blank (MB)

(MB) R4061496-1 04/23/24 12:14	4 12:14					
	MB Result	MB Qualifier	MB MDL	MB RDL		
Analyte	l/gm		l/gm	l/gm	manufalities or open	design of the same
(S) 2-Fluorophenol	47.9			0.09-0.01		
(S) Nitrobenzene-d5	85.9			15.0-106		
(S) p-Terphenyl-d14	95.3			10.0-120		
(S) Phenol-d6	37.7			10.0-54.0		
Laboratory Control Sample (LCS)	Sample (L	(SS)				
(LCS) R4061496-2 04/23/24 12:43	24 12:43					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	l/gm	l/gm	%	%	(permittan): minum	
1,2,4,5-Tetrachlorobenzene	0.0500	0.0398	79.6	31.0-120		
1,2,4-Trichlorobenzene	0.0500	0.0422	84.4	44.0-142		
1,2-Dichlorobenzene	0.0500	0.0386	77.2	27.0-120		
1,3-Dichlorobenzene	0.0500	0.0379	75.8	26.0-120		
1,4-Dichlorobenzene	0.0500	0.0377	75.4	26.0-120		
2,2-Oxybis(1-Chloropropane)	0.0500	0.0389	77.8	36.0-166		
2,4,5-Trichlorophenol	0.0500	0.0441	88.2	44.0-124		
2,4,6-Trichlorophenol	0.0500	0.0465	93.0	37.0-144		
2,4-Dichlorophenal	0.0500	0.0438	97.8	39.0-135		
2,4-Dimethylphenol	0.0500	0.0544	109	32.0-120		
2,4-Dinitrophenol	0.0500	0.0440	88.0	1.00-191		
2,4-Dinitrotoluene	0.0500	0.0478	92.6	39.0-139		
2,6-Dichlorophenol	0.0500	0.0402	80.4	26.0-120		
2,6-Dinitrotoluene	0.0500	0.0457	91.4	50.0-158		
2-Chloronaphthalene	0.0500	0.0448	9.68	60.0-120		
2-Chlorophenol	0.0500	0.0358	71.6	23.0-134		
2-Methylphenol	0.0500	0.0331	66.2	26.0-120		
2-Nitrophenol	0.0500	0.0440	88.0	29.0-182		
3&4-Methyl Phenol	0.0500	0.0319	63.8	27.0-120		
3,3-Dichlorobenzidine	0.100	0.0680	0.89	1.00-262		
4,6-Dinitro-2-methylphenol	0.0500	0.0449	8.68	1.00-181		
4-Bromophenyl-phenylether	0.0500	0.0434	8.98	53.0-127		
4-Chloro-3-methylphenol	0.0500	0.0409	81.8	22.0-147		
		1				

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PAGE: 46 of 72

DATE/TIME: 05/07/24 08:32

SDG: L1727407

PROJECT:

ACCOUNT: Holidav Beach WSC

33.0-145

85.6 82.0 79.8

0.0428 0.0410 0.0399

Acenaphthylene

4-Nitrophenol Acenaphthene Acetophenone Alpha-Terpineol

0.0418

30.0-120

25.0-158

102

0.0509

4-Chloro-3-methylphenol 4-Chlorophenyl-phenylether

0.0500 0.0500 0.0500 0.0500 0.0500

1.00-132

50.2

0.0251

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Laboratory Control Sample (LCS)

(LCS) R4061496-2 04/23/24 12:43	/24 12:43	100					
	Spike Amount	t LCS Result	LCS Rec.	Rec. Limits	LCS Onalifier		
Analyte	l/gm		%	%			
Aniline	0.0500	0.0585	117	10.0-120			
Anthracene	0.0500	0.0455	91.0	27.0-133			
Atrazine	0.0500	0.0528	106	39.0-141			
Benzidine	0.100	0.0828	82.8	1.00-120			
Benzo(a)anthracene	0.0500	0.0451	90.2	33.0-143			
Benzo(a)pyrene	0.0500	0.0490	0.86	17.0-163			
Benzo(b)fluoranthene	0.0500	0.0478	92.6	24.0-159			
Benzo(g,h,i)perylene	0.0500	0.0432	86.4	1.00-219			
Benzo(k)fluoranthene	0.0500	0.0453	90.6	11.0-162			
Benzoic acid	0.100	0.0381	38.1	10.0-120			
Benzylbutyl phthalate	0.0500	0.0476	95.2	1.00-152			
Bis(2-chlorethoxy)methane	0.0500	0.0448	9.68	1.00-219			
Bis(2-chloroethyl)ether	0.0500	0.0389	77.8	33.0-185			
Bis(2-chloroisopropyl)ether	0.0500	0.0389	77.8	36.0-166			
Bis(2-Ethylhexyl)phthalate	0.0500	0.0472	94.4	8:00-158			
Carbazole	0.0500	0.0538	108	45.0-121			
Chrysene	0.0500	0.0455	91.0	17.0-168			
Di-n-butyl phthalate	0.0500	0.0482	96.4	1.00-120			
Di-n-octyl phthalate	0.0500	0.0478	92.6	4.00-146			
Dibenz(a,h)anthracene	0.0500	0.0455	91.0	1.00-227			
Dibenzofuran	0.0500	0.0438	87.6	42.0-120			
Diethyl phthalate	0.0500	0.0435	87.0	1.00-120			
Dimethyl phthalate	0.0500	0.0425	85.0	1.00-120			
Fluoranthene	0.0500	0.0453	90.6	26.0-137			
Fluorene	0.0500	0.0527	105	59.0-121			
Hexachloro-1,3-butadiene	0.0500	0.0437	87.4	24.0-120			
Hexachlorobenzene	0.0500	0.0439	87.8	1.00-152			
Hexachlorocyclopentadiene	0.0500	0.0444	88.8	10.0-120			
Hexachloroethane	0.0500	0.0376	75.2	40.0-120			
1,2-Diphenylhydrazine	0.0500	0.0421	84.2	37.0-125	NZ		
Indeno(1,2,3-cd)pyrene	0.0500	0.0421	84.2	1.00-171			
Isophorone	0.0500	0.0423	84.6	21.0-196			
n-Decane	0.0500	0.0315	63.0	10.0-127			
n-Nitrosodi-n-butylamine	0.0500	0.0390	78.0	39.0-127			
n-Nitrosodi-n-propylamine	0.0500	0.0409	81.8	1.00-230			
n-Nitrosodiethylamine	0.0500	0.0365	73.0	10.0-142			
n-Nitrosodimethylamine	0.0500	0.0236	47.2	10.0-120			
n-Nitrosodiphenylamine	0.0500	0.0391	78.2	44.0-120			
n-Octadecane	0.0500	0.0463	92.6	17.0-126			
Naphthalene	0.0500	0.0412	82.4	21.0-133			
	ACCOUNT:			PRO	PROJECT:	SDG:	DATE/TIME: PAGE:
DIIOH	Holiday Beach WSC					L1727407	05/07/24 08:32 47 of 72

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WG2271723

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

QUALITY CONTROL SUMMARY

Laboratory Control Sample (LCS)

(LCS) R4061496-2 04/23/24 12:43	724 12:43					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	l/gm	l/gm	%	%		
Nitrobenzene	0.0500	0.0420	84.0	35.0-180		
Nonylphenol	0.0500	0.0521	104	57.0-136		
Pentachlorobenzene	0.0500	0.0405	81.0	10.0-151		
Pentachlorophenol	0.0500	0.0474	94.8	14.0-176		
Phenanthrene	0.0500	0.0454	8.06	54.0-120		
Phenol	0.0500	0.0198	39.6	5.00-120		
Pyrene	0.0500	0.0438	9.78	52.0-120		
Pyridine	0.0500	0.0164	32.8	10.0-120		
Total Cresols	0.100	0.0650	65.0	36.0-110		
(S) 2,4,6-Tribromophenol			88.0	29.0-132		
(S) 2-Fluorobiphenyl			9.78	26.0-102		
(S) 2-Fluorophenol			48.5	0.099-0.01		
(S) Nitrobenzene-d5			87.5	15.0-106		
(S) p-Terphenyl-d14			94.9	10.0-120		
(S) Phenol-d6			37.7	10.0-54.0		

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L1727407

SDG:

PROJECT:

ACCOUNT: Holiday Beach WSC

DATE/TIME: 05/07/24 08:32

PAGE: 48 of 72

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
В	The same analyte is found in the associated blank.
D1	Sample required dilution due to matrix.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
N2	Analyte reported using a calibration and validation based on Azobenzene (CAS 103-33-3), 1,2-Diphenylhydrazine decomposes into Azobenzene during the analysis.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
Г8	Sample(s) received past/too close to holding time expiration.
/	The sample concentration is too high to evaluate accurate spike recoveries.























ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico 1	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina 1	DW21704
Georgia	NELAP	North Carolina 3	41
Georgia ¹	923	North Dakota	R-140
daho	TN00003	Ohio-VAP	CL0069
llinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
owa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky 16	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
ouisiana	Al30792	Tennessee 1 4	2006
oulsiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA - ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA - ISO 17025 5	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		



Arkansas	88-0647	Kansas	E10388
Florida	E871118	Texas	T104704232-23-39
lowa	408	Oklahoma	8727
Louisiana	30686		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable





















^{*} Not all certifications held by the laboratory are applicable to the results reported in the attached report.

^{*} Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Chain of Custody Page L of 2	PEDPLE ADVANCING SCIENCE ALLEN, TX	Add W. Bethany Day Submitting a sample constitutes admowl Pace Terra and Con https://info.pacelab terras.pdf	SDG# LILY/U6	HDPE		sletals					OS ka	Sample Receipt Checklist	L: NP	77	VOA Zero Headspace: Preservation Correct/Checked: Y N RAD Screen <0.5 mR/hr: Y N	if preservation required by Login: Date/Time	d: Condition:
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Analysis / Container / Presenative			-HZSO4			SET100				THE			lemp Other		Yes/No HCL/MeoH	Bottles Received	Time:
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			OH bbA-c	lmA-J	HEX 1	⊌TF0e	×		3	Calci	mon						
es ¥		TEI	HOPN-	HDPE	l				100	Par				03/6		ý	ature)
orth Cok	mo:	Please Circle: PT MT CT ET			Date Results Needed No.	Time Cntrs	24 8 (K.A 17							Tracking # 7155	Received by: (Signature)	Received by: (Signature)	Received for lab by: (Signature)
Culing Information: Vernon Hale 2611 Highway 35 North Rockbort, TX 78382	Email To: water@hbwsc.com	KPOR	P.O.#	Quote #		Date	19 APROVI			-		nd Back.		Trac	404		The second second
Vernon Hale 2611 Highwa Rockbort. TX	Email To:	2	215	Votified) ay	5 Day (Rad Only) 10 Day (Rad Only)	Depth				Li.		Front and			Time:	Time:	24/0.
		City/State Collected: #	5040015	MU.		Matrix *	WW					Printed		ria: Courier	Date:	ë	16 4 PR 24 10:044
		WKL C	Site/Facility ID #	Rush? (Lai	Two Day Three Day	Comp/Grab	CRAB					Remarks: Co c		Samples returned via: UPSFedEx	Date:	Date:	Date:
Holiday Beach WSC	Fulton, TX 78358 Report to: Vernon Hale	Project Description: PER MAT REXIEMAL Phone: 361-205-3184	POINT HAVE	Collected by (signature):	Immediately Packed on Ice N Y X	Die ID	KO DESCHARCE	*				F - Filter	GW - Groundwater B - Bioassay WW - WasteWater		Relinquished by : (Signature)	remquistion by . (bigitature)	Relinquished by : (Signature)

Company Name/Address:		Billing Information:	rmation:				Analysis /	Analysis / Container / Preservative	Chain of Custody	Page 2 of 2
Holiday Beach WSC		Vernon Hale	Hale	4	Pres Chk				Co	Ò
PO Box 807 Fulton, TX 78358		Sott Hig	Zbil Hignway ss Norn Rockport, TX 78382	5					PEOPLE AI	PACE PEOPLE ADVANCING SCIENCE
Report to: Vernon Hale		Email To: v	Email To: water@hbwsc.com	E			712		ALLE adow. Bethany Drive Suit Submitting a temple via th	ALLEN, TX Orive Suite 190 Allen, TX 75013 mple via this chain of custody
Project Description:	City/State Collected:	tate ted:		Please Circle:	Circle: CT ET	7			continues actionisms and scopanice of the Pace Terms and Conditions (bund at: https://info.paceiabs.com/hubfs/pas-standard-terms.pdf	nt and acceptance of the found at: hubfs/pas-standard-
Phone: 361-205-3184	Client Project #		Lab Project #			†0SZI	loPres			127407
Collected by (print):	Site/Facility ID #		P.O.#		Pres	7-1	Dhe-v		Table # Acctnum: HOLBEAFTX	EAFTX
Collected by (signature):	Rush? (Lab MUST Be Notified)	JST Be Notified)	Quote #		ON-d		Hlmo		Template: 7251266	266
immediately Packed on Ice NY	Same Day Next Day Two Day Two Day Three Day	Five Day 5 Day (Rad Only) 10 Day (Rad Only)		Date Results Needed	lmA-Jt s)SZ wəy	yew 200		Prelogin: P1069766 PM: 3587 - Lori A Vahrenkamp PB:	9766 Nahrenkamp
Sample ID	Comp/Grab Mat	Matrix * Depth	Date	Time	8	-,	Wetc		Shipped Via: FedEX Ground Remarks Sample # (lab only	Sample # (lab only)
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* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater	Remarks:						PH Flow	Temp	Sample Receipt Checklist COC Seal Present/Intact: NP COC Signed/Accurate: Bottles arrive intact: Correct bottles used:	NP Y N
DW - Drinking Water OT - Other	Samples returned via: UPS FedEx Co	Courier	Trac	Tracking#					Sufficient volume sent: If Applicable VOA Zero Headspace:	× ×
Relinquished by : (Signature)	Date:	Time:		Received by: (Signature)	ıre)		Trip Blan	Trip Blank Received: Yes / No HCL / MeoH TBR	Preservation Correct/Checked RAD Screen <0.5 mR/hr:	*
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FRI - 19 APR 10:30A

Fedex 7155 0316 3815

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AN ON OS	Are soil samples (volatiles, TPH) received in 5035A Kits Ye (not applicable to TCLP VOA or PST Program TPH)
- AN \ ON - S	Residual Chlorine Present Cl Strips: Cl Strips: Sulfide Present Lead Acetate Strips:
□ ON ⊅ S	
□ oN / s	Correct Container used
□ ON /□ S	Sufficient Volume received
	Login Person: Date: U/19/32/
□ oN / s	Short HT analyses (<72 hrs)
□ oN /□ s	SOD no arutengis & amen relqmed
□ ON /□ S	OV Chain of Custody relinquished
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Corpus Christi Austin	□ Dallas □ Ft Worth □
30 Approximate 10 App	noitibno Sample Condition
Page 1 of 1 Issuing Authority:	Document Nam Sample Condition Upon Document No. The Document No. F-DAL-C-001-rev.

Date:

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Labeling Person (if different than log-in):

State Sampled:

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Project sampled in USDA Regulated Area outside of

Unpreserved 5035A soil frozen within 48 hrs

Non-Conformance(s):

Texas

Time estimate: oh Time spen	
It Chain-of-custody (COC) is not received: contact client and	dicate
that it was filled out by lab personnel. Note issues on this NCF.	
2. If COC is incomplete, check applicable issues below and add o	
*Collection date/time missing or incorrect	
*Analyses or analytes: missing or Clarification needed	
*Samples listed on COC do not match samples recieved (missing	
*Required trip blanks were not received	
*Required signatures are missing	
3. Sample integrity issues: check applicable issues below and ad	
*Samples: Past holding time	
*Samples: Not Field Filtered	
*samples: Insufficent volume received	
*Samples: Cooler damaged or compromised	
*Samples: contain Chlorine or Sulfide	
*Samples: condition needs to be brought to lab personnel's atter	
*Containers: Broken or compromised	
*Containers: Incorrect	
Scals: missing or compromised on samples, trip blank	
Packing Material: Insufficient/Improper	
*Preservation: improper	
Temperature:not witin acceptance criteria (typically 0-6C)	
Temperature: Samples arrived frozen	
*Vials received with improper headspace	
*Other:	
4. If Samples not preserved properly and Sample Receiving adju	
Sample ID: RO Discharge	
Preserved by: AG	
Date/Time: 4/19 1129	
O \ 0 :Hq Final ph: 6 \ 0	
Amount/type pres added: 2.5ml / HNO3	
Lot # of Pres added: 23L29472	
5. Client contact: If Client is Contacted for any issue listed above	
Client:	
:Initials:	
Contacted per:	
□ Date\Time:	
Comments	
Jeremy Watkins	
Metals recieved PH of 6	777.449.4.44

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PO Box 807 Fulton, TX 78358	261 Roc	2611 Highway 35 North Rockport, TX 78382	5									Расе.
Report to: Vernon Hale	Етта	Email To: water@hbwsc.com	THE STATE OF THE S				2				**************************************	ALLEN, TX and W. Berbury Dine Suite 190 Alen, TX 75013 Althritigal a surraise eas the Court Of Custody
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184	Client Project #	Lab Project #		н	qq HS2 HCl		HOEN-			NoPres	President exception	19/12/17 # 50cs 11/10/10/10/10/10/10/10/10/10/10/10/10/1
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Collected by (signature):	Rush? (Lab MUST Be Notified)	ed) Quote #		МВР		09.000				-11 2	адні	emplate: 7251266
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Sample ID Co	Comp/Grab Matrix De	Depth Date	Time Cotrs	arreente		MERCHI M				omolé	districted the season.	Shipped Via: FedEX Ground Remarks Sample # (lab only)
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DW - Drinking Water OT - Other UPS	Samples returned via; UPS FedEx Courier	Tracking #	ne# 7155	03/6	3815	n				Sufficient		ti able
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7 35 North 78382 78382 78382 Project # Project # Date Results Needed No. Boate Time Ontris No. Chem StoomHDPPE-NoPres No. Chem StoomHDPPE-NoPres No. Chem StoomHDPPE-NoPres No. Chem StoomHDPE-NoPres No. Chem StoomHDPPE-NoPres No. Chem StoomHDPE-NoPres No. Chem StoomHDPPE-NoPres No. Chem Sto	Holiday Beach WSC		Sill Sill	Silling Information	Tion:		Drac		A	Analysis / Container / Preservator		Chain of Custody Page 2 of 3
Properties Pr	PO Box 807 Fulton, TX 78358		26 80	11 Highw ckport, T	e ay 35 Norti X 78382	-	ž ž					Pace Monte AND MANAGEMENT MANAGEM
Propert Description: Colorate Colorate Propert	Report to: Vernon Hale		Em	ail To: wate	r@hbwsc.com	and the second s	1				900	ALLEN, TX
Propert 8 Collected by Lipmott Simple Up Collected by Lipmott Collected by Lipmott Simple Up Collected by Lipmott	Project Description:		City/State Collected:			Please C	rcle:	8 72 mg			Submitting Submitting Constitutes Page Ferm	Name Little Suite 190 Allen, 13,7501 a sample via this chain of custody actinowiedgment and acceptance and conditions found as:
Collected by Light States States Calling of the Control of the	Phone: 361-205-3184	Client Project	#	9	b Project #			\$OSZ			# SDC #	U172746
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FRI — 19 APR 10:30A PRIORITY OVERNIGHT

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□ AN ▼ ON □	
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AN 0 ON 0	Are soil samples (volatiles, TPH) received in 5035A Kits Yes (not applicable to TCLP VOA or PST Program TPH)
- AN \ ON -	Residual Chlorine Present CI Strips: U 2000009 CI Strips:
□ on ⊅	Container Intact Yes
/1	Correct Container used Yes
O ON /o	Sufficient Volume received
	Short HT analyses (<72 hrs) Yes Login Person: Date: U/19/32/
17	Sampler name & signature on COC Yes
O ON A	Chain of Custody relinquished
	Temperature should be above freezing to 6°C unless collected same da
8.3 (Recorded) Correction Factor) S. S (Actual (Recorded)	
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Corpus Christi □ Austin	□ North □ Ft Worth □
Upon Receipt	Sample Condition
	Pocument No
	Pace Analytical Sample Condition Upo
	Document Nan

Date:

Labeling Person (if different than log-in):

Metals recieved PH of 6

Weily Watkins 19 April 2024 11:19 AM	∂f
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Preserved by: AG	1
ample ID: RO Discharge	S
. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:	PA
Other:	4
Vials received with improper headspace	
Temperature: Samples arrived frozen	
Temperature: not witin acceptance criteria (typically 0-60)	*
Preservation: improper	
Packing Material: Insufficient/Improper	*
Custody Seals: missing or compromised on samples, trip blanks or coolers	*
Containers: Incorrect	*
Containers: Broken or compromised	
Samples: condition needs to be brought to lab personnel's attention (details below)	4
Samples: contain Chlorine or Sulfide	*
Samples: Cooler damaged or compromised	*
samples: Insufficent volume received	*
Samples: Not Field Filtered	*
Samples: Past holding time	#
Sample integrity issues: check applicable issues below and add details where appropriate:	3
Required signatures are missing	*
Required trip blanks were not received	*
Sample IDs on COC do not match sample Labels	*
Samples listed on COC do not match samples recieved (missing, additional, etc.)	*
Analyses or analytes: missing or Clarification needed	
Collection date/time missing or incorrect	-
. If COC is incomplete, check applicable issues below and add details where appropiate:	5
t was filled out by lab personnel. Note issues on this NCF.	
. If Chain-of-custody (COC) is not received: contact client and if necessary, fill out a COC and indicat	I
estimate: oh Time spent: oh	mi
1727407 HOLBEAFTX NCF - JWW 4/19	7-





April 26, 2024

Jeremy Watkins Pace Analytical Dallas 400 West Bethany Drive Suite 190 Allen, TX 75013

RE:

Project: L1727407 PERMIT RENEWAL WK1/4

Pace Project No.: 40277176

Dear Jeremy Watkins:

Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 2024. 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 Analytical Services - Green Bay

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

Angela Lane

angela.lane@pacelabs.com

(920)469-2436 Project Manager

Enclosures

cc: Client Services, Pace Analytical Allen







CERTIFICATIONS

Project:

L1727407 PERMIT RENEWAL WK1/4

Pace Project No.:

40277176

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A





SAMPLE SUMMARY

Project:

L1727407 PERMIT RENEWAL WK1/4

Pace Project No.:

40277176

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40277176001	RO DISCHARGE	Water	04/18/24 08:15	04/20/24 10:00

REPORT OF LABORATORY ANALYSIS





SAMPLE ANALYTE COUNT

Project:

L1727407 PERMIT RENEWAL WK1/4

Pace Project No.:

40277176

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40277176001	RO DISCHARGE	EPA 1631E	MRP	1

PASI-G = Pace Analytical Services - Green Bay





ANALYTICAL RESULTS

Project:

L1727407 PERMIT RENEWAL WK1/4

Pace Project No.: 40277176

Date: 04/26/2024 11:10 AM

Sample: RO DISCHARGE Lab ID: 40277176001 Collected: 04/18/24 08:15 Received: 04/20/24 10:00 Matrix: Water **Parameters** Results Units Report Limit DF Prepared Analyzed CAS No. Qual 1631E Mercury, Low Level Analytical Method: EPA 1631E Preparation Method: EPA 1631E Pace Analytical Services - Green Bay Mercury ND ng/L 0.50 04/22/24 12:04 04/24/24 14:02 7439-97-6



QUALITY CONTROL DATA

Project:

L1727407 PERMIT RENEWAL WK1/4

Pace Project No.:

40277176

QC Batch:

QC Batch Method:

472291

Analysis Method:

EPA 1631E

EPA 1631E

Analysis Description:

1631E Mercury

Analyzed

Laboratory:

Pace Analytical Services - Green Bay

Associated Lab Samples:

40277176001

METHOD BLANK: 2705242

40277176001

Matrix: Water

Associated Lab Samples:

Blank

Reporting

Units Result Limit Parameter

ng/L

04/24/24 12:24

Mercury

METHOD BLANK: 2705243

Parameter

40277176001

Matrix: Water

ND

ND

Associated Lab Samples:

Units

Blank Result Reporting

Limit Analyzed

Qualifiers

Qualifiers

Mercury

ng/L

Matrix: Water

METHOD BLANK: 2705244 Associated Lab Samples:

40277176001

Parameter

Blank Result Reporting Limit

Analyzed

04/24/24 13:55

Qualifiers

Mercury

Units ng/L

ND

0.50 04/24/24 15:37

METHOD BLANK: 2705245

Associated Lab Samples:

Parameter

40277176001

Matrix: Water

Blank

Reporting

Analyzed

Qualifiers

Mercury

Units ng/L

Units

ng/L

ng/L

Result ND Limit

0.53

04/24/24 12:31

LABORATORY CONTROL SAMPLE:

Date: 04/26/2024 11:10 AM

Spike Conc.

LCS Result

LCS % Rec

% Rec Limits

Qualifiers

Mercury

Parameter

2705247

5

4.90

98

86

79-121

Mercury

Spike Conc. LCS

LCS

% Rec

Qualifiers

LABORATORY CONTROL SAMPLE: Parameter

Units

Result 5 4.28 % Rec

Limits 79-121

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



QUALITY CONTROL DATA

Project:

L1727407 PERMIT RENEWAL WK1/4

Pace Project No.: 40277176

MATRIX SPIKE & MATRIX	SPIKE DUPLI	CATE: 2707			2707560	Ĺ						
Parameter	Units	40277137001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ng/L	0.746	2	2	2.37	2.40	81	83	75-125	1	24	2000 TA 06200 S
MATRIX SPIKE & MATRIX	SPIKE DUPLI	CATE: 2707			2707562						-	
MATRIX SPIKE & MATRIX			MS	MSD Spike			MS	MSD	% Rec		Max	
MATRIX SPIKE & MATRIX Parameter		CATE: 2707 40277138004 Result		MSD Spike Conc.	2707562 MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual

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





QUALIFIERS

Project:

L1727407 PERMIT RENEWAL WK1/4

Pace Project No.:

40277176

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

Date: 04/26/2024 11:10 AM





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:

L1727407 PERMIT RENEWAL WK1/4

Pace Project No.:

Date: 04/26/2024 11:10 AM

40277176

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40277176001	RO DISCHARGE	EPA 1631E	472291	EPA 1631E	472746

Yormy

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Required	Required Client Information:	Required Project Information:	ect Inf	ormation					Involc	nofni e	Invoice Information:											Page:		-	ŏ	•
Company	Pace Analytical	Report To	Pace A	nalytical S	Pace Analytical Subout Team	-			Attention	E	Vernon Hale	Hale									-					
Address	400 W Bethany Drive Surte 190	1						П	Compa	Nar	-Je															
Allen, TX 7	Allen, TX 75013 Email Police Cub@nocelabe.com	Purchase Order#	# 16	14727	1727407				Address Pace Quote	Sanote										Ц		ž	gulato	Regulatory Agency	^	
Phone	Phone Gallacian Fax	Project Name		Permit Ren	Renewal WK1 of	4		I	Pace F	Pace Project Manager	Manage	1	Angela Lane	Lane						Ц	$\ $		State / I	State / Location	П	П
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	**	TRIX CODE		(GMP)	CO	COLLECTED		NO			Pres	Preservatives	se/		N/A											8
2		Draking Water DW Water WT Waste Water WW Product P SoulSold SL Oil			START		END	T COLLECTIC	88						Jest								(V/Y) en			7
# МЭШ	One Character per box. ww (A-Z, 0.9 /, -) Av Sample ids must be unique Ts	r MP AR AR State OT TS	MATRIX CODE	SAMPLE TYPE DATE	TIME	DATE	TIME	 SAMPLE TEMP	# OF CONTAINE	H2SO4 Unpreserved	HCI HNO3	HOBN	Na2S2O3 Methanol	Other	sesylsnA	гом гелеј на				,			Residual Chlon			
-	RO DISCHARGE		W			18-Apr	8 15		-				_	-	×							_		8		
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ook in headspace column		Page 1 of Z
Headspace in VOA Vials (>6mm): □Yes ZÑo □N/A "If yes look in headspace column	JGFU 4 oz amber jar unpres JG9U 9 oz amber jar unpres WGFU 4 oz clear jar unpres WPFU 4 oz plastic jar unpres SP5T 120 mL plastic Na Thiosulfate ZPLC ziploc bag	2
Headspace in VOA Vial	40 mL clear ascorbic w/ HCl 40 mL amber Na Thio 40 mL clear vial unpres 40 mL clear vial HCL 40 mL clear vial MeOH 40 mL clear vial DI	GNZ
Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:	BP1U 1 liter plastic unpres VG9C BP3U 250 mL plastic unpres DG9T BP3B 250 mL plastic NaOH VG9U BP3N 250 mL plastic HNO3 VG9H BP3S 250 mL plastic H2SO4 VG9M BP2Z 500 mL plastic NaOH + Zn VG9D	
Exceptions to preservation check VOA, Coliform, 1	AG1U 1 liter amber glass BG1U 1 liter clear glass AG1H 1 liter amber glass HCL AG4S 125 mL amber glass H2SO4 AG5U 100 mL amber glass unpres AG2S 500 mL amber glass H2SO4 BG3U 250 mL clear glass unpres	

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Client Name: Pace X All containers needing preservation have been checked and noted	10	บเอ∀		1	/		1							I	1			1	1	1			ons to p
₽ E		Pace Lab #	901	005	003	904	902	900	3	900	600	010	5	710	213	4 7	2 2	5 5	200	810	019	020	Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&G.

DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form Effective Date: 8/16/2022

Qualtrax ID: 41307

DC#_Title: ENV-FRM-GBAY-0014 v03_SCUR Effective Date: 8/17/2022

Sample C	ondit	lion	Upo	n Receipt Form (SCUR)	
Client Name: Pace Tx			•	Project #: WO#:4	0277176
Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speede	e 🗀 (UPS	\square \wedge	altco	8 II 30 II 8 II
Client Pace Other:			11		
Tracking #: 1343 1444 5190			(4)	40277176	5. h
Custody Seal on Cooler/Box Present: yes yes	₹no S	Seals	intact:	☐ yes ki no	
Custody Seal on Samples Present: yes		Seals	intact	☐ yes [Xno	1
Packing Material: Ki Bubble Wrap K Bubble					Į.
Thermometer Used SR - NA /			Wet	Blue Dry None Meltwater Onl	
Cooler Temperature Uncorr: MA /Corr:	NA				Person examining contents:
Temp Blank Present: ☐ yes ☐ no	Ŀ	31010	gical 1	issue is Frozen: ☐ yes☐ no ☐	Pate: 4/20/24/Initials: DV
Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C if shipped on Dry	/ Ice.			L	abeled By Initials:
Chain of Custody Present:	Y Yes [□No	□N/A	1.	
Chain of Custody Filled Out:	Yes [□No	□N/A	2.	
Chain of Custody Relinquished:	Yes [JN₀	□n/a	3.	
Sampler Name & Signature on COC:	□Yes [□No	t√N/A	4. IRWD PV 4/20/24	
Samples Arrived within Hold Time:	Yes [□No		5.	
- DI VOA Samples frozen upon receipt	□Yes [JN₀		Date/Time:	,
Short Hold Time Analysis (<72hr):	□Yes Ĉ	₹No		6.	!
Rush Turn Around Time Requested:	□Yes 1	Zho		7.	
Sufficient Volume:		1		8.	
For Analysis: Vives 🗆 No MS/MSD:	□Yes (No	□N/A		
Correct Containers Used:	Yes E	JNo		9.	
Correct Type: Pace Green Bay, Pace R, Non-Pace	1				i i
Containers Intact:	Yes E	JNο		10.	
Filtered volume received for Dissolved tests	□Yes ၨÞ	No	□N/A	11.	
Sample Labels match COC:	Y _{Yes} C	⊒Νο	□N/A	12.	
-Includes date/time/ID/Analysis Matrix:	W		_		
Trip Blank Present:	□Yes À	ONE	□n/a	13.	
Trip Blank Custody Seals Present	□Yes)	No	□N/A		
Pace Trip Blank Lot # (if purchased):	8				
Client Notification/ Resolution:				If checked, see attached	form for additional comments
Person Contacted: Comments/ Resolution:			Date/T	lme:	!
PM Review is documented electronically in LIMs.	By rele	asin	g the p	roject, the PM acknowledges they h	
					Page 2 of 2



Pace Analytical® ANALYTICAL REPORT

May 10, 2024





















Holiday Beach WSC

Sample Delivery Group:

L1728708

Samples Received:

04/24/2024

Project Number:

Description:

Permit Renewal Week 2

Site:

TX0040015

Report To:

Vernon Hale

PO Box 807

Fulton, TX 78358

Entire Report Reviewed By:

Lori A Vahrenkamp Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace
Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and
ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received. Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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Sc: Sample Chain of Custody

51

SAMPLE SUMMARY

RO DISCHARGE L1728708-01 WW

Collected by Vernon H Hale

Collected date/time Received date/time 04/23/24 08:15 04/24/24 09:10





















Batch WG2274706	Dilution	Preparation date/time	Analysis	Analyst	Location
		date time	date/time		
	1	04/27/24 12:53	04/27/24 12:53	SKH	Allen, TX
WG2273698	1	04/24/24 16:00	04/24/24 16:45	QQT	Allen, TX
WG2275083	1	04/26/24 09:50	04/26/24 12:07	QQT	Allen, TX
WG2275590	1	04/29/24 09:38	04/29/24 15:45	TK	Allen, TX
WG2273866	1	04/24/24 19:50	04/24/24 19:50	EIG	Allen, TX
WG2276944	1	04/30/24 08:43	04/30/24 08:43	SEN	Allen, TX
WG2276983	10	05/01/24 18:39	05/01/24 18:39	GEB	Mt. Juliet, TN
WG2276983	100	05/01/24 18:55	05/01/24 18:55	GEB	Mt. Juliet, TN
WG2274146	1	04/25/24 10:03	04/25/24 10:03	SMC	Allen, TX
WG2275846	1	04/27/24 15:05	04/27/24 22:46	EIG	Allen, TX
WG2273745	1	04/24/24 18:48	04/24/24 18:48	EIG	Allen, TX
WG2277450	1	04/30/24 16:01	04/30/24 16:01	EIG	Allen, TX
WG2274189	1	04/25/24 13:15	04/25/24 16:38	KCM	Allen, TX
WG2276365	10	04/29/24 17:02	04/29/24 17:02	SMC	Allen, TX
WG2273867	1	04/24/24 21:10	04/24/24 21:10	EIG	Allen, TX
WG2273309	1	04/24/24 14:47	04/29/24 09:23	JBS	Allen, TX
WG2273312	1	04/24/24 17:45	04/29/24 12:40	SEN	Allen, TX
WG2276946	1	04/30/24 13:21	04/30/24 13:41	JBS	Allen, TX
WG2277108	1	04/30/24 15:46	04/30/24 15:46	SMC	Allen, TX
WG2273766	1	04/24/24 19:24	04/24/24 19:33	EIG	Allen, TX
WG2276644	1	04/29/24 13:29	04/29/24 13:29	SEN	Allen, TX
WG2274576	1	04/25/24 17:10	04/25/24 17:10	EIG	Allen, TX
WG2274706	1	04/25/24 18:30	04/27/24 12:53	SKH	Allen, TX
WG2274644	1	04/25/24 21:22	04/25/24 21:22	ZST	Allen, TX
WG2275763	1	04/27/24 19:53	04/28/24 13:42	LTB	Mt. Juliet, TN
WG2275763	1	04/27/24 19:53	04/28/24 13:42	LTB	Mt. Juliet, TN
WG2273235	1	04/24/24 13:40	04/30/24 18:59	XLY	Allen, TX
WG2273737	1	05/03/24 00:00	05/03/24 00:00	JWW	Green Bay, WI 54302
	WG2273698 WG2275083 WG2275590 WG2275944 WG2276983 WG2276983 WG2276983 WG2274146 WG2275846 WG2273745 WG2277450 WG2274189 WG2273867 WG2273309 WG2273312 WG2276946 WG2273766 WG2273664 WG2274644 WG2274644 WG227563 WG227563 WG227563 WG227563	WG2273698 1 WG2275083 1 WG2275590 1 WG2275866 1 WG2276944 1 WG2276983 100 WG2276983 100 WG2274146 1 WG2275846 1 WG2273745 1 WG2277450 1 WG2274189 1 WG2273867 10 WG2273312 1 WG2273312 1 WG2273309 1 WG2273766 1 WG2273766 1 WG2273766 1 WG2273766 1 WG2274644 1 WG2274644 1 WG2275763 1 WG227563 1 WG227563 1	WG2273698 1 04/24/24 16:00 WG2275083 1 04/26/24 09:50 WG2275590 1 04/29/24 09:38 WG2273866 1 04/24/24 19:50 WG2276944 1 04/30/24 08:43 WG2276983 10 05/01/24 18:39 WG2276983 100 05/01/24 18:55 WG2274146 1 04/25/24 10:03 WG2275846 1 04/27/24 15:05 WG2273745 1 04/24/24 18:48 WG22774189 1 04/25/24 13:15 WG2276365 10 04/29/24 17:02 WG2273309 1 04/24/24 21:10 WG2273312 1 04/24/24 14:47 WG2276946 1 04/30/24 15:46 WG2277108 1 04/30/24 13:21 WG2273766 1 04/24/24 19:24 WG2274576 1 04/25/24 18:30 WG2274644 1 04/25/24 18:30 WG227563 1 04/27/24 19:53 WG227563 1 04/27/24 19:53	WG2273698 1 04/24/24 16:00 04/24/24 16:45 WG2275083 1 04/26/24 09:50 04/26/24 12:07 WG2275590 1 04/29/24 09:38 04/29/24 15:45 WG2273866 1 04/24/24 19:50 04/24/24 19:50 WG2276984 1 04/30/24 08:43 04/30/24 08:43 WG2276983 10 05/01/24 18:39 05/01/24 18:39 WG2276983 100 05/01/24 18:55 05/01/24 18:55 WG2274146 1 04/25/24 10:03 04/25/24 10:03 WG2275846 1 04/27/24 15:05 04/27/24 22:46 WG2273745 1 04/24/24 18:48 04/24/24 18:48 WG22774189 1 04/25/24 13:15 04/25/24 16:01 WG2276365 10 04/29/24 17:02 04/29/24 17:02 WG2273309 1 04/24/24 14:47 04/29/24 09:23 WG2273312 1 04/24/24 17:45 04/29/24 12:40 WG2277108 1 04/30/24 13:21 04/30/24 13:41 WG2273766 1 04/25/24 13:29 04/29	WG2273698 1 04/24/24 16:00 04/24/24 16:45 QQT WG2275083 1 04/26/24 09:50 04/26/24 12:07 QQT WG2275590 1 04/29/24 09:38 04/29/24 15:45 TK WG2273866 1 04/24/24 19:50 04/24/24 19:50 EIG WG2276944 1 04/30/24 08:43 04/30/24 08:43 SEN WG2276983 10 05/01/24 18:39 05/01/24 18:39 GEB WG2276983 100 05/01/24 18:55 05/01/24 18:55 GEB WG2274146 1 04/25/24 10:03 04/25/24 10:03 SMC WG2275846 1 04/27/24 18:48 04/24/24 21:48:48 EIG WG2277450 1 04/30/24 16:01 04/30/24 16:01 EIG WG2274189 1 04/25/24 13:15 04/25/24 16:38 KCM WG2273867 1 04/29/24 17:02 04/29/24 17:02 SMC WG2273312 1 04/24/24 14:47 04/29/24 09:23 JBS WG2277664 1 04/30/24 15:46

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.





















Lori A Vahrenkamp Project Manager

Project Narrative

L1728708 -01 contains subout data that is included after the chain of custody.

Sample Delivery Group (SDG) Narrative

An aliquot for analysis was taken from the original container received due to volume requirements of the laboratory's procedure. Rinsing of the original sample container for inclusion in the sample extraction was not performed.

Lab Sample ID

Project Sample ID

Method

L1728708-01

RO DISCHARGE

EPA-608.3, EPA 608.3

The following analysis were performed from an unpreserved, insufficiently or inadequately preserved sample.

Lab Sample ID

Project Sample ID

Method

L1728708-01

RO DISCHARGE

3500Cr-B

The Laboratory is not accredited for specific analytes on the associated Sample/Method. These analytes are flagged in the Sample Results section of the report with an asterisk (*).

Lab Sample ID

Project Sample ID

Method

L1728708-01

RO DISCHARGE

300.0

RO DISCHARGE

Collected date/time: 04/23/24 08:15

SAMPLE RESULTS - 01

L1728708

Calculated Results

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Chromium, Trivalent	<0.000710		0.000710	0.00300	1	04/27/2024 12:53	WG2274706



Gravimetric Analysis by Method 2540C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		
Total Dissolved Solids	9760		50.0	1	04/24/2024 16:45	WG2273698	



Gravimetric Analysis by Method 2540D

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I		date / time	7/====2
Suspended Solids	9.65	# 1 TO THE RESERVE OF THE PARTY	2.90	1	04/26/2024 12:07	WG2275083



QC

Cn

Wet Chemistry by Method 1664A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/I		date / time	
Oil & Grease (Hexane Extr)	<0.398		0.398	5.68	1	04/29/2024 15:45	WG2275590



Al

Wet Chemistry by Method 2120B

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	units		units		date / time	
Color	5.00		5.00	1	04/24/2024 19:50	WG2273866

Sc

Sample Narrative:

L1728708-01 WG2273866: 6

Wet Chemistry by Method 2320B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Alkalinity	2060		20.0	20.0	1	04/30/2024 08:43	WG2276944
Alkalinity,Bicarbonate	2060		20.0	20.0	1	04/30/2024 08:43	WG2276944
Alkalinity, Carbonate	<20.0		20.0	20.0	1	04/30/2024 08:43	WG2276944
Alkalinity, Hydroxide	<20.0		20.0	20.0	1	04/30/2024 08:43	WG2276944
henolphthalein Alkalinity	<20.0		20.0	20.0	1	04/30/2024 08:43	WG2276944

Net Chemistry by Method 300.0

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
inalyte	mg/l		mg/l	mg/l		date / time	
Bromide	34.3		3.53	10.0	10	05/01/2024 18:39	WG2276983
Chloride	4490		37.9	100	100	05/01/2024 18:55	WG2276983
luoride	4.09		0.640	1.50	10	05/01/2024 18:39	WG2276983
ulfate	1050		5.94	50.0	10	05/01/2024 18:39	WG2276983

Vet Chemistry by Method 3500Cr-B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
nalyte	mg/l		mg/l	mg/l		date / time		
hromium.Hexavalent	<0.00200	T8	0.00200	0.00300	1 📝	04/25/2024 10:03	WG2274146	

Vet Chemistry by Method 351.2

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
nalyte	mg/l		mg/l	mg/l		date / time	
jeldahl Nitrogen, TKN	0.766		0.140	0.250	1	04/27/2024 22:46	WG2275846

SAMPLE RESULTS - 01

Collected date/time: 04/23/24 08:15

time. 04/23/24 08.15

L1728708

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WAT	nem	CTIV	D\/	Method	イワイ /
VVCL	CIICIII				000.2

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	< 0.0300		0.0300	0.0500	1	04/24/2024 18:48	WG2273745
Nitrate-Nitrite	0.0658		0.0300	0.0500	1	04/30/2024 16:01	WG2277450
Nitrate	< 0.0300		0.0300	0.0500	1	04/24/2024 18:48	WG2273745
Nitrite	<0.0300		0.0300	0.0500	1	04/24/2024 18:48	WG2273745





Ss

Wet Chemistry by Method 4500CN-E

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Cyanide	< 0.00430		0.00430	0.0100	1	04/25/2024 16:38	WG2274189





	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I	mg/l		date / time	
Phosphorus, Total	3.21		0.152	0.500	10	04/29/2024 17:02	WG2276365



Wet Chemistry by Method 4500-S2 D

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Sulfide	< 0.0230	J6	0.0230	0.100	1	04/24/2024 21:10	WG2273867



9 Sc

Wet Chemistry by Method 5210 B-2016

	The second second		A STATE OF THE STA				
		Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte		mg/I		mg/l		date / time	
BOD		<1.00		1.00	1	04/29/2024 09:23	WG2273309
CBOD		<1.00		1.00	1	04/29/2024 12:40	WG2273312

Wet Chemistry by Method 5220D

	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/l		mg/l	mg/l		date / time	
COD	223		16.1	35.0	1	04/30/2024 13:41	WG2276946

Wet Chemistry by Method 5310C

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
TOC (Total Organic Carbon)	4.45		0.270	0.700	1	04/30/2024 15:46	WG2277108

Wet Chemistry by Method 5540C

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
MBAS	< 0.360	J5	0.350	0.500	1	04/24/2024 19:33	WG2273766

Wet Chemistry by Method SM 4500-H+B

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	su			date / time	
pH	8.26	<u>T8</u>	1	04/29/2024 13:29	WG2276644

Sample Narrative:

L1728708-01 WG2276644: 8.26 at 19.7C

Wet Chemistry by Method SM4500NH3H

The second secon	THE THE PARTY OF T						
	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/l		mg/I	mg/l		date / time	

SAMPLE RESULTS - 01

Collected date/time: 04/23/24 08:15 Wet Chemistry by Method SM4500NH3H

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Ammonia Nitrogen	0.695		0.0280	0.100	1	04/25/2024 17:10	WG2274576



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Metals (ICP) by Method 200.7

	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/l		mg/l	mg/l		date / time	
Aluminum	< 0.0353		0.0353	0.500	1	04/27/2024 12:53	WG2274706
Antimony	< 0.00242		0.00242	0.0250	1	04/27/2024 12:53	WG2274706
Arsenic	0.00608	<u>J</u>	0.00418	0.0200	1	04/27/2024 12:53	WG2274706
Barium	0.273		0.000490	0.0100	1	04/27/2024 12:53	WG2274706
Beryllium	<0.000180		0.000180	0.00100	1	04/27/2024 12:53	WG2274706
Boron	2.71		0.0186	0.100	1	04/27/2024 12:53	WG2274706
Cadmium	0.000524	7	0.000350	0.00500	1	04/27/2024 12:53	WG2274706
Chromium	< 0.000710		0.000710	0.00700	1	04/27/2024 12:53	WG2274706
Cobalt	<0.000680		0.000680	0.00250	1	04/27/2024 12:53	WG2274706
Copper	< 0.00364		0.00364	0.0200	1	04/27/2024 12:53	WG2274706
Iron	1.69		0.0303	0.500	1	04/27/2024 12:53	WG2274706
Lead	0.0114		0.00312	0.0100	1	04/27/2024 12:53	WG2274706
Magnesium	173		0.0434	1.00	1	04/27/2024 12:53	WG2274706
Manganese	0.572		0.00557	0.0500	1	04/27/2024 12:53	WG2274706
Molybdenum	0.158		0.00760	0.0300	1	04/27/2024 12:53	WG2274706
Nickel	0.0143		0.00358	0.0100	1	04/27/2024 12:53	WG2274706
Selenium	<0.00500		0.00500	0.0200	1	04/27/2024 12:53	WG2274706
Silver	<0.000990		0.000990	0.00500	1	04/27/2024 12:53	WG2274706
Challium	<0.00775		0.00775	0.0200	1	04/27/2024 12:53	WG2274706
Γin	<0.00240		0.00240	0.0250	1	04/27/2024 12:53	WG2274706
litanium	<0.00835		0.00835	0.100	1	04/27/2024 12:53	WG2274706
7inc	0.0206		0.0106	0.0250	1	04/27/2024 12:53	WG2274706





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Volatile Organic Compounds (GC/MS) by Method 624.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Inalyte	mg/l		mg/l	mg/l		date / time	
,1,1-Trichloroethane	<0.00335		0.00335	0.00500	1	04/25/2024 21:22	WG2274644
,1,2,2-Tetrachloroethane	< 0.000596		0.000596	0.00500	1 🏄	04/25/2024 21:22	WG2274644
,1,2-Trichloroethane	< 0.00145		0.00145	0.00500	1	04/25/2024 21:22	WG2274644
,1-Dichloroethane	<0.00292		0.00292	0.00500	1	04/25/2024 21:22	WG2274644
1-Dichloroethene	< 0.00367		0.00367	0.00500	1	04/25/2024 21:22	WG2274644
2-Dichlorobenzene	< 0.00172		0.00172	0.00200	1	04/25/2024 21:22	WG2274644
2-Dichloroethane	< 0.00195		0.00195	0.00500	1	04/25/2024 21:22	WG2274644
2-Dichloropropane	<0.000804		0.000804	0.00200	1	04/25/2024 21:22	WG2274644
3-Dichlorobenzene	< 0.00419		0.00419	0.00500	1	04/25/2024 21:22	WG2274644
4-Dichlorobenzene	< 0.00173		0.00173	0.00200	1	04/25/2024 21:22	WG2274644
-Chloroethyl vinyl ether	< 0.00652		0.00652	0.0100	1	04/25/2024 21:22	WG2274644
crolein	< 0.00544		0.00544	0.0100	1	04/25/2024 21:22	WG2274644
crylonitrile	< 0.00709		0.00709	0.0100	1	04/25/2024 21:22	WG2274644
enzene	<0.00207		0.00207	0.00500	1	04/25/2024 21:22	WG2274644
romodichloromethane	< 0.00179		0.00179	0.00200	1	04/25/2024 21:22	WG2274644
romoform	< 0.000960		0.000960	0.0100	1	04/25/2024 21:22	WG2274644
romomethane	< 0.00347		0.00347	0.00500	1	04/25/2024 21:22	WG2274644
arbon tetrachloride	< 0.00159		0.00159	0.00200	1	04/25/2024 21:22	WG2274644
nlorobenzene	<0.00276		0.00276	0.0100	1	04/25/2024 21:22	WG2274644
nloroethane	<0.00296		0.00296	0.00500	1	04/25/2024 21:22	WG2274644
loroform	< 0.00212		0.00212	0.00500	1	04/25/2024 21:22	WG2274644
loromethane	<0.00361		0.00361	0.00500	1	04/25/2024 21:22	WG2274644
s-1,2-Dichloroethene	< 0.00113		0.00113	0.00500	1	04/25/2024 21:22	WG2274644
s-1,3-Dichloropropene	<0.00492		0.00492	0.0100	1	04/25/2024 21:22	WG2274644

SAMPLE RESULTS - 01

Collected date/time: 04/23/24 08:15

Volatile Organic Compounds (GC/MS) by Method 624.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/I		date / time	
Dibromochloromethane	< 0.00327		0.00327	0.00500	1	04/25/2024 21:22	WG2274644
Ethylbenzene	< 0.000401		0.000401	0.00200	1	04/25/2024 21:22	WG2274644
Methylene Chloride	< 0.0117		0.0117	0.0200	1	04/25/2024 21:22	WG2274644
Tetrachloroethene	<0.00486		0.00486	0.0100	1	04/25/2024 21:22	WG2274644
Toluene	< 0.00219		0.00219	0.00500	1	04/25/2024 21:22	WG2274644
Total 1,3-Dichloropropene	<0.00372		0.00372	0.0100	1	04/25/2024 21:22	WG2274644
rans-1,2-Dichloroethene	< 0.00501		0.00501	0.0100	1	04/25/2024 21:22	WG2274644
rans-1,3-Dichloropropene	< 0.00460		0.00460	0.00500	1	04/25/2024 21:22	WG2274644
richloroethene	< 0.00262		0.00262	0.00500	1	04/25/2024 21:22	WG2274644
/inyl chloride	< 0.00466		0.00466	0.00500	1	04/25/2024 21:22	WG2274644
(S) 1,2-Dichloroethane-d4	102			70.0-130		04/25/2024 21:22	WG2274644
(S) 4-Bromofluorobenzene	99.6			70.0-130		04/25/2024 21:22	WG2274644
(S) Toluene-d8	102			70.0-130		04/25/2024 21:22	WG2274644

Pesticides (GC) by Method EPA 608.3

	Result Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l	mg/l	mg/l		date / time	
Aldrin	<0.0000198	0.0000198	0.0000500	1	04/28/2024 13:42	WG2275763
Alpha BHC	<0.0000172	0.0000172	0.0000500	1	04/28/2024 13:42	WG2275763
Beta BHC	<0.0000208	0.0000208	0.0000500	1	04/28/2024 13:42	WG2275763
Delta BHC	< 0.0000150	0.0000150	0.0000500	1	04/28/2024 13:42	WG2275763
Gamma BHC	<0.0000209	0.0000209	0.0000500	1	04/28/2024 13:42	WG2275763
Chlordane	< 0.0000198	0.0000198	0.00500	1	04/28/2024 13:42	WG2275763
4,4-DDD	< 0.0000177	0.0000177	0.0000500	1	04/28/2024 13:42	WG2275763
4,4-DDE	< 0.0000154	0.0000154	0.0000500	1	04/28/2024 13:42	WG2275763
4,4-DDT	< 0.0000198	0.0000198	0.0000500	1	04/28/2024 13:42	WG2275763
Dieldrin	< 0.0000162	0.0000162	0.0000500	1	04/28/2024 13:42	WG2275763
Endosulfan I	< 0.0000160	0.0000160	0.0000500	1	04/28/2024 13:42	WG2275763
Endosulfan II	< 0.0000164	0.0000164	0.0000500	1	04/28/2024 13:42	WG2275763
Endosulfan sulfate	< 0.0000217	0.0000217	0.0000500	1	04/28/2024 13:42	WG2275763
Endrin	< 0.0000161	0.0000161	0.0000500	1	04/28/2024 13:42	WG2275763
Endrin aldehyde	< 0.0000237	0.0000237	0.0000500	1	04/28/2024 13:42	WG2275763
Endrin ketone	< 0.0000219	0.0000219	0.0000500	1	04/28/2024 13:42	WG2275763
Heptachlor	<0.000148	0.0000148	0.0000500	1	04/28/2024 13:42	WG2275763
Heptachlor epoxide	<0.0000183	0.0000183	0.0000500	1	04/28/2024 13:42	WG2275763
Hexachlorobenzene	<0.0000176	0.0000176	0.0000500	1	04/28/2024 13:42	WG2275763
Methoxychlor	< 0.0000193	0.0000193	0.0000500	1	04/28/2024 13:42	WG2275763
Toxaphene	<0.000168	0.000168	0.000500	1	04/28/2024 13:42	WG2275763
gamma-Chlordane	< 0.0000137	0.0000137	0.0000500	1	04/28/2024 13:42	WG2275763
alpha-Chlordane	< 0.0000149	0.0000149	0.0000500	1	04/28/2024 13:42	WG2275763
(S) Decachlorobiphenyl	42.8		10.0-144		04/28/2024 13:42	WG2275763
(S) Tetrachloro-m-xylene	84.9		10.0-135		04/28/2024 13:42	WG2275763

Polychlorinated Biphenyls (GC) by Method EPA-608.3

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
PCB 1016	< 0.000270		0.000270	0.000500	1	04/28/2024 13:42	WG2275763
PCB 1221	< 0.000270		0.000270	0.000500	1	04/28/2024 13:42	WG2275763
PCB 1232	< 0.000270		0.000270	0.000500	1	04/28/2024 13:42	WG2275763
PCB 1242	< 0.000270		0.000270	0.000500	1	04/28/2024 13:42	WG2275763
PCB 1248	< 0.000173		0.000173	0.000500	1	04/28/2024 13:42	WG2275763
PCB 1254	< 0.000173		0.000173	0.000500	1	04/28/2024 13:42	WG2275763
PCB 1260	< 0.000173		0.000173	0.000500	1	04/28/2024 13:42	WG2275763
Total PCBs	< 0.000173		0.000173	0.000500	1	04/28/2024 13:42	WG2275763
(S) Decachlorobiphenyl	44.2			10.0-144		04/28/2024 13:42	WG2275763

ACCOUNT: Holiday Beach WSC PROJECT:

L1728708

DATE/TIME: 05/10/24 12:34

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SAMPLE RESULTS - 01

RO DISCHARGE Collected date/time: 04/23/24 08:15

Polychlorinated Biphenyls (GC) by Method EPA-608.3

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
(S) Tetrachloro-m-xylene	89.9			10.0-135		04/28/2024 13:42	WG2275763	





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	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/I		mg/l	mg/l		date / time	
1,2,4,5-Tetrachlorobenzene	<0.00132		0.00132	0.00250	1	04/30/2024 18:59	WG2273235
1,2,4-Trichlorobenzene	< 0.00159		0.00159	0.00250	1	04/30/2024 18:59	WG2273235
,2-Dichlorobenzene	<0.00168		0.00168	0.00250	1	04/30/2024 18:59	WG2273235
,3-Dichlorobenzene	< 0.00170		0.00170	0.00250	1	04/30/2024 18:59	WG2273235
4-Dichlorobenzene	< 0.00184		0.00184	0.00250	1	04/30/2024 18:59	WG2273235
,2-Oxybis(1-Chloropropane)	< 0.00116		0.00116	0.00250	1	04/30/2024 18:59	WG2273235
4,5-Trichlorophenol	< 0.00193		0.00193	0.00250	1	04/30/2024 18:59	WG2273235
,4,6-Trichlorophenol	< 0.00179		0.00179	0.00250	1	04/30/2024 18:59	WG2273235
4-Dichlorophenol	<0.000820		0.000820	0.00250	1	04/30/2024 18:59	WG2273235
4-Dimethylphenol	< 0.00142		0.00142	0.00500	1 1	04/30/2024 18:59	WG2273235
4-Dinitrophenol	<0.00115		0.00115	0.00500	1	04/30/2024 18:59	WG2273235
4-Dinitrotoluene	<0.00265		0.00265	0.00500	1	04/30/2024 18:59	WG2273235
6-Dichlorophenol	<0.00107		0.00107	0.00250	1	04/30/2024 18:59	WG2273235
6-Dinitrotoluene	<0.00181		0.00181	0.00500	1	04/30/2024 18:59	WG2273235
-Chloronaphthalene	<0.00181		0.00143	0.00300	1	04/30/2024 18:59	WG2273235
-Chlorophenol	<0.00143		0.000820	0.00250	1	04/30/2024 18:59	WG2273235
Methylphenol	<0.000820		0.000820	0.00230	1	04/30/2024 18:59	WG2273235 WG2273235
Nitrophenol	<0.00169		0.000760	0.00300		04/30/2024 18:59	WG2273235 WG2273235
	<0.00169		0.00069	0.00250	1	04/30/2024 18:59	WG2273235 WG2273235
44-Methyl Phenol							WG2273235 WG2273235
3-Dichlorobenzidine	<0.00265		0.00265	0.00500		04/30/2024 18:59	
6-Dinitro-2-methylphenol	<0.00150		0.00150	0.00500	1	04/30/2024 18:59	WG2273235
Bromophenyl-phenylether	<0.00104		0.00104	0.00250	1	04/30/2024 18:59	WG2273235
Chloro-3-methylphenol	<0.000865		0.000865	0.00250	1	04/30/2024 18:59	WG2273235
Chlorophenyl-phenylether	<0.00140		0.00140	0.00250	1	04/30/2024 18:59	WG2273235
Nitrophenol	<0.00164		0.00164	0.00500	1	04/30/2024 18:59	WG2273235
enaphthene	<0.00134		0.00134	0.00250	1	04/30/2024 18:59	WG2273235
enaphthylene	<0.00134		0.00134	0.00250	- 1	04/30/2024 18:59	WG2273235
etophenone	<0.000788		0.000788	0.00250	1	04/30/2024 18:59	WG2273235
oha-Terpineol	<0.000696		0.000696	0.00250	1	04/30/2024 18:59	WG2273235
iline	<0.000536		0.000536	0.00250	1	04/30/2024 18:59	WG2273235
thracene	< 0.00111		0.00111	0.00250	1	04/30/2024 18:59	WG2273235
azine	< 0.00167		0.00167	0.00250	1	04/30/2024 18:59	WG2273235
nzidine	< 0.00311		0.00311	0.0100	1 🕴	04/30/2024 18:59	WG2273235
nzo(a)anthracene	<0.000933		0.000933	0.00250	1	04/30/2024 18:59	WG2273235
nzo(a)pyrene	<0.000941		0.000941	0.00250	1	04/30/2024 18:59	WG2273235
nzo(b)fluoranthene	<0.00102		0.00102	0.00250	1	04/30/2024 18:59	WG2273235
nzo(g,h,i)perylene	<0.00101		0.00101	0.00250	1	04/30/2024 18:59	WG2273235
nzo(k)fluoranthene	<0.000934		0.000934	0.00250	1	04/30/2024 18:59	WG2273235
nzoic acid	<0.00657		0.00657	0.0100	1	04/30/2024 18:59	WG2273235
nzylbutyl phthalate	<0.00143		0.00143	0.00250	1	04/30/2024 18:59	WG2273235
(2-chlorethoxy)methane	<0.000991		0.000991	0.00250	1	04/30/2024 18:59	WG2273235
(2-chloroethyl)ether	<0.00101		0.00101	0.00250	1	04/30/2024 18:59	WG2273235
2-chloroisopropyl)ether	<0.00116		0.00116	0.00250	1	04/30/2024 18:59	WG2273235
2-Ethylhexyl)phthalate	<0.00318		0.00318	0.00500	1	04/30/2024 18:59	WG2273235
bazole	<0.00106		0.00106	0.00250	1	04/30/2024 18:59	WG2273235
ysene	<0.00102		0.00102	0.00250	1	04/30/2024 18:59	WG2273235
n-butyl phthalate	<0.00120		0.00120	0.00250		04/30/2024 18:59	WG2273235
n-octyl phthalate	< 0.00120		0.00174	0.00250		04/30/2024 18:59	WG2273235
enz(a,h)anthracene	<0.00174		0.00174	0.00250		04/30/2024 18:59	WG2273235 WG2273235
enzofuran	<0.00110		0.00110	0.00250		04/30/2024 18:59	WG2273235
thyl phthalate	<0.00120		0.000120	0.00250		04/30/2024 18:59	WG2273235

SAMPLE RESULTS - 01

Collected date/time: 04/23/24 08:15

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Dimethyl phthalate	<0.000878		0.000878	0.00250	1	04/30/2024 18:59	WG2273235
Fluoranthene	< 0.00114		0.00114	0.00250	1	04/30/2024 18:59	WG2273235
Fluorene	< 0.00131		0.00131	0.00250	1	04/30/2024 18:59	WG2273235
Hexachloro-1,3-butadiene	< 0.00176		0.00176	0.00250	1	04/30/2024 18:59	WG2273235
Hexachlorobenzene	< 0.000972		0.000972	0.00250	1	04/30/2024 18:59	WG2273235
Hexachlorocyclopentadiene	< 0.00117	<u>C5</u>	0.00117	0.0100	1	04/30/2024 18:59	WG2273235
Hexachloroethane	<0.00188		0.00188	0.00250	1	04/30/2024 18:59	WG2273235
1,2-Diphenylhydrazine	< 0.00124	N2	0.00124	0.00250	1	04/30/2024 18:59	WG2273235
Indeno(1,2,3-cd)pyrene	< 0.000984		0.000984	0.00250	1	04/30/2024 18:59	WG2273235
Isophorone	< 0.00183		0.00183	0.00250	1	04/30/2024 18:59	WG2273235
n-Decane	< 0.00158		0.00158	0.00250	1	04/30/2024 18:59	WG2273235
n-Nitrosodi-n-butylamine	< 0.000735		0.000735	0.00250	1	04/30/2024 18:59	WG2273235
n-Nitrosodi-n-propylamine	< 0.00107		0.00107	0.00250	1	04/30/2024 18:59	WG2273235
n-Nitrosodiethylamine	< 0.000925		0.000925	0.00250	1	04/30/2024 18:59	WG2273235
n-Nitrosodimethylamine	< 0.000651		0.000651	0.00250	1	04/30/2024 18:59	WG2273235
n-Nitrosodiphenylamine	< 0.000829		0.000829	0.00250	1	04/30/2024 18:59	WG2273235
n-Octadecane	< 0.00128		0.00128	0.00250	1	04/30/2024 18:59	WG2273235
Naphthalene	< 0.00200		0.00200	0.00250	1	04/30/2024 18:59	WG2273235
Nitrobenzene	< 0.00124		0.00124	0.00250	1	04/30/2024 18:59	WG2273235
Nonylphenol	< 0.00286		0.00286	0.00500	1	04/30/2024 18:59	WG2273235
Pentachlorobenzene	< 0.00134		0.00134	0.00250	1	04/30/2024 18:59	WG2273235
Pentachlorophenol	< 0.00210		0.00210	0.00500	1	04/30/2024 18:59	WG2273235
Phenanthrene	< 0.00113		0.00113	0.00250	1	04/30/2024 18:59	WG2273235
Phenol	< 0.000967		0.000967	0.00250	1	04/30/2024 18:59	WG2273235
Pyrene	< 0.00115		0.00115	0.00250	1	04/30/2024 18:59	WG2273235
Pyridine	< 0.00117		0.00117	0.00250	1	04/30/2024 18:59	WG2273235
Total Cresols	< 0.00153		0.00153	0.00750	1	04/30/2024 18:59	WG2273235
(S) 2,4,6-Tribromophenol	48.5			29.0-132		04/30/2024 18:59	WG2273235
(S) 2-Fluorobiphenyl	61.9			26.0-102		04/30/2024 18:59	WG2273235
(S) 2-Fluorophenol	31.4			10.0-66.0		04/30/2024 18:59	WG2273235
(S) Nitrobenzene-d5	72.2			15.0-106		04/30/2024 18:59	WG2273235
(S) p-Terphenyl-d14	68.8			10.0-120		04/30/2024 18:59	WG2273235
(S) Phenol-D6	23.0			10.0-54.0		04/30/2024 18:59	WG2273235
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Method Blank (MB) (MB) R4062029-1 04/24/24 16:45

(MB) R4062029-1 04/24/24 16:45	24/24 16:45	Silver O OM					
Analyte	mg/l	MB Qualifier	MB MDL mg/l	MB RUL mg/l			
Total Dissolved Solids	<25.0		25.0	25.0	the state of a state to good delication on a speciment on the state of		
L1728708-01 Original Sample (OS) • Duplicate (DUP)	ainal Sample	10. (SO)	olicate (D	<u>a</u>			
(OS) L1728708-01 04/24/24 16:45 - (DUP) R4062029-3 04/24/24 16:45	24/24 16:45 • (DU	IP) R4062029-3	3 04/24/24	16:45			
	Original Resu	Original Result DUP Result	Dilution DUP RPD	DUP RPD	DUP Qualifier	DUP RPD Limits	
Analyte	l/gm	l/gm		%		%	
Total Dissolved Solids	9760	10100	-	3.17	The second secon	10	
Laboratory Control Sample (LCS)	rol Sample (I	LCS)					
(LCS) R4062029-2 04/24/24 16:45	1/24/24 16:45						
Analyto	Spike Amoun	Spike Amount LCS Result	LCS Rec.	Rec. Limits	ts LCS Qualifier	alifier	
Total Dissolved Solids	7410	7540	% 0 <u>1</u>	% 20 0.70	San and the san an		
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DATE/TIME: 05/10/24 12:34

SDG: L1728708

PROJECT:

ACCOUNT: Holiday Beach WSC

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QUALITY CONTROL SUMMARY				DUP Qualifier Limits %	DUP Qualifier DUP RPD Limits %
y Method 2540D	: (MB)	04/26/24 12:07 MB Result MB Qualifier MB MDL MB RDL mg/l mg/l mg/l mg/l <2.50 2.50	1728751-01 Original Sample (OS) • Duplicate (DUP)	(OS) L1728751-01 04/26/24 12:07 · (DUP) R4062797-3 04/26/24 12:07 Original Result DUP Result Dilution DUP RPD Analyte mg/l mg/l % Suspended Solids 1300 1260 1 3:13 L1728751-03 Original Sample (OS) · Duplicate (DUP)	(OS) L1728751-03 04/26/24 12:07 - (DUP) R4062797-4 04/26/24 12:07 Original Result DUP Result Dilution DUP RPD Analyte mg/l mg/l % Suspended Solids 520 547 1 5.01
WG2275083 Gravimetric Analysis b	Method Blank (MB)	(MB) R4062797-1 04/26/24 12:07 MB Re Analyte mg/l Suspended Solids <2.50	L1728751-01 O	(OS) L1728751-01 Oc Analyte Suspended Solids L1728751-03 O	(OS) L1728751-03 0 Analyte Suspended Solids

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PAGE: 12 of 72

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ACCOUNT: Holiday Beach WSC

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Laboratory Control Sample (LCS)

LCS Rec. Limits LCS Qualific	%	8.5 85.0-115
LCS Result	l/gm	914
Spike Amount	l/gm	928
	Analyte	Suspended Solids

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Wet Chemistry by Method 1664A

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														* 19			PAGE
					RPD Limits	% &											DATE/TIME:
					LCSD Qualifier RPD	4.36				And definition of the same of							
					LCS Qualifier LCSD				MS Qualifier	described the second of the se				w Z			SDG:
			Appeals to the contract of the	e (LCSD)	: Limits	78.0-114			Rec. Limits MS Qu %	78.0-114							
				Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)		89.8			Dilution								PROJECT:
		ADL MB RDL		y Control Sa	04/29/24 15:45 LCSD Result LCS Rec.	93.8	pike (MS)		tesult MS Rec. %	87.6							
		MB Qualifier MB MDL	0.350	s) • Laborator	R4063931-3 04/. CS Result LCSI	37.5 35.9	OS) • Matrix S	1063931-4 04/29,	Original Result MS Result mg/l mg/l	0.980 36.0				¥			
	115.75	sult	<0.350	Sample (LCS	24 15:45 • (LCSD) R40639: Spike Amount LCS Result	mg/l m 40.0	nal Sample (C	24 15:45 • (MS) R4	Spike Amount O	40.0 0							ACCOUNT: Holiday Beach WSC
Method Blank (MR)	MBI B4063931-1 04/29/24 15-45	7/82/20	Oll & Grease (Hexane Extr)	atory Control	(LCS) R4063931-2 04/29/24 15:45 • (LCSD) R4063931-3 04/29/24 15:45 Spike Amount LCS Result LCSD Result L	Analyte Oil & Grease (Hexane Extr)	L1728932-02 Original Sample (OS) • Matrix Spike (MS)	(OS) L1728932-02 04/29/24 15:45 • (MS) R4063931-4 04/29/24 15:45		Oil & Grease (Hexane Extr)							Ac
Matho	(MR) RAD	Analyte	Oil & Great	Labora	(LCS) R4(Oil & Greas	L17289	(OS) L172	Analyte	Oil & Grea							

05/10/24 12:34 DATE/TIME: QUALITY CONTROL SUMMARY 11728708 SDG: DUP RPD Limits 20 **DUP Qualifier** PROJECT: MB RDL units 5.00 Dilution DUP RPD 0.000 L1728708-01 Original Sample (OS) • Duplicate (DUP) (OS) L1728708-01 04/24/24 19:50 • (DUP) R4061864-2 04/24/24 19:50 MB MDL units 5.00 MB Qualifier Original Result DUP Result units 5.00 Holiday Beach WSC Wet Chemistry by Method 2120B MB Result ACCOUNT: <5.00 (MB) R4061864-1 04/24/24 19:50 units units 5.00 Method Blank (MB) Sample Narrative: BLANK: 7 Sample Narrative:

DUP: 6 02: 6

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(MB) R4063816-1 04/30/24 0	(MB) R4063816-1 04/30/24 08:43										8
	MB Result	MB Qualifier	MB MDL	MB RDL							
	mg/l	The second secon	mg/l	l/gm							- C
	<20.0		20.0	20.0			The state of the s	Michael en un depretation is min. a ma much and mission and and a second		the control of the property defined on the control of the control	
	<20.0		20.0	20.0							3)
	<20.0		20.0	20.0							SS
	<20.0 <20.0		20.0	20.0							4
	el Sample	L1728662-01 Original Sample (OS) • Dunlicate (DUP)	licate (DI								ين. م
5	4 08:43 • (DU)	(OS) L1728662-01 04/30/24 08:43 • (DLIP) R4063816-3 04/30/24 08:43	04/30/24 08	2.43							
	Original Result DUP Result	DUP Result	Dilution DUP RPD	JP RPD	DUP Qualifier	DUP RPD					့ ၂၀၀
	l/gm	mg/l	96								_
	160	162	1 1.24	24	and the residence of the state	20	in the special				Ō
	Laboratory Control Sample (LCS)	(SS)									⁸ Al
	(LCS) R4063816-2 04/30/24 08:43										6
20	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	ts LCS Qualifier	alifier					Sc
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										*	
A B	ACCOUNT: Holiday Beach WSC				PROJECT:		SDG: L1728708	80	DATE/TIME: 05/10/24 12:34	PAGE:	

L1728708-01

Wet Chemistry by Method 2320B

QUALITY CONTROL SUMMARY

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Wet Chemistry by Method 300.0

WG2276983

(MB) R4066825-1	34066825-1 05/01/24 09:10			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	l/gm		l/gm	l/gm
Bromide	<0.353		0.353	1.00
Chloride	<0.379		0.379	1.00
Fluoride	<0.0640		0.0640	0.150
Sulfate	<0.594		0.594	5.00

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L1726299-01 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	15	15	15	15
	DUP Qualifier					
15:44	Dilution DUP RPD	%	2.00	0.167	1.32	0.0206
05/01/24	Dilution		-	.	, -	-
R4066825-3	DUP Result	mg/l	1.55	67.5	0.449	8.79
OS) L1726299-01 05/01/24 15:29 • (DUP) R4066825-3 05/01/24 15:44	Original Result DUP Result	l/gm	1.52	67.4	0.443	67.8
(OS) L1726299-01		Analyte	Bromide	Chloride	Fluoride	Sulfate

L1728911-09 Original Sample (OS) · Duplicate (DUP)

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	DUP RPD Limits	%	15	15	15	15
	DUP Qualifier					
22:22	Dilution DUP RPD	%	0.000	0.241	0.000	0.108
05/01/24	Dilution		-	-	,-	-
R4066825-6	DUP Result	mg/l	<0.353	1.28	<0.0640	17.4
OS) L1728911-09 05/01/24 22:06 (DUP) R4066825-6 05/01/24 22:22	Original Result DUP Result	l/gm	<0.353	1.29	<0.0640	17.4
(08) 11728911-09 0		Analyte	Bromide	Chloride	Fluoride	Sulfate

Laboratory Control Sample (LCS)

	ts LCS Qualifier					
	Rec. Limits	%	90.0-110	90.0-110	90.0-110	90.0-110
	LCS Rec.	%	6'96	6.96	101	6.66
	LCS Result	√l/gm	38.8	38.7	8.04	40.0
05/01/24 09:26	Spike Amount	l/gm	40.0	40.0	8.00	40.0
(LCS) R4066825-2 05/01/24 09:26		Analyte	Bromide	Chloride	Fluoride	Sulfate

DATE/TIME	05/10/24 12:34
SDG:	1728708
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Wet Chemistry by Method 300.0

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## 1970 Original Sample (OS) - Matrix Sprike (MS) 1910 Original Sample (OS) - Matrix Sprike (MS) 1910 Original Sample (OS) - Matrix Sprike (MS) 2910 Original Sample (OS) - Matrix Sprike (MS) 2910 Original Sample (OS) - Matrix Sprike (MS) 2910 Original Sample (OS) - Matrix Sprike (MS) 2911	Calle Amount Original Decal M. Decale M. Decal	Snika	Amount	Original Box	# 03/01/24 IC	1 (USIMI) • UU.0	44000825-	S US/UT/.	24 16:16									
400 (152 394 395 948 950 1 800-20 0070 15 800-20 400 070 070 070 070 070 070 070 070 07	Analyte	mg/l		onginal ke: mg/l	suit MS Kesuil			Kec.	MSD Rec. %			MS Qualifier			RPD	RPD Limits		
900 674 947 943 648 950 1 800-700 16 900 15 900 10	nide	40.0		152	V 00	7.00	2 3		2 2	A STREET OF STREET, ST	Q	-	Printed in the control of the control		9.	₉ 6	And the second second second	The second second second
800 043 841 843 667 701 1 800.00 16 0.26 65 65 101 1 800.00 16 0.26 65 65 101 1 800.00 16 0.26 65 65 101 1 800.00 16 0.26 65 65 101 1 800.00 16 0.26 65 65 101 1 800.00 16 0.26 65 65 101 1 800.00 16 0.20 17 4 0.20 17 4) i	0.01		1.32	59.4	39.5	94.	~	95.0		80.0-120				0.170	15		
8.00 0.443 8.41 8.45 99.6 100 1 800-120 0.484 15 97 95.9 99.6 100 1 800-120 0.484 15 97 95.9 95.9 99.6 100 1 1 800-120 0.484 15 97 95.9 95.9 95.9 95.9 95.9 95.9 95.9	epil.	40.0		67.4	94.1	94.3	.99		67.3	-	80.0-120	97	96		0.256	15		
400 67.8 95.7 95.9 69.8 70.1 1 80.0-720 15 15 15 15 15 15 15 1	age .	8.00		0.443	8.41	8.45	99.	2	100	-	80.0-120				0.484	15		
911-09 Original Sample (OS) • Matrix Spike (MS) 28911-09 05/0724 2206 • (MS) Resett MS Reset	<u>a</u>	40.0		67.8	95.7	95.9	.69	œ.	70.1	-	80.0-120	9]	97		0.137	15		
2891-09 05/01/24 22:06	28911-09 C	riginal Sa) eldui	OS) • Mē	atrix Spike	(MS)												
Spike Amount Original Result MS Recult MS Recult MS Recult MS Couldings 40.0 40.35 39.4 96.2 1 80.0.20 40.0 1.29 39.8 96.2 1 80.0.20 40.0 77.4 54.8 93.5 1 80.0.20	L1728911-09 0	5/01/24 22:0	6 · (MS) F	34066825-	7 05/01/24 2.	2:38												
mg/l mg/l mg/l % 40.0 -0.533 3.94 98.5 1 80.0.120 40.0 -0.0640 8.05 10 1 80.0.120 8.00 -0.0640 8.05 10 1 80.0.120 40.0 7.74 5.4.8 93.6 1 80.0.120		Spike	Amount	Original Res	sult MS Result				. Limits	MS Qualifier								
400 40.353 39.4 98.5 1 80.0.120 40.0 1.29 33.8 96.2 1 80.0.120 8.00 <0.0640 8.05 10 1 80.0.120 40.0 17.4 54.8 93.6 1 80.0.120	Analyte	l/gm		Mg∕l	l/gm													
40.0 1.29 39.8 96.2 1 80.0.120 8.00 <-0.0640 8.05 101 1 80.0.120 40.0 17.4 54.8 93.6 1 80.0.120	Bromide	40.0		<0.353	39.4	98.5	-	80.0	0-120	And the state of t					the state of the state of the state of			
8.00 < 0.0640 8.05	Chloride	40.0		1.29	39.8	96.2	-	80.0										
40.0 77.4 54.8 93.6 1 80.0-120	Fluoride	8.00		<0.0640	8.05	101	-	80.0										
	Sulfate	40.0		17.4	54.8	93.6	1	80.1	0-120									
	4																	
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DATE/TIME: 05/10/24 12:34

SDG: L1728708

PROJECT:

ACCOUNT: Holiday Beach WSC

18 of 72 PAGE: RPD Limits 20 % 3.00 05/10/24 12:34 RPD DATE/TIME: MSD Qualifier MS Qualifier Dilution Rec. Limits 10.0-120 11728708 SDG: L1728151-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) MSD Rec. (OS) L1728151-01 04/25/24 10:03 • (MS) R4061913-3 04/25/24 10:04 • (MSD) R4061913-4 04/25/24 10:04 100 LCS Qualifier MS Rec. 104 % MSD Result Rec. Limits 0.00300 85.0-115 MB RDL 0.228 mg/l l/gm Spike Amount Original Result MS Result 0.00200 LCS Rec. MB MDL 0.235 ₩g/I l/gm 102 MB Qualifier Spike Amount LCS Result 0.0281 0.203 l/gm mg/l OS: Sample preserved in lab w/in 24hrs of collection. Laboratory Control Sample (LCS) Holiday Beach WSC MB Result <0.00200 ACCOUNT: (LCS) R4061913-2 04/25/24 10:03 0.200 0.200 (MB) R4061913-1 04/25/24 10:03 mg/l mg/l l/gm Method Blank (MB) Chromium, Hexavalent Chromium, Hexavalent Chromium, Hexavalent

Sample Narrative:

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QUALITY CONTROL SUMMARY

11728708-01

Wet Chemistry by Method 3500Cr-B

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(MB) R4063197-1 04/27/24 22:40	24 22:40													3
chilcon	MB Result	MB Qualifier	MB MDL	MB RDL										
Alidiyle	mg/l	The state of the s	l/gm	l/gm										2
Kjeldahl Nitrogen, TKN	<0.140		0.140	0.250		The Art The Committee of the Committee	Principle of the section of the sect	and the same and t	And were the presence of the second section of the second		The second of the contract of the second	the second secon		ر
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Laboratory Control Sample (LCS)	ol Sample (L	CS)												SS
(LCS) R4063197-2 04/27/24 22:43	7/24 22:43													4 (
	Spike Amount	t LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier									5
Analyte	l/gm	l/gm	%	%										5
Kjeldahl Nitrogen, TKN	4.00	4.09	102	90.0-110									Annual Control of the	Z
L1728708-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	inal Sample	(OS) • Matı	rix Spike (N	1S) • Matrix	Spike Dup	olicate (MSI	()							, O _C
(OS) L1728708-01 04/27/24 22:46 • (MS) R4063197-3 04/27/24 23:05 • (MSD) R4063197-4 04/27/24 23:06	724 22:46 • (MS,) R4063197-3 (04/27/24 23:05	. (MSD) R4063	3197-4 04/27/	24 23:06								, G
Analyte	Spike Amount mg/l	t Original Result MS Result mg/l mq/l	: MS Result mg/l	MSD Result	MS Rec.	MSD Rec. %	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits		
Kjeldahl Nitrogen, TKN	4.00	0.766	4.65	4.51	97.1	93.6	-	90.0-110			300	% 6	And the second second second second second	⋝∝
L1728921-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	inal Sample	(OS) • Matı	rix Spike (N	1S) • Matrix	Spike Dup	olicate (MS)						0		°Sc
(OS) L1728921-02 04/27/24 22:52 • (MS) R4063197-5 04/27/24 23:07 • (MSD) R4063197-6 04/27/24 23:09	7/24 22:52 • (MS	3) R4063197-5 (04/27/24 23:07	7 • (MSD) R4063	3197-6 04/27/	24 23:09								
Analyte	Spike Amount mg/l	t Original Result MS Result mg/l	. MS Result mg/l	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits		
Kjeldahl Nitrogen, TKN	4.00	7.82	12.5	123	1117	47	•	0000			96	%		
			ì	<u>.</u>	≧	ZI	-	90.0-110	E 75	E 15	1.61	20		
		**						e e						
	ACCOUNT:			PROJ	PROJECT:		7	Ġ						
Holi	Holiday Beach WSC						2717	L1728708		DATE/TIME: 05/10/24 12:34	TIME: † 12:34		PAGE: 19 of 72	

Wet Chemistry by Method 351.2

Method Blank (MB)

QUALITY CONTROL SUMMARY

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1 353.2		3:39	MB Result MB Qualifier MB MDL MB RDL	l/gm l/gm l/gm	0.0300 0.0500	0.0500 0.0500
Wet Chemistry by Method 353.2	Method Blank (MB)	(MB) R4061866-1 04/24/24 18:39	Σ	Analyte	Nitrate-Nitrite <(Nitrito

Laboratory Control Sample (LCS)

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	Spike Amount LCS Result LCS Rec. Rec. Limits LCS Qualifier	% //bu //bu	2.50 2.63 105 90.0-110	7 59
(LCS) R406186		Analyte	Nitrate-Nitrite	Mitrito

L1728708-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

L1728708-01 0.	4/24/24 18:48 · (MS) F	34061866-3 04	/24/24 18:53	· (MSD) R40618	366-4 04/24/2	24 18:53					
	Spike Amount Original Result MS Result MSD Result MS Rec. MSD Rec.	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD
alyte	l/gm	l/gm	l/gm	√ mg/l	%	%		%			% %
Nitrate-Nitrite	2.50	<0.0300	2.67	2.67	107	107	_	90.0-110			0.000
litrite	2.50	<0.0300	2.56	2.56	102	102	, 	90.0-110			0.000

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DATE/TIME: 05/10/24 12:34

SDG: L1728708

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RPD Limits

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Method Blank (MB)

L1728708-01

(MB) R4064108-1 04/30/24 16:00	24 16:00				
		MB Qualifier	MB MDL	MB RDL	
Analyte		l/gm	l/gm	mg/l	
Nitrate-Nitrite	<0.0300		0.0300		

Laboratory Control Sample (LCS)

	LCS Qualifier		And the second s
	Rec. Limits	%	90.0-110
	LCS Rec.	%	104
1.0	LCS Result	l/gm	2.60
30/24 16:01	Spike Amount LCS Result	l/gm	2.50
(LCS) R4064108-2 04/30/24 16:01		Analyte	Nitrate-Nitrite

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L1728876-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits))	 20
	RPD	· %	1.94
	MSD Qualifier R		
	MS Qualifier		and the same of th
	Ollution Rec. Limits	%	90.0-110
	Dilution		-
/24 16:21	MSD Rec.	%	104
064108-4 04/30/24 16:21	MS Rec.	%	102
) R4	MSD Result	l/gm	2.60
04/30/24 16:2'	It MS Result	l/gm	2.55
34064108-3	Original Resu	l/gm	<0.0300
0/24 16:02 • (MS) F	Spike Amount Original Result MS Result	mg/l	2.50
(OS) L1728876-01 04/30/24 16:02 • (MS) R4064108-3 04/30/24 16:21 • (MSD		Analyte	Nitrate-Nitrite

L1728876-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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OS/11728876-02 04/30	124 16:03 - MACI	DADEATOR E OU	CC.24 AC.0C/	000000000000000000000000000000000000000	00000	00000						
(0.5) 27 2000 02 04,507 24 10:03 (10.5) R4004100-3 04/30/24 10:22 (10.5D) R4004108-6 04/30/24 16:23	(CIMI) - CO.OI + 7	0-001+00+2	1,30/24 10:22	· (MSD) K406	4108-6 04/30/	24 16:23						
	Spike Amount Original Result MS Result	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD I imits
Analyte	l/gm	l/gm	mg/l	l/gm	96	%		%			. %	
Nitrate-Nitrite	2.50	<0.0300	2.67	2.68	107	107	-	90.0-110			0.374	20

PROJECT:

Wet Chemistry by Method 4500CN-E WG2274189

QUALITY CONTROL SUMMARY

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(MB) R4062220-1 04/25/24 16:38	1/25/24 16:38					
	MB Result	MB Qualifier	MB MDL	MB RDL		
Analyte	l/gm		l/gm	mg/l		
Cyanide	<0.00430		0.00430	0.0100		
Laboratory Control Sample (LCS)	trol Sample (L((SC)				
(LCS) R4062220-2 04/25/24 16:38	04/25/24 16:38					
	Spike Amount LCS Result	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	l/gm	l/gm	%	%		
Cyanide	0.100	0.0956	92.6	85.0-115		

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L1727453-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	20
		%°	5.39
	MSD Qualifier		
	MS Qualifier		
	Rec. Limits	²⁰	85.0-115
	Dilution		-
25/24 16:38	MSD Rec.	%	6.3
2220-4 04/2	MS Rec.	%	91.2
3 · (MSD) R406	MSD Result	l/gm	0.0963
04/25/24 16:38	MS Result	l/gm	0.0912
34062220-3 (Original Result	mg/l	<0.00430
1/25/24 16:38 • (MS) F	Spike Amount	l/gm	0.100
(OS) L1727453-02 04	Spike Amount Original Result MS Result MSD Result MSD Rec.	Analyte	Cyanide

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L1727491-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	20
	MSD Qualifier RPD		0.284
	MS Qualifier MSD		
	Dilution Rec. Limits	26	85.0-115
	Dilution		-
25/24 lb:38	MSD Rec.	%	94.7
P7770-0 04/	MS Rec.	%	94.4
8 • (MISD) K40	MSD Result	∥⁄gш	0.119
04/25/24 16:3	t MS Result	mg/l	0.119
44062220-5	Original Resul	∥gm	0.0242
4/25/24 16:38 • (MS) F	Spike Amount Original Result MS Result MSD Result MS Rec.	l/gm	0.100
(OS) L1727491-02 0-		Analyte	Cyanide

PROJECT:

05/10/24 12:34 DATE/TIME:

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Wet Chemistry by Method 4500P-E

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								As you have not been also been been able to the constitution of th				RPD Limits	% % % % % % % % % % % % % % % % % % %	20			BBD Limits	2 %	20
												RPD		0.580			MPD	5 % 2	11.2
												MSD Qualifier					MSD Qualifier		
								-				MS Qualifier					MS Qualifier		
								CONTRACTOR CONTRACTOR OF SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF				Dilution Rec. Limits	%	80.0-120			Dilution Rec. Limits	%	80.0-120
			and the second s							SD)		Dilution		-			Dilution		1
								entirely as the entire terminal definitions on		uplicate (MS	24 17:04	MSD Rec.	%	103	Inlicate (MS	724 17:04	MSD Rec.	%	85.9
						LCS Qualifier		And the second s		x Spike Dι	3514-4 04/29/	MS Rec.	%	102	Spike Di	3514-6 04/29	MS Rec.	96	100
		MB RDL	0.0500			Rec. Limits	%	80.0-120		MS) • Matrix	4 · (MSD) R4063	MSD Result	∥g/l	0.987	MS) • Matrix	4 • (MSD) R4063	MSD Result	l/gm	0.619
		MB MDL mg/l	0.0152			LCS Rec.	%	106		rix Spike (4/29/24 17:04	MS Result	mg/l	0.982	rix Spike (4/29/24 17:04	MS Result	l/gm	0.692
		MB Qualifier		(S)		LCS Result	l/gm	0.529		(OS) • Mat	R4063514-3 0	Spike Amount Original Result MS Result	l/gm	0.474	(OS) • Mat	R4063514-5 0	Spike Amount Original Result MS Result	mg/l	0.189
3)	/24 17:02	MB Result mg/l	<0.0152	ol Sample (L	9/24 17:02	Spike Amount LCS Result	l/gm	0.500		inal Sample	9/24 17:02 · (MS)	Spike Amount	l/gm	0.500	inal Sample	9/24 17:04 • (MS)	Spike Amount	l/gm	0.500
Method Blank (MB)	(MB) R4063514-1 04/29/24 17:02	Analyte	Phosphorus, Total	Laboratory Control Sample (LCS)	(LCS) R4063514-2 04/29/24 17:02		Analyte	Phosphorus, Total		L1728662-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	(OS) L1728662-01 04/29/24 17:02 • (MS) R4063514-3 04/29/24 17:04 • (MSD) R4063514-4 04/29/24 17:04	*1	Analyte	Phosphorus, Total	L1730169-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	(OS) L1730169-02 04/29/24 17:04 • (MS) R4063514-5 04/29/24 17:04 • (MSD) R4063514-6 04/29/24 17:04		Analyte	Phosphorus, Total

SDG: L1728708

PROJECT:

RPD Limits 20 % RPD 1.96 MSD Qualifier 9 MS Qualifier 9 QUALITY CONTROL SUMMARY Rec. Limits 80.0-120 Dilution L1728708-01 L1728708-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) MSD Rec. 63.1 (OS) L1728708-01 04/24/24 21:10 • (MS) R4061861-3 04/24/24 21:10 • (MSD) R4061861-4 04/24/24 21:10 LCS Qualifier MS Rec. 61.8 % MSD Result Rec. Limits 80.0-120 MB RDL 0.505 0.100 mg/l l/gm Spike Amount Original Result MS Result MB MDL LCS Rec. 0.0230 0.495 mg/l l/gm 107 MB Qualifier Spike Amount LCS Result <0.0230 0.857 l/gm ∏g/l Laboratory Control Sample (LCS) Wet Chemistry by Method 4500-S2 D MB Result <0.0230 0.800 0.800 (LCS) R4061861-2 04/24/24 21:10 l/gm l/gm (MB) R4061861-1 04/24/24 21:10 l/gm Method Blank (MB) WG2273867

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11728708 SDG:

PROJECT:

05/10/24 12:34

DATE/TIME:

Method Blank (MB)

Wet Chemistry by Method 5210 B-2016

	MB RDL	l/gm	0.200	
	MB MDL	l/gm	0.200	
	MB Qualifier			
1/29/24 08:54	MB Result	l/gm	<0.200	
(MB) R4063205-1 04/29/24 08:54		Analyte	ВОД	

L1728662-01 Original Sample (OS) • Duplicate (DUP)

	DUP Qualifier Limits	%	20
04/29/24 09:58	Dilution DUP RPD	%	1 0
P) R4063205-3	Original Result DUP Result	mg/l	4.00
/29/24 09:15 • (DU	Original Resul	mg/l	⊲.00
(OS) L1728662-01 04/29/24 09:15 • (DUP) R4063205-3 (Analyte	BOD

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L1728738-01 Original Sample (OS) • Duplicate (DUP)

			And the control of th
	DUP RPD Limits	%	20
	DUP Qualifier		
10:01	Dilution DUP RPD	%	8.63
4 04/29/2	Dilution		-
P) R4063205	DUP Result	∥⁄gш	6.43
04/29/24 09:30 • (DUP) R4063205-4 04/29/24 10:01	Original Result DUP Result	l/gm	7.01
(OS) L1728738-01 04/		Analyte	BOD

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Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	85-115
	LCS Rec.	%	101
	LCS Result	l/gm	199
04/29/24 08:59	Spike Amount L	l/gm	198
(LCS) R4063205-2 04/29/24 08:59		Analyte	BOD

PROJECT:

11728708 SDG:

DATE/TIME: 05/10/24 12:34

QUALITY CONTROL SUMMARY L1728708-01

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Wet Chemistry by Method 5210 B-2016

WG2273312

MB RDL	l/gm	0.200
MB MDL	I/6m	0.200
MB Qualifier		
MB Result	l/gm	<0.200
	Analyte	CBOD
	MB Qualifier MB MDL	MB Result mg/l

L1728862-02 Original Sample (OS) • Duplicate (DUP)

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DUP RPD Limits	%	20
DUP Qualifier		
DUP RPD	%	4.26
Dilution		-
DUP Result	mg/l	1.61
Original Result	l/gm	1.68
	Analyte	CBOD
	20.2	Original Result DUP Result Dilution DUP RPD Inmg/l mg/l %

L1728919-01 Original Sample (OS) • Duplicate (DUP)

		DUP RPD Limits	%	20
		DUP Qualifier		
000	13:02	DUP RPD	%	0
40000	04/29/24	Dilution DUP RPD		
* 0000000	44063332-4	DUP Result	mg/l	00 ▷
01.07	74 17:58 • (DUP)	Original Result DUP Result	l/gm	Q D0
COOLE O SO CECCOLE : COOL	(OS) L1/28919-01 04/29/24 12:58 • (DDP) R4063332-4 04/29/24 13:02		Analyte	CBUD

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Laboratory Control Sample (LCS)

LCS) R4063332-2 04/29/24 12:16	04/29/24 12:16				
	Spike Amount LC	S Resul	t LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm	mg/l	%	%	
CBOD	198	190	96.1	85-115	

DATE/TIME: 05/10/24 12:34

11728708 SDG:

PROJECT:

PAGE: 26 of 72

ACCOUNT: Holiday Beach WSC

L1728708-01
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Wet Chemistry by Method 5220D

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									mits				mits	
									RPD Limits	50			RPD Limits	20
			The second secon							2.83			RPD %	1.71
									MSD Qualifier				MSD Qualifier	
			and the desired of the second section of the section of the second section of the se						MS Qualifier				MS Qualifier	
									Dilution Rec. Limits	80.0-120			Rec. Limits %	80.0-120
								(SD)	Dilution	-	SD)		Dilution	-
						51	And the second second second second second	uplicate (M	/24 13:41 MSD Rec. %	98.7	uplicate (M	04/30/24 13:41	MSD Rec. %	91.8
			Propagation of Arriva specimens, and assume			LCS Qualifier	and the state of t	x Spike D	3898-4 04/30 MS Rec. %	95.7	spike Du	898-6 04/30	MS Rec.	90.1
		MB RDL mg/l	35.0			Rec. Limits	80.0-120	MS) • Matri:	1 • (MSD) R4063 MSD Result mg/l	539	MS) · Matrix	• (MSD) R4063	MSD Result mg/l	507
		MB MDL mg/l	16.1			LCS Rec.	90.2	rix Spike (04/30/24 13:41 It MS Result mg/I	524	rix Spike (I	04/30/24 13:41	It MS Result mg/l	498
		MB Qualifier	and the second s	(CS)		LCS Result	451	(OS) • Mat	13:41 • (MS) R4063898-3 04/30/24 13: Spike Amount Original Result MS Result mg/l mg/l	45.3	(OS) · Mati	34063898-5 (Original Result MS Result mg/l	47.4
MB)	/30/24 13:41	MB Result mg/l	<16.1	trol Sample (L	4/30/24 13:41	Spike Amount	200	iginal Sample	/30/24 13:41 • (MS) F Spike Amount mg/l	200	ginal Sample	30/24 13:41 • (MS) F	spike Amount mg/l	200
Method Blank (MB)	(MB) R4063898-1 04/30/2413:41	Analyte	COD	Laboratory Control Sample (LCS)	(LCS) R4063898-2 04/30/24 13:41	Analyte	000	L1728743-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	(OS) L1728743-01 04/30/24 13:41 • (MS) R4063898-3 04/30/24 13:41 • (MSD) R4063898-4 04/30/24 13:41 Spike Amount Original Result MS Result MSD Result MS Rec. MSD Analyte mg/l mg/l mg/l % %	000	L1729331-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	(OS) L1729331-01 04/30/24 13:41 (MS) R4063898-5 04/30/24 13:41 (MSD) R4063898-6	Analyte	Q00

PROJECT:

SDG: L1728708

RPD Limits 20 RPD DATE/TIME: 1.77 MSD Qualifier MS Qualifier QUALITY CONTROL SUMMARY Rec. Limits 80.0-120 SDG: Dilution L1728708-01 L1728708-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) MSD Rec. (OS) L1728708-01 04/30/24 15:46 • (MS) R4064285-3 04/30/24 14:23 • (MSD) R4064285-4 04/30/24 14:46 86.3 LCS Qualifier MS Rec. 84.0 PROJECT: MSD Result Rec. Limits 90.0-110 MB RDL 0.700 mg/l mg/l Spike Amount Original Result MS Result MB MDL LCS Rec. 0.270 ∥g/l l/gm 12.9 MB Qualifier Spike Amount LCS Result ₩g/l 4.45 mg/l 10.5 Laboratory Control Sample (LCS) Wet Chemistry by Method 5310C MB Result (LCS) R4064285-2 04/30/24 12:28 ACCOUNT: <0.270 (MB) R4064285-1 04/30/24 12:08 ∥g/l l/gm 10.0 10.0 mg/l Method Blank (MB) WG2277108 TOC (Total Organic Carbon) TOC (Total Organic Carbon) TOC (Total Organic Carbon)

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05/10/24 12:34

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Holiday Beach WSC

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							and the market state of the great of the expression as we are services to any			RPD Limits	% C		
										MSD Qualifier RPD	<u>त</u> % ⊓		JANT TANA
			and the second s							MS Qualifier	ū		
			The control of the co							Dilution Rec. Limits	80 0-120		Ċ
							and the same of th	olicate (MSD)	4 19:33	ec.	128		
						LCS Qualifier		x Spike Dup	1879-4 04/24/2	MS Rec.	121		PROJECT:
	MR PO	mg/l	0.500			Rec. Limits %	80.0-120	(MS) • Matri	3 • (MSD) R4061	MSD Result	1.28		PR
	MB	mg/l	0.360			LCS Rec. %	120	trix Spike (04/24/24 19:3;	Original Result MS Result	121		
	MB Qualifier			CS)		Spike Amount LCS Result mg/l	1.20	e (OS) • Ma) R4061879-3	t Original Resumpl/	<0.360		
000000000000000000000000000000000000000	J4/24/24 19:33 MB Result	mg/I	<0.360	Laboratory Control Sample (LCS)	04/24/24 19:33	Spike Amoun mg/l	1.00	L1728708-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	(OS) L1728708-01 04/24/24 19:33 • (MS) R4061879-3 04/24/24 19:33 • (MSD) R4061879-4 04/24/24 19:33	Spike Amount mg/l	1.00		ACCOUNT:
CL 2	(MB) K4051879-1 04/24/24 19:33 MB Re	Analyte	MBAS	Laboratory Co	(LCS) R4061879-2 04/24/24 19:33	Analyte	MBAS	L1728708-01 ((0S) L1728708-01	Analyte	MBAS		

L1728708-01

Wet Chemistry by Method 5540C

QUALITY CONTROL SUMMARY L1728708-01

Wet Chemistry by Method SM 4500-H+B

L1727124-01 Original Sample (OS) · Duplicate (DUP)

WG2276644

	DUP RPD Limits	96	20
	DUP Qualifier		
13:29	DUP RPD	%	0.125
04/29/24	Dilution DUP RPD		-
34063435-2	DUP Result	SU	8.01
24 13:29 · (DUP)	Original Result DUP Result	ns	8.00
(OS) L1727124-01 04/29/24 13:29 • (DUP) R4063435-2 04/29/24 13:29		Analyte	На

Sample Narrative:

OS: 8 at 19.3C

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DUP: 8.01 at 18.9C

L1728706-01 Original Sample (OS) • Duplicate (DUP)

	DUP Qualifier			
13:29	DUP RPD	%	0.111	
04/29/24	Dilution		-	
R4063435-3	DUP Result	Su	8.99	
4 13:29 • (DUP)	Original Result DUP Result	su	00.6	
(OS) L1728706-01 04/29/24 13:29 • (DUP) R4063435-3 04/29/24 13:29		Analyte	Нф	Sample Narrative: OS: 9 at 19C

DUP RPD Limits

20

Laboratory Control Sample (LCS)

DUP: 8.99 at 19C

(LCS) R4063435-1 04/29/24 13:29	4/29/24 13:29				
	Spike Amount LCS Result	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ns	ns	98	%	
Hd	00.9	5.97	99.5	101-0.66	

Sample Narrative: LCS: 5.97 at 22.2C

Holiday Beach WSC ACCOUNT:

SDG:

PROJECT:

11728708

05/10/24 12:34 DATE/TIME:

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										and the same of				- X - X - X - X - X - X	0.0			r RPD		1.29							
														MSD Qualifier				MSD Qualifier									
				-									i dilicito	ialilian o civi	Water Company of the			MS Qualifier									
				And the second						7					Tarable Commission of States												
				And the latter of the latter o									Doc Limits		80.0-120				%	80.0-120							
				-							(0)		Dilution		-	(00		Dilution		-							
				and the part of the same of the same of							icate (MS	0.37	+ 10.32 MSD Rec	%	98.6	icate (MS	4 16:36	MSD Rec.	%	97.2							
								ifier	l		land	172577	12312			Dupl	4/25/2										
				and the state of t				LCS Qualifier		And the second s	x Spike	2520 / 0/	MS Rec.	%	98.6	x Spike	2529-6 0	MS Rec.	%	98.6							
		MB RDL	mg/l	0.100				Rec. Limits	%	80.0-120	S) • Matrix	MSD) BADE	MSD Result	mg/l	4.98	S) • Matrix	(MSD) R406	MSD Result	mg/l	5.41					*		
											e W	6.30	2			e <u>K</u>	16:34	=									
		MB MDL	l/gm	0.0280				LCS Rec.	%	103	trix Spik	04/25/24	It MS Resu	l/gm	4.98	trix Spik	04/25/24	It MS Resu	l/gm	5.48		ž					
		MB Qualifier				(5)		LCS Result	mg/l	5.14	OS) • Mai	1062529-3	Spike Amount Original Result MS Result	mg/l	0.0499	OS) • Ma	4062529-5	Original Result MS Result	mg/l	0.550							
						o (LC					ble (MS) R4	ount			ple ((MS) R	onut	-								
B)	77.51.77	MB Result	l/gm	<0.0280		ol Sample	25/24 16:29	Spike Amount	l/gm	2.00	inal Sam	5/24 16:41 - (1	Spike Am	l/gm	2.00	linal Sam	5/24 16:43 •	Spike Amount	mg/I	2.00							
JK (M	1 04/2					Contri	-2 04/2				Orig	1 04/25				1 Orig	1 04/2		-								
Method Blank (MB)	(MB) R4062529-1 04/25/24 16:27		Analyte	Ammonia Nitrogen		Laboratory Control Sample (LCS)	(LCS) R4062529-2 04/25/24 16:29		Analyte	Ammonia Nitrogen	L1728275-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	(OS) L1728275-01 04/25/24 16:41 (MS) R4062529-3 04/25/24 16:30 (MSD) B4062529 4 04/25/24 16:33		Analyte	Ammonia Nitrogen	L1728279-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	(OS) L1728279-01 04/25/24 16:43 (MS) R4062529-5 04/25/24 16:34 (MSD) R4062529-6 04/25/24 16:36	Ctylead	alyle	Ammonia Nitrogen							
Σ	S		Ank	Am		La	15		Ans	Am		Ő		Ans	Am	7	Ö	. <	Ē.	Am							

L1728708-01

Wet Chemistry by Method SM4500NH3H

PAGE: 31 of 72

DATE/TIME: 05/10/24 12:34

PROJECT:

ACCOUNT: Holiday Beach WSC

WG2274706

Metals (ICP) by Method 200.7

QUALITY CONTROL SUMMARY

Method Blank (MB)

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(MB) K4063203-1 04/2//24 11:33	12/124 11.53			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	l/gm		l/gm	l/gm
Aluminum	<0.0353		0.0353	0.500
Antimony	<0.00242		0.00242	0.0250
Arsenic	<0.00418		0.00418	0.0200
Barium	<0.000490		0.000490	0.0100
Beryllium	<0.000180		0.000180	0.00100
Boron	<0.0186		0.0186	0.100
Cadmium	<0.000350		0.000350	0.00500
Chromium	<0.000710		0.000710	0.00700
Cobalt	<0.000680		0.000680	0.00250
Copper	<0.00364		0.00364	0.0200
Iron	<0.0303		0.0303	0.500
Lead	<0.00312		0.00312	0.0100
Magnesium	<0.0434		0.0434	1.00
Manganese	<0.00557		0.00557	0.0500
Molybdenum	<0.00760		0.00760	0.0300
Nickel	<0.00358		0.00358	0.0100
Selenium	<0.00500		0.00500	0.0200
Silver	<0.000990		0.000990	0.00500
Thallium	<0.00775		0.00775	0.0200
Tin	<0.00240		0.00240	0.0250
Titanium	<0.00835		0.00835	0.100
Zinc	<0.0106		0.0106	0.0250

Laboratory Control Sample (LCS)

LCS) R4063203-2 04/27/24 11:37	04/27/24 11:37				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
nalyte	l/gm	l/gm	%	%	
luminum	10.0	9.95	99.5	85.0-115	
ntimony	1.00	0.984	98.4	85.0-115	
rsenic	1.00	876.0	8.76	85.0-115	
larium	1.00	0.989	6.86	85.0-115	
Beryllium	1.00	0.995	99.5	85.0-115	
oron	1.00	0.951	95.1	85.0-115	
admium	1.00	966.0	9.66	85.0-115	
:hromium	1.00	0.978	8.76	85.0-115	
cobalt	1.00	1.01	101	85.0-115	
Copper	1.00	0.992	99.2	85.0-115	
uo	10.0	10.0	100	85.0-115	

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DATE/TIME: 05/10/24 12:34

L1728708 SDG:

PROJECT:

ACCOUNT: Holidav Beach WSC

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Analyte Spike Amount mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	(LCS) R4063203-2 04/27/24 11:37	04/27/24 11:37	12				
mg/l mg/l % % 1.00 1.01 101 85.0-115 1.00 1.02 102 85.0-115 1.00 1.00 100 85.0-115 1.00 1.00 100 85.0-115 1.00 1.00 1.00 85.0-115 1.00 1.00 1.04 85.0-115 1.00 1.00 1.00 85.0-115 1.00 1.00 1.00 85.0-115 1.00 1.00 1.00 85.0-115 1.00 1.00 1.00 85.0-115 1.00 1.00 1.00 85.0-115		Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
1.00 1.01 101 85.0-15 10.0 10.2 102 85.0-115 1.00 1.00 100 85.0-115 1.00 0.948 94.8 85.0-115 1.00 1.00 100 85.0-115 1.00 1.00 100 85.0-115 0.500 0.475 95.0 85.0-115 1.00 1.00 100 85.0-115 1.00 0.975 97.5 85.0-115 1.00 1.00 100 85.0-115 1.00 1.00 100 85.0-115	Analyte	l/gm	l/gm	%	%		
10.0 10.2 10.2 85.0-15 1.00 1.00 100 85.0-115 1.00 1.00 100 85.0-115 1.00 1.00 100 85.0-115 0.500 0.475 95.0 85.0-115 1.00 1.04 104 85.0-115 1.00 1.00 1.00 85.0-115 1.00 0.975 97.5 85.0-115 1.00 1.00 1.00 85.0-115 1.00 1.00 1.00 85.0-115	Lead	1.00	1.01	101	85.0-115		And the second section of the second section of the second section is a
1.00 1.00 1.00 85.0-15 1.00 0.948 94.8 85.0-115 1.00 1.00 100 85.0-115 1.00 1.00 1.04 104 85.0-115 1.00 1.04 104 85.0-115 1.00 1.00 1.00 85.0-115 1.00 0.975 97.5 85.0-115 1.00 1.00 1.00 85.0-115	Magnesium	10.0	10.2	102	85.0-115		
1.00 0.948 94.8 85.0-15 1.00 1.00 100 85.0-15 1.00 1.00 100 85.0-11 0.500 0.475 95.0 85.0-115 1.00 1.04 104 85.0-115 1.00 1.00 1.00 85.0-115 1.00 1.00 1.00 85.0-115	Manganese	1.00	1.00	100	85.0-115		
1.00 1.00 100 85.0-15 1.00 1.00 1.00 85.0-115 0.500 0.475 95.0 85.0-115 1.00 1.04 1.04 85.0-115 1.00 0.975 97.5 85.0-115 1.00 1.00 100 85.0-115	Molybdenum	1.00	0.948	94.8	85.0-115		
1.00 1.00 100 85.0-15 0.500 0.475 95.0 85.0-115 1.00 1.04 104 85.0-115 1.00 1.00 1.00 97.5 85.0-115 1.00 1.00 1.00 100 85.0-115	Nickel	1.00	1.00	100	85.0-115		
0.500 0.475 95.0 85.0-115 1.00 1.04 104 85.0-115 1.00 1.00 1.00 85.0-115 1.00 1.00 1.00 100 85.0-115	Selenium	1.00	1.00	100	85.0-115		
1.00 1.04 104 85.0-115 1.00 1.00 100 85.0-115 1.00 0.975 97.5 85.0-115 1.00 1.00 100 85.0-115	Silver	0.500	0.475	95.0	85.0-115		
1.00 1.00 100 85.0-115 1.00 0.975 97.5 85.0-115 1.00 1.00 100 85.0-115	Thallium	1.00	1.04	104	85.0-115		
1.00 0.975 97.5 85.0-115 1.00 1.00 100 85.0-115	Tin	1.00	1.00	100	85.0-115		
1.00 1.00 85.0-115	Titanium	1.00	0.975	97.5	85.0-115		
	Zinc	1.00	1.00	100	85.0-115		

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L1728706-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

Anni. 4.	5													
Applicat	•	Spike Amount	Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD I imite	
Analyre	l/gm	l/t	mg/l	mg/l	mg/l	%	3 6		%			. %	96	
Aluminum	10.0	0.	0.273	10.5	10.2	102	7.66	-	70.0-130			222	2 02	
Antimony	1.00	0(<0.00242	1.01	0.993	101	99.3	-	70.0-130			146	000	
Arsenic	1.00	0(<0.00418	1.01	0.993	101	99.3	-	70.0-130			1,60	02 06	
Barium	1.00	00	0.0166	1.02	1.01	100	99.2		70.0-130			0 790	02 02	
Beryllium	1.00	0(<0.000180	1.02	1.00	102	100	-	70.0-130			149	02	
Boron	1.00	0(0.0202	0.990	0.974	0.76	95.4	-	70.0-130			164	20	
Cadmium	1.00	00	<0.000350	1.02	0.995	102	99.5	-	70.0-130			231	02 02	
Chromium	1.00	00	0.00707	1.00	0.984	99.3	7.76		70.0-130			160	20	
Cobalt	1.00	00	<0.000680	1.02	1.00	102	100	-	70.0-130			178	02 02	
Copper	1.00	00	0.00460	1.01	0.987	100	98.2	-	70.0-130			2.14	20 20	
Iron	10.0	0.	0.173	10.3	10.2	102	100	-	70.0-130			166	2 2	
Lead	1.00	00	<0.00312	1.02	0.998	102	8.66	-	70.0-130			181	20 20	
Magnesium	10.0	0.	1.03	11.2	11.0	102	7.66	-	70.0-130			2.07	2 2	
Manganese	1.00	00	0.00929	1.02	1.01	101	8.66		70.0-130			109	02	
Molybdenum	1.00	00	<0.00760	0.982	0.950	98.2	95.0	_	70.0-130			3.26	2 2	
Nickel	1.00	00	<0.00358	1.02	866.0	102	8.66	-	70.0-130			192	200	
Selenium	1.0	1.00	<0.00500	1.03	1.02	103	102		70.0-130			166	2 02	
Silver	0.	0.500	<0.000090	0.483	0.480	2.96	0.96		70.0-130			0.664	20 00	
Thallium	1.00	00	<0.00775	1.05	1.03	105	103	-	70.0-130			182	2 2	
Ţļ.	1.00	00	<0.00240	1.02	1.00	102	100	-	70.0-130			198	200	
Titanium	1.00	0	<0.00835	0.999	0.982	6.66	98.2	-	70.0-130			181	20	
Zinc	1.00	00	0.0134	1.03	1.01	101	99.4	-	70.0-130	*		1.87	20	

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DATE/TIME: 05/10/24 12:34

SDG: L1728708

PROJECT:

ACCOUNT: Holiday Beach WSC

Metals (ICP) by Method 200.7 WG2274706

QUALITY CONTROL SUMMARY

L1728706-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	RPD	9 ₆	0.390	0.446	0.383	0.348	0.349	0.280	0.184	0.394	0.265	0.536	0.396	0.347	0.641	0.553	0.331	0.204	0.393	0.197	0.122	1.09	0.250
	MSD Qualifier																						
	MS Qualifier																						
	Rec. Limits	°,	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130	70.0-130
	Dilution		-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/24 13:53	MSD Rec.	96	8.66	96.3	96.5	96.2	97.5	94.5	97.5	92.6	6.76	97.2	8.86	6.76	98.5	98.2	96.4	7.76	0.66	101	98.3	6.96	98.5
D) R4063393-2 04/29/24 13:53	MS Rec.	96	99.4	7.96	6.96	95.9	97.2	94.3	7.76	95.9	98.2	2'96	98.4	98.3	97.8	98.7	2.96	97.9	99.4	102	98.4	95.8	7.86
9 • (MSD) R406	MSD Result	l/gm	10.3	0.963	0.965	6.979	0.975	0.965	0.975	0.962	0.979	0.972	10.1	0.979	11.0	0.992	0.964	7.20	0.990	1.01	0.983	0.969	666.0
1/29/24 13:49	MS Result	mg/l	10.2	296.0	696.0	0.975	0.972	0.963	7.200	996.0	0.982	296.0	10.1	0.983	10.9	0.998	0.967	0.979	0.994	1.02	0.984	0.958	1.00
34063393-1 04	Original Result MS Result	mg/l	0.296	<0.00242	<0.00418	0.0165	<0.000180	0.0199	<0.000350	0.00668	<0.000680	<0.00364	0.228	<0.00312	1.10	0.0103	<0.00760	<0.00358	<0.00500	<0.00775	<0.00240	<0.00835	0.0137
1/24 13:45 · (MS) I	Spike Amount	l/gm	10.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	10.0	1.00	10.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
(OS) L1728706-02 04/29/24 13:45 • (MS) R4063393-1 04/29/24 13:49 • (MS		Analyte	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Molybdenum	Nickel	Selenium	Thallium	Tin	Titanium	Zinc

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L1728706-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

Analyte mg/l mg/l mg/l mg/l %	RPD RPD Limits	96	0218 20
Spike Amount Original Result MS Result MSD Result MSD Rec. Dilution Rec. Limits mg/l mg/l mg/l mg/l % % % 0.500 <0.000990	MSD Qualifier		0.0
Spike Amount Original Result MS Result MSD Result MSD Rec. MSD Rec. mg/l mg/l mg/l % % 0.500 <0.000990 0.459 91.8 91.8			
Spike Amount Original Result MS Result MSD Result MS Rec. mg/l mg/l mg/l % 0.500 <0.000990	Dilution Rec. Lin	%°	1 70.0-130
Spike Amount Original Result MS Result mg/l mg/l mg/l 0.500 <0.000990	MSD Rec.	%	91.8
Spike Amount Original Result MS Result mg/l mg/l mg/l 0.500 <0.000990	MS Rec.	%	
	MSD Result	l/gm	0.459
	MS Result	∥gm	0.459
	Original Result	l/gm	<0.000990
Analyte Silver	Spike Amount	l/gm	0.500
		Analyte	Silver

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Method Blank (MB)

0.00500 0.00500 0.00500 0.00200 0.00500 0.00500 0.00200 0.00200 0.00200 0.00200 0.00500 0.00200 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 70.0-130 70.0-130 0.00500 0.00500 0.00500 0.00500 0.0100 0.0100 0.0200 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.000596 0.000804 0.000960 0.000401 0.00292 0.00652 0.00544 0.00709 0.00207 0.00276 0.00296 0.00492 0.00372 0.00367 0.00195 0.00419 0.00347 0.00159 0.00212 0.00327 0.00486 0.00219 0.00460 0.00172 0.00173 0.00179 0.00361 0.00113 0.00501 0.0118 MB Qualifier <0.000960 <0.000596 <0.000804 <0.000401 <0.00292 <0.00652 <0.00207 <0.00296 <0.00492 <0.00486 <0.00460 <0.00335 <0.00367 <0.00544 <0.00709 <0.00347 <0.00276 <0.00361 <0.00327 <0.00372 <0.00262 <0.00145 <0.00195 <0.00419 <0.00173 <0.00179 <0.00159 <0.00219 <0.00501 <0.00172 <0.00212 <0.00113 <0.00466 <0.0118 (MB) R4062294-2 04/25/2416:03 103 (S) 4-Bromofluorobenzene (S) Toluene-d8 (S) 1,2-Dichloroethane-d4 trans-1,3-Dichloropropene Total 1,3-Dichloropropene 1,1,2,2-Tetrachloroethane trans-1,2-Dichloroethene 2-Chloroethyl vinyl ether Dibromochloromethane Bromodichloromethane cis-1,3-Dichloropropene cis-1,2-Dichloroethene 1,1,2-Trichloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene Carbon tetrachloride 1,2-Dichlorobenzene 1,2-Dichloropropane 1,1,1-Trichloroethane Methylene Chloride 1,2-Dichloroethane 1,1-Dichloroethane Tetrachloroethene 1,1-Dichloroethene Chloromethane Trichloroethene Bromomethane Chlorobenzene Chloroethane Ethylbenzene Vinyl chloride Bromoform Chloroform Acrylonitrile Acrolein Benzene Toluene

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L1728708 SDG:

PROJECT:

Holiday Beach WSC

ACCOUNT:

DATE/TIME:

05/10/24 12:34

PAGE:

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QUALITY CONTROL SUMMARY

Volatile Organic Compounds (GC/MS) by Method 624.1

Laboratory Control Sample (LCS)

LCS Result LCS Rec. Rec. Limits mg/l % % 0.0203 102 % 0.0203 102 70.0-130 0.0207 104 70.0-130 0.0207 104 70.0-130 0.0196 98.0 60.0-140 0.0212 107 50.0-130 0.0196 98.0 65.0-135 0.0199 95.5 35.0-165 0.0199 95.5 70.0-130 0.0199 95.5 35.0-165 0.0199 95.5 70.0-130 0.0199 95.5 70.0-130 0.0199 95.0 70.0-135 0.0199 95.0 70.0-135 0.0190 95.0 70.0-136 0.0191 99.0 70.0-135 0.0192 99.0 70.0-136 0.0196 99.0 70.0-130 0.0197 99.5 70.0-130 0.0198 98.5 60.0-140 0.0199 99.5	(LCS) K4002234-1 04/23/24						
neg/l mg/l mg/l % 0.0199 0.0203 102 0.0199 0.0203 102 0.0199 0.0207 104 0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0199 0.0196 98.0 0.0199 0.0199 95.5 0.0199 0.0199 95.0 0.0200 0.0184 92.0 0.0200 0.0189 95.0 0.0200 0.0199 95.0 0.0200 0.0197 88.5 0.0198 0.0197 88.5 0.0200 0.0189 95.0 0.0200 0.0189 95.0 0.0200 0.0189 99.5 0.0200 0.0199 99.5 0.0200 0.0199 99.5 0.0200 0.0190 99.5 0.0200 0.0190 99.5		Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
er 0.0200 0.0199 102 0.0199 0.0207 104 0.0200 0.0195 98.0 0.0198 0.0212 107 0.0198 0.0212 107 0.0199 0.0212 107 0.0199 0.0196 98.0 0.0199 0.0196 98.0 0.0199 0.0199 95.5 0.0199 0.0199 95.5 0.0199 0.0199 95.0 0.0200 0.0198 95.0 0.0200 0.0198 95.0 0.0198 0.0197 88.5 0.0198 0.0197 88.5 0.0198 0.0196 99.0 0.0198 0.0196 99.0 0.0200 0.0181 90.5 e 0.0200 0.0189 99.5 e 0.0200 0.0181 90.5 e 0.0200 0.0182 99.5 0.0200 0.0189 99.5 e 0.0200 0.0189 99.6 e 0.0200 0.0188 99.0 e 0.0200 0.0188 99.0 e 0.0200 0.0188 99.0 e 0.0200 0.0188 99.0	Analyte	mg/l	l/gm	%	%		
ne 0.0201 0.0197 98.0 0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0200 0.0199 97.5 0.0199 0.0194 97.5 0.0199 0.0199 95.0 0.0199 0.0199 95.0 0.0200 0.0199 95.0 0.0200 0.0198 95.0 0.0198 0.0198 95.0 0.0198 0.0197 88.5 0.0200 0.0198 99.5 0.0198 0.0198 99.5 e 0.0200 0.0196 99.0 0.0200 0.0198 99.5 e 0.0200 0.0198 99.6 e 0.0200 0.0198 99.0 e 0.0200 0.0198 99.0 e 0.0200 0.0198 99.0 e 0.0200 0.0198 99.0	1,1,1-Trichloroethane	0.0199	0.0203	102	70.0-130		
0.0199 0.0200 104 0.0200 0.0196 98.0 0.0198 0.0212 107 0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0199 0.0194 97.5 0.0199 0.0199 95.0 0.0199 0.0189 95.0 0.0200 0.0184 92.0 0.0200 0.0194 92.0 0.0200 0.0107 102 0.0200 0.0174 88.5 0.0198 0.0174 87.9 0.0200 0.0177 88.5 0.0200 0.0189 95.0 0.0200 0.0189 99.5 0.0200 0.0196 99.5 0.0200 0.0197 99.5 0.0200 0.0198 90.5 0.0200 0.0199 90.0 0.0200 0.0199 90.0 0.0200 0.0180 90.0	1,1,2,2-Tetrachloroethane	0.0201	0.0197	0.86	60.0-140		
0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0200 0.0196 98.0 0.0199 0.0194 97.5 0.0199 0.0194 97.5 0.0199 0.0194 97.5 0.0199 0.0199 95.0 0.0199 0.0184 92.0 0.0200 0.0184 92.0 0.0200 0.0199 99.0 0.0200 0.0177 88.5 0.0198 0.0177 88.5 0.0199 0.0177 88.5 0.0200 0.0189 99.0 0.0200 0.0196 99.0 0.0200 0.0196 99.5 0.0200 0.0197 99.5 0.0200 0.0197 99.5 0.0200 0.0198 99.5 0.0200 0.0198 90.5 0.0200 0.0198 91.0 0.0200 0.0198 99.0 0.0200 0.0198 99.0 <td>1,1,2-Trichloroethane</td> <td>0.0199</td> <td>0.0207</td> <td>104</td> <td>70.0-130</td> <td></td> <td></td>	1,1,2-Trichloroethane	0.0199	0.0207	104	70.0-130		
0.0198 0.0212 107 0.0200 0.0196 98.0 0.0199 0.0194 97.5 0.0199 0.0194 97.5 0.0199 0.0194 97.5 0.0199 0.0199 95.0 0.0199 0.0184 92.0 er 0.100 0.106 106 0.100 0.102 102 0.0200 0.0197 99.0 0.0198 0.0197 99.0 0.0198 0.0177 88.5 0.0200 0.0189 95.0 0.0198 0.0197 99.0 0.0200 0.0189 99.5 0.0200 0.0189 99.5 0.0200 0.0199 99.5 0.0200 0.0199 99.5 0.0200 0.0199 99.5 0.0200 0.0199 99.5 0.0200 0.0199 99.5 0.0200 0.0198 99.0 0.0200 0.0198 99.0	1,1-Dichloroethane	0.0200	0.0196	0.86	70.0-130		
0.0200 0.0196 98.0 0.0199 0.0194 97.5 0.0199 0.0190 95.5 0.0199 0.0189 95.0 0.0200 0.0184 92.0 0.0200 0.0184 92.0 0.0200 0.0184 92.0 0.0200 0.0102 102 0.0200 0.0102 102 0.0200 0.0174 87.9 0.0198 0.0174 87.9 0.0200 0.0174 87.9 0.0198 0.0174 87.9 0.0200 0.0177 88.5 0.0200 0.0177 88.5 0.0200 0.0189 95.0 0.0200 0.0189 99.5 0.0200 0.0181 90.5 0.0201 0.0182 99.5 0.0204 0.0182 99.0 0.0200 0.0182 91.0 0.0200 0.0188 99.0 0.0200 0.0188 99.0	1,1-Dichloroethene	0.0198	0.0212	107	50.0-150		
er 0.0199 0.0194 97.5 0.0199 0.0190 95.5 0.0199 0.0190 95.5 0.0199 0.0184 92.0 0.0200 0.0184 92.0 0.100 0.105 106 0.100 0.102 102 0.0200 0.0204 102 0.0200 0.0177 88.5 0.0198 0.0197 87.9 0.0200 0.0197 87.9 0.0200 0.0198 95.0 0.0200 0.0198 99.5 0.0200 0.0198 99.5 0.0200 0.0198 99.5 0.0200 0.0198 99.5 0.0200 0.0198 99.5 0.0200 0.0198 99.5 0.0200 0.0181 90.5 0.0200 0.0181 90.5 0.0200 0.0182 89.2 0.0200 0.0182 89.2 0.0200 0.0182 89.2 0.0200 0.0182 89.2 0.0200 0.0182 89.2 0.0200 0.0188 98.5 0.0200 0.0188 98.5 0.0200 0.0188 99.6 0.0200 0.0188 99.6 0.0200 0.0188 99.0 0.0200 0.0188 99.0 0.0200 0.0188 99.0 0.0200 0.0188 99.0 0.0200 0.0188 99.0	1,2-Dichlorobenzene	0.0200	0.0196	0.86	65.0-135		
er 0.0199 0.0190 95.5 0.0200 0.0184 95.0 0.0200 0.0184 92.0 0.100 0.105 106 0.100 0.105 106 0.0200 0.0197 119 0.0200 0.0197 88.5 0.0198 0.0177 88.5 0.0198 0.0177 88.5 0.0200 0.0189 95.0 0.0198 0.0177 88.5 0.0200 0.0189 99.5 e 0.0200 0.0180 99.6 e 0.0200 0.0180 99.6 e 0.0200 0.0180 99.6 e 0.0200 0.0188 99.7 e 0.0200 0.0188 99.0	1,2-Dichloroethane	0.0199	0.0194	97.5	70.0-130		
er 0.0099 0.0189 95.0 0.0200 0.0184 92.0 0.100 0.0106 106 0.0100 0.106 106 0.0100 0.105 102 0.0200 0.0197 99.0 0.0198 0.0197 88.5 0.0198 0.0177 88.5 0.0198 0.0177 88.5 0.0200 0.0189 99.0 0.0200 0.0189 99.5 e 0.0200 0.0181 90.5 e 0.0200 0.0189 99.5 e 0.0200 0.0181 90.5 e 0.0200 0.0181 90.5 e 0.0200 0.0182 89.2 o.0200 0.0182 89.2 o.0200 0.0182 89.2 o.0200 0.0182 89.5 o.0200 0.0182 89.5 o.0200 0.0188 98.5 o.0200 0.0188 98.5 o.0200 0.0188 98.5 o.0200 0.0188 98.5 o.0200 0.0188 99.6 o.0200 0.0188 99.6 o.0200 0.0188 99.6 o.0200 0.0188 99.0 o.0200 0.0188 99.0 o.0200 0.0188 99.0 o.0200 0.0188 99.0	1,2-Dichloropropane	0.0199	0.0190	95.5	35.0-165		
er 0.0200 0.0184 92.0 er 0.100 0.106 106 0.100 0.106 106 0.100 0.119 119 0.0200 0.0204 102 0.0200 0.0197 99.0 0.0198 0.0197 88.5 0.0198 0.0177 88.5 0.0200 0.0177 88.5 0.0200 0.0189 99.0 e 0.0200 0.0189 99.5 e 0.0200 0.0181 90.5 e 0.0200 0.0182 99.5 e 0.0200 0.0182 99.5 e 0.0200 0.0182 99.6 e 0.0200 0.0182 99.0 e 0.0200 0.0188 94.5 e 0.0200 0.0188 99.0	1,3-Dichlorobenzene	0.0199	0.0189	95.0	70.0-130		
er 0.100 0.106 106 106 106 100 0.100 0.119 119 119 119 119 119 119 119 119 119	1,4-Dichlorobenzene	0.0200	0.0184	92.0	65.0-135		
e 0.000 0.119 119 119 0.000 0.100 0.100 0.102 102 0.00204 0.00204 0.00204 0.00204 0.00204 0.00204 0.00200 0.00204 0.00200 0.00198 0.00194 87.9 0.00200 0.00198 0.00201 102 0.00200 0.00198 0.00201 102 0.00200 0.00198 0.00201 0.00200 0.00192	2-Chloroethyl vinyl ether	0.100	0.106	106	1.00-225		
e 0.0200 0.002 102 102 0.00200 0.00204 102 0.00200 0.00204 102 0.00199 0.00199 99.0 0.00198 0.00199 99.0 0.00198 0.00199 99.5 0.00198 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.5 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.0 0.00200 0.00199 99.7	Acrolein	0.100	0.119	119	64.0-139		
e 0.0200 0.0204 102 e 0.0199 0.0197 99.0 e 0.0198 0.0174 87.9 e 0.0200 0.0177 88.5 e 0.0200 0.0189 95.0 e 0.0200 0.0189 99.5 e 0.0200 0.0181 90.5 e 0.0200 0.0182 89.2 e 0.0200 0.0182 89.2 e 0.0200 0.0182 99.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0188 94.5	Acrylonitrile	0.100	0.102	102	67.0-136		
e 0.0199 0.0197 99.0 0.0198 0.0174 87.9 0.0200 0.0177 88.5 0.0198 0.0201 102 0.0200 0.0204 102 0.0200 0.0196 99.0 0.0200 0.0199 99.5 e 0.0200 0.0199 99.5 e 0.0200 0.0181 90.5 e 0.0200 0.0182 99.7 e 0.0200 0.0182 99.0 e 0.0200 0.0188 99.0 e 0.0200 0.0188 99.0 e 0.0200 0.0188 99.0	Benzene	0.0200	0.0204	102	65.0-135		
0.0198 0.0174 87.9 0.0200 0.0777 88.5 0.0199 0.0189 95.0 0.0198 0.0201 102 0.0200 0.0204 102 0.0200 0.0196 99.0 0.0200 0.0127 63.5 e 0.0200 0.0181 90.5 e 0.0200 0.0181 90.5 e 0.0200 0.0181 90.5 e 0.0200 0.0182 99.5 0.0204 0.0182 99.5 ne 0.0200 0.0200 100 en 0.0200 0.0182 91.0 en 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0188 90.0 ne-d4 100 94.7	Bromodichloromethane	0.0199	0.0197	0.66	65.0-135		
0.0200 0.0177 88.5 0.0199 0.0189 95.0 0.0198 0.0201 102 0.0200 0.0204 102 0.0200 0.0196 99.0 0.0200 0.0127 63.5 e 0.0200 0.0181 99.5 e 0.0200 0.0181 99.5 e 0.0200 0.0181 99.5 e 0.0201 0.0182 98.5 0.0204 0.0182 98.5 0.0209 0.0200 100 0.0200 0.0339 84.5 ne 0.0200 0.0182 91.0 ne-d4 0.0200 0.0188 90.0 nzene 0.0200 0.0188 90.0 nzene 0.0200 0.0188 90.0	Вготобогт	0.0198	0.0174	87.9	70.0-130		
e 0.0199 0.0189 95.0 0.0200 0.0204 102 0.0198 0.0204 102 0.0200 0.0196 99.0 0.0200 0.0197 63.5 e 0.0200 0.0181 90.5 e 0.0200 0.0181 90.5 e 0.0204 0.0197 99.5 e 0.0204 0.0198 98.5 o.0204 0.0198 98.5 o.0204 0.0182 89.2 o.0200 0.0200 100 o.0200 0.0182 84.5 e 0.0200 0.0182 89.2 o.0200 0.0182 84.5 o.0200 0.0182 91.0 o.0200 0.0182 91.0 o.0200 0.0188 99.0 o.0200 0.0188 99.0 o.0200 0.0188 99.0 o.0200 0.0188 99.0	Bromomethane	0.0200	0.0177	88.5	15.0-185		
e 0.0198 0.0201 102 0.0200 0.0204 102 0.0198 0.0196 99.0 0.0200 0.0197 63.5 e 0.0200 0.0181 90.5 e 0.0200 0.0181 90.5 e 0.0201 0.0198 99.5 e 0.0204 0.0198 99.5 e 0.0204 0.0198 98.5 e 0.0204 0.0198 98.5 e 0.0204 0.0198 99.5 e 0.0204 0.0198 99.5 e 0.0200 0.0211 106 e 0.0200 0.0211 106 e 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0188 94.5 e-d4 e-d4 e-d4	Carbon tetrachloride	0.0199	0.0189	95.0	70.0-130		
0.0200 0.0204 102 0.0198 0.0196 99.0 0.0200 0.0127 63.5 e 0.0200 0.0181 99.5 e 0.0200 0.0187 99.5 e 0.0200 0.0187 99.5 e 0.0201 0.0198 98.5 e 0.0204 0.0182 89.2 0.0204 0.0182 89.2 ne 0.0401 0.0339 84.5 ne 0.0200 0.0182 91.0 ne 0.0201 0.0182 91.0 ne-d4 0.0200 0.0180 90.0 nzene 0.0200 0.0180 90.0	Chlorobenzene	0.0198	0.0201	102	65.0-135		
e 0.0200 0.0197 63.5 e 0.0200 0.0127 63.5 e 0.0200 0.0181 90.5 e 0.0200 0.0181 90.5 e 0.0204 0.0198 98.5 0.0204 0.0182 89.2 0.0204 0.0182 89.2 o.0200 0.0211 106 0.0200 0.0211 106 o.0200 0.0182 84.5 e 0.0200 0.0182 91.0 ene 0.0201 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0188 94.5 ene 0.0200 0.0182 91.0 ene 0.0200 0.0188 94.5 ene 0.0200 0.0188 94.5 ene 0.0200 0.0188 94.5 ene 0.0200 0.0188 94.5 ene 0.0200 0.0188 94.0	Chloroethane	0.0200	0.0204	102	40.0-160		
e 0.0200 0.0127 63.5 e 0.0200 0.0199 99.5 e 0.0200 0.0181 90.5 e 0.0200 0.0181 90.5 e 0.0204 0.0182 98.5 0.0204 0.0201 106 0.0200 0.0211 106 0.0200 0.0210 100 ene 0.0201 0.0339 84.5 e 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0188 94.5 ene 0.0200 0.0182 91.0 ene-d4 100	Chloroform	0.0198	0.0196	0.66	70.0-135		
e 0.0200 0.0199 99.5 e 0.0200 0.0181 90.5 e 0.0198 0.0197 99.5 0.0201 0.0198 98.5 0.0204 0.0182 89.2 0.0209 0.0211 106 0.0200 0.0200 100 ene 0.0200 0.0182 91.0 ene 0.0200 0.0182 91.0 ene 0.0200 0.0188 99.0 ene 0.0200 0.0188 99.0 ene 0.0200 0.0188 99.0 ene 0.0200 0.0188 99.0 ene-d4 100	Chloromethane	0.0200	0.0127	63.5	1.00-205		
0.0200 0.0181 90.5 0.0198 0.0197 99.5 0.0204 0.0198 98.5 0.0204 0.0182 89.2 0.0199 0.0211 106 0.0200 0.0200 100 1e 0.0401 0.0339 84.5 1e 0.0200 0.0182 91.0 1e 0.0201 0.0158 78.6 0.0200 0.0198 99.0 0.0200 0.0180 99.0 0.0200 0.0180 99.0	cis-1,2-Dichloroethene	0.0200	0.0199	99.5	70.0-130		
0.0198 0.0197 99.5 0.0201 0.0198 98.5 0.0204 0.0182 89.2 0.0199 0.0211 106 0.0200 0.0200 100 0.0200 0.0182 91.0 0.0200 0.0188 78.6 0.0200 0.0198 99.0 0.0200 0.0198 99.0	cis-1,3-Dichloropropene	0.0200	0.0181	90.5	25.0-175		
0.0201 0.0198 98.5 0.0204 0.0182 89.2 0.0199 0.0211 106 0.0200 0.0200 100 0.0200 0.0182 84.5 0.0200 0.0182 91.0 0.0200 0.0188 78.6 0.0200 0.0188 99.0 0.0200 0.0180 99.0 0.0200 0.0180 99.0	Dibromochloromethane	0.0198	0.0197	99.5	70.0-135		
0.0204 0.0182 89.2 0.0199 0.0211 106 0.0200 0.0200 100 0.0200 0.0182 91.0 0.0200 0.0182 78.6 0.0200 0.0198 99.0 0.0200 0.0180 99.0 0.0200 0.0180 99.0	Ethylbenzene	0.0201	0.0198	98.5	60.0-140		
0.0199 0.0211 106 0.0200 0.0200 100 0.0200 0.0339 84.5 0.0200 0.0182 91.0 0.0200 0.0158 78.6 0.0200 0.0198 99.0 0.0200 0.0180 90.0 d4 100	Methylene Chloride	0.0204	0.0182	89.2	60.0-140		
0.0200 0.0200 100 0.0401 0.0339 84.5 0.0200 0.0182 91.0 0.0200 0.0158 78.6 0.0200 0.0198 99.0 0.0200 0.0180 90.0 d4 100	Tetrachloroethene	0.0199	0.0211	106	70.0-130		
a 0.0401 0.0339 84.5 0.0200 0.0182 91.0 a 0.0201 0.0158 78.6 0.0200 0.0180 99.0 d4 100	Toluene	0.0200	0.0200	100	70.0-130		
0.0200 0.0182 91.0 0.0201 0.0158 78.6 0.0200 0.0198 99.0 0.0200 0.0180 90.0 d4 100	Total 1,3-Dichloropropene	0.0401	0.0339	84.5	70.0-130		
e 0.0201 0.0158 78.6 e 0.0200 0.0198 99.0 o.0200 0.0180 90.0 proethane-d4 100	trans-1,2-Dichloroethene	0.0200	0.0182	91.0	70.0-130		
e 0.0200 0.0198 99.0 0.0200 0.0200 0.0180 90.0 0.0200 0.0180 90.0 100 1000 1000 1000 1000 1000 1000	trans-1,3-Dichloropropene	0.0201	0.0158	78.6	50.0-150		
0.0200 0.0180 90.0 aroethane-d4 100 100	Trichloroethene	0.0200	0.0198	0.66	65.0-135		
94.7	Vinyl chloride	0.0200	0.0180	0.06	5.00-195		
94.7	(S) 1,2-Dichloroethane-d4			001	70.0-130		
	(S) 4-Bromofluorobenzene			94.7	70.0-130		

> ACCOUNT: Holiday Beach WSC

DATE/TIME: 05/10/24 12:34

SDG: L1728708

PROJECT:

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S

Sr

G

V

Ss

L1728355-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

Applications of the protection of the prote	(00) E17 20000-04 0-1/20/24 10.02 • (MIS) K4062294-3 04/25/24 1/:16 • (MSD)	(CIVI) • 20.01 +210	K4002234-5 (J4/23/24 17.10		R4062294-4 04/25/24 17:41	5/24 17:41							
mg/1 mg/1 <th< th=""><th></th><th>Spike Amount</th><th></th><th>MS Result</th><th>MSD Result</th><th>MS Rec.</th><th>MSD Rec.</th><th>Dilution</th><th></th><th>MS Qualifier</th><th>MSD Qualifier</th><th>Coo</th><th>of million</th><th></th></th<>		Spike Amount		MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution		MS Qualifier	MSD Qualifier	Coo	of million	
One Dept (2009) - A000355 0,0259 - 0,0299 - 0,0299 - 0,0299 - 0,0209 - 0,0299	Analyte	l/gm	mg/l	l/gm	mg/l	%	%				in a deline	۶ ۶ ت	KPD LIMITS	
International Plant Control Co	1,1,1-Trichloroethane	0.0199	<0.00335	0.0216	0.0208	109	105	1	52 0 162	The state of the s	The second secon	2	90	The second secon
Ucopy 40045 0.0224 <td>1,1,2,2-Tetrachloroethane</td> <td>0.0201</td> <td><0.000596</td> <td>0.0213</td> <td>0.0209</td> <td>106</td> <td>104</td> <td></td> <td>J2.0-162</td> <td></td> <td></td> <td>3.77</td> <td>36</td> <td></td>	1,1,2,2-Tetrachloroethane	0.0201	<0.000596	0.0213	0.0209	106	104		J2.0-162			3.77	36	
Outbalene 0.12000 4,000223 0.02024 100 365 4,00023 4,000 Outbalene 0.12000 4,000328 0.02024 100 13 1 100 230 4,00 Outbalene 0.01993 4,00035 0.02026 0.02026 100 13 1 100 23 6,05 Outbalene 0.01993 4,000793 0.02026 0.02026 100 10 23 4,00 Outbalenee 0.01993 4,000793 0.0203 0.0203 10 10 10 2,00 4,00	1,1,2-Trichloroethane	0.0199	<0.00145	0.0221	0.0213	1	107	-	52.0.150			06.1	el :	
Original 0.0788 4.00287 0.0224 1.00 4.00 Confinemen 0.0789 4.00287 0.0224 1.00 4.00 3.5 Confinemen 0.0789 4.00787 0.026 0.02	1,1-Dichloroethane	0.0200	<0.00292	0.0207	0.0197	104	98.5		59 0-155			3.69	45	
Controller on CO.000 CO.0001 CO.0005 CO.0005 <td>1,1-Dichloroethene</td> <td>0.0198</td> <td><0.00367</td> <td>0.0238</td> <td>0.0224</td> <td>120</td> <td>133</td> <td></td> <td>100.234</td> <td></td> <td></td> <td>6.93</td> <td>40</td> <td></td>	1,1-Dichloroethene	0.0198	<0.00367	0.0238	0.0224	120	133		100.234			6.93	40	
Conditional Colligies Colligies <td>1,2-Dichlorobenzene</td> <td>0.0200</td> <td><0.00172</td> <td>0.0212</td> <td>0.0205</td> <td>106</td> <td>103</td> <td></td> <td>18 0-190</td> <td></td> <td></td> <td>90.0</td> <td>37</td> <td></td>	1,2-Dichlorobenzene	0.0200	<0.00172	0.0212	0.0205	106	103		18 0-190			90.0	37	
Orbitation propriation 0.0199 -0.000904 0.0200 0.020 0.00054 0.020 0.020 0.00054 0.020 0.020 0.00054 0.020 0.020 0.00054 0.020 0.00054 0.020 0.00054 0.020 0.00054	1,2-Dichloroethane	0.0199	<0.00195	0.0206	0.0196	104	98.5		49 0-155			000	2/	
Objective O.1099 O.10449 O.2277 O.6207 O.6	1,2-Dichloropropane	0.0199	<0.000804	0.0209	0.0200	105	101		100-210			4.98	49	
OLOSOO 4,00073 O.0271 O.0271 O.0270	1,3-Dichlorobenzene	0.0199	<0.00419	0.0217	0.0207	109	104	-	59.0-156			04.40	22	
Infly 400 Colored Colo	1,4-Dichlorobenzene	0.0200	<0.00173	0.0211	0.0201	105	101		18 0-190			7/14	£ L	
1,000	2-Chloroethyl vinyl ether	0.100	<0.00652	0.0333	0.0335	33.3	33.5	-	1.00-305			4.00) F	
In the color Color	Acrolein	0.100	<0.00544	0.0657	0.0615	65.7	61.5	1	4 00-172			660.0	- %	
Monomethane 0,0200 <-0,00207 0,027 0,0200 <-0,00207 0,024 108 108 10 37,0-151 0,402 In Indomethane 0,0198 0,00362 0,0394 108 105 1 35,0-155 2,02 In Indomethane 0,0098 0,00036 0,0172 10,7 18,0 86 1 15,0-180 2,02 Intane 0,039 -0,00159 0,0278 0,0278 0,0278 10,7 10 10,0-140 17,0 Intene 0,0198 -0,00026 0,0278 10,028 10 10,0-140	Acrylonitrile	0.100	<0.00709	9060.0	0.0937	90.6	93.7	-	22 0-189			2.26	70	
1,000,000,000,000,000,000,000,000,000,0	Benzene	0.0200	<0.00207	0.0217	0.0216	109	108		37 0-151			0.30	07	
mm 0.0198 4.0000960 0.0199 </td <td>Bromodichloromethane</td> <td>0.0199</td> <td>0.00852</td> <td>0.0300</td> <td>0.0294</td> <td>108</td> <td>105</td> <td>-</td> <td>35.0-155</td> <td></td> <td></td> <td>204.0</td> <td>- O</td> <td></td>	Bromodichloromethane	0.0199	0.00852	0.0300	0.0294	108	105	-	35.0-155			204.0	- O	
Hallenie 0.0200 4,000347 0.0156 0.0172 78.0 86.0 1 15.0-185 9.76 Attachloridide 0.0199 -0.00199 0.0201 0.0273 107 107 1 70.0-440 0.0471 Attache 0.0198 -0.00159 0.0274 0.0278 112 104 1 70.0-140 0.0471 Attache 0.0200 -0.00249 0.0274 0.0274 0.0274 112 104 230 4.69 Attache 0.0200 -0.00249 0.0493 0.0494 114 106-230 1.00-237 1.40-230 0.41 Attache 0.0200 -0.00490 0.0493 0.0494 115 1.00-237 1.40-230 1	Bromoform	0.0198	<0.000960	0.0190	0.0187	0.96	94.4	1	70 0-130			150	30	
stratelloride 0.0199 -0.00156 0.0213 107 107 1 70.0-440 0.471 stratelloride 0.0188 -0.00276 0.0228 10.028 10.0 14 70.0-440 0.471 traine 0.0200 -0.00276 0.0224 0.0208 11 140.230 4.69 sthate 0.0200 -0.00361 0.0433 0.0443 0.0441 7.15 10.273 1.41 sthate 0.0200 -0.00361 0.0493 0.0491 0.0491 10.42 1.00-273 1.44 chloriderlene 0.0200 -0.00492 0.0489 94.0 94.5 1 7.0-430 9.22 chloriderlene 0.0200 -0.00492 0.0488 0.0489 94.0 94.5 1 7.0-430 9.22 chloriderlene 0.0200 -0.00486 0.0218 0.0218 1.00 2.2 1 1.00-237 1.00 2.80 stene 0.0200 0.00486 0.0239 0.022	Bromomethane	0.0200	<0.00347	0.0156	0.0172	78.0	86.0	-	15.0-185			97.0	74	
Title of 0.0198 -0.002076 0.0208 10.0208 110 105 1 37.0-160 4.65 Traine 0.0200 -0.00236 0.0224 0.0208 112 104 1 140-230 4.65 Traine 0.0200 -0.00236 0.0523 0.0673 0.0673 1 1.00-273 1.44 Traine 0.0200 -0.00361 0.0443 0.0441 17.5 7.0.5 1 7.0-130 3.29 Trainconethene 0.0200 -0.00492 0.0489 9.0 4.5 1 7.0-130 9.62 Chloridene 0.0200 -0.00492 0.0188 9.0 4.5 1 7.0-130 9.62 Chloridene 0.0200 -0.00492 0.0188 9.1 1 7.0-130 9.82 Chloridene 0.0200 -0.00486 0.0229 1.02 1 1.00-227 1.00 2.80 Chloridene 0.0200 -0.0239 0.0218 1.02 1 1.00-227<	Carbon tetrachloride	0.0199	<0.00159	0.0212	0.0213	107	107	1	70.0-140			07.0	0	
time 0,0200 <0,00296 0,0224 0,0208 112 104 1 10,0230 741 time 0,0198 0,0453 0,0679 0,0657 114 103 1 510-138 741 time 0,0198 0,0453 0,0679 0,0679 104 71.5 70.5 1 100-273 741 chloropropere 0,0200 <0,0043 0,0188 0,0188 0,0188 109 94.5 1 700-130 96.5 chloropropere 0,0200 <0,00491 0,0289 0,0188 94.0 94.5 1 700-237 141 chloropropere 0,0204 <0,00491 0,0219 0,0219 1 700-227 1 140-230 chloriducelhene 0,0204 <0,00490 0,0219 0,0219 0,0219 1 1 1 1 chloriducelhene 0,0204 <0,00480 0,0239 0,0236 1 1 1 1 1 <t< td=""><td>Chlorobenzene</td><td>0.0198</td><td><0.00276</td><td>0.0218</td><td>0.0208</td><td>110</td><td>105</td><td>-</td><td>37.0-160</td><td></td><td></td><td>1.471</td><td>1 5</td><td></td></t<>	Chlorobenzene	0.0198	<0.00276	0.0218	0.0208	110	105	-	37.0-160			1.471	1 5	
mm 0.098 0.0453 0.0657 114 103 1.00-273 3.29 sthane 0.0200 <0.00361 0.043 0.044 715 705 1 1.00-273 141 chloroethene 0.0200 <0.00492 0.048 0.049 94.0 94.5 1 1.00-273 141 chloropropene 0.0200 <0.00492 0.078 0.018 0.021 111 122 1 1.00-273 141 chloropropene 0.0204 <0.0084 0.0221 111 112 1.00-221 1.00 chloridee 0.0204 <0.0084 0.021 111 112 1.00-221 1.01 chloridee 0.0204 <0.0078 0.021 112 1.00-221 0.039 0.022 1.00 1.00 0.039 0.022 1.00 0.022 0.039 0.022 1.00 0.022 0.022 1.00 0.022 1.00 0.022 0.022 1.00 0.022 1.00 0.	Chloroethane	0.0200	<0.00296	0.0224	0.0208	112	104	•	14 0-230			50.5	? F	
thinocethene	Chloroform	0.0198	0.0453	0.0679	0.0657	114	103	-	51.0-138			3.20	70	
Chloroethene 0.0200 <0.00133 0.0188 109 99.0 1 700-130 9.62 Chloroptropene 0.0200 <0.00492 0.0188 0.0189 94.0 94.5 1 700-130 9.62 Chloroptropene 0.0204 <0.00327 0.0219 0.0221 111 112 1 100-221 0.530 stele 0.0204 <0.0186 0.0218 0.0218 0.0219 0.0224 1 37.0-162 0.390 chloridethene 0.0204 <0.0188 0.0226 120 114 1 64.0-188 1.07 2.80 Olchloroptropene 0.0496 0.0226 0.0266 172 172 178 1 24.0-186 5.59 Dichloroptropene 0.0200 <0.0226 0.0232 0.0193 102 96.5 1 7.0-183 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1.70 </td <td>Chloromethane</td> <td>0.0200</td> <td><0.00361</td> <td>0.0143</td> <td>0.0141</td> <td>71.5</td> <td>70.5</td> <td></td> <td>100-273</td> <td></td> <td></td> <td>1.41</td> <td>+ 6</td> <td></td>	Chloromethane	0.0200	<0.00361	0.0143	0.0141	71.5	70.5		100-273			1.41	+ 6	
Chloriopropene 0.0200 <0.00492 0.0188 94.0 94.5 1 1.00-227 0.531 chloromethane 0.0188 <0.0021 111 112 1 53.0-48 0.531 sene 0.0204 <0.0186 0.0211 108 105 1 53.0-48 0.999 sene 0.0204 <0.0186 0.0218 91.2 92.2 1 100-231 0.999 se Chloride 0.0204 <0.0186 0.0226 120 144 1 64.0-48 9.99 se Chloride 0.0204 0.0239 0.0226 120 144 1 64.0-48 9.99 Dichloroptopene 0.0401 <0.0239 0.0216 172 108 1 70.0-130 9.84 Dichloroptopene 0.0200 <0.00501 0.0164 0.0166 81.6 82.6 1 70.0-18 9.4 Dichloroptopene 0.0200 <0.00460 0.0164 0.0166 10.02 1 70.0-18	cis-1,2-Dichloroethene	0.0200	<0.00113	0.0218	0.0198	109	99.0	-	70.0-130			14.1 0.6.2	20	
Filt of momental and body of the condition of the c	cis-1,3-Dichloropropene	0.0200	<0.00492	0.0188	0.0189	94.0	94.5		1.00-227			0.02	07	
cene 0.0201 <0.0204 <0.0204 0.0218 0.021 108 105 1 37.0-162 2.80 e Chloride 0.0204 <0.0186	Dibromochloromethane	0.0198	<0.00327	0.0219	0.0221	111	112	-	53.0-149			606.0	50	
e Chloride 0.0204 < 0.0186 0.0186 0.0186 0.0186 0.0226 120 144 1 1.00-221 1.07 roethene 0.0199 < 0.002486	Ethylbenzene	0.0201	<0.000401	0.0217	0.0211	108	105		37.0-162			2.80	63	
roethene 0.0199 <0.02486 0.0226 120 114 1 64.0-148 5.59 Dichloropropene 0.0200 <0.00219	Methylene Chloride	0.0204	<0.0118	0.0186	0.0188	91.2	92.2	-	1.00-221			107	3 %	
0.0200 <0.00219 0.0223 0.0216 112 108 1 47.0-150 3.19 Dichloropropene 0.0401 <0.00372	letrachloroethene	0.0199	<0.00486	0.0239	0.0226	120	114	1	64.0-148			5.59	3 62	
oropropoene 0.0401 <0.0352 0.0355 87.8 88.5 1 70.0-130 0.0849 oropropene 0.0200 <0.00561 0.0164 0.0166 81.6 82.6 1 70.0-153 0.0849 oropropene 0.0200 <0.00460 0.0164 0.0166 81.6 82.6 1 70.0-157 0.477 ne 0.0200 <0.02046 0.0189 0.0180 96.5 90.0 1 1.00-251 6.97 oroethane-d4 96.9 94.5 70.0-130 70.0-130 6.97 d8	Toluene	0.0200	<0.00219	0.0223	0.0216	112	108	-	47.0-150			3.19	41	
oroptoplene 0.0200 <0.0204 0.0193 102 96.5 1 54.0-156 5.05 oropropene 0.0201 <0.00460	Total 1,3-Dichloropropene	0.0401	<0.00372	0.0352	0.0355	87.8	88.5	-	70.0-130			0.849	02	
oropropene 0.0201 <0.00460 0.0164 0.0166 81.6 82.6 1 17.0-183 1.21 ne 0.0200 <0.0210	trans-1,2-Dichloroethene	0.0200	<0.00501	0.0203	0.0193	102	96.5	-	54.0-156			5.05	25	
Te 0.0200 <0.00262 0.0210 0.0209 105 105 1 70.0-157 0.477 0.477 0.0477 0.0477 0.0200 0.0200 <0.00466 0.0193 0.0180 96.5 90.0 1 1.00-251 6.97 6.97 0.00460 0.0193 0.0180 96.5 90.0 1 1.00-251 6.97 96.9 94.5 70.0-130 95.8 70.0-130 99.7 99.4 70.0-130	trans-1,3-Dichloropropene	0.0201	<0.00460	0.0164	0.0166	81.6	82.6	1	17.0-183			131	S+ 98	
0.0200 <0.0193 0.0180 96.5 90.0 1 1.00-251 6.97 oroethane-d4 96.9 94.5 70.0-130 70.0-130 fluorobenzene 93.3 92.8 70.0-130 d8 99.7 99.4 70.0-130	lrichloroethene	0.0200	<0.00262	0.0210	0.0209	105	105	-	70.0-157			0.477	48	
96.9 94.5 70.0-130 93.3 92.8 70.0-130 99.7 99.4 70.0-130	Vinyl chloride	0.0200	<0.00466	0.0193	0.0180	96.5	0.06	-	1.00-251			6 97	2 99	
93.3 92.8 99.7 99.4	(S) 1,2-Dichloroethane-d4					6.96	94.5		70.0-130				3	
99.7	(S) 4-Bromofluorobenzene					93.3	92.8		70.0-130					
	(S) Toluene-d8					2.66	99.4		70.0-130					

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ACCOUNT: Holiday Beach WSC

PROJECT:

SDG: L1728708

05/10/24 12:34 DATE/TIME:

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WG2275763

Pesticides (GC) by Method EPA 608.3

Method Blank (MB)

QUALITY CONTROL SUMMARY

(MB) K4064316-1 04/26/24 13.13	20.21					
	MB Result	MB Qualifier	MB MDL	MB RDL		
Analyte	l/gm		∥/gш	mg/l		The second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the second section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section
Aldrin	<0.0000198		0.0000198	0.0000500		
Alpha BHC	<0.0000172		0.0000172	0.0000500		
Beta BHC	<0.0000208		0.0000208	0.0000500		
Delta BHC	<0.0000150		0.0000150	0.0000500		
Gamma BHC	<0.0000209		0.0000209	0.0000500		
Chlordane	<0.0000198		0.0000198	0.00500		
4,4-DDD	<0.0000177		0.0000177	0.0000500		
4,4-DDE	<0.0000154		0.0000154	0.0000500		
4,4-DDT	<0.0000198		0.0000198	0.0000500		
Dieldrin	<0.0000162		0.0000162	0.0000500		
Endosulfan I	<0.00000160		0.0000160	0.0000500		
Endosulfan II	<0.0000164		0.0000164	0.0000500		
Endosulfan sulfate	<0.0000217		0.0000217	0.0000500		
Endrin	<0.0000161		0.0000161	0.0000500		
Endrin aldehyde	<0.0000237		0.0000237	0.0000500		
Endrin ketone	<0.0000219		0.0000219	0.0000500		
Heptachlor	<0.0000148		0.0000148	0.0000500		
Heptachlor epoxide	<0.0000183		0.0000183	0.0000500		
Hexachlorobenzene	<0.0000176		0.0000176	0.0000500		
Methoxychlor	<0.0000193		0.0000193	0.0000500		
Toxaphene	<0.000168		0.000168	0.000500		
gamma-Chlordane	<0.0000137		0.0000137	0.0000500		
alpha-Chlordane	<0.0000149		0.0000149	0.0000500		

Laboratory Control Sample (LCS)

10.0-144 10.0-135

36.1

(S) Tetrachloro-m-xylene (S) Decachlorobiphenyl

38 of 72

05/10/24 12:34 DATE/TIME:

L1728708

PROJECT:

Holiday Beach WSC ACCOUNT:

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Method
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Pesticides
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L1728708-01

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	Spike Amount LCS Result	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier					
Analyte	l/gm	mg/l	%	%						
Dieldrin	0.00100	0.000840	84.0	36.0-146	with Paragram 1 laws in the defent recovery that the labeled in the first terminal transfers of the section of	entrangement court in account of period of period of a court	Name of the Associated Spinster, and the Spinster, or other Desiration of the Desirat	 and the second s	The second section of the second section secti	-
Endosulfan I		0.000828	82.8	45.0-153						
Endosulfan II	0.00100	0.000829	82.9	1.00-202						
Endosulfan sulfate		0.000815	81.5	26.0-144						
Endrin	0.00100	0.000837	83.7	30.0-147						
Endrin aldehyde	0.00100	0.000741	74.1	56.0-128						
Endrin ketone	0.00100	0.00000.0	80.0	54.0-142						
Heptachlor	0.00100	0.000763	76.3	34.0-140						
Heptachlor epoxide	0.00100	0.000814	81.4	37.0-142						
Hexachlorobenzene		0.000706	70.6	35.0-120						
Methoxychlor		0.000761	76.1	44.0-160						
gamma-Chlordane	0.00100	0.000796	9.62	45.0-140						
alpha-Chlordane	0.00100	0.000768	76.8	45.0-140						
(S) Decachlorobiphenyl			29.0							
(S) Tetrachloro-m-xylene			70.0	135						

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L1728464-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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Analyte Spike Amount Original Result MSD	(CO) 21/20404-01 04/20/24 13:40 (MS) K4084318-6 04/28/24 15:50 (MSD) K4084318-7 04/28/24 15:59	ZOZ 4 13.40 • (IVIS)	K4004316-6 04	4/28/24 15:50	• (MSD) R4064	1316-7 04/28	3/24 15:59								
mg/l g/l g/l g/l C 0.00000 <0.0000098 0.0000248 0.0000248 0.0000258 3.18 28.5 1 77.0-440 16 3.76 C 0.00100 <0.0000072 0.000028 0.000023 2.0000228 3.70 42.5 1 77.0-440 16 13.8 C 0.00100 <0.0000029 0.000023 0.000032 2.0000032 2.000032 2.000032 2.000032		Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD	Limite	
C 0,00000 <0,00000198	Analyte	l/gm	l/gm	mg/l	l/gm	%	%		%			. %	96	3	
C 0,00100 <0,0000072 0,000038 0,000285 31.8 28.5 1 37,0440 15 10 C 0,00100 <0,0000208	Aldrin	0.00100	<0.0000198	0.0000406	0.0000391	4.06	3.91	-	42.0-140	JG	<u>5</u>	3.76	s K		
C 0.00000 <0.0000208 0.000321 29.8 32.1 1 17.0-147 3.8 C 0.00100 <0.0000209 0.000321 29.8 32.1 1 17.0-147 3.8 HC 0.00100 <0.0000209 0.000323 30.7 34.3 1 19.0-140 36.7 143 HC 0.00100 <0.0000077 0.0000829 0.0000825 6.97 8.25 1 31.0-141 36.7 16.8 0.00100 <0.0000077 0.0000829 0.0000826 6.29 5.76 1 31.0-141 36.7 16.8 0.00100 <0.000071 0.0000824 0.0000824 5.44 5.24 1 25.0-160 36. 3.75 0.00100 <0.000010 <0.000012 0.000012 0.000012 3.24 1 45.0-143 36.7 3.75 null <0.00100 <0.000012 0.000012 0.00012 3.00014 3.24 1 45.0-14 36.7 3.25 </td <td>Alpha BHC</td> <td>0.00100</td> <td><0.0000172</td> <td>0.000318</td> <td>0.000285</td> <td>31.8</td> <td>28.5</td> <td></td> <td>37.0-140</td> <td><u> </u></td> <td>SI @</td> <td>10.0</td> <td>ל אל</td> <td></td> <td></td>	Alpha BHC	0.00100	<0.0000172	0.000318	0.000285	31.8	28.5		37.0-140	<u> </u>	SI @	10.0	ל אל		
C 0.00100 <0,000150 0,000038 0,000331 29.8 32.1 1 190-140 743 3HC 0.00100 <0,0000209 0,0000343 30.7 34.3 1 320-140 16 111 9HC 0.00100 <0,00000077 0,0000825 6.97 8.25 1 310-141 16 16.8 111 0.00100 <0,000017 0,0000529 0,0000576 6.29 5.76 1 310-141 16.8 18.8 0.00100 <0,000017 0,0000524 0,0000524 5.44 5.24 1 310-141 16.8 8.80 an II 0,00100 <0,0000152 0,0000524 5.44 5.24 1 250-160 16 16.8 8.25 an III 0,00100 <0,0000154 0,000172 12.1 12.4 1 250-160 16 3.75 an III 0,00100 <0,0000154 0,000174 15.8 12.4 1 250-160 16	Beta BHC	0.00100	<0.0000208	0.0000370	0.000425	37.0	42.5	-	17.0-147	81	RI	2 2 2	30		
1.00000 1.0000000 1.00000000 1.000000000 1.0000000000	Delta BHC	0.00100	<0.0000150	0.000298	0.000321	29.8	32.1		19.0-140			7.43	F 6		
0.00100 <0.00000TA 0.0000659 0.0000856 6.97 8.25 1 31.0-141 16 16 16.8 0.00100 <0.0000154	Samma BHC	0.00100	<0.0000209	0.000307	0.000343	30.7	34.3	-	32.0-140	16		1.1	30		
0.00100 <-0.0000154 0.0000524 0.0000524 5.76 1 30.0-145 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18	4,4-000	0.00100	<0.0000177	0.0000697	0.0000825	6.97	8.25		31.0-141	SI 9	<u>w</u>	17.0	200		
0.00100 <0.0000198 0.0000544 0.0000524 5.44 5.24 1 25.0-160 16 16 16 16 16 16 16 16 16 17.5 17.5 17.5 1 25.0-160 16 16 16 16 17.5 17.5 17.4 1 25.0-160 16 16 17.5 17.5 1 25.0-160 16 16 17.5 17.5 17.5 17.5 17.7 1 45.0-153 16 16 17.5 4.84 9.56 9.96	1,4-DDE	0.00100	<0.0000154	0.0000629	0.0000576	6.29	5.76	-	30.0-145	S S	2 9	0.00	3 2		
0.00100 <0.0000062 0.00000849 0.0000782 8.49 7.82 1 36.0-146 JG JG 9.96 0.00100 <0.000160	t,4-DDT	0.00100	<0.0000198	0.0000544	0.0000524	5.44	5.24	-	25.0-160	1 9	el 9	3.75	42		
0.00100 <0.000106 <0.000016 0.00017 0.000124 13.7 12.4 1 45.0-153 16 16 16 9.96 0.00100 <0.0000064	Jieldrin	0.00100	<0.0000162	0.0000849	0.0000782	8.49	7.82	-	36.0-146	195	197	8.22	49		
0.00100 <0.0001064 0.000121 0.000127 12.1 12.7 1 1.00-202 4.84 0.00100 <0.0000217	endosulfan I	0.00100	<0.0000160	0.000137	0.000124	13.7	12.4		45.0-153	1 %	9 9	966	280		
0.00100 <0.0000277 0.000147 15.8 14.7 1 26.0-144 J6 J6 7.21 0.00100 <0.000161	Endosulfan II	0.00100	<0.0000164	0.000121	0.000127	12.1	12.7	-	1.00-202	ı	3	4.84	2 2		
0.00100 <0.00000161 0.0000956 0.0000924 9.56 9.24 1 30.0-147 16 16 3.40 0.00100 <0.0000237	Endosulfan sulfate	0.00100	<0.0000217	0.000158	0.000147	15.8	14.7		26.0-144	76	J6	7.21	3 8		
0.00100 <0.0000237 0.000190 0.000191 19.0 19.1 1 56.0-128 16 16 17.8 0.00100 <0.0000219	Endrin	0.00100	<0.0000161	0.0000056	0.0000924	9.56	9.24	-	30.0-147	<u> </u> <u>S</u>	<u> </u>	3.40	3 8		
0.00100 <0.0000219 0.000155 0.000157 15.5 15.7 1 54.0-142 JG JG 1.28 0.00100 <0.0000148	Endrin aldehyde	0.00100	<0.0000237	0.000190	0.000191	19.0	19.1		56.0-128	2 2	el 9	0.525	9 6		
0.00100 <0.0000148 0.000103 0.000104 10.3 10.4 1 34.0-140 <u>J6 J6 0.966</u> 0.00100 <0.0000183 0.000121 0.0000124 13.8 12.4 1 35.0-120 <u>J6 J6 20.2</u> 0.00100 <0.0000176 0.000138 0.000124 13.8 12.4 1 35.0-120 <u>J6 J6</u> 10.7	Endrin ketone	0.00100	<0.0000219	0.000155	0.000157	15.5	15.7	·	54.0-142	9	2 9	128	2 6		
0.00100 <0.0000183 0.000121 0.0000988 12.1 9.88 1 37.0-142 JG 20.2 0.00100 <0.000176 0.000138 0.000124 13.8 12.4 1 35.0-120 JG JG 10.7	Heptachlor	0.00100	<0.0000148	0.000103	0.000104	10.3	10.4		34.0-140	1 Sc	9	0.966	43		
0.00100 <0.0000176 0.000138 0.000124 13.8 12.4 1 35.0-120 J6 J6 10.7	leptachlor epoxide	0.00100	<0.0000183	0.000121	0.0000988	12.1	9.88	-	37.0-142	196	199	20.2	26		
	Hexachlorobenzene	0.00100	<0.0000176	0.000138	0.000124	13.8	12.4	-	35.0-120	96	199	10.7	25		

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DATE/TIME: 05/10/24 12:34

SDG: L1728708

PROJECT:

ACCOUNT: Holiday Beach WSC

WG2275763

Pesticides (GC) by Method EPA 608.3

L1728464-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

QUALITY CONTROL SUMMARY

L1728708-01

(OS) L1728464-01 04/28/24 15:40 • (MS) R4064316-6 04/28/24	24 15:40 · (MS) F	R4064316-6 04	1/28/24 15:50	15:50 • (MSD) R4064316-7 04/28/24 15:59	316-7 04/28/2	4 15:59						
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	l/gm	mg/l	mg/l	l/gm	96	%		% %			%	%
Methoxychlor	0.00100	<0.0000193	0.00000960	0.0000816	9.60	8.16	-	44.0-160	97	97	16.2	22
gamma-Chlordane	0.00100	<0.0000137	0.0000554	0.0000561	5.54	5,61	-	45.0-140	91	97	1.26	35
alpha-Chlordane	0.00100	<0.0000149	0.0000771	0.0000663	7.71	6.63	-	45.0-140	91	97	15.1	35
(S) Decachlorobiphenyl					5.32	4.92		10.0-144	2	27		
(S) Tetrachloro-m-xylene					9.01	3.62		10.0-135		72		

Co	1 C	SS	Cn	Sr	ွတ္	⁷ Gl	[∞] ₹	Sc
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PROJECT:

SDG: L1728708

DATE/TIME: 05/10/24 12:34

PAGE: 40 of 72

Holiday Beach WSC ACCOUNT:

Method Blank (MB)

MB Result MB Qualifier mg/l <0.000270 <0.000270 <0.000270 <0.000773 <0.000173 <0.000173		100 071	
mg/l <0.000270 <0.000270 <0.000270 <0.000270 <0.000173 <0.000173		MB KUL	
<0.000270 <0.000270 <0.000270 <0.000270 <0.000173 <0.000173 <0.000173		mg/l	
<pre><0.000270 <0.000270 <0.000773 <0.000173 <0.000173</pre>	-	0.000500	-
<0.000270 <0.000270 <0.000173 <0.000173		0.000500	
<0.000270 <0.000173 <0.000173 <0.000173		0.000500	
<0.000173 <0.000173 <0.000173		0.000500	
<0.000173		0.000500	
<0.000173		0.000500	
		0.000500	
lotal PCBs <0.000173 0.00017		0.000500	
(S) Decachlorobiphenyl 36.8		10.0-144	
(S) Tetrachloro-m-xylene 72.7		10.0-135	

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Laboratory Control Sample (LCS)

LCS) R4064316-2 04/28/24 13:32	3/24 13:32				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm	l/gm	%	%	
PCB 1016	0.00250	0.00201	80.4	50.0-140	The second secon
PCB 1260	0.00250	0.00138	55.2	8.00-140	
(S) Decachlorobiphenyl			39.1	10.0-144	
(S) Tetrachloro-m-xylene			74.7	10.0-135	

Sc

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L1728464-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(10) 11/28/24 [8:09 • (MSD) K4084518-4 [8:09 • (MSD) K4084518-4 [8:79	(011)		10.00	100+2 (001)	1316-4 04/28/	7.24 16:19							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	l/gm	mg/l	l/gm	96	%		%))	% 7	
PCB 1016	0.00250	<0.000270	0.00193	0.00215	77.2	86.0		50.0-140			10.8	35	
PCB 1260	0.00250	<0.000173	0.000737	0.000782	29.5	313	Salara Property	8 00 140			5.5	90 00	
(S) Decachlorobiphenyl					24.5	25.8	-	10.00-140			26.6	38	
(S) Tetrachloro-m-xylene					37.0	40.5		10.0-135					

PROJECT:

$W62273235 \\ \text{Semi Volatile Organic Compounds (GC/MS) by Method 625.1}$

Method Blank (MB)

QUALITY CONTROL SUMMARY

Wellod Dialik (MD)						1
(MB) R4062477-1 04/25/24 17:57	4 17:57					3
	MB Result MB Qualifier	MB MDL	MB RDL			O.
Analyte	mg/l	mg/l	mg/l)
1,2,4,5-Tetrachlorobenzene	<0.00132	0.00132	0.00250			
1,2,4-Trichlorobenzene	<0.00159	0.00159	0.00250			SS
1,2-Dichlorobenzene	<0.00168	0.00168	0.00250			
1,3-Dichlorobenzene	<0.00170	0.00170	0.00250			4
1,4-Dichlorobenzene	<0.00184	0.00184	0.00250			5
2,2-Oxybis(1-Chloropropane)	<0.00116	0.00116	0.00250			
2,4,5-Trichlorophenol	<0.00193	0.00193	0.00250			Sr
2,4,6-Trichlorophenol	<0.00179	0.00179	0.00250			
2,4-Dichlorophenol	<0.000820	0.000820	0.00250			9
2,4-Dimethylphenol	<0.00142	0.00142	0.00500			S
2,4-Dinitrophenol	<0.00115	0.00115	0.00500			ı
2,4-Dinitrotoluene	<0.00265	0.00265	0.00500			<u>5</u>
2,6-Dichlorophenol	<0.00107	0.00107	0.00250			
2,6-Dinitrotoluene	<0.00181	0.00181	0.00500			80
2-Chloronaphthalene	<0.00143	0.00143	0.00250			Z .
2-Chlorophenol	<0.000820	0.000820	0.00250			
2-Methylphenol	<0.000760	0.000760	0.00500			Sc
2-Nitrophenol	<0.00169	0.00169	0.00250			
3&4-Methyl Phenol	<0.000767	0.000767	0.00250			
3,3-Dichlorobenzidine	<0.00265	0.00265	0.00500			
4,6-Dinitro-2-methylphenol	<0.00150	0.00150	0.00500			
4-Bromophenyl-phenylether	<0.00104	0.00104	0.00250			
4-Chloro-3-methylphenol	<0.000865	0.000865	0.00250			
4-Chlorophenyl-phenylether	<0.00140	0.00140	0.00250			
4-Nitrophenol	<0.00164	0.00164	0.00500			
Acenaphthene	<0.00134	0.00134	0.00250			
Acenaphthylene	<0.00134	0.00134	0.00250			
Acetophenone	<0.000788	0.000788	0.00250			
Alpha-Terpineol		0.000696	0.00250			
Aniline	<0.000536 C5	0.000536	0.00250			
Anthracene	<0.00111	0.00111	0.00250			
Atrazine	<0.00167	0.00167	0.00250			
Benzidine	<0.00311	0.00311	0.0100			
Benzo(a)anthracene	<0.000933	0.000933	0.00250			
Benzo(a)pyrene	<0.000941	0.000941	0.00250			
Benzo(b)fluoranthene	<0.00102	0.00102	0.00250			
Benzo(g,h,i)perylene	<0.00101	0.00101	0.00250			
Benzo(k)fluoranthene	<0.000934	0.000934	0.00250			
Benzoic acid	<0.00657	0.00657	0.0100			
Benzylbutyl phthalate	<0.00143	0.00143	0.00250			
AC	ACCOUNT:		PROJECT:	SDG:	DATE/TIME:	PAGE
Holida	Holiday Beach WSC			_1728708	05/10/24 12:34	42 of 72

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SS

Sr

Method Blank (MB)

Mile Outsilling Mile Multi Mile Nut Mile Outsilling Mile Outsilling Mile Outsilling Mile Multi Mile Outsilling Mile Multi Mile Outsilling Mile Multi Mile Outsilling Outsillin	(MB) R4062477-1 04/25/24 17-57	17-57						
mg/l mg/l mg/l mg/l mg/l mg/l mg/l ethoxy/methane		MB Result	MB Qualifier	MB MDL	MB RDL			
ethosy/methane	Analyte	l/gm		l/gm	mg/l			
octhyljether G.000101 0.000250 lockyljether G.00016 0.000250 lockyljether G.00016 0.000250 lockyljethralate G.000105 0.000250 ophthalate G.000102 0.000250 phthalate G.000102 0.000250 phthalate G.000120 0.00020 ophthalate G.000120 0.00020 phthalate G.000120 0.00020 ophthalate G.000120 0.00020 ophthalate G.000120 0.00020 ophthalate G.000120 0.00020 ophthalate G.000140 0.000170 0.00020 ophthalate G.000141 0.000170 0.000250 ophthalate G.000141 0.000170 0.000250 ophthalate G.000141 0.000140 0.000250 ophthalate G.000141 0.000140 0.000250 ophthalate G.000141 0.000140 0.000140 ophthalate G.0000188 0.000140 0.00	Bis(2-chlorethoxy)methane	<0.000991		0.000991	0.00250	en e		
beyiphthalate	Bis(2-chloroethyl)ether	<0.00101		0.00101				
hexylpthhalate 60,00318 0,00318 0,00500 hexylpthhalate 60,00106 0,00106 0,00105 0,00250 0,00102 0,00102 0,00102 0,00102 0,00102 0,00102 0,00102 0,00102 0,00102 0,00102 0,00102 0,00102 0,00102 0,00110 0,00110 0,00102 0,00110 0,00110 0,00110 0,00102 0,00110 0,00110 0,00102 0,00110 0,00110 0,00110 0,00110 0,00110 0,00110 0,00110 0,00110 0,00110 0,001110 0,001110 0,001110 0,001110 0,0011110 0,001111	Bis(2-chloroisopropyl)ether	<0.00116		0.00116				
40,00106 0,000105	Bis(2-Ethylhexyl)phthalate	<0.00318		0.00318				
oblithalate 60,00102 0,000102 0,000100 puthalate <0,000120	Carbazole	<0.00106		0.00106				
phthalate <0.00120 0.00120 0.00250 phthalate <0.00174 0.00174 0.00250 phthalate <0.00170 0.00170 0.00250 an <0.00120 0.00170 0.00250 an laste <0.000915 0.000170 0.00250 phthalate <0.000918 0.000918 0.000919 0.00250 nine <0.000174 0.000179 0.00250 0.00250 nine <0.000174 0.00171 0.00250 oxyclopentadiene <0.000173 0.00171 0.00250 sylhydrazine <0.00178 0.00178 0.00250 sylhydrazine <0.00178 0.00178 0.00250 sylhydrazine <0.000178 0.00178 0.00250 sylhydrazine <0.000178 0.00178 0.00250 sylhydrazine <0.000178 0.00178 0.00250 sylhydrazine <0.000178 0.00178 0.00250 sethylamine <0.000178 0.000178 0.000178	Chrysene	<0.00102		0.00102				
ohthalate 6,00074 0,00074 0,00075 Janthracene 6,00100 0,00010 0,00050 Inal 6,00120 0,00010 0,00050 Jahlate 6,0000915 0,000120 0,00050 Inhalate 6,0000878 0,000097 0,00050 Inhalate 6,000174 0,00074 0,00550 Inhalate 6,000174 0,00077 0,00050 1,3-butadiene 6,000176 0,00077 0,00075 3-c0lpyrene 6,000174 NZ 0,00174 0,00550 3-c0lpyrene 6,000173 NZ 0,00174 0,00550 3-c0lpyrene 6,000173 NZ 0,00174 0,00550 3-c0lpyrene 6,000173 NZ 0,00174 0,00550 1-r-butylamine 6,000173 NZ 0,00174 0,00550 1-r-butylamine 6,000174 NZ 0,00174 0,00550 1-r-butylamine 6,000082 0,000174 0,000174 0,00550 1-r-butylamine	Di-n-butyl phthalate	<0.00120		0.00120				
Authriacene C_0.0010 C_0.0010 C_0.00250 Authriacene C_0.0012 C_0.00120 C_0.00250 Authriacene C_0.000815 C_0.000915 C_0.00250 Authriacene C_0.000818 C_0.000918 C_0.00250 Authriacene C_0.00144 C_0.00174 C_0.00250 A_0.00131 C_0.00175 C_0.00250 C_0.00250 A_0.00132 C_0.00175 C_0.00250 C_0.00250 A_0.00132 C_0.00175 C_0.00175 C_0.00175 A_0.00132 C_0.00175 C_0.00175 C_0.00175 A_0.00175 C_0.00175 C_0.00175 C_0.00175 C_0.00175 A_0.00175 C_0.00175 C_0.00175 C_0.00175 C_0.00175 A_0.00175 C_0.00175 C_0.001	Di-n-octyl phthalate	<0.00174		0.00174				
ran	Dibenz(a,h)anthracene	<0.00110		0.00110				
halate 4,000915 0.000918 0.00250 hthalate 4,000878 0.000878 0.00250 hthalate 4,000878 0.000878 0.00250 hthalate 4,000131 0.00131 0.00250 benzene 4,000176 0.00176 0.00250 benzene 4,000177 0.00177 0.00250 benzene 4,000174 NZ 0.00177 0.00250 cyclopentadiene 4,000174 NZ 0.00178 0.00250 cyclopentadiene 4,000174 NZ 0.00188 0.00250 cyclopentadiene 4,000173 0.00188 0.00250 cyclopentadiene 4,000173 0.00188 0.00250 cyclopentadiene 4,000173 0.00188 0.00188 0.00250 cyclopentadiene 4,000173 0.00188 0.00250 cyclopentadiene 4,000174 0.00188 0.00250 cyclopentadiene 4,000174 0.00188 0.00250 cyclopentadiene 4,000174 0.00188 0.00189 cyclopentadiene 4,000174 0.00189 0.00250 cyclopentadiene 4,000174 0.00189 0.00250 cyclopentadiene 4,000174 0.00189 0.00189 cyclopentadiene 4,000174 0.00189 0.00189 cyclopentadiene 4,000174 0.00189 0.00189 cyclopentadiene 4,000174 0.00189 0.00189 cyclopentadiene 4,000177 0.00189 cyclopentadiene 4,000177 0.00189 cyclopentadiene 4,000177 0.00189 cyclopentadiene 6,000177 0.00189 cyclopentadiene 6,00017	Dibenzofuran	<0.00120		0.00120				
hthalate	Diethyl phthalate	<0.000915		0.000915				
40,00144 0,000144 0,000156 0,000131 0,000131 0,000131 0,000131 0,000131 0,000131 0,000131 0,000131 0,000131 0,000132	Dimethyl phthalate	<0.000878		0.000878	0.00250			
40.00131 0.000131 0.000156 D-1,3-butacliene <a.0.00176< th=""> 0.000250 obenizene <a.0.000972< th=""> 0.00050 ocyclopentadiene <a.0.00174< th=""> 0.0017 0.0010 ocytlopentadiene <a.0.00188< th=""> 0.00174 0.00150 ocytlopentadiene <a.0.00124< th=""> 0.00174 0.00150 ylhydrazine <a.0.00183< th=""> 0.00174 0.00150 choulogy <a.0.00168< a=""> 0.00058 0.00158 0.00158 choulogy <a.0.00168< a=""> 0.00178 0.00250 in-butylamine <a.0.00073< a=""> 0.00158 0.00158 0.00158 0.00158 in-thytopylamine <a.0.00073< a=""> 0.00073 0.00158 0.00158 0.00158 in-thytopylamine <a.0.00073< a=""> 0.00073 0.000758 0.00258 0.00258 inthylamine <a.0.00072< a=""> 0.00072 0.000758 0.00258 0.00258 inthylamine <a.0.00072< a=""> 0.00072 0.00074 0.00258 0.00258 <td>Fluoranthene</td><td><0.00114</td><td></td><td>0.00114</td><td>0.00250</td><td></td><td></td><td></td></a.0.00072<></a.0.00072<></a.0.00073<></a.0.00073<></a.0.00073<></a.0.00168<></a.0.00168<></a.0.00183<></a.0.00124<></a.0.00188<></a.0.00174<></a.0.000972<></a.0.00176<>	Fluoranthene	<0.00114		0.00114	0.00250			
oro-1,3-butadiene <0.00076 0.00050 orobenizene <0.000972	Fluorene	<0.00131		0.00131				
oroobenizene <0,000972 0,000550 orocyclopentadiene <0,00117	Hexachloro-1,3-butadiene	<0.00176		0.00176				
orocyclopentadiene <0.00117 0.0001 orocyclopentadiene <0.00188	Hexachlorobenzene	<0.000972		0.000972	0.00250			
conothane <0.00188 0.00250 cnylhydrazine <0.00124	Hexachlorocyclopentadiene	<0.00117		0.00117	0.0100			
raylhydrazine	Hexachloroethane	<0.00188		0.00188				
7.3.3-cd/pyrene <0.000984 0.000250 nne <0.00183 0.00158 0.00250 e <0.00158 0.00050 0.00250 odi-n-butylamine <0.000735 0.000250 0.00250 odi-n-bropylamine <0.000025 0.000250 0.00250 odimethylamine <0.000025 0.000025 0.000250 odithenylamine <0.0000829 0.000250 0.00250 odithenylamine <0.000829 0.000260 0.00250 ecane <0.000829 0.000829 0.000260 ceane <0.00124 0.00128 0.00250 lene <0.00124 0.00128 0.00250 lene <0.00134 0.00134 0.00136 0.00250 lorophenol <0.00140 0.00140 0.00250 cond <0.00140 0.00140 0.00250 donothenol <0.00140 0.00140 0.00250 sestls <0.00145 0.00153 0.00153 0.00250 donothybenyl 7	1,2-Diphenylhydrazine	<0.00124	NZ	0.00124				
e <0.00183 0.00183 0.00156 e <0.00158 0.00250 e <0.000735 0.00250 odi-n-butylamine <0.00107 0.00073 0.00250 odiethylamine <0.000925 0.000925 0.00250 odiethylamine <0.000925 0.00050 0.00250 odimethylamine <0.000829 0.000829 0.00250 odiphenylamine <0.000829 0.000829 0.00250 odiphenylamine <0.000829 0.000829 0.00250 ceane <0.000128 0.000128 0.00250 lene <0.00124 0.00124 0.00250 renol <0.00124 0.00124 0.00250 lene <0.00134 0.00134 0.00150 norothenol <0.00134 0.0014 0.00250 hrene <0.00145 0.00150 0.00250 esols <0.00153 0.00153 0.00250 ci-Tribromophenol 85.7 29.0-132 duorothenol <t< td=""><td>Indeno(1,2,3-cd)pyrene</td><td><0.000984</td><td></td><td>0.000984</td><td></td><td></td><td></td><td></td></t<>	Indeno(1,2,3-cd)pyrene	<0.000984		0.000984				
e	Isophorone	<0.00183		0.00183				
odi-n-butylamine	n-Decane	<0.00158		0.00158				
odin-propylamine	n-Nitrosodi-n-butylamine	<0.000735		0.000735				
odinethylamine	n-Nitrosodi-n-propylamine	<0.00107		0.00107				
odiphenylamine	n-Nitrosodiethylamine	<0.000925		0.000925				
odiphenylamine	n-Nitrosodimethylamine	<0.000651		0.000651				
ecane <0.00128 0.00128 0.00250 leine <0.00200 0.00250 0.00250 uzane <0.00124 0.00256 0.00250 uzane <0.00124 0.00256 0.00500 lorobeirzene <0.00134 0.00250 0.00500 lorophanol <0.00133 0.00250 0.00500 hince <0.00143 0.00250 0.00250 seals <0.00153 0.00150 0.00250 sasols <0.00153 0.00150 0.00250 seals <0.00153 0.00050 0.00250 sasols <0.00153 0.00150 0.00250 sasols <0.00153 0.00150 0.00250 sasols <0.00153 0.00150 0.00250 sasols <0.00153 0.00150 0.00250 ACCOUNT; 26.0-102 26.0-102 17.728708 0.00170 Holiday Beach WSC Rock States PROJECT; SDG; DATETIME;	n-Nitrosodiphenylamine	<0.000829		0.000829				
lene	n-Octadecane	<0.00128		0.00128				
tizene 40,00124 0,00124 0,00250 enol 40,00286 0,00500 plorobenzene 40,00134 0,00134 0,0050 plorophenol 40,00134 0,00134 0,0050 plorobenzene 40,0013 0,0050 0,00550 plorophenol 40,0013 0,0013 0,00550 c-0,0016 0,0017 0,00250 0,00250 sosls 40,00153 0,00150 0,00550 soll 29,0132 29,0132 plurobphenyl 75,7 26,0-102 productory PROJECT: SDG: plouday Beach WSC PROJECT: PROJECT:	Naphthalene	<0.00200		0.00200				
enol <0.00286 0.00500 lorobenzene <0.00134 0.00250 lorophenol <0.00210 0.00500 hrene <0.00133 0.00250 clorobenzene <0.0001367 0.00250 hrene <0.000155 0.00250 clorobenzene <0.00175 0.00250 seols <0.00175 0.00250 seols <0.00153 0.00750 seols <0.00153 0.00750 seol (5-Trituromophenol 85.7 29.0-132 Hourdobiphenyl 75.7 26.0-102 Holiday Beach WSC PROJECT: SDG: Language Beach WSC	Nitrobenzene	<0.00124		0.00124				
lorobenzene <0.00134 0.00250 lorophenol <0.00210 0.00500 hrene <0.0013 0.00250 respect (0.00967) 0.00150 0.00250 seols <0.0017 0.0017 0.00250 seols <0.00153 0.00150 0.00750 result (arribromophenol) 85.7 29.0-132 Plourobiphenyl 75.7 26.0-102 Holiday Beach WSC PROJECT: SDG:	Nonylphenol	<0.00286		0.00286				
lorophenol <0.00210 0.00500 hrene <0.00113	Pentachlorobenzene	<0.00134		0.00134				
hrene <0.0013 0.0013 0.00250 <0.000967 0.00250 <0.00115 0.000250 <0.00115 0.00015 0.000250 <0.00117 0.000250 <0.00117 0.000250 <0.00117 0.000250 <0.001183 0.00153 0.000750 <0.00153 0.00153 0.000750 <0.00153 0.00153 0.000750 ACCOUNT: SDG: DATE/TIME: ACCOUNT: SDG: DATE/TIME: DATE/	Pentachlorophenol	<0.00210		0.00210				
<0.000967 0.000250 <0.00115 0.00015 0.00250 <0.00117 0.00250 0.00250 ssols <0.00153 0.00750 0.00750 16-Tribromophenol 85.7 29.0-132 29.0-132 Flourobiphenyl 75.7 26.0-102 26.0-102 ACCOUNT: PROJECT: SDG: DATE/TIME: Holiday Beach WSC 1772/8708 DATE/TIME:	Phenanthrene	<0.00113		0.00113				
<0.00115 0.00150 0.00250 <0.00117	Phenol	<0.000967		0.000967				
<0.00177 0.00250 <0.00153 0.00750 dromophenol 85.7 29.0-132 biphenyl 75.7 26.0-102 ACCOUNT: PROJECT: SDG: DATE/TIME: Holiday Beach WSC 172870R OSMICHARY:	Pyrene	<0.00115		0.00115				
<0.00153	Pyridine	<0.00117		0.00117				
85.7 29.0-132 75.7 26.0-102 ACCOUNT: SDG: DATE/TIME: I1728708	Total Cresols	<0.00153		0.00153				
ACCOUNT: SDG: DATE/TIME: Holiday Beach WSC 11728708 05400.47-3-4	(S) 2,4,6-Tribromophenol	85.7						
PROJECT: SDG: DATE/TIME:	(S) 2-Fluorobiphenyl	75.7			26.0-102			
PROJECT: SDG: DATE/TIME:								
Ne-ct KCIONEO 8058201	ď	CCOUNT:			PROJECT:	SDG:		AGE.
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QUALITY CONTROL SUMMARY

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

Method Blank (MB)

ı	MB Result MB Qualifier MB MDL MB RDL	l/gm l/gm	(S) 2-Fluorophenol 47.9	5 83.4	88.0	266
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(LCS) R4062477-2 04/25/24 18:27	/24 18:27					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	l/gm	mg/l	%	%		
1,2,4,5-Tetrachlorobenzene	0.0500	0.0341	68.2	31.0-120		
1,2,4-Trichlorobenzene	0.0500	0.0352	70.4	44.0-142		
1,2-Dichlorobenzene	0.0500	0.0340	0.89	27.0-120		
1,3-Dichlorobenzene	0.0500	0.0324	8.49	26.0-120		
1,4-Dichlorobenzene	0.0500	0.0331	66.2	26.0-120		
2,2-Oxybis(1-Chloropropane)	0.0500	0.0347	69.4	36.0-166		
2,4,5-Trichlorophenol	0.0500	0.0397	79.4	44.0-124		
2,4,6-Trichlorophenol	0.0500	0.0390	78.0	37.0-144		
2,4-Dichlorophenol	0.0500	0.0362	72.4	39.0-135		
2,4-Dimethylphenol	0.0500	0.0307	61.4	32.0-120		
2,4-Dinitrophenol	0.0500	0.0475	95.0	1.00-191		
2,4-Dinitrotoluene	0.0500	0.0473	94.6	39.0-139		
2,6-Dichlorophenol	0.0500	0.0343	9.89	26.0-120		
2,6-Dinitrotoluene	0.0500	0.0419	83.8	50.0-158		
2-Chloronaphthalene	0.0500	0.0385	77.0	60.0-120		
2-Chlorophenol	0.0500	0.0311	62.2	23.0-134		
2-Methylphenol	0.0500	0.0274	54.8	26.0-120		
2-Nitrophenol	0.0500	0.0345	0.69	29.0-182		
3&4-Methyl Phenol	0.0500	0.0287	57.4	27.0-120		
3,3-Dichlorobenzidine	0.100	0.0781	78.1	1.00-262		
4,6-Dinitro-2-methylphenol	0.0500	0.0471	94.2	1.00-181		
4-Bromophenyl-phenylether	0.0500	0.0388	77.6	53.0-127		
4-Chloro-3-methylphenol	0.0500	0.0393	78.6	22.0-147		
4-Chlorophenyl-phenylether	0.0500	0.0430	0.98	25.0-158		
4-Nitrophenol	0.0500	0.0265	53.0	1.00-132		
Acenaphthene	0.0500	0.0379	75.8	47.0-145		
Acenaphthylene	0.0500	0.0395	79.0	33.0-145		
Acetophenone	0.0500	0.0354	70.8	28.0-120		
Alpha-Terpineol	0.0500	0.0378	75.6	30.0-120		

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DATE/TIME: 05/10/24 12:34

SDG: L1728708

PROJECT:

Holiday Beach WSC ACCOUNT:

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Laboratory Control Sample (LCS) (LCS) R4062477-2 04/25/24 18:27

(LCS) R4062477-2 04/25/24 18:27	5/24 18:27								
Analyte	Spirke Amount mg/l	LCS Kesult	LCS Rec. %	Rec. Limits %	LCS Qualifier	ial I			
Aniline	0.0500	0.0303	9.09	10.0-120	7				Appropriation and conference of the second problems of the second second
Anthracene	0.0500	0.0425	85.0	27.0-133	31				
Atrazine	0.0500	0.0434	8.98	39.0-141					
Benzidine	0.100	0.0377	37.7	1.00-120					
Benzo(a)anthracene	0.0500	0.0422	84.4	33.0-143					
Benzo(a)pyrene	0.0500	0.0474	94.8	17.0-163					
Benzo(b)fluoranthene	0.0500	0.0476	95.2	24.0-159					
Benzo(g,h,i)perylene	0.0500	0.0397	79.4	1.00-219					
Benzo(k)fluoranthene	0.0500	0.0419	83.8	11.0-162					
Benzoic acid	0.100	0.0215	21.5	10.0-120					
Benzylbutyl phthalate	0.0500	0.0439	87.8	1.00-152					CONTRACTOR OF THE PROPERTY OF
Bis(2-chlorethoxy)methane	0.0500	0.0366	73.2	1.00-219					
Bis(2-chloroethyl)ether	0.0500	0.0321	64.2	33.0-185					
Bis(2-chloroisopropyl)ether	0.0500	0.0347	69.4	36.0-166					
Bis(2-Ethylhexyl)phthalate	0.0500	0.0442	88.4	8.00-158					
Carbazole	0.0500	0.0555	E	45.0-121					
Chrysene	0.0500	0.0427	85.4	17.0-168					
Di-n-butyl phthalate	0.0500	0.0434	8.98	1.00-120					
Di-n-octyl phthalate	0.0500	0.0451	90.2	4.00-146					
Dibenz(a,h)anthracene	0.0500	0.0422	84.4	1.00-227					
Dibenzofuran	0.0500	0.0404	80.8	42.0-120					
Diethyl phthalate	0.0500	0.0438	97.6	1.00-120					
Dimethyl phthalate	0.0500	0.0406	81.2	1.00-120					
Fluoranthene	0.0500	0.0432	86.4	26.0-137					
Fluorene	0.0500	0.0438	9.78	59.0-121					
Hexachloro-1,3-butadiene	0.0500	0.0362	72.4	24.0-120					
Hexachlorobenzene	0.0500	0.0394	78.8	1.00-152					
Hexachlorocyclopentadiene	0.0500	0.0352	70.4	10.0-120					
Hexachloroethane	0.0500	0.0345	0.69	40.0-120					
1,2-Diphenylhydrazine	0.0500	0.0401	80.2	37.0-125	NZ				
Indeno(1,2,3-cd)pyrene	0.0500	0.0418	83.6	1.00-171					
Isophorone	0.0500	0.0385	77.0	21.0-196					
n-Decane	0.0500	0.0293	58.6	10.0-127					
n-Nitrosodi-n-butylamine	0.0500	0.0350	70.0	39.0-127					
n-Nitrosodi-n-propylamine	0.0500	0.0389	77.8	1.00-230					
n-Nitrosodiethylamine	0.0500	0.0338	9.79	10.0-142					
n-Nitrosodimethylamine	0.0500	0.0195	39.0	10.0-120					
n-Nitrosodiphenylamine	0.0500	0.0386	77.2	44.0-120					
n-Octadecane	0.0500	0.0388	77.6	17.0-126					
Naphthalene	0.0500	0.0361	72.2	21.0-133					
	ACCOUNT:			PR	PROJECT:		SDG:	DATE/TIME:	PAGE
NOIL	Holiday Beach WSC						L1728708	05/10/24 12:34	45 of 72

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QUALITY CONTROL SUMMARY

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

Laboratory Control Sample (LCS)

(LCS) R4062477-2 04/25/24 18:27	/24 18:27				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm	l/gm	%	%	
Nitrobenzene	0.0500	0.0384	76.8	35.0-180	
Nonylphenol	0.0500	0.0494	8.86	57.0-136	
Pentachlorobenzene	0.0500	0.0370	74.0	10.0-151	
Pentachlorophenol	0.0500	0.0346	69.2	14.0-176	
Phenanthrene	0.0500	0.0408	81.6	54.0-120	
Phenol	0.0500	0.0159	31.8	5.00-120	
Pyrene	0.0500	0.0438	87.6	52.0-120	
Pyridine	0.0500	0.00903	18.1	10.0-120	
Total Cresols	0.100	0.0561	56.1	36.0-110	
(S) 2,4,6-Tribromophenol			85.1	29.0-132	
(S) 2-Fluorobiphenyl			72.4	26.0-102	
(S) 2-Fluorophenol			41.8	10.0-66.0	
(S) Nitrobenzene-d5			73.6	15.0-106	
(S) p-Terphenyl-d14			83.7	10.0-120	
(S) Phenol-d6			31.3	10.0-54.0	

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L1728464-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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	Spike Amount	Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	l/gm	l/gm	Mg/I	l/6m	%	%		%			%	96
1,2,4,5-Tetrachlorobenzene	0.0510	<0.00132	0.0210	0.0255	41.2	49.0	1.02	10.0-147			19.4	34
1,2,4-Trichlorobenzene	0.0510	<0.00159	0.0200	0.0240	39.2	46.2	1.02	44.0-142	9		18.2	20
1,2-Dichlorobenzene	0.0510	<0.00168	0.0179	0.0215	35.1	41.3	1.02	14.0-125			18.3	24
1,3-Dichlorobenzene	0.0510	<0.00170	0.0175	0.0202	34.3	38.8	1.02	12.0-123			14.3	22
1,4-Dichlorobenzene	0.0510	<0.00184	0.0168	9610.0	32.9	37.7	1.02	12.0-125			15.4	23
2,2-0xybis(1-Chloropropane)	0.0510	<0.00116	0.0203	0.0229	39.8	44.0	1.02	36.0-166			12.0	76
2,4,5-Trichlorophenol	0.0510	<0.00193	0.0301	0.0327	29.0	62.9	1.02	15.0-160			8.28	27
2,4,6-Trichlorophenol	0.0510	<0.00179	0.0285	0.0339	55.9	65.2	1.02	37.0-144			17.3	28
2,4-Dichlorophenol	0.0510	<0.000820	0.0239	0.0255	46.9	49.0	1.02	39.0-135			6.48	20
2,4-Dimethylphenol	0.0510	<0.00142	0.0263	0.0255	51.6	49.0	1.02	32.0-120			3.09	28
2,4-Dinitrophenol	0.0510	<0.00115	0.0290	0.0301	56.9	57.9	1.02	1.00-191			3.72	132
2,4-Dinitrotoluene	0.0510	<0.00265	0.0407	0.0431	79.8	82.9	1.02	39.0-139			5.73	42
2,6-Dichlorophenol	0.0510	<0.00107	0.0226	0.0246	44.3	47.3	1.02	60.0-140	91	9	8.47	30
2,6-Dinitrotoluene	0.0510	<0.00181	0.0329	0.0372	64.5	71.5	1.02	50.0-158			12.3	48
2-Chloronaphthalene	0.0510	<0.00143	0.0252	0.0289	49.4	55.6	1.02	60.0-120	9	36	13.7	24
2-Chlorophenol	0.0510	<0.000820	0.0178	0.0181	34.9	34.8	1.02	23.0-134			1.67	61
2-Methylphenol	0.0510	<0.000760	0.0186	0.0169	36.5	32.5	1.02	14.0-120			9.58	29
2-Nitrophenol	0.0510	<0.000	0 0241	0.0262	7 3	50.4	102	29 0-182			25.8	77

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DATE/TIME: 05/10/24 12:34

SDG: L1728708

PROJECT:

ACCOUNT: Holiday Beach WSC C/MS) by Method 625.1 [1728708-01]

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

L1728464-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

mg/l	(304) 123 104 104 104 105 104 105 104 105 104 105 104 105 104 105 104 105 104 105 105 105 105 105 105 105 105 105 105	Spike Amount	Original Result	MS Recuit	55 • (MSD) K406 MSD Begut	K4062477-4 04/26/24 03:25	26/24 03:25	i	:				Table Wilming Williams	
Option of the production	Analyte	mg/l	mg/l	mg/l	ma/l	% 39 NG.	אוטט עפר.	Uninion	Kec. LIMITS	MS Qualifier	MSD Qualifier	RPD %	RPD Limits	
Controller (Controller) (1172) Opticides Controller 67.7 67.0 57.0 10.0 57.0 57.0 47.0 57.0 47.0	3&4-Methyl Phenol	0.0510	<0.000767	0.0173	0.0163	33.0	213	107	120,021	A backet from the species of the fact of the said of the said of		Q.	98	The state of the s
Observation of USSIO COURSION COURSION<	3,3-Dichlorobenzidine	0.102	<0.00265	0.0163	0.0103	16.0	0 90	102	100.262			5.95	26	
Application planting in the planting in	4,6-Dinitro-2-methylphenol	0.0510	<0.00150	0.0335	0.0334	65.7	64.2	107	100-202			1.54	801	
Active place	4-Bromophenyl-phenylether	0.0510	<0.00104	0.0329	0.0363	64.5	8.69	1.02	53.0-127			667.0	203	
Optional pulse puls	4-Chloro-3-methylphenol.	0.0510	<0.000865	0.0295	0.0284	57.8	54.6	1.02	22.0-147			3.80	£ £	
mined 0.050 -0.0054 0.035 0.036 <	4-Chlorophenyl-phenylether	0.0510	<0.00140	0.0356	0.0412	8.69	79.2	1.02	25.0-158			14.6	2 2	
Michigan O.1550 C.10504 O.1254	4-Nitrophenol	0.0510	<0.00164	0.0193	0.0218	37.8	41.9	1.02	1.00-132			12.2	3 2	
(1)0.050 40.00734 0.0254 40.024 6.025 40.024 6.025 40.024 6.025 40.024 6.025 40.023 6.025 40.02 6.025 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.02 6.02 40.	Acenaphthene	0.0510	<0.00134	0.0264	0.0310	51.8	59.6	1.02	47.0-145			16.0	48	
returne 0.0550 c.0000788 0.0225 d.0225 d.02 5 d.02 102 0.0 103 0.0 100 0.0 10 0	Acenaphthylene	0.0510	<0.00134	0.0267	0.0314	52.4	60.4	1.02	33.0-145			16.2	74	
cubical 0.0550 -0.0006986 0.0223 0.0253 4.6.5 8.6.5 1.02 0.04240 C.5.5	Acetophenone	0.0510	<0.000788	0.0205	0.0256	40.2	49.2	1.02	10.0-139			22.1	35	
the third of the t	Alpha-Terpineol	0.0510	969000'0>	0.0232	0.0263	45.5	50.6	1.02	30.0-120			12.5	30	
OLSFO -0.00011 0.0354 0.0387 694 744 102 27.0-133 89 0.0570 -0.0077 -0.0550 93.5 106 10.2 10.0-10 16 16 16 16 16 10.0	Aniline	0.0510	<0.000536	0.0241	0.0262	47.3	50.4	1.02	10.0-120	CS	CS	8.35	25	
0.0500 -0.0000F7 0.0477 0.0550 93.5 106 102 39.0-130 40.0 0.0510 -0.00017 0.0037 0.000323 0.000 0.000 100 100-120 46 0.00 0.0510 -0.000943 0.0432 0.0460 82.9 89.0 110 7.0-169 96 0.00 0.0510 -0.000943 0.0423 0.0460 82.9 89.0 10.2 240-159 9.03 9.03 0.0510 -0.000103 0.0423 0.0460 82.7 88.5 10.2 240-159 9.03 9.03 0.0510 -0.000103 0.0423 0.0462 8.2 88.5 10.2 10.0-150 9.6 9.03 9	Anthracene	0.0510	<0.00111	0.0354	0.0387	69.4	74.4	1.02	27.0-133	l	1	8 91	99	
0.057 -0.0037	Atrazine	0.0510	<0.00167	0.0477	0.0550	93.5	106	1.02	39.0-130			14.2	30	
0.0550 -0.000933 0.0391 0.0422 76.7 81.2 1.02 33.0-43 7.63 0.0550 -0.000941 0.0423 0.0466 82.7 88.5 1.02 1.00-63 9.03 0.0570 -0.000941 0.0432 0.0466 82.7 88.5 1.02 1.00-62 86.2 0.0570 -0.00101 0.0438 0.0434 1.89 3.43 1.02 1.00-62 86.2 0.0570 -0.00101 0.0438 0.043 1.29 8.37 1.02 1.00-62 86.2 0.0570 -0.00679 0.043 1.29 8.37 1.02 1.00-62 86.2 0.0570 -0.043 0.042 8.8 92.7 1.02 1.00-62 86.2 0.0570 -0.043 0.042 8.6 46.5 1.02 1.00-62 86.2 0.0570 -0.043 0.042 8.7 44.0 1.02 80-188 9.2 1.02 1.00-120 1.00-120 1.00-12	Benzidine	0.102	<0.00311	<0.00317	<0.00323	0.000	0.000	1.02	1.00-120	JG	JG	0.000	40	
0.0570 -0.0000941 0.0423 0.0463 82.9 89.0 10.7 17.0-163 9.03 0.0570 -0.00002 0.0462 0.0460 82.7 88.5 10.2 10.0-199 86.2 0.0570 -0.00002 0.0482 0.0434 72.2 88.5 10.2 10.0-199 86.2 0.0570 -0.000034 0.0398 0.0435 78.2 83.7 10.2 10.0-152 86.2 0.0570 -0.00043 0.0432 0.0432 88.8 92.7 10.2 10.0-152 6.20 0.0570 -0.00043 0.0432 0.038 44.5 53.5 10.2 10.0-152 6.20 0.0570 -0.00040 0.0432 0.0226 37.6 43.5 10.2 10.0-152 6.20 0.0570 -0.0010 0.0422 0.042 0.042 0.042 0.042 0.042 10.2 10.0-152 6.0-168 6.24 0.0570 -0.0010 0.0432 0.0420 3.0 </td <td>Benzo(a)anthracene</td> <td>0.0510</td> <td><0.000933</td> <td>0.0391</td> <td>0.0422</td> <td>7.97</td> <td>81.2</td> <td>1.02</td> <td>33.0-143</td> <td>l de</td> <td>ı</td> <td>7.63</td> <td>5 E</td> <td></td>	Benzo(a)anthracene	0.0510	<0.000933	0.0391	0.0422	7.97	81.2	1.02	33.0-143	l de	ı	7.63	5 E	
0.0510 <0.000102 0.04660 82.7 88.5 1.02 240-159 8.65 0.0510 <0.000102	Benzo(a)pyrene	0.0510	<0.000941	0.0423	0.0463	82.9	0.68	1.02	17.0-163			9.03	22	
0.0570 -0.00101 0.0388 0.0434 72.2 83.5 1.02 1.00-219 6.65 0.0570 -0.000634 0.0339 0.0435 78.2 83.7 1.02 11.0-162 8.63 0.0570 -0.000657 0.0452 0.0435 78.2 83.7 1.02 11.0-162 8.63 0.0570 -0.000691 0.0453 0.0452 0.0482 88.8 92.7 1.02 11.0-152 6.20 0.0570 -0.000991 0.0228 37.6 43.5 1.02 12.0-158 6.20 0.0570 -0.001016 0.0429 0.0228 37.6 43.5 1.02 12.0-158 6.20 0.0570 -0.00101 0.0422 0.0420	Benzo(b)fluoranthene	0.0510	<0.00102	0.0422	0.0460	82.7	88.5	1.02	24.0-159			8.62	7.	
0.0550 <0,0000334 0.0435 78.2 83.7 10.0 110-162 8.5 75.1 0.0570 <0,0000537	Benzo(g,h,i)perylene	0.0510	<0.00101	0.0368	0.0434	72.2	83.5	1.02	1.00-219			16.5	97	
0.057 -0.00657 0.035 15.9 34.3 102 100-120 33 75.1 0.0510 -0.0043 0.0482 88.8 92.7 1.02 1.00-152 6.20 0.0510 -0.001043 0.0482 88.8 92.7 1.02 1.00-152 6.20 0.0510 -0.001041 0.0232 0.025 37.6 43.5 1.02 1.00-158 1.53 0.0510 -0.00104 0.0192 0.0229 37.6 44.0 1.02 1.02-158 1.02 0.0510 -0.00106 0.0442 0.0470 10.2 1.02 1.02-158 1.02 0.0510 -0.00106 0.0442 0.0470 10.2 1.02 1.02-158 1.02 0.0510 -0.00107 0.0442 0.0420 0.0420 1.02 1.02 1.02-158 1.02 0.0510 -0.00102 0.0420 0.0459 82.4 90.2 1.02 1.02-120 1.02 0.0510 -0.00102	Benzo(k)fluoranthene	0.0510	<0.000934	0.0399	0.0435	78.2	83.7	1.02	11.0-162			8.63	: 83	
0.050 40,00143 0.0483 0.0482 88.8 92.7 1.02 1.00-152 6.20 0.0510 40,000941 0.0238 46.5 53.5 1.02 330-184 15.9 0.0510 40,00101 0.0123 3.76 43.5 1.02 120-158 16.3 0.0510 40,0011 0.0123 3.76 43.5 1.02 120-158 15.9 0.0570 40,00116 0.0422 0.0420 90.4 1.02 80.0+188 1.20 0.0570 40,00116 0.0422 0.0420 1.02 1.02 30.4-188 1.02 0.0570 40,00174 0.0420 0.0442 78.0 85.0 1.02 1.02 1.02 0.0570 40,00174 0.0420 0.0469 82.4 90.2 1.02 1.02 1.02 1.02 0.0570 40,00174 0.0439 84.5 88.3 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02	Benzoic acid	0.102	<0.00657	0.0162	0.0357	15.9	34.3	1.02	10.0-120		13	75.1	40	
0.0550 46.5 53.5 10.2 33.0-184 15.9 0.0550 0.0226 37.6 43.5 10.2 12.0-158 16.3 0.0550 0.0226 37.6 43.5 10.2 12.0-158 10.2 12.0-158 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	Benzylbutyl phthalate	0.0510	<0.00143	0.0453	0.0482	88.8	92.7	1.02	1.00-152			6.20	09	
0.05f0 <0.000101 0.0192 0.0226 37.6 43.5 1.02 120-158 16.3 0.05f0 <0.00106	Bis(2-chlorethoxy)methane	0.0510	<0.000991	0.0237	0.0278	46.5	53.5	1.02	33.0-184			15.9	54	
0.0510 -0,00116 0,0203 9,9 44,0 1,02 36,0-166 120 0.0510 -0,00318 0,0442 0,0470 86.7 90,4 1,02 8,0-158 6,14 0.0510 -0,00106 0,0459 0,0532 90,0 102 1,02 23,0-158 14,7 0.0510 -0,00102 0,0420 0,0420 1,80 82,4 90,2 1,02 1,0-168 10,5 0.0510 -0,00102 0,0420 0,0469 82,4 90,2 1,02 1,0-166 10,5 0.0510 -0,00174 0,0431 0,0459 84,5 88,3 1,02 1,0-120 11,0 0.0510 -0,00174 0,0431 0,0445 74,7 85,6 1,02 1,0-120 11,0 0.0510 -0,00170 0,0292 0,0432 7,3 64,2 1,0-120 1,0-120 1,1-1 0.0510 -0,0010 0,0325 0,0432 7,3 64,2 1,0-120 1,0-120	Bis(2-chloroethyl)ether	0.0510	<0.00101	0.0192	0.0226	37.6	43.5	1.02	12.0-158			16.3	108	
0.0510 <0.00318 0.0442 0.0470 86.7 90.4 102 8.00-158 6.14 0.0510 <0.00106	Bis(2-chloroisopropyl)ether	0.0510	<0.00116	0.0203	0.0229	39.8	44.0	1.02	36.0-166			12.0	76	
0.0510 <.0.00106 0.0459 0.0532 90.0 102 1,02 23.0-158 147 0.0510 <.0.00102	Bis(2-Ethylhexyl)phthalate	0.0510	<0.00318	0.0442	0.0470	86.7	90.4	1.02	8.00-158			6.14	82	
0.0510 <.0.00102 0.0388 0.0442 78.0 85.0 1.02 77.0-168 100.5 0.0510 <.0.00120	Carbazole	0.0510	<0.00106	0.0459	0.0532	90.0	102	1.02	23.0-158			14.7	26	
0.0510 <0.00120 0.0469 82.4 90.2 1.02 1.00-120 11.0 0.0510 <0.00174	Chrysene	0.0510	<0.00102	0.0398	0.0442	78.0	85.0	1.02	17.0-168			10.5	87	
0.0510 <0.00174 0.0451 84.5 88.3 1.02 4.00-146 6.29 0.0510 <0.00110	Di-n-butyl phthalate	0.0510	<0.00120	0.0420	0.0469	82.4	90.2	1.02	1.00-120			11.0	47	
0.0510 <0.00110 0.0381 0.0445 74.7 85.6 1.02 1.00-227 1.05.5 0.0510 <0.00120	Di-n-octyl phthalate	0.0510	<0.00174	0.0431	0.0459	84.5	88.3	1.02	4.00-146			6.29	. 69	
0.0510 <0.00120 0.0292 0.0334 57.3 64.2 1.02 17.0-150 13.4 0.0510 <0.000978	Dibenz(a,h)anthracene	0.0510	<0.00110	0.0381	0.0445	74.7	85.6	1.02	1.00-227			15.5	126	
0.0510 <0.000915 0.0368 0.0402 72.2 77.3 1.02 1.00-120 8.83 0.0510 <0.000878	Dibenzofuran	0.0510	<0.00120	0.0292	0.0334	57.3	64.2	1.02	17.0-150			13.4	27	
0.0510 <0.000878 0.0325 6.3.7 68.3 1.02 1.00-120 8.82 0.0510 <0.00144	Diethyl phthalate	0.0510	<0.000915	0.0368	0.0402	72.2	77.3	1.02	1.00-120			8.83	100	
0.0510 <0.00114 0.0399 0.0437 78.2 84.0 1.02 26.0-137 9.09 0.0510 <0.00131	Dimethyl phthalate	0.0510	<0.000878	0.0325	0.0355	63.7	68.3	1.02	1.00-120			8.82	183	
0.0510 <0.00131 0.0386 0.0438 75.7 84.2 1.02 59.0-121 12.6 0.0510 <0.00176	Fluoranthene	0.0510	<0.00114	0.0399	0.0437	78.2	84.0	1.02	26.0-137			60.6	99	
0.0510 <0.00176 0.0188 0.0249 36.9 47.9 1.02 24.0-120 27.9 0.0510 <0.00017	Huorene	0.0510	<0.00131	0.0386	0.0438	75.7	84.2	1.02	59.0-121			12.6	38	
0.0510 <0.000972 0.0326 0.0367 63.9 70.6 1.02 1.00-152 11.8 0.0510 <0.00117	Hexachloro-1,3-butadiene	0.0510	<0.00176	0.0188	0.0249	36.9	47.9	1.02	24.0-120			27.9	62	
0.0510 <0.00117 0.0274 0.0275 42.0 52.9 1.02 10.0-146 24.9 0.0510 <0.00188	Hexachlorobenzene	0.0510	<0.000972	0.0326	0.0367	63.9	- 9.07	1.02	1.00-152			11.8	55	
0.0510 <0.00188 0.0168 0.0182 32.9 35.0 1.02 40.0-120 <u>J6</u> 8.00	Hexachlorocyclopentadiene	0.0510	<0.00117	0.0214	0.0275	45.0	52.9	1.02	10.0-146			24.9	34	
	Hexachloroethane	0.0510	<0.00188	0.0168	0.0182	32.9	35.0	1.02	40.0-120	97	96	8.00	52	

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Semi Volatile Organic Compounds (GC/MS) by Method 625.1

QUALITY CONTROL SUMMARY

L1728708-01

L1728464-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	34	66	93	37	30	87	30	40	28	23	65	62	40	30	98	39	64	49	40	40						
	RPD	96	10.9	16.8	16.1	10.1	9.67	8.28	6.99	14.2	6.20	20.3	18.2	16.3	4.99	13.7	7.79	8.95	1.42	13.2	3.74	7.81						
	MSD Qualifier		Z				9		91																			
	MS Qualifier		NZ				76		97							76												
	Rec. Limits	%	18.0-156	1.00-171	21.0-196	10.0-127	60.0-140	1.00-230	60.0-140	10.0-120	16.0-160	17.0-126	21.0-133	35.0-180	37.0-142	60.0-140	14.0-176	54.0-120	5.00-120	52.0-120	10.0-120	10.0-118	29.0-132	26.0-102	10.0-66.0	15.0-106	10.0-120	10.0-54.0
	Dilution		1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02						
26/24 03:25	MSD Rec.	%	68.8	79.2	54.2	30.0	52.1	50.8	42.7	26.2	67.1	76.2	0.09	67.5	94.8	0.09	8.68	76.3	18.8	83.8	21.0	31.9	75.4	53.7	20.7	49.4	79.2	16.7
62477-4 04/	MS Rec.	96	62.9	68.2	47.1	27.6	48.2	47.6	40.6	23.1	64.3	63.3	51.0	58.4	92.0	53.3	84.7	71.2	19.5	74.9	50.6	35.2	74.5	44.6	21.5	42.3	79.8	17.4
55 · (MSD) R40	MSD Result	mg/l	0.0358	0.0412	0.0282	0.0156	0.0271	0.0264	0.0222	0.0136	0.0349	9650.0	0.0312	0.0351	0.0493	0.0312	0.0467	0.0397	6/600.0	0.0436	0.0109	0.0332						
04/26/24 02:5	MS Result	mg/l	0.0321	0.0348	0.0240	0.0141	0.0246	0.0243	0.0207	0.0118	0.0328	0.0323	0.0260	0.0298	0.0469	0.0272	0.0432	0.0363	0.00993	0.0382	0.0105	0.0359						
R4062477-3	Original Result	l/gm	<0.00124	<0.000984	<0.00183	<0.00158	<0.000735	<0.00107	<0.000925	<0.000651	<0.000829	<0.00128	<0.00200	<0.00124	<0.00286	<0.00134	<0.00210	<0.00113	<0.000967	<0.00115	<0.00117	<0.00153						
24 03:54 · (MS)	Spike Amount	mg/l	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.0510	0.102						
(OS) L1728464-04 04/26/24 03:54 • (MS) R4062477-3 04/26/24 02:55 • (MSD) R4062477-4 04/26/24 03:25		Analyte	1,2-Diphenylhydrazine	Indeno(1,2,3-cd)pyrene	Isophorone	n-Decane	n-Nitrosodi-n-butylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiethylamine	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Octadecane	Naphthalene	Nitrobenzene	Nonylphenol	Pentachlorobenzene	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	Total Cresols	(S) 2,4,6-Tribromophenol	(S) 2-Fluorobiphenyl	(S) 2-Fluorophenol	(S) Nitrobenzene-d5	(S) p-Terphenyl-d14	(S) Phenol-d6

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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDI	Mathead Data allocations
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and

Qualifier	Description
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
N2	Analyte reported using a calibration and validation based on Azobenzene (CAS 103-33-3). 1,2-Diphenylhydrazine decomposes into Azobenzene during the analysis.



T8

Sample(s) received past/too close to holding time expiration.

times of preparation and/or analysis.

05/10/24 12:34



















ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico 1	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina 1	DW21704
Seorgia	NELAP	North Carolina 3	41
Georgia ¹	923	North Dakota	R-140
ldaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
ndiana	C-TN-01	Oregon	TN200002
owa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Centucky ²	16	South Dakota	n/a
ouisiana	Al30792	Tennessee 14	2006
oulsiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA - ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA - ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		



Arkansas	88-0647	Kansas	E10388
Florida	E871118	Texas	T104704232-23-39
Iowa	408	Oklahoma	8727
Louisiana	30686		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable



















^{*} Not all certifications held by the laboratory are applicable to the results reported in the attached report.

^{*} Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Holiday Beach W.C.	n	Billing Information:	ation.	Access to the latest to the la			Apal	Analysis / Container / Preservative	tainer / P.	reservati	d)		Chain	Chain of Custody Page of &	G
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	<u> </u>	Rockport, TX 78382	TX 78382	J									1	Pace" PEOPLE ADVANCING SCIENCE	
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Company Name/Address: Holiday Beach WSC		Vernon Hale	lle		Pres Chk					Ç	
PO Box 807 Fulton, TX 78358		2611 Highway 35 N Rockport, TX 78382	2611 Highway 35 North Rockport, TX 78382	_						PACE.	ING SCIENCE
Report to:		Email To: wa	Email To: water@hbwsc.com		The chiefe					ALLEN, TX 400 W. Bethany Orne Jule 190 Aller Submitting a sample via this orain of	TX Adlen, TX 75013 in of custody
Project Description:	City/State Collected:			Please Circle: PT MT CT E	E E					Constitutes acnowledgment and acceptance of the Page Terms and Conditions found at: http://mfo.pacclubs.com/hubti/parstandard- terms.pd/	faceptance of the date
Phone: 361-205-318 4	Client Project #		Lab Project #			†OSZF	sandol			37L7 # 50S	728708
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Collected by (signature):	MUS	(Notified)	Quote #				HIM			Template: T251266	
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Comments

Date/Time:	
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Client:	
-	Client is Contacted for any issue listed above, fill in details below:
V Lot # of Pres	
Amount/typ	
4 bns Isitini	
♦ Preserved by	-Ve
	O DISCHARGE
	eserved properly and Sample Receiving adjusts pH, add details below:
*Other:	
-	nimproper headspace
A service of	ples arrived frozen
-	witin acceptance criteria (typically 0-6C)
*Preservatio	
-	Insufficient/Improper
*Custody Se	saing or compromised on samples, trip blanks or coolers
*Containers	
	n or compromised
Control	n needs to be brought to lab personnel's attention (details below)
_	Chlorine or Sulfide
Annual Vision of the Control of the	amaged or compromised
	ont volume received
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3. Sample in	issues: check applicable issues below and add details where appropriate:
*Required	es are missing
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*Samples li	COC do not match samples recieved (missing, additional, etc.)
*Analyses o	tes: missing or Clarification needed
*Collection	me missing or incorrect
-	plete, check applicable issues below and add details where appropiate:
-	Alab personnel. Note issues on this MCF.
ı. If Chain	ody (COC) is not received: contact client and if necessary, fill out a COC and indica
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Time estima	Time spent: oh

24 April 2024 5:36 PM

Olivia Currie

Sulfide pH of 10 metals pH of 8; see details above

DFW 1x-us 75013

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lssuing Authority: Pace Dallas Quality Office	Document No.: F-DAL-C-001-rev.14	
Document Revised: 7/27/20 Page 1 of 1	Document Name: Sample Condition Upon Receipt	Pace Analytical

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□ AN \(\rightarrow \) \(\ri	POSSON Strips: Ves a National Chlorine Present ONSM(1995)
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as receipt in which evidence of cooling is acceptable	Temperature should be above freezing to 6°C unless collected same day as is get Person:
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Issuing Authority: Pace Dallas Quality Office	Document No.: F-DAL-C-001-rev.14
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Date:

Labeling Person (if different than log-in):

Holiday Beach WSC PO Box 807 Fulton, TX 78358	730000000000000000000000000000000000000			Agabe	S/Contair	Preven	ative	fire-resident statements	Chain of Custody Page 1 of 3	S
PO Bax 807 Fulton, TX 78358	Vernon Hale	Dyse	1					1000000		Š
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Report to: Vernon Hale	Email To: water@hbwsc.com	T							ALLEN. TS	
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Holiday Beach WSC	Vern	Vernon Hale	Value Value				0
PO Box 807 Fulton, TX 78358	2611 Rock	2611 Highway 35 North Rockport, TX 78382					Pace
Report to: Vernon Hale	Engl	Email To, water@hbwsc.com	UI.				ALLEN, TX
Project Description	Collected		Please Grote				
Phone: 361-205-3184	Glent Project #	Lab Project #			40Pres	out of	300 1 17870S
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Document Revised: 3/27/20 Page 1 of 1	1	Document I noilibno Decument I	leathylead gae?

Date:

Labeling Person (if different than log-in)





May 02, 2024

Jeremy Watkins Pace Analytical Dallas 400 West Bethany Drive Suite 190 Allen, TX 75013

RE:

Project: L1728708 WG2273737

Pace Project No.: 40277363

Dear Jeremy Watkins:

Enclosed are the analytical results for sample(s) received by the laboratory on April 25, 2024. 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 Analytical Services - Green Bay

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

Sincerely,

Angela Lane

angela.lane@pacelabs.com

(920)469-2436 Project Manager

Enclosures

cc: Client Services, Pace Analytical Allen







CERTIFICATIONS

Project:

L1728708 WG2273737

Pace Project No.:

40277363

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150

South Carolina Certification #: 83006001 Texas Certification #: T104704529-21-8 Virginia VELAP Certification ID: 11873 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-21-00008 Federal Fish & Wildlife Permit #: 51774A





SAMPLE SUMMARY

Project:

L1728708 WG2273737

Pace Project No.: 40277363

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40277363001	RO DISCHARGE	Water	04/23/24 08:15	04/25/24 09:50

REPORT OF LABORATORY ANALYSIS





SAMPLE ANALYTE COUNT

Project:

L1728708 WG2273737

Pace Project No.:

40277363

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40277363001	RO DISCHARGE	EPA 1631E	MRP	1

PASI-G = Pace Analytical Services - Green Bay





ANALYTICAL RESULTS

Project:

L1728708 WG2273737

Pace Project No.: 40277363

Date: 05/02/2024 05:04 PM

Sample: RO DISCHARGE	Lab ID: 402	277363001	Collected: 04/23/2	24 08:15	Received: 04	4/25/24 09:50	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level	Analytical Met	thod: EPA 163	31E Preparation Me	thod: EF	A 1631E			
	Pace Analytic	al Services - 0	Green Bay					
Mercury	ND	ng/L	0.50	4	04/20/24 00:20	05/02/24 12:24	7/20 07 6	



QUALITY CONTROL DATA

Project:

L1728708 WG2273737

Pace Project No.:

40277363

QC Batch:

473091

Analysis Method:

EPA 1631E

QC Batch Method:

EPA 1631E

Analysis Description:

1631E Mercury

Laboratory:

Pace Analytical Services - Green Bay

Associated Lab Samples:

40277363001

METHOD BLANK: 2709383

Matrix: Water

Associated Lab Samples:

40277363001

Units

ng/L

Units

ng/L

ng/L

Blank Result

Reporting Limit

0.50

0.50

0.50

Qualifiers Analyzed

05/02/24 11:20

Mercury

Parameter

METHOD BLANK: 2709384

40277363001

Matrix: Water

ND

Associated Lab Samples:

Blank Result Reporting Limit

Analyzed

Qualifiers

Mercury

METHOD BLANK: 2709385

Parameter

Parameter

Associated Lab Samples:

40277363001

Matrix: Water

ND

ND

Units

Blank Result Reporting Limit

Analyzed 05/02/24 13:12

05/02/24 12:58

Qualifiers

Mercury

METHOD BLANK: 2709386

Matrix: Water

Associated Lab Samples:

40277363001

Blank Result Reporting

5.28

4.72

Limit Analyzed

Qualifiers

Mercury

Units ng/L

ND

5

5

05/02/24 11:26 0.53

LABORATORY CONTROL SAMPLE:

Parameter

Parameter

2709387

Units

ng/L

Units

ng/L

Spike Conc.

LCS Result

LCS % Rec

106

94

% Rec Limits

Qualifiers

Mercury

Mercury

LABORATORY CONTROL SAMPLE:

2709388

Spike

LCS

LCS

% Rec

79-121

Parameter

Date: 05/02/2024 05:04 PM

Conc.

Result

% Rec

Limits 79-121 Qualifiers

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

This report shall not be reproduced, except in full,

without the written consent of Pace Analytical Services, LLC.





QUALITY CONTROL DATA

Project:

L1728708 WG2273737

Pace Project No.:

Date: 05/02/2024 05:04 PM

40277363

MATRIX SPIKE & MATRIX	SPIKE DUPL	ICATE: 2711	607		2711608							
			MS	MSD								
		40277443001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Mercury	ng/L	10.2	20	20	29.2	27.9	95	89	75-125	5	24	

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.





QUALIFIERS

Project:

L1728708 WG2273737

Pace Project No.:

40277363

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

Date: 05/02/2024 05:04 PM





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:

L1728708 WG2273737

Pace Project No.:

Date: 05/02/2024 05:04 PM

40277363

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40277363001	RO DISCHARGE	EPA 1631E	473091	EPA 1631E	473467

40277363

Sub-Contract Chain of Custody

Batch Date/Time: 04/24/24 16:22 Sub-Contract Lab: PACEGBWI Address: 1241 Bellvue Street, Suite

9 City/State: Green Bay, WI 54302

Contact:

Angela.Lane@pacelabs com Owner Lab: PACEATX

Address: 400 W. Bethany Drive

Suite 190

City/State: Allen, TX 75013 Phone: (972) 727-1123

Far

Pace Analytical®

400 W. Bethany Drive Suite 190 Allen, TX 75013 Phone: (972) 727-1123

WO: WG2273737

Email: Dallas_Sub@pacelabs com Results Due Date: 05/01/24 ESC Purchase Order #: L1728708 Send Reports to: Olivia M Currie

Sample ID Container ID	Matrix	State	Collect Date	Description	Method	Sample Number Lab Use Only	Sample Comments Lab Use Only	1
RO DISCHARGE 47407418			04/23/24 08:15			1. L1728708-01	(100)	1
*= Container used for n	nultiple Sar	nples ar	nd/or Analyses					
Relinquished by:	7,/	, _	ma-	116.16.5	7 <u>~</u>			
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Volume 2.5/5 2.5/5 2.5 / 5 (III) 2.5 / 5 2.5/5 2.5 / 5 2.5 / 5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 Date/ Time: Hafter adjusted NO3 pH S2 VaOH pH 212 Initial when completed. 84 Hq ISA nZ+HOB 42504 pH S2 * (mm8<) slsiV AO\ CN 5 General CN J SPLC Lab Std #ID of preservation (if pH adjusted): TSGS WPFU Sample Preservation Receipt Form Project # 40277563 WGFU Jars บออเ 3 UGFU Q69A M69A MC9H Vials U69V Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other. Tead 365A BP2Z Client Name: P(L(CTX)
All containers needing preservation have been checked and noted below. Lab Lot# of pH paper: **BP35** ВРЗИ Plastic 8698 UE98 Urqa BG3N **YGSS** 7 USDA Glass Yet2 **HFDA** BG10 UraA Pace Lab# 005 004 001 003 900 800 010 007 600 012 014 011 013 015 016 018 017 019 020

DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form

Effective Date: 8/16/2022

5.07.5		Page 1 of 2
Headspace in VOA Vials (>6mm): □Yes □No □M/A *If was look in hoodspace	JGFU 4 oz amber jar unpres JG9U 9 oz amber jar unpres WGFU 4 oz clear jar unpres WPFU 4 oz plastic jar unpres SP5T 120 mL plastic Na Thiosulfate GN 1	
n VOA Vials	JGFU JG9U WGFU WPFU SP5T ZPLC GN1	GNZ
Headspace	BP1UI liter plastic unpresVG9C40 mL clear ascorbic w/ HClBP3U250 mL plastic unpresDG9T40 mL amber Na ThioBP3R250 mL plastic HNO3VG9U40 mL clear vial unpresBP3S250 mL plastic H2SO4VG9M40 mL clear vial MeOHBP2Z500 mL plastic NaOH + ZnVG9D40 mL clear vial MeOH	
A 2.411	AG10 I liter amber glass BG10 I liter clear glass AG1H I liter amber glass HCL AG4S 125 mL amber glass H2C04 AG50 100 mL amber glass unpres AG2S 500 mL amber glass H2SO4 BG3U 250 mL clear glass unpres	

Pace® Analytical Services, LLC

DC#_Title: ENV-FRM-GBAY-0014 v03_SCUR

Effective Date: 8/17/2022

Sample Condition Upon Receipt Form (SCUR)

Client Name: Dive to				Project #:	
Client Name: Mu TX			_	11011 - 40077000	
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Pace Other:				BI M B IX MB IX BI IX BI IX BI	
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custody seal on Samples Present: Ves	no	See	le intac	of Caracteristics	
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Cooler Temperature Uncorr: VA /Corr:			_	Person examining contents:	
Temp Blank Present: yes no		Bio	logical	Il Tissue is Frozen: Tyes no Date: HThy Initials 1	
Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C if shipped on Di	ny Ice			CKI	7
Chain of Custody Description	₩ 100.	: Пис	D DNA	Labeled By Initials:	싀
Chain of Custody Filled Out:		□ No			\dashv
Chain of Custody Relinquished:		□ No			\dashv
Sampler Name & Signature on COC:				14. 1800 mH 4/25/Ly	\dashv
Samples Arrived within Hold Time:	-ETYes			5.	\dashv
- DI VOA Samples frozen upon receipt	□Yes	□No		Date/Time:	
Short Hold Time Analysis (<72hr):	□Yes	⊟ ₩)	6.	\dashv
Rush Turn Around Time Requested:	□Yes	ØN₀		7.	\dashv
Sufficient Volume:				8.	\dashv
For Analysis: Pres No MS/MSD:	□Yes	-⊟tNo	□N/A	4	
Correct Containers Used:	□Yes	□No		9.	\dashv
Correct Type: Pace Green Bay, Pace JR, Non-Pace					
Containers Intact:	.⊟∀es	□No		10.	\dashv
Filtered volume received for Dissolved tests	□Yes	□No	-EN/A	11.	\dashv
Sample Labels match COC:	⊟ Yes		□n/a	12.	\dashv
-Includes date/time/ID/Analysis Matrix:	_ `v	/			
Trip Blank Present:	□Yes	□No	DINTA	13.	\dashv
			-EM/A	l .	-
Pace Trip Blank Lot # (if purchased):					
Client Notification/ Resolution:				If checked, see attached form for additional comments	ᅱ
Person Contacted: Comments/ Resolution:			Date/T	Time:	-
					_
					_
					_
'M Review is documented electronically in LIMs.	By re	leasin	ig the p	project, the PM acknowledges they have reviewed the sample log	ıi,
				Page 2 of 2	#55
				rage_C_orC_	_



Pace Analytical® ANALYTICAL REPORT

May 16, 2024





















Holiday Beach WSC

Sample Delivery Group:

L1731230

Samples Received:

05/01/2024

Project Number:

Description:

Report To:

Vernon Hale

PO Box 807

Fulton, TX 78358

Entire Report Reviewed By:

Lori A Vahrenkamp Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace
Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and
ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

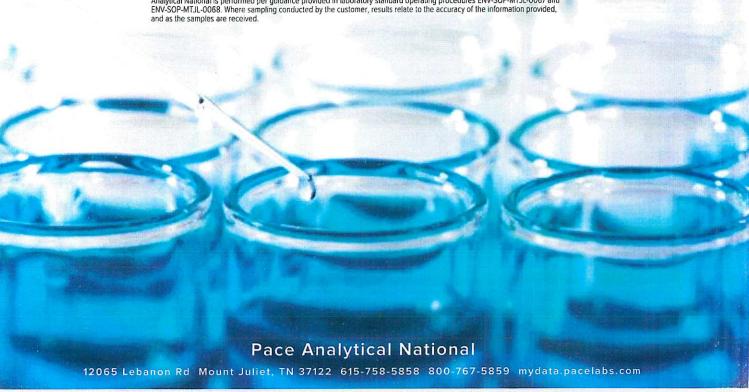


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Sc: Sample Chain of Custody

50

SAMPLE SUMMARY

RO DISCHARGE L1731230-01 WW

Collected by Vernon Hale Collected date/time Received date/time 04/30/24 08:15

05/01/24 09:00

3
IC

















NO DISCHIMOL ENGIZED OF WW						
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Calculated Results	WG2280184	1	05/07/24 13:20	05/07/24 13:20	SKH	Allen, TX
Gravimetric Analysis by Method 2540C	WG2279100	1	05/02/24 14:33	05/02/24 16:02	QQT	Allen, TX
Gravimetric Analysis by Method 2540C	WG2280611	1	05/05/24 11:31	05/05/24 12:57	QQT	Allen, TX
Gravimetric Analysis by Method 2540D	WG2280949	1	05/06/24 09:12	05/06/24 10:18	QQT	Allen, TX
Wet Chemistry by Method 1664A	WG2281059	1	05/06/24 18:10	05/07/24 10:54	TK	Allen, TX
Wet Chemistry by Method 2120B	WG2278320	1	05/01/24 16:10	05/01/24 16:10	SMC	Allen, TX
Wet Chemistry by Method 2320B	WG2281089	1	05/06/24 11:59	05/06/24 11:59	SEN	Allen, TX
Wet Chemistry by Method 300.0	WG2277987	1	05/01/24 15:21	05/01/24 15:21	SMC	Allen, TX
Wet Chemistry by Method 300.0	WG2277987	100	05/01/24 16:33	05/01/24 16:33	SMC	Allen, TX
Wet Chemistry by Method 300.0	WG2277987	2	05/01/24 16:51	05/01/24 16:51	SMC	Allen, TX
Wet Chemistry by Method 300.0	WG2277987	500	05/01/24 18:02	05/01/24 18:02	SMC	Allen, TX
Wet Chemistry by Method 3500Cr-B	WG2279561	1	05/03/24 11:59	05/03/24 11:59	KCM	Allen, TX
Vet Chemistry by Method 351.2	WG2281487	1	05/07/24 09:21	05/08/24 14:49	EIG	Allen, TX
Vet Chemistry by Method 353.2	WG2284079	1	05/10/24 14:25	05/10/24 14:25	EIG	Allen, TX
Wet Chemistry by Method 4500CN-E	WG2278800	1	05/02/24 10:00	05/02/24 16:22	KCM	Allen, TX
Net Chemistry by Method 4500P-E	WG2279563	10	05/03/24 16:01	05/03/24 16:01	SMC	Allen, TX
Net Chemistry by Method 4500-S2 D	WG2278766	1	05/02/24 10:38	05/02/24 10:38	JBS	Allen, TX
Wet Chemistry by Method 5210 B-2016	WG2277918	1	05/01/24 14:11	05/06/24 10:06	JBS	Allen, TX
Vet Chemistry by Method 5210 B-2016	WG2277921	1	05/01/24 15:16	05/06/24 11:22	JBS	Allen, TX
Vet Chemistry by Method 5220D	WG2281097	1	05/06/24 14:34	05/06/24 15:26	JBS	Allen, TX
Vet Chemistry by Method 5310C	WG2280896	1	05/06/24 13:12	05/06/24 13:12	SMC	Allen, TX
Vet Chemistry by Method 5540C	WG2278227	1	05/01/24 14:00	05/01/24 17:06	KCM	Allen, TX
Vet Chemistry by Method SM 4500-H+B	WG2279852	1	05/03/24 14:11	05/03/24 14:11	JBS	Allen, TX
Vet Chemistry by Method SM4500NH3H	WG2279932	1	05/04/24 13:56	05/04/24 13:56	KCM	Allen, TX
Metals (ICP) by Method 200.7	WG2280184	1	05/04/24 09:30	05/07/24 13:20	SKH	Allen, TX
olatile Organic Compounds (GC/MS) by Method 624.1	WG2278424	1	05/02/24 15:41	05/02/24 15:41	ZST	Allen, TX
esticides (GC) by Method EPA 608.3	WG2280140	1	05/04/24 15:07	05/05/24 23:12	RDH	Mt. Juliet, TN
olychlorinated Biphenyls (GC) by Method EPA-608.3	WG2280140	1	05/04/24 15:07	05/05/24 23:12	RDH	Mt. Juliet, TN
emi Volatile Organic Compounds (GC/MS) by Method 625.1	WG2278666	1	05/06/24 12:11	05/07/24 21:52	XLY	Allen, TX
ubcontracted Analyses	WG2278328	1	05/15/24 00:00	05/15/24 00:00	WWL	Green Bay, WI 54302

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.





















Jai V M M M Lori A Vahrenkamp

Project Manager

Project Narrative

L1731230 -01 contains subout data that is included after the chain of custody.

Sample Delivery Group (SDG) Narrative

The following analysis were performed from an unpreserved, insufficiently or inadequately preserved sample.

Lab Sample ID

Project Sample ID

Method

L1731230-01

RO DISCHARGE

3500Cr-B, 1664A

An aliquot for analysis was taken from the original container received due to volume requirements of the laboratory's procedure. Rinsing of the original sample container for inclusion in the sample extraction was not performed.

Lab Sample ID

Project Sample ID

Method

L1731230-01

RO DISCHARGE

EPA 608.3, EPA-608.3

RO DISCHARGE

Collected date/time: 04/30/24 08:15

SAMPLE RESULTS - 01

Calculated Results

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Chromium,Trivalent	<0.000710		0.000710	0.00300	1	05/07/2024 13:20	WG2280184



Gravimetric Analysis by Method 2540C

	Result	Qualifier	RDL	Dilution	Analysis	Batch		
Analyte	mg/l		mg/l		date / time			
Total Dissolved Solids	8690		50.0	1	05/02/2024 16:02	WG2279100		
Total Dissolved Solids	8930		125	1 1	05/05/2024 12:57	WG2280611		



Gravimetric Analysis by Method 2540D

	Result	RDL	Dilution	Analysis	Batch
Analyte	mg/l	mg/I		date / time	
Suspended Solids	8.13	3.13	1	05/06/2024 10:18	WG2280949



Ss

Wet Chemistry by Method 1664A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
Oil & Grease (Hexane Extr)	<0.407		0.407	5.81	1 🚺	05/07/2024 10:54	WG2281059	



	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/I		date / time	
Oil & Grease (Hexane Extr)	<0.407		0.407	5.81	1 🕴	05/07/2024 10:54	WG2281059



Wet Chemistry by Method 2120B

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	units		units		date / time	
Color	10.0		5.00	1	05/01/2024 16:10	WG2278320

Sc

Sample Narrative:

L1731230-01 WG2278320: 8.0

Wet Chemistry by Method 2320B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/l		mg/l	mg/l		date / time	
Alkalinity	2450		20.0	20.0	1	05/06/2024 11:59	WG2281089
Alkalinity,Bicarbonate	2450		20.0	20.0	1	05/06/2024 11:59	WG2281089
Alkalinity,Carbonate	<20.0		20.0	20.0	1	05/06/2024 11:59	WG2281089
Alkalinity,Hydroxide	<20.0		20.0	20.0	1	05/06/2024 11:59	WG2281089
Phenolphthalein Alkalinity	<20.0		20.0	20.0	1	05/06/2024 11:59	WG2281089

Wet Chemistry by Method 300.0

	2000 2K	COKO Zakra	2000	0.000	Various Association	2000	2000
	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>
Analyte mg/l	mg/l		mg/l	mg/l		date / time	
3romide	17.6	***************************************	0.153	0.800	2	05/01/2024 16:51	WG2277987
Chloride	1370		27.0	400	500	05/01/2024 18:02	WG2277987
Fluoride	5.64		0.397	1.00	2	05/01/2024 16:51	WG2277987
Vitrate	1.27		0.207	0.500	1	05/01/2024 15:21	WG2277987
Sulfate	1090		39.3	70.0	100	05/01/2024 16:33	WG2277987

Net Chemistry by Method 3500Cr-B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>
ınalyte	mg/l		mg/I	mg/l		date / time	
:hromium,Hexavalent	<0.00200		0,00200	0.00300	1	05/03/2024 11:59	WG2279561

Vet Chemistry by Method 351.2

la grand and	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
nalyte	mg/l		mg/l	mg/I		date / time		

SAMPLE RESULTS - 01

L1731230

Wet	Chemistry	/ by	Method	3512
VVCL	CHEIIIISLI	10)	Method	JUI.Z

Collected date/time: 04/30/24 08:15

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Kjeldahl Nitrogen, TKN	0.649		0.140	0.250	1	05/08/2024 14:49	WG2281487





	Result	Qualifier	MDL	RDL	Dilution	Analysis	Balch
Analyte	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	<0.0300		0.0300	0.0500	1	05/10/2024 14:25	WG2284079



Ss

Cn

Wet Chemistry by Method 4500CN-E

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Cyanide	< 0.00430		0.00430	0.0100	1	05/02/2024 16:22	WG2278800



Wet Chemistry by Method 4500P-E

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I	mg/l		date / time	
Phosphorus, Total	2.45		0.152	0.500	10	05/03/2024 16:01	WG2279563



Wet Chemistry by Method 4500-S2 D

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/I		mg/l	mg/l		date / time		
Sulfide	< 0.0230		0.0230	0.100	1	05/02/2024 10:38	WG2278766	



Sc

Wet Chemistry by Method 5210 B-2016

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		rng/l		date / time	
BOD	<1.00		1.00	1	05/06/2024 10:06	WG2277918
CBOD	<1.00		1.00	1	05/06/2024 11:22	WG2277921

Wet Chemistry by Method 5220D

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/I		date / time		
COD	138		16.1	35.0	1	05/06/2024 15:26	WG2281097	

Wet Chemistry by Method 5310C

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
TOC (Total Organic Carbon)	6.39		0.270	0.700	1	05/06/2024 13:12	WG2280896	

Wet Chemistry by Method 5540C

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/I		mg/l	mg/l		date / time	
MBAS	< 0.360	J5	0.360	0.500	1	05/01/2024 17:06	WG2278227

Wet Chemistry by Method SM 4500-H+B

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	su			date / time	
рН	8.31	T8	1	05/03/2024 14:11	WG2279852

Sample Narrative:

L1731230-01 WG2279852: 8.31 at 20.7C

SAMPLE RESULTS - 01

Collected date/time: 04/30/24 08:15

Wet Chemistry by Method SM4500NH3H

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
Ammonia Nitrogen	0.639		0.0280	0.100	1	05/04/2024 13:56	WG2279932	



Metals (ICP) by Method 200.7

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/I		mg/I	mg/l		date / time		
Aluminum	0.0412	ī	0.0353	0.500	1	05/07/2024 13:20	WG2280184	
Antimony	< 0.00242		0.00242	0.0250	1	05/07/2024 13:20	WG2280184	
Arsenic	< 0.00418		0.00418	0.0200	1	05/07/2024 13:20	WG2280184	
Barium	0.190		0.000490	0.0100	1	05/07/2024 13:20	WG2280184	
Beryllium	<0.000180		0.000180	0.00100	1	05/07/2024 13:20	WG2280184	
Boron	2.15		0.0186	0.100	1	05/07/2024 13:20	WG2280184	
Cadmium	0.000491	ī	0.000350	0.00500	1	05/07/2024 13:20	WG2280184	
Chromium	< 0.000710		0.000710	0.00700	1	05/07/2024 13:20	WG2280184	
Cobalt	<0.000680		0.000680	0.00250	1	05/07/2024 13:20	WG2280184	
Copper	< 0.00364		0.00364	0.0200	1	05/07/2024 13:20	WG2280184	
Iron	0.157	<u>J</u>	0.0303	0.500	1	05/07/2024 13:20	WG2280184	
Lead	0.0116		0.00312	0.0100	1	05/07/2024 13:20	WG2280184	
Magnesium	119		0.0434	1.00	1	05/07/2024 13:20	WG2280184	
Manganese	0.393		0.00557	0.0500	1	05/07/2024 13:20	WG2280184	
Molybdenum	0.132		0.00760	0.0300	1	05/07/2024 13:20	WG2280184	
Nickel	0.0141		0.00358	0.0100	1	05/07/2024 13:20	WG2280184	
Selenium	< 0.00500		0.00500	0.0200	1	05/07/2024 13:20	WG2280184	
Silver	<0.000990		0.000990	0.00500	1	05/07/2024 13:20	WG2280184	
Thallium	< 0.00775		0.00775	0.0200	1	05/07/2024 13:20	WG2280184	
Tin	<0.00240		0.00240	0.0250	1	05/07/2024 13:20	WG2280184	
Titanium	0.0109	J	0.00835	0.100	1	05/07/2024 13:20	WG2280184	
Zinc	0.0295		0.0106	0.0250	1	05/07/2024 13:20	WG2280184	



Ss





Qc







Volatile Organic Compounds (GC/MS) by Method 624.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
1,1,1-Trichloroethane	<0.00335		0.00335	0.00500	1	05/02/2024 15:41	WG2278424	
1,1,2,2-Tetrachloroethane	< 0.000596		0.000596	0.00500	1	05/02/2024 15:41	WG2278424	
I,1,2-Trichloroethane	< 0.00145		0.00145	0.00500	1	05/02/2024 15:41	WG2278424	
1,1-Dichloroethane	<0.00292		0.00292	0.00500	1	05/02/2024 15:41	WG2278424	
,1-Dichloroethene	< 0.00367		0.00367	0.00500	1	05/02/2024 15:41	WG2278424	
,2-Dichlorobenzene	< 0.00172		0.00172	0.00200	1	05/02/2024 15:41	WG2278424	
,2-Dichloroethane	<0.00195		0.00195	0.00500	1	05/02/2024 15:41	WG2278424	
,2-Dichloropropane	<0.000804		0.000804	0.00200	1	05/02/2024 15:41	WG2278424	
,3-Dichlorobenzene	< 0.00419		0.00419	0.00500	1	05/02/2024 15:41	WG2278424	
,4-Dichlorobenzene	< 0.00173		0.00173	0.00200	1	05/02/2024 15:41	WG2278424	
-Chloroethyl vinyl ether	< 0.00652		0.00652	0.0100	1	05/02/2024 15:41	WG2278424	
crolein	< 0.00544		0.00544	0.0100	1	05/02/2024 15:41	WG2278424	
crylonitrile	< 0.00709		0.00709	0.0100	1	05/02/2024 15:41	WG2278424	
enzene	< 0.00207		0.00207	0.00500	1	05/02/2024 15:41	WG2278424	
romodichloromethane	< 0.00179		0.00179	0.00200	1	05/02/2024 15:41	WG2278424	
romoform	< 0.000960		0.000960	0.0100	1	05/02/2024 15:41	WG2278424	
romomethane	< 0.00347		0.00347	0.00500	1	05/02/2024 15:41	WG2278424	
arbon tetrachloride	< 0.00159		0.00159	0.00200	1	05/02/2024 15:41	WG2278424	
hlorobenzene	< 0.00276		0.00276	0.0100	1	05/02/2024 15:41	WG2278424	
hloroethane	<0.00296		0.00296	0.00500	1	05/02/2024 15:41	WG2278424	
hloroform	< 0.00212		0.00212	0.00500	1	05/02/2024 15:41	WG2278424	
hloromethane	< 0.00361		0.00361	0.00500	1	05/02/2024 15:41	WG2278424	
s-1,2-Dichloroethene	< 0.00113		0.00113	0.00500	1	05/02/2024 15:41	WG2278424	
s-1,3-Dichloropropene	< 0.00492		0.00492	0.0100	1	05/02/2024 15:41	WG2278424	

SAMPLE RESULTS - 01

Collected date/time: 04/30/24 08:15

Volatile Organic Compounds (GC/MS) by Method 624.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
Dibromochloromethane	<0.00327		0.00327	0.00500	1	05/02/2024 15:41	WG2278424	
Ethylbenzene	< 0.000401		0.000401	0.00200	1	05/02/2024 15:41	WG2278424	
Methylene Chloride	< 0.0117		0.0117	0.0200	1	05/02/2024 15:41	WG2278424	
Tetrachloroethene	<0.00486		0.00486	0.0100	1	05/02/2024 15:41	WG2278424	
Toluene	< 0.00219		0.00219	0.00500	1	05/02/2024 15:41	WG2278424	
Total 1,3-Dichloropropene	< 0.00372		0.00372	0.0100	1	05/02/2024 15:41	WG2278424	
trans-1,2-Dichloroethene	< 0.00501		0.00501	0.0100	1	05/02/2024 15:41	WG2278424	
trans-1,3-Dichloropropene	< 0.00460		0.00460	0.00500	1	05/02/2024 15:41	WG2278424	
Trichloroethene	< 0.00262		0.00262	0.00500	1	05/02/2024 15:41	WG2278424	
Vinyl chloride	< 0.00466		0.00466	0.00500	1	05/02/2024 15:41	WG2278424	
(S) 1,2-Dichloroethane-d4	101			70.0-130		05/02/2024 15:41	WG2278424	
(S) 4-Bromofluorobenzene	102			70.0-130		05/02/2024 15:41	WG2278424	
(S) Toluene-d8	100			70.0-130		05/02/2024 15:41	WG2278424	



	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Aldrin	< 0.0000198		0.0000198	0.0000500	1	05/05/2024 23:12	WG2280140
Alpha BHC	< 0.0000172		0.0000172	0.0000500	1	05/05/2024 23:12	WG2280140
Beta BHC	<0.0000208		0.0000208	0.0000500	1	05/05/2024 23:12	WG2280140
Delta BHC	< 0.0000150		0.0000150	0.0000500	1	05/05/2024 23:12	WG2280140
Gamma BHC	<0.0000209		0.0000209	0.0000500	1	05/05/2024 23:12	WG2280140
Chlordane	< 0.0000198		0.0000198	0.00500	1	05/05/2024 23:12	WG2280140
4,4-DDD	< 0.0000177		0.0000177	0.0000500	1	05/05/2024 23:12	WG2280140
4,4-DDE	< 0.0000154		0.0000154	0.0000500	1	05/05/2024 23:12	WG2280140
4,4-DDT	< 0.0000198		0.0000198	0.0000500	1	05/05/2024 23:12	WG2280140
Dieldrin	< 0.0000162		0.0000162	0.0000500	1	05/05/2024 23:12	WG2280140
Endosulfan I	< 0.0000160		0.0000160	0.0000500	1	05/05/2024 23:12	WG2280140
Endosulfan II	< 0.0000164		0.0000164	0.0000500	1	05/05/2024 23:12	WG2280140
Endosulfan sulfate	< 0.0000217		0.0000217	0.0000500	1	05/05/2024 23:12	WG2280140
Endrin	< 0.0000161		0.0000161	0.0000500	1	05/05/2024 23:12	WG2280140
Endrin aldehyde	< 0.0000237		0.0000237	0.0000500	1	05/05/2024 23:12	WG2280140
Endrin ketone	< 0.0000219		0.0000219	0.0000500	1	05/05/2024 23:12	WG2280140
Heptachlor	< 0.0000148		0.0000148	0.0000500	1	05/05/2024 23:12	WG2280140
Heptachlor epoxide	<0.0000183		0.0000183	0.0000500	1	05/05/2024 23:12	WG2280140
Hexachlorobenzene	<0.0000176		0.0000176	0.0000500	1	05/05/2024 23:12	WG2280140
Methoxychlor	< 0.0000193		0.0000193	0.0000500	1	05/05/2024 23:12	WG2280140
Toxaphene	<0.000168		0.000168	0.000500	1	05/05/2024 23:12	WG2280140
gamma-Chlordane	< 0.0000137		0.0000137	0.0000500	1	05/05/2024 23:12	WG2280140
alpha-Chlordane	< 0.0000149		0.0000149	0.0000500	1	05/05/2024 23:12	WG2280140
(S) Decachlorobiphenyl	57.7			10.0-144		05/05/2024 23:12	WG2280140
(S) Tetrachloro-m-xylene	67.2			10.0-135		05/05/2024 23:12	WG2280140

Polychlorinated Biphenyls (GC) by Method EPA-608.3

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
PCB 1016	< 0.000270		0.000270	0.000500	1	05/05/2024 23:12	WG2280140
PCB 1221	< 0.000270		0.000270	0.000500	1	05/05/2024 23:12	WG2280140
PCB 1232	<0.000270		0.000270	0.000500	1	05/05/2024 23:12	WG2280140
PCB.1242	< 0.000270		0.000270	0.000500	1	05/05/2024 23:12	WG2280140
PCB 1248	< 0.000173		0.000173	0.000500	1	05/05/2024 23:12	WG2280140
PCB 1254	< 0.000173		0.000173	0.000500	1	05/05/2024 23:12	WG2280140
PCB 1260	< 0.000173		0.000173	0.000500	1	05/05/2024 23:12	WG2280140
Total PCBs	< 0.000173		0.000173	0.000500	1	05/05/2024 23:12	WG2280140
(S) Decachlorobiphenyl	<i>75.6</i>			10.0-144		05/05/2024 23:12	WG2280140

ACCOUNT: Holiday Beach WSC PROJECT:

SDG: L1731230

DATE/TIME: 05/16/24 16:02

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SAMPLE RESULTS - 01

Collected date/time: 04/30/24 08:15

Polychlorinated Biphenyls (GC) by Method EPA-608.3

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
(S) Tetrachloro-m-xylene	88.4			10.0-135		05/05/2024 23:12	WG2280140	





Semi Volatile	Organic	Compounds	(GC/MS)	by Method 62	25.1
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	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
1,2,4,5-Tetrachlorobenzene	< 0.00132		0.00132	0.00250	1	05/07/2024 21:52	WG2278666	
1,2,4-Trichlorobenzene	< 0.00159		0.00159	0.00250	1	05/07/2024 21:52	WG2278666	
1,2-Dichlorobenzene	<0.00168		0.00168	0.00250	1 1	05/07/2024 21:52	WG2278666	
1,3-Dichlorobenzene	< 0.00170		0.00170	0.00250	1	05/07/2024 21:52	WG2278666	
1,4-Dichlorobenzene	<0.00184		0.00184	0.00250	1	05/07/2024 21:52	WG2278666	
2,2-Oxybis(1-Chloropropane)	< 0.00116		0.00116	0.00250	1	05/07/2024 21:52	WG2278666	
2,4,5-Trichlorophenol	< 0.00193		0.00193	0.00250	1	05/07/2024 21:52	WG2278666	
2,4,6-Trichlorophenol	< 0.00179		0.00179	0.00250	1	05/07/2024 21:52	WG2278666	
2,4-Dichlorophenol	<0.000820		0.000820	0.00250	1	05/07/2024 21:52	WG2278666	
2,4-Dimethylphenol	< 0.00142		0.00142	0.00500	1	05/07/2024 21:52	WG2278666	
2,4-Dinitrophenol	< 0.00115		0.00115	0.00500	1	05/07/2024 21:52	WG2278666	
2,4-Dinitrotoluene	< 0.00265		0.00265	0.00500	1	05/07/2024 21:52	WG2278666	
2,6-Dichlorophenol	< 0.00107		0.00107	0.00250	1	05/07/2024 21:52	WG2278666	
2,6-Dinitrotoluene	<0.00181		0.00181	0.00500	1	05/07/2024 21:52	WG2278666	
2-Chloronaphthalene	< 0.00143		0.00143	0.00250	1	05/07/2024 21:52	WG2278666	
2-Chlorophenol	<0.000820		0.000820	0.00250	1	05/07/2024 21:52	WG2278666	
2-Methylphenol	<0.000760		0.000760	0.00500	1	05/07/2024 21:52	WG2278666	
2-Nitrophenol	< 0.00169		0.00169	0.00250	1	05/07/2024 21:52	WG2278666	
8&4-Methyl Phenol	< 0.000767		0.000767	0.00250	1	05/07/2024 21:52	WG2278666	
3,3-Dichlorobenzidine	<0.00265		0.00265	0.00500	1	05/07/2024 21:52	WG2278666	
,6-Dinitro-2-methylphenol	<0.00150		0.00150	0.00500	1	05/07/2024 21:52	WG2278666	
-Bromophenyl-phenylether	< 0.00104		0.00104	0.00250	1	05/07/2024 21:52	WG2278666	
-Chloro-3-methylphenol	< 0.000865		0.000865	0.00250	1	05/07/2024 21:52	WG2278666	
-Chlorophenyl-phenylether	<0.00140		0.00140	0.00250	<u> </u>	05/07/2024 21:52	WG2278666	
	<0.00140		0.00140	0.00230	1	05/07/2024 21:52	WG2278666	
-Nitrophenol			0.00184	0.00300	1 /	05/07/2024 21:52	WG2278666	
cenaphthene	<0.00134 <0.00134		0.00134	0.00250	1	05/07/2024 21:52	WG2278666	
cenaphthylene					1		WG2278666	
cetophenone	<0.000788		0.000788	0.00250		05/07/2024 21:52	WG2278666	
Ipha-Terpineol	<0.000696		0.000696	0.00250	1	05/07/2024 21:52	ENGLISH STATE OF THE STATE OF T	
niline	<0.000536		0.000536	0.00250	1	05/07/2024 21:52	WG2278666	
nthracene	<0.00111		0.00111	0.00250	1	05/07/2024 21:52	WG2278666	
trazine	<0.00167		0.00167	0.00250	1	05/07/2024 21:52	WG2278666	
enzidine	<0.00311		0.00311	0.0100	. 1	05/07/2024 21:52	WG2278666	
enzo(a)anthracene	<0.000933		0.000933	0.00250	1	05/07/2024 21:52	WG2278666	
enzo(a)pyrene	<0.000941		0.000941	0.00250	1	05/07/2024 21:52	WG2278666	
enzo(b)fluoranthene	<0.00102		0.00102	0.00250	1	05/07/2024 21:52	WG2278666	
enzo(g,h,i)perylene	<0.00101		0.00101	0.00250	1	05/07/2024 21:52	WG2278666	
enzo(k)fluoranthene	<0.000934		0.000934	0.00250	1	05/07/2024 21:52	WG2278666	
enzoic acid	0.0132		0.00657	0.0100	1	05/07/2024 21:52	WG2278666	
enzylbutyl phthalate	< 0.00143		0.00143	0.00250	1	05/07/2024 21:52	WG2278666	
s(2-chlorethoxy)methane	<0.000991		0.000991	0.00250	1	05/07/2024 21:52	WG2278666	
s(2-chloroethyl)ether	<0.00101		0.00101	0.00250	1	05/07/2024 21:52	WG2278666	
s(2-chloroisopropyl)ether	<0.00116		0.00116	0.00250	1	05/07/2024 21:52	WG2278666	
s(2-Ethylhexyl)phthalate	<0.00318		0.00318	0.00500	1	05/07/2024 21:52	WG2278666	
rbazole	<0.00106		0.00106	0.00250	1	05/07/2024 21:52	WG2278666	
rysene	<0.00102		0.00102	0.00250	1	05/07/2024 21:52	WG2278666	
n-butyl phthalate	< 0.00120		0.00120	0.00250	1	05/07/2024 21:52	WG2278666	
n-octyl phthalate	< 0.00174		0.00174	0.00250	1	05/07/2024 21:52	WG2278666	
oenz(a,h)anthracene	<0.00110		0.00110	0.00250	1 🦸	05/07/2024 21:52	WG2278666	
penzofuran	<0.00120		0.00120	0.00250	1	05/07/2024 21:52	WG2278666	
ethyl phthalate	< 0.000915		0.000915	0.00250	1	05/07/2024 21:52	WG2278666	



















SAMPLE RESULTS - 01

Collected date/time: 04/30/24 08:15

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I	mg/l		date / time	
Dimethyl phthalate	<0.000878		0.000878	0.00250	1	05/07/2024 21:52	WG2278666
Fluoranthene	< 0.00114		0.00114	0.00250	1	05/07/2024 21:52	WG2278666
Fluorene	< 0.00131		0.00131	0.00250	1	05/07/2024 21:52	WG2278666
Hexachloro-1,3-butadiene	< 0.00176		0.00176	0.00250	1	05/07/2024 21:52	WG2278666
Hexachlorobenzene	< 0.000972		0.000972	0.00250	1	05/07/2024 21:52	WG2278666
Hexachlorocyclopentadiene	< 0.00117		0.00117	0.0100	1	05/07/2024 21:52	WG2278666
Hexachloroethane	<0.00188		0.00188	0.00250	1	05/07/2024 21:52	WG2278666
1,2-Diphenylhydrazine	< 0.00124	N2	0.00124	0.00250	1	05/07/2024 21:52	WG2278666
Indeno(1,2,3-cd)pyrene	< 0.000984		0.000984	0.00250	1	05/07/2024 21:52	WG2278666
Isophorone	<0.00183		0.00183	0.00250	1	05/07/2024 21:52	WG2278666
n-Decane	<0.00158		0.00158	0.00250	1	05/07/2024 21:52	WG2278666
n-Nitrosodi-n-butylamine	< 0.000735		0.000735	0.00250	1	05/07/2024 21:52	WG2278666
n-Nitrosodi-n-propylamine	< 0.00107		0.00107	0.00250	1	05/07/2024 21:52	WG2278666
n-Nitrosodiethylamine	<0.000925		0.000925	0.00250	1	05/07/2024 21:52	WG2278666
n-Nitrosodimethylamine	<0.000651		0.000651	0.00250	1	05/07/2024 21:52	WG2278666
n-Nitrosodiphenylamine	<0.000829		0.000829	0.00250	1	05/07/2024 21:52	WG2278666
n-Octadecane	<0.00128		0.00128	0.00250	1	05/07/2024 21:52	WG2278666
Naphthalene	<0.00200		0.00200	0.00250	1	05/07/2024 21:52	WG2278666
Nitrobenzene	<0.00124		0.00124	0.00250	1	05/07/2024 21:52	WG2278666
Nonylphenol	<0.00286		0.00286	0.00500	1	05/07/2024 21:52	WG2278666
Pentachlorobenzene	<0.00134		0.00134	0.00250	1	05/07/2024 21:52	WG2278666
Pentachlorophenol	<0.00210		0.00210	0.00500	1	05/07/2024 21:52	WG2278666
Phenanthrene	< 0.00113		0.00113	0.00250	1	05/07/2024 21:52	WG2278666
Phenol	< 0.000967		0.000967	0.00250	1	05/07/2024 21:52	WG2278666
Pyrene	<0.00115		0.00115	0.00250	1	05/07/2024 21:52	WG2278666
Pyridine	< 0.00117		0.00117	0.00250	1	05/07/2024 21:52	WG2278666
Total Cresols	< 0.00153		0.00153	0.00750	1	05/07/2024 21:52	WG2278666
(S) 2,4,6-Tribromophenol	46.2			29.0-132		05/07/2024 21:52	WG2278666
(S) 2-Fluorobiphenyl	74.2			26.0-102		05/07/2024 21:52	WG2278666
(S) 2-Fluorophenol	31.8			10.0-66.0		05/07/2024 21:52	WG2278666
(S) Nitrobenzene-d5	79.8			15.0-106		05/07/2024 21:52	WG2278666
(S) p-Terphenyl-d14	65.4			10.0-120		05/07/2024 21:52	WG2278666
(S) Phenol-D6	23.5			10.0-54.0		05/07/2024 21:52	WG2278666





















Method Blank (MB)	(B)									
(MB) R4065501-1 05/02/24 16:02 MB Re)2/24 16:02 MB Result	MB Qualifier	MB MDL	MB RDL						Ср
Analyte	mg/l		l/gm	l/gm		And the second of the second second second				TC
lotal Dissolved Solids	<25.0		25.0	25.0						SS
L1731230-01 Original Sample (OS) • Duplicate (DUP)	ginal Sample	dng • (SO)	olicate (DU	(c			_			4
(OS) L1731230-01 05/02/24 16:02 • (DUP) R4065501-3 05/02/24 16:02)2/24 16:02 • (DUI	P) R4065501-3	05/02/24 16:	22						5
	Original Resul	Original Result DUP Result	Dilution DUP RPD		DUP Qualifier Limits					5
Analyte Total Dissolved Solids	1/6m 8690	mg/l 9040	1 3.9	3.95	% 01	the state of the s				አ
L1731302-01 Original Sample (OS) • Duplicate (DUP)	ginal Sample	nd • (SO)	olicate (DU	(c						°Q°
-1731302-01 05/C	(OS) L1731302-01 05/02/24 16:02 • (DUP) R4065501-4 05/02/24 16:02	P) R4065501-4	05/02/24 16:	22						5
	Original Resu	Original Result DUP Result	Dilution DUP RPD		DUP Qualifier Limits					8
Analyte	mg/l	l/gm	%							₹
Total Dissolved Solids	5290	5440	1 2.	2.80	10					SC
Laboratory Control Sample (LCS)	rol Sample (I	LCS)								
(LCS) R4065501-2 05/02/24 16:02	/02/24 16:02									
Analyto	Spike Amount		LCS Rec.	Rec. Limits	LCS Qualifier					
D.	ıığııı	l/gill	%	%						
Total Dissolved Solids	2410	2510	104	85.0-115						
						1			201 g	
Ĩ	ACCOUNT: Holiday Beach WSC			۵.	PROJECT:		SDG: L1731230	DATE/TIME: 05/16/24 16:02	PAGE:	

11731230-01

Gravimetric Analysis by Method 2540C

QUALITY CONTROL SUMMARY L1731230-01

WG2280611 Gravimetric Analysis by Method 2540C

Method Blank (MB)

	MB RDL	l/gm	25.0
	I MB MDL	l/gm	25.0
	MB Qualifier		
5/24 12:57	MB Result	l/gm	<25.0
(MB) R4066127-1 05/05/24 12:57		Analyte	Total Dissolved Solids

L1731230-01 Original Sample (OS) • Duplicate (DUP)

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	DUP RPD Limits	%	10
	DUP Qualifier		
12:57	Dilution DUP RPD	%	10.6
05/05/24	Dilution		-
R4066127-3	DUP Result	mg/l	8160
4 12:57 • (DUP)	Original Result DUP Result	mg/l	8930
(OS) L1731230-01 05/05/24 12:57 • (DUP) R4066127-3 05/05/24 12:57		Analyte	Total Dissolved Solids

L1732414-03 Original Sample (OS) · Duplicate (DUP)

	DUP RPD Limits	%	10
	DUP Qualifier		
12:57	Dilution DUP RPD	%	3.98
05/05/24	Dilution		_
R4066127-4	DUP Result	l/gm	492
24 12:57 • (DUP)	Original Result DUP Result	l/gm	512
(OS) L1732414-03 05/05/24 12:57 • (DUP) R4066127-4 05/05/24 12:57		Analyte	Total Dissolved Solids

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Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	85.0-115
	LCS Rec.	96	105
	LCS Result	l/gm	2540
/05/24 12:57	Spike Amount	l/gm	2410
(LCS) R4066127-2 05/05/24 12:57		Analyte	Total Dissolved Solids

Holiday Beach WSC ACCOUNT:

PROJECT:

L1731230

05/16/24 16:02 DATE/TIME:

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	MB RDL	l/gm	2.50
	MB MDL	l/gm	2.50
	MB Qualifier N		
06/24 10:18	MB Result	l/gm	<2.50
(MB) R4066496-1 05/06/24 10:18		Analyte	Suspended Solids

L1730932-01 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	10
	DUP Qualifier		
4 10:18	t Dilution DUP RPD	%	0.712
05/06/2	Dilution		-
R4066496-3	DUP Result	l/gm	705
/06/24 10:18 • (DUP)	Original Result DUP Result	l/gm	700
(OS) L1730932-01 05/06/24 10:18 • (DUP) R4066496-3 05/06/24 10:18		Analyte	Suspended Solids

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L1730983-05 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	10
	DUP Qualifier		
4 10:18	DUP RPD	%	2.20
3-05 05/06/24 10:18 (DUP) R4066496-4 05/06/24 10:18 Original Result DUP Result Dilution DUP RPD DUP Qualifier mg/l mg/l 3200 12500 1	-		
R4066496-4	DUP Result	mg/l	13500
,/24 10:18 • (DUP)	Original Result	mg/l	13800
(05) L1/30983-05 05/06		Analyte	Suspended Solids
	2		

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Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	85.0-115
	LCS Rec.	%	104
	LCS Result	/gm	963
05/06/24 10:18	Spike Amount LCS Result LCS Rec.	l/gm	928
(LCS) R4066496-2 05/06/24 10:18		Analyte	Suspended Solids

DATE/TIME: 05/16/24 16:02

			,	2
	12.00	RPD Limits %		DATE/TIME: 05/16/24 16:02
IMARY		LCSD Qualifler RPD % 6.97		0
QUALITY CONTROL SUMMARY		nits <u>LCS Qualifier</u>	MS Qualiffer	SDG: L1731230
LITY CON	unlicate (LCS)	LCSD Rec. Rec. Limits % % 90.0 78.0-114	Dilution Rec. Limits % 78.0-114	e
QUA	MB RDL mg/l 5.00	10:54 LCS Rec. CS 86:5 96:5	MS Rec. 103	PROJECT:
	MB MDL mg/l 0.350	5-3 05/07/24 1 LCSD Result mg/l 36.0	05/07/24 10:5. IIt MS Result mg/l 41.2	
P	MB Qualifier	10:54 - (LCSD) R406676 Spike Amount LCS Result mg/l mg/l 38.6 Sample (OS) • Mat	10:54 - (MS) R4066765-4 05/07/24 10: Spike Amount Original Result MS Result mg/l mg/l mg/l 40:0 <0.350 41.2	
hod 1664A)	24 10:54 MB Result mg/l <0.350	7/24 10:54 - (LC Spike Amoun mg/l 40.0	24 10:54 • (MS) 8pike Amoun mg/l 40.0	ACCOUNT: Holiday Beach WSC
WG2281059 wet Chemistry by Method 1664A Method Blank (MB)	(MB) R4066765-1 05/07/24 10:54 MB Result MB Qualifier MB MDL MB RDL Analyte mg/l mg/l mg/l Oil & Grease (Hexane Extr) < 0.350 5.00 Laboratory Control Sample (LCS) - Laboratory Control Sample Duplicate (LCSD)	(LCS) R4066765-2 05/07/24 10:54 · (LCSD) R4066765-3 05/07/24 10:54 Spike Amount LCS Result LCSD Result LCS Analyte mg/l mg/l mg/l % Oil & Grease (Hexane Extr) 40.0 38.6 36.0 96. L1731230-01 Original Sample (OS) • Matrix Spike (MS)	(OS) L1731230-01 05/07/24 10:54 - (MS) R4066765-4 05/07/24 10:54 Spike Amount Original Result MS Result Analyte mg/l mg/l mg/l Oil & Grease (Hexane Extr) 40.0 <0.350 41.2	A Holidi

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PAGE: 14 of 70

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Cb ر ا Ss Sc S G A 15 of 70 PAGE: 05/16/24 16:02 DATE/TIME: L1731230 DUP RPD Limits 20 **DUP** Qualifier PROJECT: MB RDL units 5.00 Dilution DUP RPD 0.000 L1731230-01 Original Sample (OS) • Duplicate (DUP) (OS) L1731230-01 05/01/24 16:10 • (DUP) R4064570-2 05/01/24 16:10 MB MDL units 5.00 Original Result DUP Result MB Qualifier units 10.0 ACCOUNT: Holiday Beach WSC MB Result <5.00 units (MB) R4064570-1 05/01/24 16:10 units 10.0 Method Blank (MB) Sample Narrative: Sample Narrative: BLANK: 7.0 DUP: 8.0 02:8:0 Analyte Analyte Color

L1731230-01

Wet Chemistry by Method 2120B

Color

VGZZ81U89	QUALITY CONTROL SUMMARY
Wet Chemistry by Method 2320b	10.0031011

MB)
_
Blank
Method

	sult MB Qualifier MB MDL	l/gm l/gm	20.0	<20.0	20.0	20.0	
(MB) R4066253-1 05/06/24 11:59		Analyte	Alkalinity	Alkalinity, Bicarbonate	Alkalinity, Carbonate	Alkalinity, Hydroxide	

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L1731251-01 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits		
	DUP Qualifier Lin	%	20
1:59	Dilution DUP RPD	96	7.06
05/06/241	Dilution		
4066253-3	DUP Result	Mg/I	103
4 11:59 • (DUP) R	Original Result DUP Result	l/gm	110
(OS) L1731251-01 05/06/24 11:59 • (DUP) R4066253-3 05/06/24 11:59		Analyte	Alkalinity

Laboratory Control Sample (LCS)

	ts LCS Qualifier		
	Rec. Limits	%	90.0-110
	LCS Rec.	%	8.96
	LCS Result	l/gm	242
05/06/24 11:59	Spike Amount	l/gm	250
(LCS) R4066253-2 05/06/24 11:59		Analyte	Alkalinity

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Holiday Beach WSC ACCOUNT:

SDG: L1731230

PROJECT:

05/16/24 16:02 DATE/TIME:

PAGE: 16 of 70

Method Blank (MB)

Wet Chemistry by Method 300.0

(MB) R4064765-1 05/01/24 14:46	35/01/24 14:46								
	MB Kesult	MB Qualifier	MB MDL	MB RDL					
Analyte	l/gm		∥g/l	mg/l					
Bromide	<0.0763		0.0763	0.400	and definition of the second definition of the factor of the second seco	The second second second second second	 	A CONTRACTOR OF THE PERSON NAMED IN	and the same of th
Chloride	0.0863	ור	0.0541	0.800					
Fluoride	<0.198		0.198						
Nitrate	<0.207		0.207						
Sulfate	<0.393		0.393						

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Laboratory Control Sample (LCS)

+0.01 +2.10/00 2 00/10/11/10/11									
	Spike Amour	Spike Amount LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier				
Analyte	l/gm	l/gm	%	%					
Bromide	5.00	5.01	100	90.0-110		the second secon			-
Chloride	5.00	4.93	98.6	90.0-110					
Fluoride	5.00	5.04	101	90.0-110					
Nitrate	5.00	4.74	94.7	90.0-110					
Sulfate	2.00	4.91	98.1	90.0-110					

L1731251-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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) · 0.50 +2.00 · 0.50 +2.00 · 0.50 ·	(CM) - CC.CI +311	100 c-co/+00+v	01/24 10.20 • ((MSD) K40647	65-4 U5/U1/2	4 18:38							
	Spike Amoun	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	mg/l	mg/l	mg/l	%	% % // // // // // // // // // // // //		%			. %))	
Bromide	5.00	1.52	5.00	5.11	69.5	71.9	,-	90.0-110	9	N N	2 34	2 %	
Fluoride	5.00	0.213	5.01	5.11	0.96	086		90.0-110	1	21	100	02	
Nitrate	5.00	0.886	4.72	4.81	76.6	78.6	-	90.0-110	. je	<u>S</u>	2.05	20	
Sulfate	2.00	1.01	13.2	13.2	61.5	61.9	-	90.0-110	90	90	0.167	20	

L1731251-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1731251-01 05/01/24 17:09 • (MS) R4064765-5 05/01/24 18:56 •	24 17:09 • (MS) R4	064765-5 05/0	01/24 18:56 •	(MSD) R40647	ASD) R4064765-6 05/01/24 19:14	4 19:14							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier RPD	RPD	RPD Limits	
Analyte	l/gm	l/gm	mg/l	l/gm	%	%		%				2 2 3 4 8	
Chloride	2.00	17.5	28.0	27.9	211	208	2	90.0-110	75	35	0.542		

QUALITY CONTROL SUMMARY

L1731230-01

WG2279561 wet Chemistry by Method 3500Cr-B

Method Blank (MB)

	MB RDL	l/gm	0.00300
	MB MDL	l/gm	0.00200
	MB Qualifier		
5/03/24 11:59	MB Result	l/gm	<0.00200
(MB) R4065500-1 05/03/24 11:59		Analyte	Chromium, Hexavalent

Laboratory Control Sample (LCS)

11.59	Spike Amount LCS Result LCS Rec. Limits LCS Qualifier	% % //бш	0.205 102
.CS) R4065500-2 05/03/24 11:59	Spike A	l/gm	-
(LCS) R4065500.		Analyte	Chromium, Hexavale

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RPD Limits

20 %

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L1731030-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1731030-01 05/03/24 11:59 • (MS) R40655(24 11:59 • (MS) R	4065500-3 05	,03/24 11:59 •	500-3 05/03/24 11:59 · (MSD) R4065500-4 05/03/24 11:59	00-4 05/03/7	24 11:59						
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier	RPD	
Analyte	l/gm	mg/l	l/gm	l/gm	%	%		3°			90	
Chromium, Hexavalent	0.200	<0.00200	0.194	0.195	97.2	97.6		10.0-120			0.448	

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Sample Narrative:

OS: Sample preserved in lab w/in 24hrs of collection.

L1731251-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	20
		9 ₆	1.33
	MSD Qualifier		
	MS Qualifier		
	Oilution Rec. Limits	%	10.0-120
	Dilution		-
24 11:59	MSD Rec.	%	98.9
200-6 05/03/	MS Rec.	%	97.6
· (MSD) R4065!	MSD Result MS Rec. MSD Rec.	l/gm	0.198
,/03/24 11:59	MS Result	l/gm	0.195
065500-5 05	Original Result	mg/l	<0.00200
24 11:59 • (MS) R4	Spike Amount Original Result MS Result	l/gm	0.200
(OS) L1731251-01 05/03/24 11:59 • (MS) R4065500-5 05/03/24 11:59		Analyte	Chromium, Hexavalent

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05/16/24 16:02 DATE/TIME:

L1731230 SDG:

PROJECT:

Holiday Beach WSC ACCOUNT:

L1731230-01
 well Chemistry by Method 351.2

													_
3/24	(MB) R4067272-1 05/08/24 14:39												
	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l									10
0	Kjeldahl Nitrogen, TKN <0.140 Laboratory Control Sample (LCS)	(S)	0.140	0.250									SS
08/2	(LCS) R4067272-2 05/08/24 14:44												4
Н	Spike Amount LCS Result mg/l mg/l	LCS Result mg/l	LCS Rec.	Rec. Limits %	LCS Qualifier								5
gin	4.00	4.06 (OS)	102 atrix Snike	Kjeldahl Nitrogen, TKN 4.00 4.06 102 90.0-110 L1732276-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike (MS)	× 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M oterilor							
8/2	4 15:03 • (MS	() R4067272-3	05/08/24 15:1	(OS) L1732276-02 05/08/24 15:03 • (MS) R4067272-3 05/08/24 15:11 • (MSD) R4067272-4	1070 A CTCT	05/08/24/15:42	(00						7
	Spike Amount	Spike Amount Original Result MS Result ma/l	It MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	C
	4.00	1.32	5.36	5.35	101	, 101	-	90.0-110			0.187	50 %	0 [
igir	ial Sample	e (OS) • Ma	atrix Spike	L1732280-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	ix Spike D	uplicate (M	(SD)						Sc
/08/2	24 15:06 • (MS	s) R4067272-5	05/08/24 15:	(OS) L1732280-02 05/08/24 15:06 • (MS) R4067272-5 05/08/24 15:13 • (MSD) R4067272-6 05/08/24 15:15	57272-6 05/0	18/24 15:15							
	Spike Amount	Spike Amount Original Result MS Result	It MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
	l/gm	l/gm	∥gm	l/gm	%	%		%))	
	4.00	0.740	4 63	470	5.70	0	,	0.00					And the second of the second o

DATE/TIME: 05/16/24 16:02

SDG: L1731230

PROJECT:

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QUALITY CONTROL SUMMARY	L1731230-01
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	MB RDL	l/gm	0.0500
	MB MDL	l/gm	0.0300
	MB Qualifier		
05/10/24 14:21	MB Result	l/gm	<0.0300
(MB) R4068637-1 C		Analyte	Nitrate-Nitrite

Laboratory Control Sample (LCS)

	Result LCS Rec. Rec. Limits LCS Qualifier	%	106 90.0-110
114:22	nount	l/gm l/gm	2.50 2.65
(LCS) R4068637-2 05/10/24 14:22		Analyte	

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L1731230-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(US) LI731230-U1 US/10/24 (4:25 • (WS) R4U080337-3 US/10/24 (4:41 • (WS)) R4U080357-4 US/10/24 (4:42 US) (WS) Result MS Rec. MSD Spike Amount Original Result MS Result MS Rec. MSD Analyte mg/l mg/l mg/l Mg/l mg/l Ms/l	Original mg/l
<u>}</u>	nal Result MS Result

L1731301-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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RPD Limits

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AC/01/21301-01 05/10/24 14:26 . (MS) D4068637-5 05/10/24	10/24 14:26 - (MS) D	4068637-5 05/	10/24 14:43	44-43 - MSD BADE8637-6 D5/10/24 14-44	17-6 05/10/2d	14.44						
(00) 51121201 01 021	(CIA) CZ:11-7/C	50000	21.11	2000	1000							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	l/gm	l/gm	l/gm	l/gm	%	%		%			,0°	%
Nitrate-Nitrite	2.50	0.0398	2.65	2.65	104	104	-	90.0-110			0.000	20

DATE/TIME: 05/16/24 16:02

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Method Blank (MB)

Wet Chemistry by Method 4500CN-E

	MB RDL	l/gm	0.0100
	MB MDL	mg/l	0.00430
	MB Qualifier	m),	
02/24 16:22	MB Result	l/gm	<0.00430
(MB) R4065098-1 05/02/24 16:22		Analyte	Cyanide

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	85.0-115
	LCS Rec.	%	7:68
	LCS Result	mg/l	0.0897
098-2 05/02/24 16:22	Spike Amount LCS Result LCS Rec.	l/gm	0.100
(LCS) R4065098-2		Analyte	Cyanide

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L1731043-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1731043-02 05/02/24 16:22 • (MS) R4065098-3 05/02/24 16:22 • (MS) R4065098-3 05/02/24 16:22)2/24 16:22 • (MS)	R4065098-3 C	15/02/24 16-22	· (MSD) R406	5098-4 05/0	CC-31 1C/C1							
	Cailes America			TOTAL (DOIN)	100 1000	72,24 10.22							
	Spike Amount	Spike Amount Onginal Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier RPD	RPD	RPD Limits	
Analyte	l/gm	mg/l	mg/l	mg/l	%	96		%			96) 1	
Cyanido	0000	00000	0000			and described of the same of t	Charles of the second second second	Company of the Control of State of the				2	
cyalline	0.100	<0.00430	0.0926	0.0877	92.6	87.7	-	85.0-115			5.40	20	

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SDG: L1731230

PROJECT:

st	2	SS S	S Sc	7 GI	Ī
				RPD Limits	20
				er RPD	1.18
				MSD Qualifier	
				MS Qualifier	
				Dilution Rec. Limits	80.0-120
1 10.0					,-
L1731230-01			5]	iplicate (MSE 13/24 16:02 MSD Rec. %	100
- - - -)			LCS Qualifier	Spike Du 622-4 05/0 MS Rec. %	101
) 5		MB RDL mg/l 0.0500	Rec. Limits % 80.0-120	4S) • Matrix • (MSD) R4065 MSD Result	0.567
		MB MDL mg/l 0.0152	LCS Rec. % 98.9	< Spike (N 5/03/24 16:02 MS Result	0.574
		MB Qualifier CS)	LCS Result mg/l 0.494	Sample (OS) • Matrix Spike (16:01 • (MS) R4065622-3 05/03/24 16:1 Spike Amount Original Result MS Result mol/	9/90.0
thod 4500P-E	3)	//24 16:01 MB Result mg/l <0.0152 ol Sample (L	33/24 16:01 Spike Amount LCS Result mg/l mg/l 0.500 0.494	1al Sample ((24 16:01 • (MS) R Spike Amount mo/!	0.500
Wet Chemistry by Method 4500P-E	Method Blank (MB)	(MB) R4065622-1 05/03/24 16:01 MB Result MB Analyte mg/l Phosphorus, Total <0.0152 Laboratory Control Sample (LCS)	(LCS) R4065622-2 05/03/24 16:01 Spike Ar Analyte mg/l Phosphorus,Total 0.500	L1731251-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) (OS) L1731251-01 05/03/24 16:01 • (MS) R4065622-3 05/03/24 16:02 • (MSD) R4065622-4 05/03/24 16:02 Spike Amount Original Result MS Result MS Rec. MSD Rec.	Phosphorus, Total

QUALITY CONTROL SUMMARY

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05/16/24 16:02 DATE/TIME:

SDG: L1731230

PROJECT:

Holiday Beach WSC ACCOUNT:

Wet Chemistry by Method 4500-S2 D

			0.100
	MB RDL		0.100
	MB MDL	l/gm	0.0230
	MB Qualifier MB MDL		
5/02/24 10:38	MB Result	l/gm	<0.0230
(MB) R4064931-1 05/02/24 10:38		Analyte	Sulfide

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	80.0-120
	LCS Rec.	%	103
	LCS Result	l/gm	0.821
5/02/24 10:38	Spike Amount	l/gm	0.800
(LCS) R4064931-2 05/02	= 20	Analyte	Sulfide

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L1730968-02 Original Sample (OS) • Matrix Spike (MS) •	iginal Sample	e (OS) • Mat	rix Spike (N	MS) • Matrix	s Spike Du	Matrix Spike Duplicate (MSD)	(Q						
(OS) L1730968-02 05/02/24 10:38 • (MS) R4064931-3 05/02/24 10:38 • (MSD) R4064931-4 05/02/24 10:38	02/24 10:38 · (MS) R4064931-3 (5/02/24 10:38	• (MSD) R406	1931-4 05/02/	24 10:38							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result MS Rec.	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier RPD	RPD	RPD Limits	
Analyte	l/gm	l/gm	∥⁄gш	l/gm	%	%		%			. %	5 %	
Sulfide	0.800	<0.0230	0.487	0.539	8.09	67.3	-	80.0-120	J6	97	10.1	20	

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SDG: L1731230

PROJECT:

QUALITY CONTROL SUMMARY L1731230-01

WG2277918
Wet Chemistry by Method 5210 B-2016

Method Blank (MB)

	MB RDL	l/gm	0.200
	MB MDL	l/gm	0.200
	MB Qualifier		
4066076-1 05/06/24 09:21	MB Result	l/gm	<0.200
(MB) R4066076-1		Analyte	BOD

L1731032-01 Original Sample (OS) · Duplicate (DUP)

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	DUP RPD Limits	%	20
	DUP Qualifier		
1 10:18	DUP RPD	%	1.66
05/06/24	Dilution		-
R4066076-3	DUP Result	mg/l	5.39
05/06/24 09:39 · (DUP)	Original Result	l/gm	5.48
(OS) L1731032-01 C		Analyte	BOD
	(OS) L1731032-01 05/06/24 09:39 • (DUP) R4066076-3 05/06/24 10:18	od:	PD DUP Qualifier

L1731219-01 Original Sample (OS) · Duplicate (DUP)

05/06/24 09:	(OS) L1731219-01 05/06/24 09:52 • (DUP) R4066076-4 05/06/24 10:20	5-4 05/06/24	10:20	
Orig	Original Result DUP Result		Dilution DUP RPD	DUP Qualifier
l/gm	l/gm l		%	
4.62	5.02	-	8.3	0 0

DUP RPD Limits

% 50

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Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	85-115
	LCS Rec.	%	96.3
	LCS Result	l/gm	191
.CS) R4066076-2 05/06/24 09:26	Spike Amount	l/gm	198
(LCS) R4066076-2		Analyte	800

ACCOUNT: Holiday Beach WSC

PROJECT:

SDG: L1731230

05/16/24 16:02 DATE/TIME:

PAGE: 24 of 70

Method Blank (MB)

	MB RDL		0.200
	Σ		
		l/gm	0.200
	MB Qualifier MB MDL ME	I/6m	0.200
MB) R4066109-1 05/06/24 11:02	MB Qualifier MB MDL	I/6m I/6m	<0.200 0.200

	DUP RPD lifter Limits	%	20
	RPD DUP Qualifier		
licate (DUP)	inal Result DUP Result Dilution DUP RPD	%	1 6.49
mple (OS) • Duplicate (DUP)	esult DUP Result	l/gm	1.59
Original Samp 05/06/24 11:11 • (DU	Original R	l/gm	1.49
L1731183-01 Original Sam (OS) L1731183-01 05/06/24 11:11 • (Analyte	CBOD

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L1731302-01 Original Sample (OS) • Duplicate (DUP)

			entre en el como la contra con la comparada de procumpa o con de la comparada de como como como como como como
	DUP RPD Limits	%	20
	DUP Qualifier		
12:08	Dilution DUP RPD	%	1.4
05/06/24	Dilution		-
R4066109-4	DUP Result	mg/l	129
.1731302-01 05/06/24 12:03 • (DUP) R4066109-4 05/06/24 12:08	Original Result DUP Result	l/gm	127
(0S) L1731302-01 05/0		Analyte	CBOD

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Laboratory Control Sample (LCS)

	LCS Qualifier		Personal and Control of the Control
	Rec. Limits	%	85-115
	LCS Rec.	%	95.4
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LCS Result	l/gm	189
05/06/24 11:07	Spike Amount LCS Result	l/gm	198
(LCS) R4066109-2 05/06/24 11:07		Analyte	CBOD

PROJECT:

Method Blank (MB)	3)												-
(MB) R4066251-1 05/06/24 15:26 MB Re	/24 15:26 MB Result	MB Qualifier	MB MDL	MB RDL									3
Analyte	mg/l		l/gm	l/gm									-
COD	<16.1		16.1	35.0									
													SS
Laboratory Control Sample (LCS)	Sample (L	(S)											17
(LCS) R4066251-2 05/06/24 15:26	6/24 15:26												5
	Spike Amount LCS Result	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier								u
Analyte	l/gm	l/gm	%	%									Š
COD	200	507	101	80.0-120									
													ွတ္မ
L1730674-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	inal Sample	(OS) · Matri	ix Spike (M	S) · Matrix	Spike Dup	olicate (MSI	<u>(</u>)						
(OS) L1730674-01 05/06/24 15:26 • (MS) R4066251-3 05/06/24 15:26 • (MSD) R4066251-4 05/06/24 15:26	3/24 15:26 · (MS)	R4066251-3 0	5/06/24 15:26	· (MSD) R4066	5251-4 05/06/	24 15:26							5
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	l/gm	mg/l	mg/l	%	%		· 0°			%°	%	Z V
COD	200	79.6	571	569	98.3	97.9	•	80.0-120			0.377	20	
													Sc
L1731277-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)) al Sample (OS) · Matrix	x Spike (MS	5) • Matrix 5	Spike Dupl	licate (MSD	(
(OS) L1731277-01 05/06/24 15:26 · (MS) R4066251-5 05/06/24 15:26 · (MSD) R4066251-6 05/06/24 15:26	72415:26 · (MS) F	34066251-5 05	5/06/24 15:26 •	(MSD) R40662	251-6 05/06/2	24 15:26							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	∥/gm	∥⁄gш	mg/l	%	%		0/0			90	%	
COD	200	49.6	522	541	94.4	98.3	, -	80.0-120			3.63	20	

QUALITY CONTROL SUMMARY

WG2281097 Wet Chemistry by Method 5220D PAGE: 26 of 70

DATE/TIME: 05/16/24 16:02

SDG: L1731230

PROJECT:

ACCOUNT: Holiday Beach WSC

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28 of 70 PAGE: RPD Limits 20 % 05/16/24 16:02 1.05 RPD DATE/TIME: MSD Qualifier 5 MS Qualifier Dilution Rec. Limits 80.0-120 L1731230 SDG: L1731230-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) MSD Rec. (OS) L1731230-01 05/01/24 17:06 • (MS) R4064617-3 05/01/24 17:06 • (MSD) R4064617-4 05/01/24 17:06 122 % LCS Qualifier MS Rec. 120 % PROJECT: MSD Result Rec. Limits 80.0-120 MB RDL 0.500 l/gm mg/l Spike Amount Original Result MS Result LCS Rec. MB MDL 0.360 mg/l 1.20 l/gm 117 MB Qualifier Spike Amount LCS Result <0.360 l/gm I/gm 1.17 Laboratory Control Sample (LCS) Holiday Beach WSC **MB** Result ACCOUNT: <0.360 (LCS) R4064617-2 05/01/24 17:02 l/gm mg/l (MB) R4064617-1 05/01/24 17:02 1.00 1.00 1.00 Method Blank (MB)

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QUALITY CONTROL SUMMARY

L1731230-01

Wet Chemistry by Method 5540C

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WG2278227

L1731230-01

L1731230-01 Original Sample (OS) • Duplicate (DUP)

Wet Chemistry by Method SM 4500-H+B

(OS) L1731230-01 05/03/24 14:11 • (DUP) R4065641-2 05/03/24 14:11

DUP Qualifier Dilution DUP RPD 0.120 Original Result DUP Result 8.32 Su 8.31 Su Analyte Hd

DUP RPD Limits

20

Sample Narrative:

OS: 8.31 at 20.7C

DUP: 8.32 at 20.4C

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L1731237-04 Original Sample (OS) · Duplicate (DUP)

(OS) L1731237-04 05/03/24 14:11 • (DUP) R4065641-3 05/03/24 14:11

DUP RPD Limits	%	20
DUP Qualifier		
DUP RPD	%	0.338
Dilution		-
DUP Result	ns	8.87
Original Result	72	3.90
	The state of the s	
	Analyte	H
J		

Sample Narrative:

OS: 8.9 at 20.1C

DUP: 8.87 at 20C

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	99 0.101
	LCS Rec.	%	8 66
	LCS Result	ns	5.99
05/03/24 14:11	Spike Amount LCS Result	ns	9.00
(LCS) R4065641-1 05/03/2414:11		Analyte	Н

Sample Narrative:

LCS: 5.99 at 20.8C

05/16/24 16:02 DATE/TIME:

QUALITY CONTROL SUMMARY

11731230-01

WG2279932 Wet Chemistry by Method SM4500NH3H Method Blank (MB)

	MB RDL	mg/l	0.100
	MB MDL	l/gm	0.0280
	MB Qualifier MB MDL		
14/24 13:24	MB Result	l/gm	<0.0280
(MB) R4065818-1 05/04/24 13:24		Analyte	Ammonia Nitrogen

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	80.0-120
	I LCS Rec. Re	%	98.6
	LCS Result	mg/l	4.93
04/24 13:26	Spike Amount	l/gm	5.00
(LCS) R4065818-2 05/04/24 13:26		Analyte	Ammonia Nitrogen

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L1730783-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

S) L1730783-01 05/04/24 13:36 • (M	24 13:36 • (MS) R	MS) R4065818-3 05/04/24 13:28 • (MSD) R4065818-4 05/04/24 13:29	//04/24 13:28 •	(MSD) R40658	18-4 05/04/2	4 13:29					
	Spike Amount	Original Result	MS Result	Res	ult MS Rec.	MSD Rec.	Dilution	Dilution Rec. Limits	MS Qualifier	MSD Qualifier	RPD
/te	mg/l	l/gm l/gm	mg/l	mg/l	%	%		%			ò°
onia Nitrogen	2.00	0.0959	5.79	5.82	114	114	-	80.0-120			0.517

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RPD Limits

20

L1730785-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) (OS) L1730785-01 05/04/24 13:38 • (MS) R4065818-5 05/04/24 13:31 • (MSD) R4065818-6 05/04/24 13:33

(OS) L1730785-01 05/04/24 13:38 • (MS) R4065818-5 05/04/24	24 13:38 • (MS) R	4065818-5 05	13:31	(MSD) R4065818-6 05/04/24 13:33	18-6 05/04/24	1 13:33						
	Spike Amount	Spike Amount Original Result MS Resu	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	l/gm	mg/l	∥/gm	mg/l	%	%	R =	%			%	9°
Ammonia Nitrogen	5.00	0.440	5.69	5.68	105	105	-	80.0-120			0.176	20

PROJECT:

05/16/24 16:02 DATE/TIME:

Method Blank (MB)

Metals (ICP) by Method 200.7

(MB) R4066733-1 05/07/24 12:21		Analyte	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
07/24 12:21	MB Result	l/gm	<0.0353	<0.00242	<0.00418	<0.000490	<0.000180	<0.0186	<0.000350	<0.000710	<0.000680	<0.00364	<0.0303	<0.00312
	MB Qualifier													
	MB MDL	l/gm	0.0353	0.00242	0.00418	0.000490	0.000180	0.0186	0.0000350	0.000710	0.000680	0.00364	0.0303	0.00312
	MB RDL	I/gm	0.500	0.0250	0.0200	0.0100	0.00100	0.100	0.00500	0.00700	0.00250	0.0200	0.500	0.010.0
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Laboratory Control Sample (LCS)

0.0200

0.00358 0.00500 0.000990

<0.000990

<0.00557 <0.00760 <0.00358 <0.00500

Molybdenum Manganese Magnesium

Nickel

Selenium

Thallium

Silver

Titanium

0.0200 0.0250 0.100

0.00775

0.00240 0.00835

<0.00775 <0.00240 <0.00835 <0.0106

0.0250

0.0100

0.0300

0.0500

0.00557 0.00760

0.0434

<0.00312 <0.0434

Analyte Spike Amount LCS Rec. Limits LCS Outsitifier Aluminum 10.0 9.80 98.0 85.0-115 Antimony 1.00 0.955 95.5 85.0-115 Arsenic 1.00 0.949 94.9 85.0-115 Bartum 1.00 0.950 95.0 85.0-115 Boron 1.00 0.945 94.5 85.0-115 Boron 1.00 0.945 94.5 85.0-115 Cadmium 1.00 0.964 96.4 85.0-115 Cobalt 1.00 0.966 95.6 85.0-115 Cobalt 1.00 0.967 96.7 85.0-115 Copper 1.00 0.967 96.7 85.0-115	(LCS) R4066733-2 05/07/2412:25	05/07/24 12:25									
mg/l mg/l % % 10.0 9.80 98.0 85.0-115 1.00 0.955 95.5 85.0-115 1.00 0.949 94.9 85.0-115 1.00 0.950 95.0 85.0-115 1.00 0.945 94.5 85.0-115 1.00 0.945 94.5 85.0-115 1.00 0.964 96.4 85.0-115 1.00 0.956 95.6 85.0-115 1.00 0.976 97.6 85.0-115 1.00 0.967 96.7 85.0-115 10.0 9.89 98.9 85.0-115		Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier					
10.0 9.80 98.0 1.00 0.955 95.5 1.00 0.949 94.9 1.00 0.950 95.0 1.00 0.974 97.4 1.00 0.964 96.4 1.00 0.956 95.6 1.00 0.956 95.6 1.00 0.976 97.6 1.00 0.967 96.7 10.0 9.89 98.9	Analyte	l/gm	l/gm	%	%						
1.00 0.955 95.5 1.00 0.949 94.9 1.00 0.950 95.0 1.00 0.974 97.4 1.00 0.945 94.5 1.00 0.956 95.6 1.00 0.976 97.6 1.00 0.967 96.7 10.0 9.89 98.9	Aluminum	10.0	9.80	0.86	85.0-115						
1.00 0.949 94.9 1.00 0.950 95.0 1.00 0.974 97.4 1.00 0.945 94.5 1.00 0.964 96.4 1.00 0.956 95.6 1.00 0.976 97.6 1.00 9.89 98.9	Antimony	1.00	0.955	95.5	85.0-115						*
1,00 0.950 95.0 1,00 0.974 97.4 1,00 0.945 94.5 1,00 0.964 96.4 1,00 0.956 95.6 1,00 0.976 97.6 1,00 9.89 98.9	Arsenic	1.00	0.949	94.9	85.0-115						
1.00 0.974 97.4 1.00 0.945 94.5 1.00 0.964 96.4 1.00 0.956 95.6 1.00 0.976 97.6 1.00 0.967 96.7 10.0 9.89 98.9	Barium	1.00	0.950	95.0	85.0-115						
1.00 0.945 94.5 1.00 0.964 96.4 1.00 0.956 95.6 1.00 0.976 97.6 1.00 0.967 96.7 10.0 9.89 98.9	Beryllium	1.00	0.974	97.4	85.0-115						
1.00 0.964 96.4 1.00 0.956 95.6 1.00 0.976 97.6 1.00 0.967 96.7 10.0 9.89 98.9	Boron	1.00	0.945	94.5	85.0-115						
1.00 0.956 95.6 1.00 0.976 97.6 1.00 0.967 96.7 10.0 9.89 98.9	Cadmium	1.00	0.964	96.4	85.0-115						
1.00 0.976 97.6 1.00 0.967 96.7 10.0 9.89 98.9	Chromium	1.00	0.956	92.6	85.0-115			I I			
1.00 0.967 96.7 10.0 9.89 98.9	Cobalt	1.00	9.976	97.6	85.0-115						
10.0 9.89 98.9	Copper	1.00	0.967	2.96	85.0-115						
	Iron	10.0	68.6	6.86	85.0-115						

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05/16/24 16:02 DATE/TIME:

L1731230 SDG:

PROJECT:

Holiday Beach WSC

ACCOUNT:

WG2280184 Metals (ICP) by Method 200.7

QUALITY CONTROL SUMMARY L1731230-01

Laboratory Control Sample (LCS)

Spike Alliount mg/l 1.00 10.0 1.00 1.00 1.00 1.00 1.00 1.0	LCS Result mg/l 0.983 9.93 0.995 0.993	LCS Rec. % 98.3 99.3 99.5 93.3	% 85.0-115 85.0-115 85.0-115 85.0-115 85.0-115	LCS Qualifier
	974	97.4	85.0-115	
	3.856	85.6	85.0-115	
	786.0	28.7	85.0-115	
	3.968	8.96	85.0-115	
	0.993	99.3	85.0-115	

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L1731957-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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(OS) L1731957-01 05/07/24 12:29 · (MS) R4066733-3 05/07/24 12:33 · (MSD) R4066733-4 05/07/24 12:37	7/24 12:29 • (MS) F	4066733-3 05	5/07/24 12:33 •	(MSD) R40667	33-4 05/07/2	4 12:37							
	Spike Amount	Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	∥g/l	∥g/l	∥g/l	96	%		200			% ⁰ / ₀ /	%	
Aluminum	10.0	19.6	30.0	30.0	104	105	-	70.0-130			0.233	20	
Antimony	1.00	<0.00242	0.988	0.987	8.86	7.86	-	70.0-130			0.122	20	
Arsenic	1.00	0.0631	1.31	1.30	124	124	-	70.0-130			0.307	20	
Barium	1.00	0.0747	1.09	1.10	102	102	-	70.0-130			0.274	20	
Beryllium	1.00	<0.000180	1.07	1.08	107	108	-	70.0-130			0.186	20	
Boron	1.00	0.126	1.14	1.14	101	102	-	70.0-130			0.350	20	
Cadmium	1.00	0.000674	0.975	0.973	97.5	97.2	-	70.0-130			0.267	20	
Chromium	1.00	0.524	1.56	1.56	104	103	-	70.0-130			0.257	20	
Cobalt	1.00	0.00937	1.04	1.04	103	103	-	70.0-130		£1	0.0962	20	
Copper	1.00	2.49	3.58	3.60	110	111		70.0-130			0.446	20	
Iron	10.0	12.9	23.6	23.6	107	107	-	70.0-130			0.170	20	
Lead	1.00	0.0119	0.958	0.956	94.6	94.4	-	70.0-130			0.157	20	
Magnesium	10.0	16.0	26.1	26.2	102	102	-	70.0-130			0.268	20	
Manganese	1.00	1.52	2.60	2.59	108	108	-	70.0-130			0.231	20	
Molybdenum	1.00	0.0156	1.05	1.03	104	102	÷	70.0-130			1.73	20	
Nickel	1.00	0.389	1.44	1.44	105	105		70.0-130			0.278	20	
Selenium	1.00	0.175	1.71	1.71	153	153	-	70.0-130	75	35	0.117	20	
Silver	0.500	<0.000990	0.463	0.464	92.5	92.7		70.0-130			0.173	20	
Thallium	1.00	0.0144	0.821	0.826	9.08	81.2	, -	70.0-130			0.619	20	
TIn	1.00	0.0342	1.02	1.02	98.1	98.2	-	70.0-130			0.0985	20	
Titanium	1.00	0.0269	1.07	1.07	104	105	·	70.0-130			0.373	20	
Zinc	1.00	0.479	1.59	1.60	Ш	112	-	70.0-130			0.251	20	

PAGE: 32 of 70

05/16/24 16:02 DATE/TIME:

SDG: L1731230

PROJECT:

Holiday Beach WSC

ACCOUNT:

L1731974-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD I imite	
Analyte	l/gm	mg/l	l/gm	l/gm	%	%		%				2 %	
Aluminum	10.0	0.0835	9.83	77.6	97.5	8.96	-	70.0-130			0.643	000	
Antimony	1.00	<0.00242	0.971	0.963	97.1	96.3		70.0-130			0880	20	
Arsenic	1.00	<0.00418	0.968	0.962	8.96	96.2	-	70 0-130			0.000	30	
Barium	1.00	0.0144	0.964	0.954	95.0	93.9		70.0-130			111	20	
Beryllium	1.00	<0.000180	0.969	0.964	6.96	96.4	-	70.0-130			0.466	20	
Boron	1.00	0.476	1.41	1.41	93.8	93.8	-	70.0-130			0000	20	
Cadmium	1.00	<0.000350	0.973	0.967	97.3	7:96	-	70.0-130			0.000	20	
Chromium	1.00	0.00127	0.952	0.948	95.1	94.7	-	70.0-130			0.474	02	
Cobalt	1.00	<0.000680	0.973	696.0	97.3	6'96	-	70.0-130			0.453	2 2	
Copper	1.00	0.0219	0.981	8/6.0	95.9	92.6	-	70.0-130			0.357	02	
Iron	10.0	0.0757	9.91	9.84	98.3	97.6	-	70.0-130			0.237	20	
Lead	1.00	0.00604	0.983	0.975	7.76	6.96	-	70.0-130			797 0	20 20	
Magnesium	10.0	1.36	11.2	11.2	97.9	97.9	-	70.0-130			0000	20	
Manganese	1.00	0.0180	1.00	0.998	98.3	0.86		70.0-130			0.230	20	
Molybdenum	1.00	<0.00760	0.941	0.940	94.1	94.0	-	70.0-130			0.000	20	
Nickel	1.00	<0.00358	0.975	0.970	97.5	97.0		70.0-130			0.525	20	
Selenium	1.00	<0.00500	0.984	0.974	98.4	97.4	-	70.0-130			0.960	20	
Silver	0.500	<0.000990	0.470	0.467	94.1	93.4	-	70.0-130			0.300	20	
Thallium	1.00	<0.00775	0.850	0.845	85.0	84.5	-	70.0-130			0.661	20	
Tin	1.00	<0.00240	0.989	0.985	98.9	98.5	-	70.0-130			0.395	20	
Titanium	1.00	<0.00835	0.954	0.949	95.4	94.9	-	70.0-130			0.555	20	
Zinc	1.00	0.0427	1.03	1.02	98.5	97.6	-	70.0-130			0.879	20	

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QUALITY CONTROL SUMMARY

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Volatile Organic Compounds (GC/MS) by Method 624.1

WG2278424

Method Blank (MB)

UC.01 +2/20/20 2-10+00+7 (DIVI)					
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	l/gm		∥g/l	mg/l	
1,1,1-Trichloroethane	<0.00335		0.00335	0.00500	
1,1,2,2-Tetrachloroethane	<0.000596		0.000596	0.00500	
1,1,2-Trichloroethane	<0.00145		0.00145	0.00500	
1,1-Dichloroethane	<0.00292		0.00292	0.00500	
1,1-Dichloroethene	<0.00367		0.00367	0.00500	
1,2-Dichlorobenzene	<0.00172		0.00172	0.00200	
1,2-Dichloroethane	<0.00195		0.00195	0.00500	
1,2-Dichloropropane	<0.000804		0.000804	0.00200	
1,3-Dichlorobenzene	<0.00419		0.00419	0.00500	
1,4-Dichlorobenzene	<0.00173		0.00173	0.00200	
2-Chloroethyl vinyl ether	<0.00652		0.00652	0.0100	
Acrolein	<0.00544		0.00544	0.0100	
Acrylonitrile	<0.00709		0.00709	0.0100	
Benzene	<0.00207		0.00207	0.00500	
Bromodichloromethane	<0.00179		0.00179	0.00200	
Bromoform	<0.000960		09600000	0.0100	
Bromomethane	<0.00347		0.00347	0.00500	
Carbon tetrachloride	<0.00159		0.00159	0.00200	
Chlorobenzene	<0.00276		0.00276	0.0100	
Chloroethane	<0.00296		0.00296	0.00500	
Chloroform	<0.00212		0.00212	0.00500	
Chloromethane	<0.00361		0.00361	0.00500	
cis-1,2-Dichloroethene	<0.00113		0.00113	0.00500	
cis-1,3-Dichloropropene	<0.00492		0.00492	0.0100	
Dibromochloromethane	<0.00327		0.00327	0.00500	
Ethylbenzene	<0.000401		0.000401	0.00200	
Methylene Chloride	<0.0118		0.0118	0.0200	
Tetrachloroethene	<0.00486		0.00486	0.0100	
Toluene	<0.00219		0.00219	0.00500	
Total 1,3-Dichloropropene	<0.00372		0.00372	0.0100	
trans-1,2-Dichloroethene	<0.00501		0.00501	0.0100	
trans-1,3-Dichloropropene	<0.00460		0.00460	0.00500	
Trichloroethene	<0.00262		0.00262	0.00500	
Vinyl chloride	<0.00466		0.00466	0.00500	
(S) 1,2-Dichloroethane-d4	95.9			70.0-130	
(S) 4-Bromofluorobenzene	101			70.0-130	

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PAGE: 34 of 70

DATE/TIME: 05/16/24 16:02

SDG: L1731230

PROJECT:

Holiday Beach WSC ACCOUNT:

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DATE/TIME: 05/16/24 16:02

SDG: L1731230

PROJECT:

ACCOUNT: Holiday Beach WSC

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Laboratory Control Sample (LCS)

(LCS) R4065451-1 05/02/24 09:55	2/24 09:55						
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier		
Analyte	l/gm	mg/l	96	%			
1,1,1-Trichloroethane	0.0200	0.0210	105	70.0-130			
1,1,2,2-Tetrachloroethane	0.0200	0.0207	104	60.0-140		60.0-140	
1,1,2-Trichloroethane	0.0200	0.0222	111	70.0-130			
1,1-Dichloroethane	0.0200	0.0199	99.5	70.0-130			
1,1-Dichloroethene	0.0200	0.0204	102	50.0-150			
1,2-Dichlorobenzene	0.0200	0.0218	109	65.0-135			
1,2-Dichloroethane	0.0200	0.0208	104	70.0-130			
1,2-Dichloropropane	0.0200	0.0206	103	35.0-165			
1,3-Dichlorobenzene	0.0200	0.0222	E	70.0-130			
1,4-Dichlorobenzene	0.0200	0.0221	111	65.0-135			
2-Chloroethyl vinyl ether	0.100	0.109	109	1.00-225			
Acrolein	0.100	0.0882	88.2	64.0-139			
Acrylonitrile	0.100	0.0873	87.3	67.0-136			
Benzene	0.0200	0.0217	109	65.0-135			
Bromodichloromethane	0.0200	0.0213	106	65.0-135			
Вготобогт	0.0200	0.0209	105	70.0-130			
Bromomethane	0.0200	0.0181	90.5	15.0-185			
Carbon tetrachloride	0.0200	0.0205	103	70.0-130			
Chlorobenzene	0.0200	0.0213	106	65.0-135			
Chloroethane	0.0200	0.0193	96.5	40.0-160			
Chloroform	0.0200	0.0206	103	70.0-135			
Chloromethane	0.0200	0.0162	81.0	1.00-205			
cis-1,2-Dichloroethene	0.0200	0.0215	108	70.0-130			
cis-1,3-Dichloropropene	0.0200	0.0207	104	25.0-175			
Dibromochloromethane	0.0200	0.0225	13	70.0-135			
Ethylbenzene	0.0200	0.0216	108	60.0-140			
Methylene Chloride	0.0200	0.0184	92.0	60.0-140			
Tetrachloroethene	0.0200	0.0225	113	70.0-130			
Toluene	0.0200	0.0216	108	70.0-130			
Total 1,3-Dichloropropene	0.0401	0.0389	97.0	70.0-130		i.	
trans-1,2-Dichloroethene	0.0200	0.0194	97.0	70.0-130			
trans-1,3-Dichloropropene	0.0200	0.0182	91.0	50.0-150			
Trichloroethene	0.0200	0.0210	105	65.0-135			
Vinyl chloride	0.0200	0.0177	88.5	5.00-195	5.00-195		
(S) 1,2-Dichloroethane-d4			98.5	70.0-130			
(S) 4-Bromofluorobenzene			89.3	70.0-130	70.0-130		
(S) Toluene-d8			101	70.0-130			

WG2278424

QUALITY CONTROL SUMMARY

Method 624.1

Volatile Organic Compounds (GC/MS) by Method 624.1

L1729159-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

n I			(a., (a., a., a., a., a., a., a., a., a., a.,										۱
(OS) L1729159-05 05/02/24 12:49 (MS) R4065451-3 05/02/24 13:14 (MSD) R4065451-4 05/02/24 13:38 Spile Amount Original Descut MS Decut MSD Descrit MS Decut MSD Proceed and Descrit MSD Proceed and Descript MSD P	724 12:49 • (MS)	R4065451-3 05/02/24 13	5/02/24 13:14 MS Pecult	(MSD) R4065 MSD Recult	451-4 05/02/2 MS Per	4 13:38 MSD Ber	Dilution	Poc Limite	MS Onalifier	MSD Qualifier	Udd	RPD Limits	
Analyte	mg/l	ma/l	ma/l	ma/l	96	%		%°			96	%	
1.1.1-Trichloroethane	0.0200	<0.00335	0.0210	0.0201	105	101	_	52.0-162			4.38	36	
1,1,2,2-Tetrachloroethane	0.0201	<0.000596	0.0195	0.0191	0.76	95.0	-	46.0-157			2.07	61	
1,1,2-Trichloroethane	0.0200	<0.00145	0.0203	0.0201	102	101	-	52.0-150			0.990	45	
1,1-Dichloroethane	0.0200	<0.00292	0.0189	0.0198	94.5	0.66	-	59.0-155			4.65	40	
1,1-Dichloroethene	0.0200	<0.00367	0.0214	0.0216	107	108	,-	1.00-234			0.930	32	
1,2-Dichlorobenzene	0.0200	<0.00172	0.0194	0.0187	97.0	93.5	-	18.0-190			3.67	57	
1,2-Dichloroethane	0.0200	<0.00195	0.0193	0.0193	96.5	96.5	-	49.0-155			0.000	49	
1,2-Dichloropropane	0.0199	<0.000804	0.0193	0.0192	97.0	96.5	<u>-</u>	1.00-210			0.519	55	
1,3-Dichlorobenzene	0.0199	<0.00419	0.0195	0.0185	0.86	93.0	-	59.0-156			5.26	43	
1,4-Dichlorobenzene	0.0200	<0.00173	0.0188	0.0177	94.0	88.5		18.0-190			6.03	57	
2-Chloroethyl vinyl ether	0.100	<0.00652	0.0332	0.0337	33.2	33.7	_	1.00-305			1.49	7.1	
Acrolein	0.100	<0.00544	0.0903	0.0891	90.3	1.68	-	4.00-172			1.34	20	
Acrylonitrile	0.100	<0.00709	0.0957	0.108	95.7	108	,-	22.0-189			12.1	20	
Benzene	0.0200	<0.00207	0.0208	0.0202	104	101	.	37.0-151			2.93	61	
Bromodichloromethane	0.0199	<0.00179	0.0206	0.0202	104	102		35.0-155			1.96	26	
Bromoform	0.0198	<0.000960	0.0194	0.0201	0.86	102	, -	70.0-130			3.54	42	
Bromomethane	0.0200	<0.00347	0.0161	0.0178	80.5	0.68	_	15.0-185			10.0	61	
Carbon tetrachloride	0.0200	<0.00159	0.0213	0.0201	106	101	-	70.0-140			5.80	41	
Chlorobenzene	0.0200	<0.00276	0.0204	0.0197	102	98.5	-	37.0-160			3.49	53	
Chloroethane	0.0200	<0.00296	0.0220	0.0213	110	106	•	14.0-230			3.23	78	
Chloroform	0.0198	<0.00212	0.0191	0.0203	96.5	103	_	51.0-138			60.9	54	
Chloromethane	0.0200	<0.00361	0.0145	0.0140	72.5	70.0	_	1.00-273			3.51	20	
cis-1,2-Dichloroethene	0.0200	0.0743	0.0941	0.0982	0.66	120	-	70.0-130			4.26	20	
cis-1,3-Dichloropropene	0.0200	<0.00492	0.0160	0.0159	80.0	79.5	-	1.00-227			0.627	58	
Dibromochloromethane	0.0198	<0.00327	0.0205	0.0206	104	104	_	53.0-149			0.487	20	
Ethylbenzene	0.0200	<0.000401	0.0197	0.0200	98.5	100	_	37.0-162			1.51	63	
Methylene Chloride	0.0204	<0.0118	0.0177	0.0187	86.8	91.7	-	1.00-221			5.49	28	
Tetrachloroethene	0.0200	<0.00486	0.0207	0.0204	104	102	_	64.0-148			1.46	39	
Toluene	0.0200	<0.00219	0.0203	0.0205	102	103	-	47.0-150			0.980	41	
Total 1,3-Dichloropropene	0.0401	<0.00372	0.0311	0.0310	9.77	77.3	-	70.0-130			0.322	20	
trans-1,2-Dichloroethene	0.0200	<0.00501	0.0203	0.0209	8.06	93.8	-	54.0-156			2.91	45	
trans-1,3-Dichloropropene	0.0201	<0.00460	0.0151	0.0151	75.1	75.1	_	17.0-183			0.000	98	
Trichloroethene	0.0200	0.0550	0.0769	0.0753	109	102	-	70.0-157			2.10	48	
Vinyl chloride	0.0200	0.00744	0.0244	0.0260	84.8	92.8	-	1.00-251			6.35	99	
(S) 1,2-Dichloroethane-d4					98.2	8.96		70.0-130					
(S) 4-Bromofluorobenzene					95.4	92.4		70.0-130					
(S) Toluene-d8					2.66	101		70.0-130					

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SDG: L1731230

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Method Blank (MB)

(MB) R4000000-1 US/US/24 Z2:46	04.77 47									
	MB Result	MB Qualifier	MB MDL	MB RDL						
Analyte	l/gm		mg/l	l/gm						
Aldrin	<0.0000198		0.0000198	0.0000500	April Andrews (193) (197) (197) (197) (197) (197)	care democratic of the section is not seen to the contract of		of the cities and personnel delices	-	
Alpha BHC	<0.0000172		0.0000172	0.00000500						
Beta BHC	<0.0000208		0.0000208	0.0000500						
Delta BHC	<0.0000150		0.0000150	0.0000500						
Gamma BHC	<0.0000209		0.0000209	0.0000500						
Chlordane	<0.0000198		0.0000198	0.00500						
4,4-DDD	<0.0000177		0.0000177	0.0000500						
4,4-DDE	<0.0000154		0.0000154	0.0000500						
4,4-DDT	<0.0000198		0.0000198	0.0000500						
Dieldrin	<0.0000162		0.0000162	0.0000500						
Endosulfan I	<0.0000160		0.0000160	0.0000500						
Endosulfan II	<0.0000164		0.0000164	0.0000500						
Endosulfan sulfate	<0.0000217		0.0000217	0.0000500						
Endrin	<0.0000161		0.0000161	0.0000500						
Endrin aldehyde	<0.0000237		0.0000237	0.0000500						
Endrin ketone	<0.0000219		0.0000219	0.0000500						
Heptachlor	<0.0000148		0.0000148	0.0000500						
Heptachlor epoxide	<0.0000183		0.0000183	0.0000500						
Hexachlorobenzene	<0.0000176		0.0000176	0.0000500						
Methoxychlor	<0.0000193		0.0000193	0.0000500						
Toxaphene	<0.000168		0.000168	0.000500						
gamma-Chlordane	<0.0000137		0.0000137	0.0000500						
alpha-Chlordane	<0.0000149		0.0000149	0.0000500						
(S) Decachlorobiphenyl	41.7			10.0-144						
(S) Tetrachloro-m-xvlene	58.2			10 0-135						

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Laboratory Control Sample (LCS)

(LCS) R4066085-,	-CS) R4066085-2 05/05/24 22:55						V2	1		
Analyte	Spike Amount mg/l	LCS Result	LCS Rec. %	Rec. Limits %	LCS Qualifier			į		·
Aldrin	0.00100	0.000695	69.5	42.0-140	And the same of the same and th					
Alpha BHC	0.00100	0.000768	76.8	37.0-140						
Beta BHC	0.00100	0.000765	76.5	17.0-147						
Delta BHC	0.00100	0.000735	73.5	19.0-140						
Gamma BHC	0.00100	0.000805	80.5	32.0-140						
4,4-DDD	0.00100	0.000771	77.1	31.0-141						
4,4-DDE	0.00100	0.000720	72.0	30.0-145						
4,4-DDT	0.00100	0.000736	73.6	25.0-160						7

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PROJECT:

ACCOUNT: Holiday Beach WSC

QUALITY CONTROL SUMMARY

11731230-01

WG2280140 Pesticides (GC) by Method EPA 608.3

Laboratory Control Sample (LCS)

C. T. C.	11 00 00 1					
(LCS) K4066085-2 U5/U5/24 22:55	5/24 42:55					
	Spike Amount LCS Result	LCS Result	LCS Rec.	Rec. Limits	-CS Qualifier	
Analyte	l/gm	l/gm	%	%		
Dieldrin	0.00100	0.000761	76.1	36.0-146		
Endosulfan I	0.00100	0.000703	70.3	45.0-153		
Endosulfan II	0.00100	0.000765	76.5	1.00-202		
Endosulfan sulfate	0.00100	0.000779	9.77	26.0-144		
Endrin	0.00100	0.000761	76.1	30.0-147		
Endrin aldehyde	0.00100	0.000641	64.1	56.0-128		
Endrin ketone	0.00100	0.000772	77.2	54.0-142		
Heptachlor	0.00100	0.000811	81.1	34.0-140		
Heptachlor epoxide	0.00100	0.000772	77.2	37.0-142		
Hexachlorobenzene	0.00100	0.000711	71.1	35.0-120		
Methoxychlor	0.00100	0.000793	79.3	44.0-160		
gamma-Chlordane	0.00100	0.000735	73.5	45.0-140		
alpha-Chlordane	0.00100	0.000728	72.8	45.0-140		
(S) Decachlorobiphenyl			35.9	10.0-144		
(S) Tetrachloro-m-xylene			0.99	10.0-135		

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L1731230-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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Analyte Analyte MSD Result MSD Result <th>(OS) L1/31230-01 05/05/24 23:12 • (MS) R4066085-3 05/05/24 23:21 • (MSD) R4066085-4 05/05/24 23:30</th> <th>74 23:12 • (MS) k</th> <th>4066085-3 UE</th> <th>7/05/24 23:21</th> <th> (MSD) K4066 </th> <th>085-4 05/05</th> <th>7,74 73:30</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	(OS) L1/31230-01 05/05/24 23:12 • (MS) R4066085-3 05/05/24 23:21 • (MSD) R4066085-4 05/05/24 23:30	74 23:12 • (MS) k	4066085-3 UE	7/05/24 23:21	 (MSD) K4066 	085-4 05/05	7,74 73:30							
mg/l mg/l mg/l mg/l mg/l % % % C 0.00100 <0.0000198 0.0000732 71.7 73.2 1 42.0-440 C 0.00100 <0.0000172 0.000722 71.7 73.2 1 42.0-440 C 0.00100 <0.0000172 0.000754 73.9 75.4 1 17.0-147 C 0.00100 <0.0000178 0.000779 73.9 75.4 1 170-147 C 0.00100 <0.0000178 0.000779 0.000779 73.9 74.4 1 170-147 HC 0.00100 <0.0000174 0.000779 0.000779 75.9 79.2 1 32.0-140 A 0.00100 <0.0000184 0.000779 0.000779 75.9 79.2 1 25.0-140 A 0.00100 <0.0000162 0.000779 7.0 7.3 1 25.0-140 A 0.00100 <0.0000162 0.000779 7.0		Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
C 0.00100	Analyte			l/gm	mg/l	%	%		%			9°	%	
C 0.00100 <0,0000172 0.0000754 75.7 70.2 1 37.0-140 C 0.00100 <0,0000208 0.000754 73.9 75.4 1 77.0-147 C 0.00100 <0,0000150 0.000775 0.000774 77.8 77.1 1 17.0-147 BHC 0.00100 <0,0000176 0.000792 0.000793 79.2 79.3 1 19.0-140 BHC 0.00100 <0,0000177 0.000794 77.5 79.3 1 19.0-140 0.00100 <0,0000174 0.000779 0.000779 77.9 76.3 1 31.0-141 0.00100 <0,0000174 0.000779 0.000779 77.9 76.3 1 25.0-140 nill 0.00100 <0,0000176 0.000779 77.9 77.4 1 25.0-146 nill 0.00100 <0,0000176 0.000769 77.9 77.9 77.4 1 25.0-146 nill 0.00100 <0,0000176	Aldrin	0.00100	<0.0000198	0.000717	0.000732	7.17	73.2	,	42.0-140			2.07	35	
CO 00100 C.0.00002A30 0.000734 73.9 75.4 1 17.0-147 C 0.00100 C.0.0000150 0.000732 0.00071 71.8 71.1 1 17.0-140 HrC 0.00100 C.0.0000173 0.000732 0.000733 79.2 79.3 1 19.0-140 0.00100 C.0.0000177 0.000774 0.000793 77.5 79.4 1 19.0-140 0.00100 C.0.0000174 0.000773 0.000763 77.9 76.3 1 25.0-140 0.00100 C.0.0000174 0.000779 0.000779 77.9 77.4 1 25.0-140 an II 0.00100 C.0.000016 0.000779 0.000779 77.9 77.9 1 25.0-140 an III 0.00100 C.0.000016 0.000779 0.000779 76.0 77.9 1 26.0-143 an III 0.00100 C.0.0000174 0.000779 76.0 77.9 1 26.0-144 denyde 0.00100	Alpha BHC	0.00100	<0.0000172	0.000757	0.000702	75.7	70.2	_	37.0-140			7.54	36	
C 0.00100 <0.0000150 0.0000150 0.0000150 0.0000150 0.0000150 0.00000209 0.0000029 0.0000	Beta BHC	0.00100	<0.0000208	0.000739	0.000754	73.9	75.4	,	17.0-147			2.01	44	
9HC 0.00100 <0.0000209 0.000795 0.000093 79.2 79.3 1 32.0-140 0.00100 <0.0000177	Delta BHC	0.00100	<0.0000150	0.000718	0.000711	71.8	71.1	-	19.0-140			0.980	52	
0.00100 <0.000077 0.00075 0.000763 77.5 79.4 1 31.0-141 0.00100 <0.0000154	Gamma BHC	0.00100	<0.0000209	0.000792	0.000793	79.2	79.3	Ļ	32.0-140			0.126	39	
0.00100 <0.0000154 0.000739 0.000763 73.9 76.3 1 30.0-145 0.00100 <0.000108	4,4-000	0.00100	<0.0000177	0.000775	0.000794	77.5	79.4	,	31.0-141			2.42	39	
0.00100 <0.0000198 0.000779 0.000732 77.9 79.2 1 25.0-160 an II 0.00100 <0.0000162	4,4-DDE	0.00100	<0.0000154	0.000739	0.000763	73.9	76.3	Ţ	30.0-145			3.20	35	
0.00100 <0.0000162 0.000760 0.000774 76.0 77.4 1 36.0-146 0.00100 <0.0000160	4,4-DDT	0.00100	<0.0000198	0.000779	0.000792	6.77	79.2	~	25.0-160			1.65	42	
0.00100 <0.0000160 0.000736 0.000630 70.6 63.0 1 45.0-153 0.00100 <0.0000164	Dieldrin	0.00100	<0.0000162	0.000760	0.000774	76.0	77.4	-	36.0-146			1.83	49	
0.00100 <0.0000164	Endosulfan I	0.00100	<0.0000160	0.000706	0.000630	9.07	63.0	~	45.0-153			11.4	28	
0.00100 <0.0000217	Endosulfan II	0.00100	<0.0000164	0.000760	0.000779	76.0	77.9	-	1.00-202			2.47	53	
0.00100 <0.0000161	Endosulfan sulfate	0.00100	<0.0000217	0.000779	0.000791	6.77	79.1	-	26.0-144			1.53	38	
0.00100 <0.0000237	Endrin	0.00100	<0.0000161	0.000766	0.000681	9.92	68.1	~	30.0-147			11.7	48	
0.00100 <0.0000219	Endrin aldehyde	0.00100	<0.0000237	0.000692	0.000659	69.2	62.9	-	56.0-128			4.89	20	
0.00100 <0.0000148	Endrin ketone	0.00100	<0.0000219	0.000769	0.000787	76.9	78.7	-	54.0-142			2.31	20	
0.00100 <0.0000183 0.000763 0.000766 76.3 76.6 1 37.0-142 0.00100 <0.0000176 0.000693 0.000686 69.3 68.6 1 35.0-120	Heptachlor	0.00100	<0.0000148	0.000837	0.000822	83.7	82.2	-	34.0-140			1.81	43	
0.00100 <0.0000176 0.000693 0.000686 69.3 68.6 1 35.0-120	Heptachlor epoxide	0.00100	<0.0000183	0.000763	0.000766	76.3	9.92	-	37.0-142			0.392	26	
	Hexachlorobenzene	0.00100		0.000693	0.000686	69.3	9.89	-	35.0-120			1.02	25	

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PROJECT:

Holiday Beach WSC

ACCOUNT:

Pesticides (GC) by Method EPA 608.3

L1731230-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

L1731230-01

(US) L1/31230-01 US/0S/24 Z3:12 • (MS) R4066085-3 05/0S/24 Z3:21 • (MSD) R4066085-4 05/0S/24 Z3:30	1/24 23:12 • (MS) I	R4066085-3 0	5/05/24 23:2	1 · (MSD) R406	6085-4 05/C)5/24 23:30							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	Udd	ofimi L Odd	
Analyte	mg/l	mg/l	l/gm	l/gm	96	%		%			5 % 7	Ard LIIIIS	
Methoxychlor	0.00100	<0.0000193	0.000823	0.000799	82.3	79.9	-	44 0-160			206	2 6	And the particular formation of the first feet and the fe
gamma-Chlordane	0.00100	<0.0000137	0.000741	0.000756	74.1	75.6		45 0-140			2.30	77	
alpha-Chlordane	0.00100	<0.0000149	0.000727	0.000736	72.7	73.6		45 0-140			1.22	સ સ	
(S) Decachlorobiphenyl					39.8	49.2		10.0-144			671	CC CC	
(S) Tetrachloro-m-xylene					65.5	64.0		10.0-135					

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ACCOUNT: Holiday Beach WSC

QUALITY CONTROL SUMMARY L1731230-01

Polychlorinated Biphenyls (GC) by Method EPA-608.3

Method Blank (MB)

WG2280140

(MB) R4066085-1 05/05/24 22:46	05/24 22:46			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	l/gm		l/gm	l/gm
PCB 1016	<0.000270		0.000270	0.000500
PCB 1221	<0.000270		0.000270	0.000500
PCB 1232	<0.000270		0.000270	0.000500
PCB 1242	<0.000270		0.000270	0.000500
PCB 1248	<0.000173		0.000173	0.000500
PCB 1254	<0.000173		0.000173	0.000500
PCB 1260	<0.000173		0.000173	0.000500
Total PCBs	<0.000173		0.000173	0.000500
(S) Decachlorobiphenyl	54.8			10.0-144
(S) Tetrachloro-m-xvlene	е 76.3			10.0-135

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Laboratory Control Sample (LCS)

(LCS) R4066085-5 05/05/24 23:04	5/24 23:04				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte -	l/gm	l/gm	%	%	
PCB 1016	0.00250	0.00176	70.4	50.0-140	
PCB 1260	0.00250	0.00134	53.6	8.00-140	
(S) Decachlorobiphenyl			30.0	10.0-144	
(S) Tetrachloro-m-xylene			68.7	10.0-135	

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L1731230-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%	36	38		
	RPD	,0 ,0	0.847	1.39		
	MSD Qualifier	0:				
	MS Qualifier					
	Rec. Limits	%	50.0-140	8.00-140	10.0-144	10.0-135
	Dilution		-	-		
15/24 23:48	MSD Rec.	%	94.8	86.0	78.2	87.7
1/50 /-5809°	MS Rec.	%	94.0	87.2	79.2	84.6
9 • (MSD) R406	MSD Result	l/6m	0.00237	0.00215		
5/05/24 23:35	MS Result	l/gm	0.00235	0.00218		
4066085-6 0	Original Result	∥gш	<0.000270	<0.000173		
4 23:12 • (MS) R	Spike Amount	∥⁄gш	0.00250	0.00250		
(0S) L1/31230-01 05/05/2	Spike Amount Original Result MS Result MSD Result MS Rec.	Analyte	PCB 1016	PCB 1260	(S) Decachlorobiphenyl	(S) Tetrachloro-m-xylene

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PROJECT:

Holiday Beach WSC ACCOUNT:

Method Blank (MB)

Metriod Dialik (MB)								ſ
(MB) R4067387-3 05/08/24 14:05	24 14:05							Co
	MB Result	MB Qualifier	MB MDL	MB RDL				7
Analyte	mg/l		l/gm	mg/l			124	0
1,2,4,5-Tetrachlorobenzene	<0.00132		0.00132	0.00250			providents pre-bronne press of providents and desired expends absorbed to the commonwealth.	3
1,2,4-Trichlorobenzene	<0.00159		0.00159	0.00250			8	
1,2-Dichlorobenzene	<0.00168		0.00168	0.00250			S	Ss
1,3-Dichlorobenzene	<0.00170		0.00170	0.00250				71
1,4-Dichlorobenzene	<0.00184		0.00184	0.00250			\$	٦.
2,2-Oxybis(1-Chloropropane)	<0.00116		0.00116	0.00250				5
2,4,5-Trichlorophenol	<0.00193		0.00193	0.00250			<u>u</u>	
2,4,6-Trichlorophenol	<0.00179		0.00179	0.00250			S	70
2,4-Dichlorophenol	<0.000820		0.000820	0.00250				1
2,4-Dimethylphenol	<0.00142		0.00142	0.00500			9	Č
2,4-Dinitrophenol	<0.00115		0.00115	0.00500)
2,4-Dinitrotoluene	<0.00265		0.00265	0.00500			7	
2,6-Dichlorophenol	<0.00107		0.00107	0.00250			0	<u></u>
2,6-Dinitrotoluene	<0.00181		0.00181	0.00500				71
2-Chloronaphthalene	<0.00143		0.00143	0.00250			8	
2-Chlorophenol	<0.000820		0.000820	0.00250			The state of the s	
2-Methylphenol	<0.000760		0.000760	0.00500			6	Γ
2-Nitrophenol	<0.00169		0.00169	0.00250			S	Sc
3&4-Methyl Phenol	<0.000767		0.000767	0.00250				7
3,3-Dichlorobenzidine	<0.00265		0.00265	0.00500				
4,6-Dinitro-2-methylphenol	<0.00150		0.00150	0.00500				
4-Bromophenyl-phenylether	<0.00104		0.00104	0.00250				
4-Chloro-3-methylphenol	<0.000865		0.000865	0.00250				
4-Chlorophenyl-phenylether	<0.00140		0.00140	0.00250				
4-Nitrophenol	<0.00164		0.00164	0.00500				
Acenaphthene	<0.00134		0.00134	0.00250				
Acenaphthylene	<0.00134		0.00134	0.00250				
Acetophenone	<0.000788		0.000788	0.00250				
Alpha-Terpineol	<0.000696		96900000	0.00250				
Aniline	<0.000536		0.000536	0.00250				
Anthracene	<0.00111		0.00111	0.00250				
Atrazine	<0.00167		0.00167	0.00250				
Benzidine	<0.00311		0.00311	0.0100				
Benzo(a)anthracene	<0.000933		0.000933	0.00250				
Benzo(a)pyrene	<0.000941		0.000941	0.00250				
Benzo(b)fluoranthene	<0.00102		0.00102	0.00250				
Benzo(g,h,i)perylene	<0.00101		0.00101	0.00250				
Benzo(k)fluoranthene	<0.000934		0.000934	0.00250				
Benzoic acid	<0.00657		0.00657	0.0100				
Benzylbutyl phthalate	<0.00143		0.00143	0.00250				
	Linicoo						* 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4 # T	Holiday Boach Misc			PROJECT:	SDG:	DATE/TIME:	PAGE:	
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WG227866 Semi Volatile Organic Compounds (GC/MS) by Method 625.1

Method Blank (MB)

QUALITY CONTROL SUMMARY

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(MB) R4067387-3 05/08/24 14:05)
	MB Result MB Qualifier	alifier MB MDL	MB RDL	IDL				
Analyte	l/gm	l/gm	l/gm					0
Bis(2-chlorethoxy)methane	<0.000991	0.000991	0.00250	250				
Bis(2-chloroethyl)ether	<0.00101	0.00101	0.00250	250				55
Bis(2-chloroisopropyl)ether	<0.00116	0.00116	0.00250	250)
Bis(2-Ethylhexyl)phthalate	<0.00318	0.00318	0.00500	200				4
Carbazole	<0.00106	0.00106	0.00250	250				5
Chrysene	<0.00102	0.00102	0.00250	250				
Di-n-butyl phthalate	<0.00120	0.00120	0.00250	250				S
Di-n-octyl phthalate	<0.00174	0.00174	0.00250	250				
Dibenz(a,h)anthracene	<0.00110	0.00110	0.00250	250			Size	9
Dibenzofuran	<0.00120	0.00120	0.00250	250				QC
Diethyl phthalate	<0.000915	0.000915	0.00250	250				
Dimethyl phthalate	<0.000878	0.000878	0.00250	250				19
Fluoranthene	<0.00114	0.00114	0.00250	250				2
Fluorene	<0.00131	0.00131	0.00250	250				89
Hexachloro-1,3-butadiene	<0.00176	0.00176	0.00250	250				4
Hexachlorobenzene	<0.000972	0.000972	0.00250	250				
Hexachlorocyclopentadiene	<0.00117	0.00117	0.0100	00				ر ال
Hexachloroethane	<0.00188	0.00188	0.00250	250				2
1,2-Diphenylhydrazine	<0.00124 N2	0.00124	0.00250	250				
Indeno(1,2,3-cd)pyrene	<0.000984	0.000984	0.00250	250				
Isophorone	<0.00183	0.00183	0.00250	250				
n-Decane	<0.00158	0.00158	0.00250	250				
n-Nitrosodi-n-butylamine	<0.000735	0.000735	0.00250	250				
n-Nitrosodi-n-propylamine	<0.00107	0.00107		250				
n-Nitrosodiethylamine	<0.000925	0.000925		250				
n-Nitrosodimethylamine	<0.000651	0.000651		250				
n-Nitrosodiphenylamine	<0.000829	0.000829	0.00250	250				
n-Octadecane	<0.00128	0.00128	0.00250	250				
Naphthalene	<0.00200	0.00200	0.00250	250				
Nitrobenzene	<0.00124	0.00124	0.00250	250				
Nonylphenol	<0.00286	0.00286	0.00500	500				
Pentachlorobenzene	<0.00134	0.00134	0.00250	250				
Pentachlorophenol	<0.00210	0.00210	0.00500	200				
Phenanthrene	<0.00113	0.00113	0.00250	250				
Phenol	<0.000967	0.000967	0.00250	250				
Pyrene	<0.00115	0.00115	0.00250	250				
Pyridine	<0.00117	0.00117	0.00250	250				
Total Cresols	<0.00153	0.00153	0.00750	750				
(S) 2,4,6-Tribromophenol	0.89		29.0-132	132				
(S) 2-Fluorobiphenyl	7.1.7		26.0-102	-102				
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4	ACCOUNT:			PROJECT:	SDG:	DATE/TIME:	PAGE:	
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Method Blank (MB)

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(MB) R4067387-3 05/08/24 14:05	24 14:05					
	MB Result	MB Qualifier	MB MDL	MB RDL		
Analyte	l/gm		l/gm	l/gm		
(S) 2-Fluorophenol	45.4		A APPLICATION OF THE PROPERTY	10.0-66.0		
(S) Nitrobenzene-d5	74.4			15.0-106		
(S) p-Terphenyl-d14	75.0			10.0-120		
(S) Phenol-d6	31.5					
Laboratory Control Sample (LCS)	Sample (L	CS)				
(LCS) R4067387-4 05/08/2414:35	724 14:35					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	mg/l	mg/l	%	%		
1,2,4,5-Tetrachlorobenzene	0.0500	0.0321	64.2	31.0-120		
1,2,4-Trichlorobenzene	0.0500	0.0359	71.8	44.0-142		
1,2-Dichlorobenzene	0.0500	0.0355	71.0	27.0-120		
1,3-Dichlorobenzene	0.0500	0.0327	65.4	26.0-120		
1,4-Dichlorobenzene	0.0500	0.0307	61.4	26.0-120		
2,2-Oxybis(1-Chloropropane)	0.0500	0.0369	73.8	36.0-166		
2,4,5-Trichlorophenol	0.0500	0.0493	98.6	44.0-124		
2,4,6-Trichlorophenol	0.0500	0.0384	76.8	37.0-144		
2,4-Dichlorophenol	0.0500	0.0430	0.98	39.0-135		
2,4-Dimethylphenol	0.0500	0.0538	108	32.0-120		
2,4-Dinitrophenol	0.0500	0.0305	61.0	1.00-191		
2,4-Dinitrotoluene	0.0500	0.0384	76.8	39.0-139		
2,6-Dichlorophenol	0.0500	0.0408	81.6	26.0-120		
2,6-Dinitrotoluene	0.0500	0.0504	101	50.0-158		
2-Chloronaphthalene	0.0500	0.0341	68.2	60.0-120		
2-Chlorophenol	0.0500	0.0365	73.0	23.0-134		
2-Methylphenol	0.0500	0.0341	68.2	26.0-120		
2-Nitrophenol	0.0500	0.0373	74.6	29.0-182		
3&4-Methyl Phenol	0.0500	0.0320	64.0	27.0-120		
3,3-Dichlorobenzidine	0.100	0.0512	51.2	1.00-262		
4,6-Dinitro-2-methylphenol	0.0500	0.0294	58.8	1.00-181		
4-Bromophenyl-phenylether	0.0500	0.0398	9.62	53.0-127		
4-Chloro-3-methylphenol	0.0500	0.0431	86.2	22.0-147		
4-Chlorophenyl-phenylether	0.0500	0.0364	72.8	25.0-158		
4-Nitrophenol	0.0500	0.0222	44.4	1.00-132		
Acenaphthene	0.0500	0.0421	84.2	47.0-145		
Acenaphthylene	0.0500	0.0346	69.2	33.0-145		
Acetophenone	0.0500	0.0368	73.6	28.0-120		
Alpha-Terpineol	0.0500	0.0402	80.4	30.0-120		

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PROJECT:

ACCOUNT: Holiday Beach WSC

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QUALITY CONTROL SUMMARY

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 $W62278666\\ Semi Volatile Organic Compounds (GC/MS) by Method 625.1$

Laboratory Control Sample (LCS)

(LCS) R4067387-4 05/08/24 14:35	/24 14:35						
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier		
Analyte	mg/l	mg/l	%	%			
Aniline	0.0500	0.0300	0.09	10.0-120			
Anthracene	0.0500	0.0402	80.4	27.0-133			
Atrazine	0.0500	0.0411	82.2	39.0-141			
Benzidine	0.100	0.0353	35.3	1.00-120			
Benzo(a)anthracene	0.0500	0.0404	80.8	33.0-143			
Benzo(a)pyrene	0.0500	0.0531	106	17.0-163		9	
Benzo(b)fluoranthene	0.0500	0.0486	97.2	24.0-159			
Benzo(g,h,i)perylene	0.0500	0.0453	9.06	1.00-219			
Benzo(k)fluoranthene	0.0500	0.0490	0.86	11.0-162			
Benzoic acid	0.100	0.0580	58.0	10.0-120			
Benzylbutyl phthalate	0.0500	0.0421	84.2	1.00-152			
Bis(2-chlorethoxy)methane	0.0500	0.0443	88.6	1.00-219			
Bis(2-chloroethyl)ether	0.0500	0.0371	74.2	33.0-185			
Bis(2-chloroisopropyl)ether	0.0500	0.0369	73.8	36.0-166		to to	
Bis(2-Ethylhexyl)phthalate	0.0500	0.0421	84.2	8.00-158			
Carbazole	0.0500	0.0482	96.4	45.0-121			
Chrysene	0.0500	0.0404	8.08	17.0-168			
Di-n-butyl phthalate	0.0500	0.0440	0.88	1.00-120			
Di-n-octyl phthalate	0.0500	0.0447	89.4	4.00-146			
Dibenz(a,h)anthracene	0.0500	0.0537	107	1.00-227			
Dibenzofuran	0.0500	0.0344	8.89	42.0-120			
Diethyl phthalate	0.0500	0.0469	93.8	1.00-120			
Dimethyl phthalate	0.0500	0.0447	89.4	1.00-120			
Fluoranthene	0.0500	0.0399	79.8	26.0-137			
Fluorene	0.0500	0.0361	72.2	59.0-121			
Hexachloro-1,3-butadiene	0.0500	0.0372	74.4	24.0-120			
Hexachlorobenzene	0.0500	0.0391	78.2	1.00-152			
Hexachlorocyclopentadiene	0.0500	0.0277	55.4	10.0-120			
Hexachloroethane	0.0500	0.0319	63.8	40.0-120			
1,2-Diphenylhydrazine	0.0500	0.0360	72.0	37.0-125	N2		
Indeno(1,2,3-cd)pyrene	0.0500	0.0390	78.0	1.00-171			
Isophorone	0.0500	0.0430	86.0	21.0-196			
n-Decane	0.0500	0.0274	54.8	10.0-127			
n-Nitrosodi-n-butylamine	0.0500	0.0404	80.8	39.0-127			
n-Nitrosodi-n-propylamine	0.0500	0.0440	88.0	1.00-230			
n-Nitrosodiethylamine	0.0500	0.0341	68.2	10.0-142			
n-Nitrosodimethylamine	0.0500	0.0220	44.0	10.0-120			
n-Nitrosodiphenylamine	0.0500	0.0375	75.0	44.0-120			
n-Octadecane	0.0500	0.0309	61.8	17.0-126			
Naphthalene	0.0500	0.0365	73.0	21.0-133			

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Laboratory Control Sample (LCS)

Analyte Ing/I Kec. Limits Rec. Limits Rec. Limits ICS Qualifier Nitobenzene 0.0500 0.0488 8.3.6 35.0.480 Analyte Nonylpharen 0.0500 0.0488 9.2 35.0.480 Analyte Pentachlorobrane 0.0500 0.0486 72.0 10.151 Analyte Phenaluthrone 0.0500 0.0438 76.8 14.0.76 Analyte Phenaluthrone 0.0500 0.0438 7.6 5.40.120 Analyte Phenaluthrone 0.0500 0.0438 7.6 5.0.120 Analyte Phenaluthrone 0.0500 0.0438 7.6 5.0.120 Analyte Pyridine 0.0500 0.0134 2.8 5.0.120 Analyte Si 2-4-Tribromophenol 6.050 0.0134 2.8 2.0-120 Si 2-4-Inorobineny 4.5 10.0-660 3.60-10 Si 2-4-Inorobineny 4.5 10.0-660 4.5 Si 2-4-Inorobineny 4.5 10.0-660 4.	(LCS) R4067387-4 05/08/2414:35	08/24 14:35							
ragell mg/l % % ratele 0.0500 0.0418 83.6 35.0-180 enol 0.0500 0.0496 99.2 57.0-136 lorobhenzene 0.0500 0.0384 76.8 10.0-151 lorophenol 0.0500 0.0413 82.6 54.0-120 linene 0.0500 0.0413 82.6 54.0-120 linene 0.0500 0.0138 77.6 52.0-120 sols 0.0500 0.0134 38.8 5.00-120 sols 0.0500 0.0134 26.8 10.0-120 sols 0.0500 0.0134 38.0 5.0-120 sols 0.0500 0.0614 38.0 10.0-120 sols 0.100 0.0661 66.1 36.0-110 Thorotophenol 45.6 10.0-66.0 10.0-66.0 robenzene-d5 81.7 15.0-106 sols 10.0-200 10.0-200		Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier			
ntzene 0.0500 0.0418 83.6 35.0-180 henol 0.0500 0.0496 99.2 57.0-136 hlorobenzene 0.0500 0.0384 76.8 14.0-176 hlorophenol 0.0500 0.0413 82.6 54.0-120 threne 0.0500 0.0413 82.6 54.0-120 threne 0.0500 0.0134 28.8 5.00-120 esols 0.0500 0.0134 28.8 5.00-120 esols 0.100 0.061 66.1 36.0-110 4.6-Tribromophenol 78.4 26.0-102 Fluorophenol 78.4 26.0-102 Trobenizene-ds 81.7 15.0-106 Terphenyl-dt4 78.0 10.0-20 10.0540 35.5 10.0-320	Analyte	l/gm	l/gm	%	%				
renol 0.0500 0.0496 99.2 57.0-136 Allorophenol 0.0500 0.0360 72.0 10.0-151 Allorophenol 0.0500 0.0413 82.6 54.0-120 Allorophenol 0.0500 0.0414 38.8 5.00-120 esols 0.0500 0.0134 26.8 10.0-120 esols 0.0500 0.0134 26.8 10.0-120 esols 0.100 0.0661 66.1 36.0-110 Hourophenol 4.6-17bromophenol 45.6 10.0-66.0 Itobenizene-45 81.7 15.0-106 Perplenyl-dt4 78.0 10.0-120 Iennol-46 35.5 10.0-54.0	Nitrobenzene	0.0500	0.0418	83.6	35.0-180	and the same special design of the same state of			
Illustry Denizere 0.0500 0.0360 72.0 10.0-151 Illusciphenol 0.0500 0.0413 82.6 54.0-120 Illusciphenol 0.0500 0.0194 38.8 5.00-120 esols 0.0500 0.0134 26.8 10.0-120 esols 0.0500 0.0134 26.8 10.0-120 esols 0.100 0.0661 66.1 36.0-110 Horotophenol 46.1 26.0-102 29.0-132 Fluorophenol 45.6 10.0-66.0 Irobenizene-45 81.7 15.0-106 Fepheny-d14 78.0 10.0-54.0 1enol-46 35.5 10.0-54.0	Nonylphenol	0.0500	0.0496	99.2	57.0-136				
Introphenol 0.0500 0.0438 76.8 14.0-176 Intrene 0.0500 0.0413 82.6 54.0-120 Intrene 0.0500 0.0194 38.8 5.00-120 esols 0.0500 0.0388 77.6 52.0-120 esols 0.0500 0.0134 26.8 10.0-120 esols 0.100 0.0661 66.1 36.0-110 4,6-Tribromophenol 78.4 26.0-102 Fluorophenol 78.4 26.0-102 Trobenizene-d5 81.7 15.0-106 Texphenyl-d44 78.0 10.0-120 Ienol-d6 35.5 10.0-54.0	Pentachlorobenzene	0.0500	0.0360	72.0	10.0-151				
threne 0.0500 0.0413 82.6 54.0-120 0.0500 0.0194 38.8 5.00-120 0.0500 0.0138 77.6 52.0-120 esols 0.0500 0.0134 26.8 10.0-120 esols 0.100 0.0661 66.1 36.0-110 4,6-7ribromophenol 65.9 29.0-132 Fluorophenol 78.4 26.0-102 trobenzene-45 81.7 15.0-106 Temphenyl-414 78.0 10.0-50 Temphenyl-444 78.0 10.0-50	Pentachlorophenol	0.0500	0.0384	76.8	14.0-176				
0.0500 0.0194 38.8 5.00-120 0.0500 0.0388 77.6 52.0-120 esols 0.0500 0.0134 26.8 10.0-120 esols 0.100 0.0661 66.1 36.0-110 4,6-Tribromophenol 55.9 29.0-132 Fluorophenol 78.4 26.0-102 trobenzene-d5 81.7 15.0-106 Terphenyl-d14 78.0 10.0-56.0 Temphenyl-d14 78.0 10.0-50.0 Temphenyl-d14 78.0 10.0-50.0	Phenanthrene	0.0500	0.0413	82.6	54.0-120				
(a) 0.0500 (a) 0.0388 77.6 52.0-120 esols (a) 0.0500 (a) 0.0134 26.8 (a) 0.0-120 esols (a) 0.0061 66.1 36.0-110 4.6-Tribromophenol 78.4 26.0-102 Fluorobinenyl 78.4 26.0-102 Trobenzene-d5 45.6 10.0-66.0 Terphenyl-d4 78.0 10.0-120 Fluorobinenyl 78.0 10.0-120	Phenol	0.0500	0.0194	38.8	5.00-120				
ssols 0.0500 0.0134 26.8 10.0-120 ssols 0.100 0.0661 66.1 36.0-110 i.e.Tribromophenol 65.9 29.0-132 fluorobiphenyl 78.4 26.0-102 ribrorophenol 45.6 10.0-66.0 robenzene-d5 81.7 15.0-106 erphenyl-d14 78.0 10.0-120 snol-d6 35.5 10.0-54.0	Pyrene	0.0500	0.0388	77.6	52.0-120				
bromophenol 0.0661 66.1 36.0-110 biphenyl 65.9 29.0-132 phenol 78.4 26.0-102 promophenol 45.6 10.0-66.0 nzene-d5 81.7 15.0-106 snyl-d14 78.0 10.0-120 36.5 10.0-54.0	Pyridine	0.0500	0.0134	26.8	10.0-120				
65.9 29.0-132 78.4 26.0-102 45.6 10.0-66.0 81.7 15.0-106 78.0 10.0-120 35.5 10.0-54.0	Total Cresols	0.100	0.0661	66.1	36.0-110				
78.4 26.0-102 45.6 10.0-66.0 81.7 15.0-106 78.0 10.0-120 35.5 10.0-54.0	(S) 2,4,6-Tribromophenol			62.9	29.0-132				
45.6 10.0-66.0 81.7 15.0-106 78.0 10.0-120 35.5 10.0-54.0	(S) 2-Fluorobiphenyl			78.4	26.0-102				
81.7 15.0-106 78.0 10.0-120 35.5 10.0-54.0	(S) 2-Fluorophenol			45.6	10.0-66.0				
78.0 10.0-120 35.5 10.0-54.0	(S) Nitrobenzene-d5			81.7	15.0-106				
35.5 10.0-54.0	(S) p-Terphenyl-d14			78.0	10.0-120				
	(S) Phenol-d6			35.5	10.0-54.0				

L1732443-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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(03) LI/32443-02 US/U//24 ZI:ZZ • (MS) R406/387-1 05/07/24 20:22 •	24 21:22 · (MS)	K406/387-1 05	707/24 20:2.	2 · (MSD) R406	(MSD) R4067387-2 05/07/24 20:52	7/24 20:52							
	Spike Amount	Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD I imits	
Analyte	l/gm	mg/l	l/gm	mg/l	%	%		96				94 1	
1,2,4,5-Tetrachlorobenzene	0.0472	<0.00132	0.0202	0.0203	42.8	43.0	-	10.0-147			0.494	2 %	
1,2,4-Trichlorobenzene	0.0472	<0.00159	0.0244	0.0250	51.7	53.0		44.0-142			2.43	t, G	
1,2-Dichlorobenzene	0.0472	<0.00168	0.0228	0.0235	48.3	49.8		14.0-125			3.07	24	
1,3-Dichlorobenzene	0.0472	<0.00170	0.0197	0.0203	41.7	43.0		12.0-123			3.00	22	
1,4-Dichlorobenzene	0.0472	<0.00184	0.0199	0.0196	42.2	41.5	-	12.0-125			157	73	
2,2-0xybis(1-Chloropropane)	0.0472	<0.00116	0.0258	0.0280	54.7	59.3	-	36.0-166			8.18	92	
2,4,5-Trichlorophenol	0.0472	<0.00193	0.0365	0.0371	77.3	78.6	-	15.0-160			163	27	
2,4,6-Trichlorophenol	0.0472	<0.00179	0.0291	0.0302	61.7	64.0	-	37.0-144			3.71	. %	
2,4-Dichlorophenol	0.0472	<0.000820	0.0314	0.0320	66.5	67.8	-	39.0-135			1.89	20 %	
2,4-Dimethylphenol	0.0472	<0.00142	0.0400	0.0398	84.7	84.3	1	32.0-120			0.501	28 2	
2,4-Dinitrophenol	0.0472	<0.00115	0.0334	0.0351	8'02	74.4	-	1.00-191			4 96	13.2	
2,4-Dinitrotoluene	0.0472	<0.00265	0.0274	0.0291	58.1	61.7	-	39.0-139			6.02	CV	
2,6-Dichlorophenol	0.0472	<0.00107	0.0327	0.0327	69.3	69.3	-	60.0-140			0.000	31	
2,6-Dinitrotoluene	0.0472	<0.00181	0.0356	0.0389	75.4	82.4		50.0-158			98.8	200	
2-Chloronaphthalene	0.0472	<0.00143	0.0228	0.0223	48.3	47.2		60.0-120	9	<u>9</u>	222	24	
2-Chlorophenol	0.0472	<0.000820	0.0251	0.0244	53.2	51.7		23.0-134	l	31	2.22	7 6	
2-Methylphenol	0.0472	<0.000760	0.0240	0.0240	50.8	50.8	-	14.0-120			0 000	20	
2-Nitrophenol	0.0472	<0.00169	0.0259	0.0279	54.9	59.1		29.0-182			7.43	. r	

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DATE/TIME: 05/16/24 16:02

SDG: L1731230

PROJECT:

ACCOUNT: Holiday Beach WSC

QUALITY CONTROL SUMMARY 11731230-01

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 $WG2278666 \\ \text{Semi Volatile Organic Compounds (GC/MS) by Method 625.1} \\ ... \\$

L1732443-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732443-02 05/07/24 21:22 • (MS) R4067387-1 05/07/24 20:22 • (MSD) R4067387-2 05/07/24 20:52	24 21:22 · (MS)	R4067387-1 C	5/07/24 20:22	2 • (MSD) R406	7387-2 05/07	24 20:52							
	Spike Amount	Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	mg/l	mg/l	l/gm	%	%		,0 ₀ ′			%	96	
3&4-Methyl Phenol	0.0472	<0.0000767	0.0226	0.0218	47.9	46.2	-	13.0-124			3.60	26	
3,3-Dichlorobenzidine	0.0943	<0.00265	0.0402	0.0433	42.6	45.9	_	1.00-262			7.43	108	
4,6-Dinitro-2-methylphenol	0.0472	<0.00150	0.0241	0.0262	51.1	55.5	-	1.00-181			8.35	203	
4-Bromophenyl-phenylether	0.0472	<0.00104	0.0209	0.0207	44.3	43.9	-	53.0-127	76	97	0.962	43	
4-Chloro-3-methylphenol	0.0472	<0.000865	0.0298	0.0297	63.1	62.9	-	22.0-147			0.336	73	
4-Chlorophenyl-phenylether	0.0472	<0.00140	0.0187	0.0179	39.6	37.9	-	25.0-158			4.37	61	
4-Nitrophenol	0.0472	<0.00164	0.0179	0.0169	37.9	35.8	-	1.00-132			5.75	131	
Acenaphthene	0.0472	<0.00134	0.0252	0.0243	53.4	51.5	-	47.0-145			3.64	48	
Acenaphthylene	0.0472	<0.00134	0.0220	0.0221	46.6	46.8	-	33.0-145			0.454	74	
Acetophenone	0.0472	<0.000788	0.0248	0.0273	52.5	57.8	-	10.0-139			09.6	35	
Alpha-Terpineol	0.0472	<0.000696	0.0328	0.0353	69.5	74.8	<u>. </u>	30.0-120			7.34	30	
Aniline	0.0472	<0.000536	0.0152	0.0240	32.2	50.8	-	10.0-120		ल	44.9	25	
Anthracene	0.0472	<0.00111	0.0223	0.0213	47.2	45.1	-	27.0-133			4.59	99	
Atrazine	0.0472	<0.00167	0.0302	0.0316	64.0	6.99	-	39.0-130			4.53	30	
Benzidine	0.0943	<0.00311	0.00520	0.0226	5.51	24.0	-	1.00-120		ह्य	125	40	
Benzo(a)anthracene	0.0472	<0.000933	0.0249	0.0258	52.8	54.7	-	33.0-143			3.55	53	
Benzo(a)pyrene	0.0472	<0.000941	0.0315	0.0318	2.99	67.4	-	17.0-163			0.948	72	
Benzo(b)fluoranthene	0.0472	<0.00102	0.0265	0.0269	56.1	57.0	-	24.0-159			1.50	71	
Benzo(g,h,i)perylene	0.0472	<0.00101	0.0272	0.0286	57.6	9'09	-	1.00-219			5.02	26	
Benzo(k)fluoranthene	0.0472	<0.000934	0.0324	0.0339	68.6	71.8	_	11.0-162			4.52	63	
Benzoic acid	0.0943	2.25	2.14	2.28	0.000	31.8	-	10.0-120) 	ml	6.33	40	
Benzylbutyl phthalate	0.0472	<0.00143	0.0259	0.0268	54.9	56.8	-	1.00-152			3.42	09	
Bis(2-chlorethoxy)methane	0.0472	<0.000991	0.0287	0.0321	8.09	0.89	-	33.0-184			11.2	54	
Bis(2-chloroethyl)ether	0.0472	<0.00101	0.0255	0.0298	54.0	63.1	-	12.0-158			15.6	108	
Bis(2-chloroisopropyl)ether	0.0472	<0.00116	0.0258	0.0280	54.7	59.3	_	36.0-166			8.18	92	
Bis(2-Ethylhexyl)phthalate	0.0472	<0.00318	0.0306	0.0314	64.8	66.5	-	8:00-158			2.58	82	
Carbazole	0.0472	<0.00106	0.0344	0.0376	72.9	7.67	-	23.0-158			8.89	26	
Chrysene	0.0472	<0.00102	0.0256	0.0250	54.2	53.0	_	17.0-168			2.37	87	
Di-n-butyl phthalate	0.0472	<0.00120	0.0239	0.0234	50.6	49.6	-	1.00-120			2.11	47	
Di-n-octyl phthalate	0.0472	<0.00174	90:0306	0.0313	64.8	66.3		4.00-146			2.26	69	
Dibenz(a,h)anthracene	0.0472	<0.00110	0.0341	0.0349	72.2	73.9	-	1.00-227			2.32	126	
Dibenzofuran	0.0472	<0.00120	0.0207	0.0205	43.9	43.4	_	17.0-150			0.971	27	
Diethyl phthalate	0.0472	<0.000915	0.0319	0.0327	9.79	69.3	-	1.00-120			2.48	100	
Dimethyl phthalate	0.0472	<0.000878	0.0331	0.0346	70.1	73.3	-	1.00-120			4.43	183	
Fluoranthene	0.0472	<0.00114	0.0224	0.0221	47.5	46.8	-	26.0-137			1.35	99	
Fluorene	0.0472	<0.00131	0.0201	0.0194	42.6	41.1	-	59.0-121	76	97	3.54	38	
Hexachloro-1,3-butadiene	0.0472	<0.00176	0.0188	0.0175	39.8	37.1	-	24.0-120			7.16	62	
Hexachlorobenzene	0.0472	<0.000972	0.0235	0.0232	49.8	49.2	-	1.00-152			1.28	55	
Hexachlorocyclopentadiene	0.0472	<0.00117	0.0166	0.0134	35.2	28.4	-	10.0-146			21.3	34	
Hexachloroethane	0.0472	<0.00188	0.0182	0.0177	38.6	37.5	-	40.0-120	97	97	2.79	52	

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05/16/24 16:02 DATE/TIME:

SDG: L1731230

PROJECT:

ACCOUNT: Holiday Beach WSC

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Semi Volatile Organic Compounds (GC/MS) by Method 625.1

L1732443-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

RPD Limits 40 30 0.913 0.791 8.23 8.05 5.84 2.46 9.52 6.39 6.45 5.11 3.61 4.08 96.6 MSD Qualifier Z 9 9 3 MS Qualifier Z 9 9 9 9 91 Rec. Limits 0.09-0.01 60.0-140 .00-230 60.0-140 35.0-180 60.0-140 54.0-120 5.00-120 52.0-120 29.0-132 26.0-102 15.0-106 10.0-120 21.0-196 10.0-120 16.0-160 17.0-126 21.0-133 37.0-142 10.0-120 18.0-156 10.0-127 14.0-176 10.0-118 1.00-171 Dilution MSD Rec. (OS) L1732443-02 05/07/24 21:22 • (MS) R4067387-1 05/07/24 20:22 • (MSD) R4067387-2 05/07/24 20:52 29.9 59.5 58.9 23.3 68.4 53.8 52.3 47.5 9.79 45.8 26.5 9.99 48.6 29.6 64.4 71.6 41.7 21.2 50.7 46.1 61.8 MS Rec. 52.8 64.6 62.5 5.38 48.5 28.2 44.5 61.4 63.1 MSD Result 0.0304 0.0247 0.0224 0.0319 0.0338 0.0278 0.0458 0.0209 0.0257 0.0253 0.0323 0.0254 0.0141 0.0197 0.0216 0.0125 0.0267 0.0100 0.0110 0.0281 Original Result MS Result 0.00254 0.0249 0.0295 0.0229 0.0326 0.0210 0.0305 0.0225 0.0233 0.0298 0.0210 0.0267 0.0290 0.0130 0.0274 0.0109 0.0252 0.0133 0.0241 <0.000925 <0.000829 <0.000984 <0.000735 <0.000651 <0.00124 <0.00158 <0.00128 <0.00200 <0.00124 <0.00286 <0.00210 <0.000967 <0.00153 <0.00107 <0.00134 <0.00113 <0.00183 <0.00115 <0.00117 Spike Amount 0.0943 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 0.0472 (S) 2,4,6-Tribromophenol n-Nitrosodi-n-propylamine n-Nitrosodi-n-butylamine n-Nitrosodimethylamine n-Nitrosodiphenylamine Indeno(1,2,3-cd)pyrene n-Nitrosodiethylamine (S) 2-Fluorobiphenyl (S) Nitrobenzene-d5 (S) p-Terphenyl-d14 1,2-Diphenylhydrazine (S) 2-Fluorophenol Pentachlorobenzene Pentachlorophenol n-Octadecane Phenanthrene Nitrobenzene Naphthalene Total Cresols Nonylphenol Isophorone Pyridine Analyte Pyrene Phenol

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PROJECT:

DATE/TIME:

PAGE:

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Holiday Beach WSC

ACCOUNT:

L1731230

10.0-54.0

(S) Phenol-d6

05/16/24 16:02

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.



Ss

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Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.



GI

Qualifier

This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.

The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect

Result

or report for this analyte. Confidence level of 2 sigma.

Uncertainty (Radiochemistry)

Case Narrative (Cn)

A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.

Quality Control Summary (Qc)

This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.

Sample Chain of Custody (Sc)

This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.

Sample Results (Sr)

This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.

Sample Summary (Ss)

This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
K9	Test replicates show more than 30% difference between high and low values.
N2	Analyte reported using a calibration and validation based on Azobenzene (CAS 103-33-3). 1,2-Diphenylhydrazine decomposes into Azobenzene during the analysis.
T8	Sample(s) received past/too close to holding time expiration.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico 1	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina 1	DW21704
Georgia	NELAP	North Carolina 3	41
Georgia ¹	923	North Dakota	R-140
ldaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
owa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	Al30792	Tennessee 1 4	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA - ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA - ISO 17025 5	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
PA-Crypto	TN00003		

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

Arkansas	88-0647	Kansas	E10388
Florida	E871118	Texas	T104704232-23-39
lowa	408	Oklahoma	8727
Louisiana	30686		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable



















^{*} Not all certifications held by the laboratory are applicable to the results reported in the attached report.

^{*} Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

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noliday beach was			Vernon Hale 2611 Highwa	Vernon Hale 2611 Highway 35 North	***************************************	SE SE								1	0
			Rockport	Rockport, TX 78382											Face.
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PO Box 807 Fulton, TX 78358		Z611 Hig Rockport	2611 Highway 35 North Rockport, TX 78382		ž					Расе:	ON SCIENCE
Report to: Vernon Hale		Email To: w	Email To: water@hbwsc.com		Τ					ALLEN, TX	TX Allen TX 7503
Project Description:	City/State Collected:	te d:		Please Circle:	- jej - Li					Submitting a sample via this chain of custody constitution acknowledgment and acceptance of the Pace Terms and Conditions found at: https://mio.acceldsc.com/midribas-standard-	in of custody d acceptance of the sdate u/bes-standard-
Phone: 361-205-3184	Client Project #		Lab Project #			\$0S0	Seres			SDG#/178/	1720
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75013 DFW WED - 01 MAY AA THOINRAY OVERNIGHT

□ AN \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Sample pH Acceptable pH Strips: (200007) Residual Chlorine Present
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□ oN ☐ səλ	Correct Container used
□ oN ⊃ səλ	Sufficient Volume received
	Login Person: Date: 4
□ ON 万 SƏA	Short HT analyses (<72 hrs)
∏ on ⊅ sə⋏	Sampler name & signature on COC
Ves ⊈ No □	Chain of Custody relinquished
	Custody Seal on Cooler/Box: Yes of No
	Courier: FedEX D USPS Client USO PACE Other: Tracking #:
Mork order (place label):	Client Name: Mildan Black WSC Project
□Corpus Christi □Austin	Dallas □Ft Worth
ion Upon Receipt	fibrio Sample Condit
The second secon	F-DAL-C-001
Upon Receipt Page 1 of 1	Document Sample Condition
Иате: Document Revised: 7/27/20	Document

Date:

▼AN □ ON □ 29Y

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□ AN ♠ ON □ SƏY

Yes | No &

□ ON □ SƏY

Labeling Person (if different than log-in):

State Sampled:

(mma<) AOV ni əɔsqəbsəH

CI Strips:_

Project sampled in USDA Regulated Area outside of

Unpreserved 5035A soil frozen within 48 hrs

Lead Acetate Strips:_

(not applicable to TCLP VOA or PST Program TPH)

Are soil samples (volatiles, TPH) received in 5035A Kits

mario

Non-Conformance(s):

Sulfide Present

Texas

Comments

Date/Time:	
Contacted per:	
estainin Mq	
Client:	
5. Client contact: If Client is Contacted for any issue listed above, fill in details below:	
Lot # of Pres added: 23L29472	^
Amount/type pres added:_2:5ML HNO3	
o/8:Hq lani4 bas latin1	
Date/Time: 05/01/24 1258	
Preserved by: AG	
Sample ID: RO DISCHARGE	
4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:	
*Other:	
*Vials received with improper headspace	
*Temperature: Samples arrived frozen	
*Temperature:not witin acceptance criteria (typically 0-6C)	
*Preservation: improper	^
*Packing Material: Insufficient/Improper	
*Custody Seals: missing or compromised on samples, trip blanks or coolers	
*Containers: Incorrect	
*Containers: Broken or compromised	
*Samples: condition needs to be brought to lab personnel's attention (details below)	
*Samples: contain Chlorine or Sulfide	
*Samples: Cooler damaged or compromised	
*samples: Insufficent volume received	
*Samples: Not Field Filtered	
*Samples: Past holding time	
3. Sample integrity issues: check applicable issues below and add details where appropriate:	
*Required signatures are missing	
*Required trip blanks were not received	
*Sample IDs on COC do not match sample Labels	
*Samples listed on COC do not match samples recieved (missing, additional, etc.)	
*Analyses or analytes: missing or Clarification needed	
*Collection date/time missing or incorrect	
2. If COC is incomplete, check applicable issues below and add details where appropiate:	
t it was filled out by lab personnel. Note issues on this MCF.	tha
1. If Chain-of-custody (COC) is not received: contact client and if necessary, fill out a COC and indicate	
Olivia Currie (responsible)	00
upeta	9M
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ne estimate: oh Time spent: oh	*\L

MA 12:01 4202 ydM S

Olivia Currie

metals pH improper; see preservation details above sulfide pH of 10 $\,$

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	Kits Yes No ON S
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Correct Container used	ON SA
Sufficient Volume received	Les d No D
Login Person: Bate	
* (<72 hrs) * Short HT analyses (<72 hrs)	No N Z SAY
Sampler name & signature on COC	□ oN / səλ
Chain of Custody relinquished	N Sey
190	***************************************
	cted same day as receipt in which evidence of cooling is acceptable
Tracking #: 72-00 19 10 10 10 10 10 10	Temp °C: 0.9 (Recorded) +0.2 (Correction Factor) 1.1 (Act
Custody Seal on Coolet/Box: Yes No ice Received on ice: Wet Blue I No ice Receiving Lab 2 Thermometer Used: Temperature should be above freezing to 6°	Temp °C: 0.9 (Recorded) +0.2 (Correction Factor) 1.1 (Act
Courier: FedEX DPS Client LS Courier: FedEX DPS Client LS Client LS Custody Seal on Cooler/Box: Yes No ice Receiving Lab 1 Thermometer Used: Receiving Lab 2 Thermometer Used: Receiving Lab 2 Thermometer Used: LS Cimperature should be above freezing to 6	Temp °C: 0.9 (Recorded) +0.2 (Correction Factor) 1.1 (Act Temp °C: (Recorded) (Correction Factor) (Act Temp °C: (Recorded) (Correction Factor)
Client Name: Client Dame: Client Dame: Tracking #: Tracking #: Tracking #: Tracking #: Thermometer Used: No ice Receiving Lab 2 Thermometer Used: Receiving Lab 2 Thermometer Used: Lab 3 Thermometer Used: Lab 3 Thermometer Used: Lab 4 Thermometer Used: Lab 4 Thermometer Used: Lab 5 Thermometer Used: Lab 6 Thermometer	Morth Corpus Christi DAustin Project Work order (place label): Temp °C: 0.9 (Recorded) +0.2 (Correction Factor) 1.1 (Act

□ AN A ON □ 29Y

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AN DON DESY

Labeling Person (if different than log-in):

State Sampled:

Headspace in VOA (>6mm)

Project sampled in USDA Regulated Area outside of Texas

Unpreserved 5035A soil frozen within 48 hrs

(not applicable to TCLP VOA or PST Program TPH)

Non-Conformance(s):





May 15, 2024

Jeremy Watkins Pace Analytical Dallas 400 West Bethany Drive Suite 190 Allen, TX 75013

RE:

Project: L1731230

Pace Project No.: 40277693

Dear Jeremy Watkins:

Enclosed are the analytical results for sample(s) received by the laboratory on May 02, 2024. 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 Analytical Services - Green Bay

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

Sincerely,

Angela Lane angela.lane@pacelabs.com

(920)469-2436 Project Manager

Enclosures

cc: Client Services, Pace Analytical Allen







CERTIFICATIONS

Project:

L1731230

Pace Project No.:

40277693

Pace Analytical Services Green Bay

North Dakota Certification #: R-150

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064

South Carolina Certification #: 83006001 Texas Certification #: T104704529-21-8 Virginia VELAP Certification ID: 11873 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-21-00008 Federal Fish & Wildlife Permit #: 51774A





SAMPLE SUMMARY

Project:

L1731230

Pace Project No.:

40277693

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40277693001	RO DISCHARGE	Water	04/30/24 08:15	05/02/24 09:20





SAMPLE ANALYTE COUNT

Project:

L1731230

Pace Project No.:

40277693

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40277693001	RO DISCHARGE	EPA 1631E	AJT	1

PASI-G = Pace Analytical Services - Green Bay





ANALYTICAL RESULTS

Project:

L1731230

Pace Project No.:

40277693

Sample: RO DISCHARGE

Lab ID: 40277693001

Results

Report Limit

Collected: 04/30/24 08:15 Received: 05/02/24 09:20

Prepared

CAS No. Qual

1631E Mercury, Low Level

Date: 05/15/2024 03:53 PM

Parameters

Analytical Method: EPA 1631E Preparation Method: EPA 1631E

Pace Analytical Services - Green Bay

Mercury

ND

ng/L

Units

0.50

DF

05/07/24 12:00 05/15/24 08:13 7439-97-6

Analyzed



QUALITY CONTROL DATA

Project:

L1731230

Pace Project No.:

40277693

QC Batch:

473628

Analysis Method:

EPA 1631E

QC Batch Method: **EPA 1631E**

Analysis Description:

1631E Mercury

Laboratory:

Pace Analytical Services - Green Bay

Associated Lab Samples:

40277693001

METHOD BLANK: 2712714

Matrix: Water

Associated Lab Samples:

40277693001

Parameter

Blank Result Reporting Limit

Analyzed

Qualifiers

Mercury

Units ng/L

ND

05/15/24 07:03

METHOD BLANK: 2712715 Associated Lab Samples:

Matrix: Water

Parameter

Parameter

LABORATORY CONTROL SAMPLE:

40277693001

Blank Result Reporting

Limit

Analyzed

Qualifiers

Mercury

Units ng/L

ND

ND

Matrix: Water

0.50 05/15/24 08:08

METHOD BLANK: 2712716 Associated Lab Samples:

40277693001

Blank

Reporting

Mercury

Units

Result

Limit

Analyzed 05/15/24 09:22 Qualifiers

2712718

0.50

Parameter

Units

Spike Conc.

LCS Result

LCS % Rec % Rec Limits

Qualifiers

Mercury

ng/L

ng/L

5

4.43

89

79-121

LABORATORY CONTROL SAMPLE:

Spike

LCS

Mercury

Parameter

Units ng/L

Result

1.31

Conc. 5

2.02

Result

LCS % Rec % Rec Limits

79-121

Qualifiers

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

Parameter

2716951

2716952

4.33

87

% Rec

Max

Mercury

Units ng/L

MS Spike 40277691001

MSD Spike Conc. Conc.

MS MSD Result Result

3.58

MS % Rec 3.03 112

MSD % Rec Limits 75-125 85

RPD 17

RPD Qual 24

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.

2.02

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.





QUALIFIERS

Project:

L1731230

Pace Project No.:

40277693

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

Date: 05/15/2024 03:53 PM





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:

L1731230

Pace Project No.: 40277693

Date: 05/15/2024 03:53 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40277693001	RO DISCHARGE	EPA 1631E	473628	EPA 1631E	474477

40277693

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

unhau	Required Client Information:	Required Project Information:	Informatio	ï			Invo	co Info	Involce Information:										Page:			ŏ	•
Company	1	Report To Pac	e Analytical	Pace Analytical Subout Team			After	Attention	Vernon Hale	Hale				-				1					1
Address	400 W Bethany Drive Suite 190						8	Company Name	TT:								Т						
Allen, TX	X 75013						Address	ess									Ц		Reg	Regulatory Agency	gency		
mail	Dallas_Sub@pacelabs com	Purchase Order #	12	31230			Pac	Pace Quote					100										
Phone Requeste	Phone (972) 727-1123 Fax Requested Due Date 8-May	Project Name					Pac	Pace Project N	ig		Angela Lane	ane					Ц		13S	State / Location	ttlon		П
									ı	0/00		-		Regu	ested A	Requested Analysis Filtered (Y/N)	litered ((N)		4		l	1
		2005		700	COLLECTED		N		Pres	Preservatives	8	N/A							<u> </u>			* 5	
		Drokong Wazeer DW Wazes WT Wazes WT Soldso Product P P Soldsold St. Ou Old	=3 8ARĐ=Đ)	START	Ш	END O						ţsə <u>T</u>								(N/Y) er			
# M3TI	One Character per box. (A-Z, 0-0, 1, -) Sample Ids must be unique	Mar WP Ar AR Dhef OT TS TOODE	34YT 3J9MA8	DATE TIME	DATE	TIME	# OF CONTAINER	H52O4 Nubreserved	нсі ниоз	HOBN	Methanol Methanol	Other	Low Level Hg							Residual Chloni			
-	RO DISCHARGE	WT			30-Apr	8 15	_=	-				-	×							Ļ	1	2	/
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	ADDITIONAL COMMENTS	RELI	RELINQUISHED B	BY / AFFILIATION	,	DATE	_	TWE		¥	ACCEPTED BY / AFFILIATION	BYIA	FLATIO	_ ₹		DATE	1	TAME	_	SAMP	SAMPLE CONDITIONS	SNOT	1
		who	1145	an James	SIM	E 5/1	DI TO	1700		1	edesc	2				11/5	1124	OREI			-	H	
ace An	Pace Analytical Batch WG2278328	\	,,	SELVEY.	-	. 7	-	300	9]	1								_		
ace An	Pace Analytical SDGs: L1731230	3	Z	X	0	desh	NA NA	\$	N	12	3	7	7	17	an	8/02	Tref	0920	P/MG	≯ <			>
ocation	Location: Green Bay, WI 54302						8	4054	12/2	Sie !			5						_		_		
				SAMPLE	R NAME A	SAMPLER NAME AND SIGNATURE	URE												-	uc			
				&	NT Name	PRINT Name of SAMPLER:	2.1												o ui ç	pev	Κp	sə; i dp	1

Page 1 of

Effective Date: 8/16/2022 DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form BG3U AG4S BG1U 1 liter clear glass .018 017 Pace Lab# AG5U AG1U 1 liter amber glass 019 016 015 013 012 911 010 008 006 005 004 003 002 Exceptions to preservation check 001 All containers needing preservation have Client Name: 1 liter amber glass HCL 125 mL amber glass H2SO4 250 mL clear glass unpres 100 mL amber glass unpres 500 mL amber glass H2SO4 AG1U BG1U AG1H Glass AG4S VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other AG5U AG2S BG3U BP3U BP1U 250 mL plastic unpres 250 mL plastic NaOH 250 mL plastic HNO3 250 mL plastic H2SO4 500 mL plastic NaOH + Zn 1 liter plastic unpres BP3U ked and noted below: ab Lot# of pH paper: **Plastic** BP3B BP3N BP3S BP2Z Sample Preservation Receipt Form
Project # 40277693 VG9C DG9T VG9U Vials VG9H Negu DG9T VG9D VG9C VG9H Lab Std #ID of preservation (if pH adjusted). 40 mL clear vial HCL 40 mL clear vial unpres 40 mL clear vial DI 40 mL amber Na Thio 40 mL clear vial MeOH 40 mL clear ascorbic w/ HCI VG9M VG9D **JGFU** JG9U Headspace in VOA Vials (>6mm): ☐Yes ☐No Jars WGFU WPFU SP5T WGFU WPFU SP5T ZPLC GN 1 GN 2 JGFU General **ZPLC** : ... 4 oz plastic jar unpres 9 oz amber jar unpres 4 oz amber jar unpres 4 oz clear jar unpres 120 mL plastic Na Thiosulfate GN 1 GN₂ VOA Vials (>6mm) * MA 12SO4 pH ≤2 Initial when NaOH+Zn Act pH ≥9 *If yes look in headspace column NaOH pH ≥12 HNO3 pH ≤2 Date/ Time. pH after adjusted 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 Volume (mL) 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 25/5 2.5/5 2.5/5 25/5 2.5/5 2.5/5 25/5 2.5/5

DC#_Title: ENV-FRM-GBAY-0014 v03_SCUR Effective Date: 8/17/2022

Sample Condition Upon Receipt Form (SCUR)
Client Name: Project #:
Courier: CS Logistics MA
Client Pace Other: UPS Waltco
Tracking #: 74/144529/40
ouslody Seal on Cooler/Roy Process 1
Joseph Procests
Packing Material: Seals intact: yes no
Thermometer Used SR - Type of Ice West St.
Cooler Temperature Uncorr: VA /Corr: Type of Ice: Wet Blue Dry None Meltwater Only
Temp Blank Present: yes no Biological Tissue is Frozen:
Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C if shipped on Dry Ice. Chair of C.
Chain of Custody Property
Chain of Custody Filled Out:
Chain of Custody Relinquished: 2.
Sampler Name & Signature S
Samples Arrived within 11.1.
- DI VOA Samples from 5.
Short Hold Time Analysis (470km)
Rush Turn Around Time Requested. 6.
Sufficient Volume:
For Applying 15/
Correct Containers Used:
Correct Type: Pace Green Bay: Pace IR, Non-Pace 9.
Containers Intact:
Filtered volume received for Dissolved tests
Sample Labels match COC:
-Includes date the up to the last the l
-Includes date/time/ID/Analysis Matrix: 12. Fabel on Sutside of Dubble Trip Blank Present:
Trip Blank Custody Seals Present
Pace Trip Blank Lot # (if purphased)
official Notification/ Resolution:
Person Contacted: Comments/ Resolution: Date/Time: If checked, see attached form for additional comments
and confinents [
DM D
PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir
and project, the PM acknowledges they have reviewed the sample logic
Page 2 of 3



Pace Analytical® ANALYTICAL REPORT

June 06, 2024



















Holiday Beach WSC

Sample Delivery Group:

L1733793

Samples Received:

05/08/2024

Project Number:

Description:

Permit Renewal WK4 of 4

Site:

TX0040015

Report To:

Vernon Hale

PO Box 807

Fulton, TX 78358

Entire Report Reviewed By:

Lori A Vahrenkamp Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

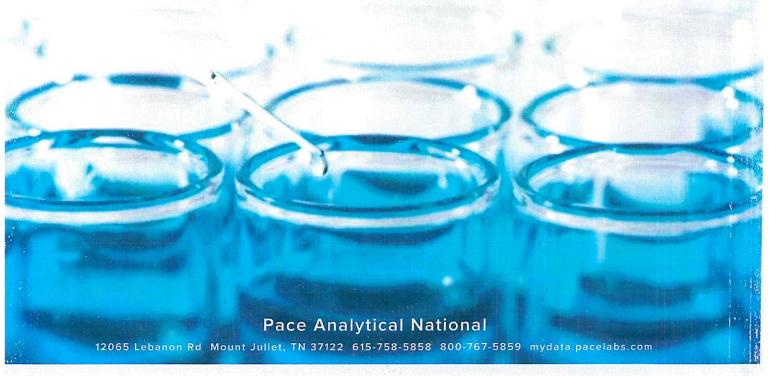


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Sc: Sample Chain of Custody

49

SAMPLE SUMMARY

R.O. DISCHARGE L1733793-01 WW

Collected by Vernon Hale Collected date/time Received date/time

05/07/24 08:15

05/08/24 09:30



















R.O. DISCHARGE LI733/93-01 WW				00/0//2/00/10	ODI OOI E TO	0.00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2284218	1	05/11/24 10:03	05/11/24 10:03	EJS	Allen, TX
Gravimetric Analysis by Method 2540C	WG2284020	1	05/10/24 11:23	05/10/24 13:44	QQT	Allen, TX
Gravimetric Analysis by Method 2540D	WG2284433	1	05/11/24 04:26	05/11/24 05:48	TJG	Allen, TX
Wet Chemistry by Method 1664A	WG2284081	1	05/10/24 15:09	05/14/24 08:10	TM	Allen, TX
Wet Chemistry by Method 21208	WG2282775	1	05/08/24 16:19	05/08/24 16:19	SMC	Allen, TX
Wet Chemistry by Method 2320B	WG2285291	1	05/13/24 09:19	05/13/24 09:19	JBS	Allen, TX
Wet Chemistry by Method 300.0	WG2284769	10	05/14/24 23:53	05/14/24 23:53	ERP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2284769	100	05/15/24 00:09	05/15/24 00:09	ERP	Mt. Juliet, TN
Wet Chemistry by Method 3500Cr-B	WG2283915	1	05/10/24 15:39	05/10/24 15:39	KCM	Allen, TX
Wet Chemistry by Method 351.2	WG2285928	1	05/14/24 10:22	05/14/24 20:04	EIG	Allen, TX
Wet Chemistry by Method 353.2	WG2282756	1	05/08/24 21:09	05/08/24 21:09	EIG	Allen, TX
Wet Chemistry by Method 353.2	WG2284087	1	05/10/24 15:52	05/10/24 15:52	EIG	Allen, TX
Wet Chemistry by Method 4500CN-E	WG2282407	1	05/09/24 09:30	05/09/24 17:33	KCM	Allen, TX
Wet Chemistry by Method 4500P-E	WG2285268	10	05/13/24 18:53	05/13/24 18:53	SMC	Allen, TX
Wet Chemistry by Method 4500-S2 D	WG2282700	1	05/08/24 18:37	05/08/24 18:37	EIG	Allen, TX
Wet Chemistry by Method 5210 B-2016	WG2282373	1	05/08/24 14:06	05/13/24 10:01	JBS	Allen, TX
Wet Chemistry by Method 5210 B-2016	WG2282376	1	05/08/24 15:21	05/13/24 11:07	JBS	Allen, TX
Wet Chemistry by Method 5220D	WG2283174	1	05/09/24 10:20	05/09/24 18:13	JBS	Allen, TX
Wet Chemistry by Method 5310C	WG2284147	1	05/10/24 22:10	05/10/24 22:10	EIG	Allen, TX
Wet Chemistry by Method 5540C	WG2282754	1	05/08/24 20:15	05/08/24 20:28	EIG	Allen, TX
Wet Chemistry by Method SM 4500-H+B	WG2285806	1	05/14/24 08:26	05/14/24 08:26	JBS	Allen, TX
Wet Chemistry by Method SM4500NH3H	WG2285448	1	05/13/24 17:35	05/13/24 17:35	EIG	Allen, TX
Metals (ICP) by Method 200.7	WG2284218	1	05/10/24 17:00	05/11/24 10:03	EJS	Allen, TX
Volatile Organic Compounds (GC/MS) by Method 624.1	WG2284163	1	05/10/24 23:58	05/10/24 23:58	ZST	Allen, TX
Pesticides (GC) by Method EPA 608.3	WG2284804	1	05/12/24 02:26	05/12/24 17:18	RDH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method EPA-608.3	WG2284804	1	05/12/24 02:26	05/12/24 17:18	RDH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 625.1	WG2283837	1	05/10/24 09:06	05/10/24 19:19	XLY	Allen, TX
Subcontracted Analyses	WG2283542	1	05/28/24 00:00	05/28/24 00:00	JWW	Green Bay, WI 54302

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.





















Lori A Vahrenkamp Project Manager

Project Narrative

L1733793 -01 contains subout data that is included after the chain of custody.

Sample Delivery Group (SDG) Narrative

The following analysis were performed from an unpreserved, insufficiently or inadequately preserved sample.

Lab Sample ID

Project Sample ID

Method

L1733793-01

R.O. DISCHARGE

3500Cr-B

No extra volume received to perform Matrix Spike samples.

Lab Sample ID

Project Sample ID

Method

L1733793-01

R.O. DISCHARGE

625.1

An aliquot for analysis was taken from the original container received due to volume requirements of the laboratory's procedure. Rinsing of the original sample container for inclusion in the sample extraction was not performed.

Lab Sample ID

Project Sample ID

Method

L1733793-01

R.O. DISCHARGE

EPA 608.3, EPA-608.3

The Laboratory is not accredited for specific analytes on the associated Sample/Method. These analytes are flagged in the Sample Results section of the report with an asterisk (*).

Lab Sample ID

Project Sample ID

Method

L1733793-01

R.O. DISCHARGE

300.0

R.O. DISCHARGE

Collected date/time: 05/07/24 08:15

SAMPLE RESULTS - 01

L1733793

Calculated Results

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I	mg/I		date / time	
Chromium, Trivalent	0.000868	Ī	0.000710	0.00300	1	05/11/2024 10:03	WG2284218





Gravimetric Analysis by Method 2540C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		
Total Dissolved Solids	11700		25.0	1	05/10/2024 13:44	WG2284020	



Gravimetric Analysis by Method 2540D

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		
Suspended Solids	8.63		3.13	1	05/11/2024 05:48	WG2284433	





Wet Chemistry by Method 1664A

Carrier v	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Oil & Grease (Hexane Extr)	<0.407		0.407	5.81	1	05/14/2024 08:10	WG2284081



GI



Wet Chemistry by Method 2120B

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	units		units		date / time	
Color	5.00		5.00	1	05/08/2024 16:19	WG2282775

Sample Narrative:

L1733793-01 WG2282775: 8.00

Wet Chemistry by Method 2320B

NA							
4	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/I		date / time	
Alkalinity	2100		20.0	20.0	1	05/13/2024 09:19	WG2285291
Alkalinity,Bicarbonate	2100		20.0	20.0	1	05/13/2024 09:19	WG2285291
Alkalinity,Carbonate	<20.0		20.0	20.0	1	05/13/2024 09:19	WG2285291
Alkalinity,Hydroxide	<20.0		20.0	20.0	1	05/13/2024 09:19	WG2285291
Phenolphthalein Alkalinity	<20.0		20.0	20.0	1	05/13/2024 09:19	WG2285291

Wet Chemistry by Method 300.0

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
*Bromide	15.8		3.53	10.0	10	05/14/2024 23:53	WG2284769
Chloride	4850		37.9	100	100	05/15/2024 00:09	WG2284769
Fluoride	4.35		0.640	1.50	10	05/14/2024 23:53	WG2284769
Sulfate	854		59.4	500	100	05/15/2024 00:09	WG2284769

Wet Chemistry by Method 3500Cr-B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Chromium, Hexavalent	< 0.00200		0.00200	0.00300	1	05/10/2024 15:39	WG2283915

Wet Chemistry by Method 351.2

for all got	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/l		mg/l	mg/l		date / time	
Kjeldahl Nitrogen, TKN	0.852		0.140	0.250	1	05/14/2024 20:04	WG2285928

R.O. DISCHARGE

SAMPLE RESULTS - 01

Collected date/time: 05/07/24 08:15

Wet Chemistry by Method 353.2

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	w.
Nitrate-Nitrite	< 0.0300		0.0300	0.0500	1	05/08/2024 21:09	WG2282756
Nitrate-Nitrite	< 0.0300		0.0300	0.0500	1	05/10/2024 15:52	WG2284087
Nitrate	< 0.0300		0.0300	0.0500	1	05/08/2024 21:09	WG2282756
Nitrite	< 0.0300		0.0300	0.0500	1	05/08/2024 21:09	WG2282756







Wet Chemistry by Method 4500CN-E

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Cyanide	< 0.00430		0.00430	0.0100	1	05/09/2024 17:33	WG2282407







Wet Chemistry by Method 4500P-E

	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/l		mg/l	mg/l		date / time	
Phosphorus, Total	2.60		0.152	0.500	10	05/13/2024 18:53	WG2285268





	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l		date / time		
Sulfide	< 0.0230	J6	0.0230	0.100	1	05/08/2024 18:37	WG2282700	



Wet Chemistry by Method 5210 B-2016

	-	0 110	201	50.0		
	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/I		mg/I		date / time	
30D	<1.00		1.00	1	05/13/2024 10:01	WG2282373
CBOD	<1.00		1.00	1	05/13/2024 11:07	WG2282376



Wet Chemistry by Method 5220D

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I	mg/l		date / time	
COD	271		16.1	35.0	1	05/09/2024 18:13	WG2283174

Wet Chemistry by Method 5310C

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
TOC (Total Organic Carbon)	4.74		0.270	0.700	1	05/10/2024 22:10	WG2284147

Wet Chemistry by Method 5540C

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I	mg/l		date / time	
MBAS	< 0.360	<u>J5</u>	0.360	0.500	1	05/08/2024 20:28	WG2282754

Wet Chemistry by Method SM 4500-H+B

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	su			date / time	
РН	8.28	T8	1	05/14/2024 08:26	WG2285806

рН	8.28	<u>T8</u>	1	05/14/2024 08:26	WG2285806
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Sample Narrative:

L1733793-01 WG2285806: 8.28 at 20.9C

Wet Chemistry by Method SM4500NH3H

Result Qualifier MDL RDL Dilution Analysis Batch Analyte mg/l mg/l date / time							
		Result	MDL	RDL	Dilution	Analysis	Printer Committee
	Analyte	mg/l	mg/l	mg/l		date / time	

R.O. DISCHARGE

SAMPLE RESULTS - 01

Collected date/time: 05/07/24 08:15

Wet Chemistry by Method SM4500NH3H

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Ammonia Nitrogen	0.922		0.0280	0.100	1	05/13/2024 17:35	WG2285448



















Metals (ICP) by Method 200.7

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/I		date / time	
Aluminum	<0.0353		0.0353	0.500	1	05/11/2024 10:03	WG2284218
Antimony	< 0.00242		0.00242	0.0250	1	05/11/2024 10:03	WG2284218
Arsenic	0.00848	ī	0.00418	0.0200	1	05/11/2024 10:03	WG2284218
Barium	0.295		0.000490	0.0100	1	05/11/2024 10:03	WG2284218
Beryllium	<0.000180		0.000180	0.00100	1	05/11/2024 10:03	WG2284218
Boron	2.50		0.0186	0.100	1	05/11/2024 10:03	WG2284218
Cadmium	0.000439	7	0.000350	0.00500	1	05/11/2024 10:03	WG2284218
Chromium	0.000868	ī	0.000710	0.00700	1	05/11/2024 10:03	WG2284218
Cobalt	<0.000680		0.000680	0.00250	1	05/11/2024 10:03	WG2284218
Copper	< 0.00364		0.00364	0.0200	1	05/11/2024 10:03	WG2284218
Iron	0.507		0.0303	0.500	1	05/11/2024 10:03	WG2284218
Lead	0.00981	J	0.00312	0.0100	1	05/11/2024 10:03	WG2284218
Magnesium	181		0.0434	1.00	1	05/11/2024 10:03	WG2284218
Manganese	0.660		0.00557	0.0500	1	05/11/2024 10:03	WG2284218
Molybdenum	0.151		0.00760	0.0300	1 4	05/11/2024 10:03	WG2284218
Nickel	0.0168		0.00358	0.0100	1	05/11/2024 10:03	WG2284218
Selenium	< 0.00500		0.00500	0.0200	1	05/11/2024 10:03	WG2284218
Silver	<0.000990		0.000990	0.00500	1	05/11/2024 10:03	WG2284218
[hallium	< 0.00775		0.00775	0.0200	1	05/11/2024 10:03	WG2284218
rin -	<0.00240		0.00240	0.0250	1	05/11/2024 10:03	WG2284218
itanium	< 0.00835		0.00835	0.100	1	05/11/2024 10:03	WG2284218
Zinc	0.0377		0.0106	0.0250	1	05/11/2024 10:03	WG2284218

Volatile Organic Compounds (GC/MS) by Method 624.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/I		mg/I	mg/I		date / time	· · · · · · · · · · · · · · · · · · ·
1,1,1-Trichloroethane	< 0.00335		0.00335	0.00500	1	05/10/2024 23:58	WG2284163
1,1,2,2-Tetrachloroethane	< 0.000596		0.000596	0.00500	1	05/10/2024 23:58	WG2284163
1,1,2-Trichloroethane	< 0.00145		0.00145	0.00500	1	05/10/2024 23:58	WG2284163
1,1-Dichloroethane	<0.00292		0.00292	0.00500	1	05/10/2024 23:58	WG2284163
1,1-Dichloroethene	< 0.00367		0.00367	0.00500	1	05/10/2024 23:58	WG2284163
1,2-Dichlorobenzene	< 0.00172		0.00172	0.00200	1	05/10/2024 23:58	WG2284163
1,2-Dichloroethane	< 0.00195		0.00195	0.00500	1	05/10/2024 23:58	WG2284163
1,2-Dichloropropane	< 0.000804		0.000804	0.00200	1	05/10/2024 23:58	WG2284163
1,3-Dichlorobenzene	< 0.00419		0.00419	0.00500	1	05/10/2024 23:58	WG2284163
,4-Dichlorobenzene	< 0.00173		0.00173	0.00200	1	05/10/2024 23:58	WG2284163
2-Chloroethyl vinyl ether	< 0.00652		0.00652	0.0100	1	05/10/2024 23:58	WG2284163
Acrolein	< 0.00544		0.00544	0.0100	1	05/10/2024 23:58	WG2284163
Acrylonitrile	< 0.00709		0.00709	0.0100	1	05/10/2024 23:58	WG2284163
Benzene	< 0.00207		0.00207	0.00500	1	05/10/2024 23:58	WG2284163
Bromodichloromethane	< 0.00179		0.00179	0.00200	1	05/10/2024 23:58	WG2284163
romoform	< 0.000960		0.000960	0.0100	1	05/10/2024 23:58	WG2284163
Bromomethane	< 0.00347		0.00347	0.00500	1	05/10/2024 23:58	WG2284163
Carbon tetrachloride	< 0.00159		0.00159	0.00200	1	05/10/2024 23:58	WG2284163
Chlorobenzene	< 0.00276		0.00276	0.0100	1	05/10/2024 23:58	WG2284163
hloroethane	< 0.00296		0.00296	0.00500	1	05/10/2024 23:58	WG2284163
hloroform	< 0.00212		0.00212	0.00500	1	05/10/2024 23:58	WG2284163
hloromethane	< 0.00361		0.00361	0.00500	1	05/10/2024 23:58	WG2284163
is-1,2-Dichloroethene	< 0.00113		0.00113	0.00500	1	05/10/2024 23:58	WG2284163
is-1,3-Dichloropropene	< 0.00492		0.00492	0.0100	1	05/10/2024 23:58	WG2284163

R.O. DISCHARGE

SAMPLE RESULTS - 01

Collected date/time: 05/07/24 08:15

Volatile Organic Compounds (GC/MS) by Method 624.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Dibromochloromethane	< 0.00327		0.00327	0.00500	1	05/10/2024 23:58	WG2284163
Ethylbenzene	< 0.000401		0.000401	0.00200	1	05/10/2024 23:58	WG2284163
Methylene Chloride	< 0.0117		0.0117	0.0200	1	05/10/2024 23:58	WG2284163
Tetrachloroethene	<0.00486		0.00486	0.0100	1	05/10/2024 23:58	WG2284163
Toluene	< 0.00219		0.00219	0.00500	1	05/10/2024 23:58	WG2284163
Total 1,3-Dichloropropene	< 0.00372		0.00372	0.0100	1	05/10/2024 23:58	WG2284163
trans-1,2-Dichloroethene	< 0.00501		0.00501	0.0100	1	05/10/2024 23:58	WG2284163
trans-1,3-Dichloropropene	< 0.00460		0.00460	0.00500	1	05/10/2024 23:58	WG2284163
Trichloroethene	< 0.00262		0.00262	0.00500	1	05/10/2024 23:58	WG2284163
Vinyl chloride	< 0.00466		0.00466	0.00500	1	05/10/2024 23:58	WG2284163
(S) 1,2-Dichloroethane-d4	107			70.0-130		05/10/2024 23:58	WG2284163
(S) 4-Bromofluorobenzene	104			70.0-130		05/10/2024 23:58	WG2284163
(S) Toluene-d8	101			70.0-130		05/10/2024 23:58	WG2284163

Pesticides (GC) by Method EPA 608.3

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
Aldrin	< 0.0000198		0.0000198	0.0000500	1	05/12/2024 17:18	WG2284804
Alpha BHC	< 0.0000172		0.0000172	0.0000500	1	05/12/2024 17:18	WG2284804
Beta BHC	< 0.0000208		0.0000208	0.0000500	1	05/12/2024 17:18	WG2284804
Delta BHC	< 0.0000150		0.0000150	0.0000500	1	05/12/2024 17:18	WG2284804
Gamma BHC	< 0.0000209		0.0000209	0.0000500	1	05/12/2024 17:18	WG2284804
Chlordane	< 0.0000198		0.0000198	0.00500	1	05/12/2024 17:18	WG2284804
4,4-DDD	< 0.0000177		0.0000177	0.0000500	1	05/12/2024 17:18	WG2284804
4,4-DDE	< 0.0000154		0.0000154	0.0000500	1	05/12/2024 17:18	WG2284804
4,4-DDT	< 0.0000198		0.0000198	0.0000500	1	05/12/2024 17:18	WG2284804
Dieldrin	< 0.0000162		0.0000162	0.0000500	1	05/12/2024 17:18	WG2284804
Endosulfan I	< 0.0000160		0.0000160	0.0000500	1	05/12/2024 17:18	WG2284804
Endosulfan II	< 0.0000164		0.0000164	0.0000500	1	05/12/2024 17:18	WG2284804
Endosulfan sulfate	< 0.0000217		0.0000217	0.0000500	1	05/12/2024 17:18	WG2284804
Endrin	< 0.0000161		0.0000161	0.0000500	1	05/12/2024 17:18	WG2284804
Endrin aldehyde	< 0.0000237		0.0000237	0.0000500	1	05/12/2024 17:18	WG2284804
Endrin ketone	< 0.0000219		0.0000219	0.0000500	1	05/12/2024 17:18	WG2284804
Heptachlor	< 0.0000148		0.0000148	0.0000500	1	05/12/2024 17:18	WG2284804
Heptachlor epoxide	< 0.0000183		0.0000183	0.0000500	1	05/12/2024 17:18	WG2284804
Hexachlorobenzene	< 0.0000176		0.0000176	0.0000500	1	05/12/2024 17:18	WG2284804
Methoxychlor	< 0.0000193		0.0000193	0.0000500	1	05/12/2024 17:18	WG2284804
Toxaphene	< 0.000168		0.000168	0.000500	1	05/12/2024 17:18	WG2284804
gamma-Chlordane	< 0.0000137		0.0000137	0.0000500	1	05/12/2024 17:18	WG2284804
alpha-Chlordane	< 0.0000149		0.0000149	0.0000500	1	05/12/2024 17:18	WG2284804
(S) Decachlorobiphenyl	77.5			10.0-144		05/12/2024 17:18	WG2284804
(S) Tetrachloro-m-xylene	77.4			10.0-135		05/12/2024 17:18	WG2284804

Polychlorinated Biphenyls (GC) by Method EPA-608.3

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
inalyte	mg/l		mg/I	mg/I		date / time	
PCB 1016	< 0.000270		0.000270	0.000500	1	05/12/2024 17:18	WG2284804
PCB 1221	< 0.000270		0.000270	0.000500	1	05/12/2024 17:18	WG2284804
PCB 1232	< 0.000270		0.000270	0.000500	1	05/12/2024 17:18	WG2284804
PCB 1242	< 0.000270		0.000270	0.000500	1	05/12/2024 17:18	WG2284804
PCB 1248	< 0.000173		0.000173	0.000500	1	05/12/2024 17:18	WG2284804
PCB 1254	< 0.000173		0.000173	0.000500	1	05/12/2024 17:18	WG2284804
PCB 1260	< 0.000173		0.000173	0.000500	1	05/12/2024 17:18	WG2284804
otal PCBs	< 0.000173		0.000173	0.000500	1	05/12/2024 17:18	WG2284804
(S) Decachlorobiphenyl	84.5			10.0-144		05/12/2024 17:18	WG2284804

ACCOUNT: Holiday Beach WSC PROJECT:

SDG: L1733793

DATE/TIME: 06/06/24 14:29 PAGE: 8 of 69



















R.O. DISCHARGE

SAMPLE RESULTS - 01

Collected date/time: 05/07/24 08:15

Polychlorinated Biphenyls (GC) by Method EPA-608.3

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/I	mg/l		date / time		
(S) Tetrachloro-m-xylene	84.7			10.0-135		05/12/2024 17:18	WG2284804	



	Result	Qualifier	MDL	RDL	Dilution	CONTROL OF THE PARTY OF THE PAR	Batch
Analyte	mg/l		mg/l	mg/l		date / time	
1,2,4,5-Tetrachlorobenzene	<0.00132		0.00132	0.00250	1	05/10/2024 19:19	WG2283837
1,2,4-Trichlorobenzene	<0.00159		0.00159	0.00250	1	05/10/2024 19:19	WG2283837
1,2-Dichlorobenzene	<0.00168	•	0.00168	0.00250	1	05/10/2024 19:19	WG2283837
1,3-Dichlorobenzene	<0.00170		0.00170	0.00250	1	05/10/2024 19:19	WG2283837
1,4-Dichlorobenzene	<0.00184		0.00184	0.00250	1	05/10/2024 19:19	WG2283837
2,2-Oxybis(1-Chloropropane)	< 0.00116		0.00116	0.00250	1	05/10/2024 19:19	WG2283837
2,4,5-Trichlorophenol	<0.00193		0.00193	0.00250	1	05/10/2024 19:19	WG2283837
2,4,6-Trichlorophenol	< 0.00179		0.00179	0.00250	1	05/10/2024 19:19	WG2283837
2,4-Dichlorophenol	<0.000820		0.000820	0.00250	1	05/10/2024 19:19	WG2283837
2,4-Dimethylphenol	< 0.00142		0.00142	0.00500	1	05/10/2024 19:19	WG2283837
2,4-Dinitrophenol	< 0.00115		0.00115	0.00500	1	05/10/2024 19:19	WG2283837
2,4-Dinitrotoluene	< 0.00265		0.00265	0.00500	1	05/10/2024 19:19	WG2283837
2,6-Dichlorophenol	< 0.00107		0.00107	0.00250	1	05/10/2024 19:19	WG2283837
2,6-Dinitrotoluene	<0.00181		0.00181	0.00500	1	05/10/2024 19:19	WG2283837
2-Chloronaphthalene	< 0.00143		0.00143	0.00250	1	05/10/2024 19:19	WG2283837
2-Chlorophenol	<0.000820		0.000820	0.00250	1	05/10/2024 19:19	WG2283837
2-Methylphenol	<0.000760		0.000760	0.00500	1	05/10/2024 19:19	WG2283837
2-Nitrophenol	<0.00169		0.00169	0.00250	1	05/10/2024 19:19	WG2283837
3&4-Methyl Phenol	<0.000767		0.000767	0.00250	1	05/10/2024 19:19	WG2283837
3,3-Dichlorobenzidine	< 0.00265		0.00265	0.00500	1	05/10/2024 19:19	WG2283837
4,6-Dinitro-2-methylphenol	<0.00150		0.00150	0.00500	1	05/10/2024 19:19	WG2283837
4-Bromophenyl-phenylether	< 0.00104		0.00104	0.00250	1	05/10/2024 19:19	WG2283837
4-Chloro-3-methylphenol	<0.000865		0.000865	0.00250	1	05/10/2024 19:19	WG2283837
1-Chlorophenyl-phenylether	< 0.00140		0.00140	0.00250	1	05/10/2024 19:19	WG2283837
1-Nitrophenol	< 0.00164		0.00164	0.00500	1	05/10/2024 19:19	WG2283837
Acenaphthene	< 0.00134		0.00134	0.00250	1	05/10/2024 19:19	WG2283837
Acenaphthylene	< 0.00134		0.00134	0.00250	1	05/10/2024 19:19	WG2283837
Acetophenone	<0.000788		0.000788	0.00250	1	05/10/2024 19:19	WG2283837
Alpha-Terpineol	<0.000696		0.000696	0.00250	1	05/10/2024 19:19	WG2283837
Aniline	< 0.000536		0.000536	0.00250	1	05/10/2024 19:19	WG2283837
Inthracene	<0.00111		0.00111	0.00250	1	05/10/2024 19:19	WG2283837
Atrazine	< 0.00167		0.00167	0.00250	1	05/10/2024 19:19	WG2283837
Benzidine	< 0.00311		0.00311	0.0100	1	05/10/2024 19:19	WG2283837
lenzo(a)anthracene	< 0.000933		0.000933	0.00250	1	05/10/2024 19:19	WG2283837
lenzo(a)pyrene	< 0.000941		0.000941	0.00250	1	05/10/2024 19:19	WG2283837
enzo(b)fluoranthene	< 0.00102		0.00102	0.00250	1	05/10/2024 19:19	WG2283837
enzo(g,h,i)perylene	< 0.00101		0.00101	0.00250	1	05/10/2024 19:19	WG2283837
enzo(k)fluoranthene	< 0.000934		0.000934	0.00250	- 1	05/10/2024 19:19	WG2283837
enzoic acid	< 0.00657		0.00657	0.0100	1	05/10/2024 19:19	WG2283837
enzylbutyl phthalate	< 0.00143		0.00143	0.00250	1	05/10/2024 19:19	WG2283837
is(2-chlorethoxy)methane	< 0.000991		0.000991	0.00250	1	05/10/2024 19:19	WG2283837
is(2-chloroethyl)ether	< 0.00101		0.00101	0.00250	1	05/10/2024 19:19	WG2283837
is(2-chloroisopropyl)ether	< 0.00116		0.00116	0.00250	1	05/10/2024 19:19	WG2283837
is(2-Ethylhexyl)phthalate	< 0.00318		0.00318	0.00500	1	05/10/2024 19:19	WG2283837
arbazole	< 0.00106		0.00106	0.00250	1	05/10/2024 19:19	WG2283837
hrysene	< 0.00102		0.00102	0.00250	1	05/10/2024 19:19	WG2283837
i-n-butyl phthalate	<0.00120		0.00120	0.00250	1	05/10/2024 19:19	WG2283837
-n-octyl phthalate	< 0.00174		0.00174	0.00250	1	05/10/2024 19:19	WG2283837
The second secon	<0.00110		0.00110	0.00250	1	05/10/2024 19:19	WG2283837
Denzia,njanunacene	0100110						
benz(a,h)anthracene benzofuran	<0.00120		0.00120	0.00250	1	05/10/2024 19:19	WG2283837



















(S) Phenol-D6

SAMPLE RESULTS - 01

R.O. DISCHARGE Collected date/time: 05/07/24 08:15

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/I	mg/l		date / time	
Dimethyl phthalate	<0.000878		0.000878	0.00250	1	05/10/2024 19:19	WG2283837
Fluoranthene	< 0.00114		0.00114	0.00250	1	05/10/2024 19:19	WG2283837
Fluorene	< 0.00131		0.00131	0.00250	1	05/10/2024 19:19	WG2283837
Hexachloro-1,3-butadiene	< 0.00176		0.00176	0.00250	1	05/10/2024 19:19	WG2283837
Hexachlorobenzene	<0.000972		0.000972	0.00250	1	05/10/2024 19:19	WG2283837
Hexachlorocyclopentadiene	< 0.00117		0.00117	0.0100	1	05/10/2024 19:19	WG2283837
Hexachloroethane	<0.00188		0.00188	0.00250	1	05/10/2024 19:19	WG2283837
,2-Diphenylhydrazine	< 0.00124	N2	0.00124	0.00250	1	05/10/2024 19:19	WG2283837
ndeno(1,2,3-cd)pyrene	<0.000984		0.000984	0.00250	1	05/10/2024 19:19	WG2283837
sophorone	<0.00183		0.00183	0.00250	1	05/10/2024 19:19	WG2283837
a-Decane	<0.00158		0.00158	0.00250	1	05/10/2024 19:19	WG2283837
n-Nitrosodi-n-butylamine	< 0.000735		0.000735	0.00250	1	05/10/2024 19:19	WG2283837
n-Nitrosodi-n-propylamine	< 0.00107		0.00107	0.00250	1	05/10/2024 19:19	WG2283837
-Nitrosodiethylamine	<0.000925		0.000925	0.00250	1	05/10/2024 19:19	WG2283837
-Nitrosodimethylamine	< 0.000651		0.000651	0.00250	1	05/10/2024 19:19	WG2283837
-Nitrosodiphenylamine	< 0.000829		0.000829	0.00250	1	05/10/2024 19:19	WG2283837
n-Octadecane	<0.00128		0.00128	0.00250	1	05/10/2024 19:19	WG2283837
Vaphtha <mark>l</mark> ene	< 0.00200		0.00200	0.00250	1	05/10/2024 19:19	WG2283837
Vitrobenzene	< 0.00124		0.00124	0.00250	1	05/10/2024 19:19	WG2283837
lonylphenol	< 0.00286		0.00286	0.00500	1	05/10/2024 19:19	WG2283837
Pentachlorobenzene	< 0.00134		0.00134	0.00250	1	05/10/2024 19:19	WG2283837
entachlorophenol	< 0.00210		0.00210	0.00500	1	05/10/2024 19:19	WG2283837
Phenanthrene	< 0.00113		0.00113	0.00250	1	05/10/2024 19:19	WG2283837
'nenol	< 0.000967		0.000967	0.00250	1	05/10/2024 19:19	WG2283837
'yren e	< 0.00115		0.00115	0.00250	1	05/10/2024 19:19	WG2283837
Pyridine	< 0.00117		0.00117	0.00250	1	05/10/2024 19:19	WG2283837
otal Cresols	< 0.00153		0.00153	0.00750	1	05/10/2024 19:19	WG2283837
(S) 2,4,6-Tribromophenol	66.9			29.0-132		05/10/2024 19:19	WG2283837
(S) 2-Fluorobiphenyl	63.2			26.0-102		05/10/2024 19:19	WG2283837
(S) 2-Fluorophenol	25.0			10.0-66.0		05/10/2024 19:19	WG2283837
(S) Nitrobenzene-d5	60.7			15.0-106		05/10/2024 19:19	WG2283837
(S) p-Terphenyl-d14	73.9			10.0-120		05/10/2024 19:19	WG2283837

10.0-54.0



















17.7

05/10/2024 19:19

WG2283837

Method Blank (MB)

			5.0
	MB RDL	l/gm	25.0
	MB Qualifier MB MDL	I/bm	25.0
(MB) R4069058-1 05/10/24 13:44		l/gm	1 Solids <25.0
(MB) R4069C		Analyte	Total Dissolved Solids

						The second secon
				DUP RPD Limits	%	10
				DUP Qualifier		
l/gm	25.0	(And	3:44	DUP RPD	%	2.08
l/gm	25.0	plicate (D	3 05/10/24 1:	Dilution	an a o ₂ 1	-
		(OS) • Dul	R4069058-3	Original Result DUP Result Dilution DUP RPD	mg/l	11400
mg/l	<25.0	ginal Sample	10/24 13:44 • (DUP)	Original Result	l/gm	11700
Alidiyle	Total Dissolved Solids	L1733793-01 Original Sample (OS) • Duplicate (DUP)	(0S) L1733793-01 05/		Analyte	Total Dissolved Solids
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SS

L1733948-02 Original Sample (OS) • Duplicate (DUP)

		DUP RPD Limits	%	10
		DUP Qualifier		
	13:44	Dilution DUP RPD	%	2.85
0	05/10/24	Dilution		-
100 00000000000000000000000000000000000	R4069058-4	DUP Result	l/gm	4840
_	(OS) L1733948-02 05/10/24 13:44 • (DUP) R4069058-4 05/10/24 13:44	Original Result DUP Result	mg/l	4980
	(OS) L1733948-02		Analyte	Total Dissolved Solids
			3	

Sc

Laboratory Control Sample (LCS)

		LCS Qualifier		
		Rec. Limits	%	85.0-115
		LCS Rec.	%	104
		LCS Result	l/gm	2500
and the second of the second	5/10/24 13:44	Spike Amount LCS Result	l/gm	2410
	(LCS) R4069058-2 05/10/2413:44		Analyte	Total Dissolved Solids

PROJECT:

06/06/24 14:29 DATE/TIME:

QUALITY CONTROL SUMMARY

L1733793-01

Gravimetric Analysis by Method 2540D.

WG2284433

MB RDL

MB MDL

MB Qualifier

MB Result

(MB) R4069233-1 05/11/24 05:48

Method Blank (MB)

2.50 mg/l

2.50

<2.50

Suspended Solids

Analyte

l/gm

∥g/l

SS

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DUP RPD Limits

DUP Qualifier

Dilution DUP RPD

Original Result DUP Result

L1733477-03 Original Sample (OS) · Duplicate (DUP)

(OS) L1733477-03 05/11/24 05:48 • (DUP) R4069233-3 05/11/24 05:48

0.678

5920

5880

Suspended Solids

Analyte

l/gm

l/gm

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DUP RPD Limits

DUP Qualifier

Dilution DUP RPD

Original Result DUP Result

L1733477-04 Original Sample (OS) · Duplicate (DUP) (OS) L1733477-04 05/11/24 05.48 • (DUP) R4069233-4 05/11/24 05:48 0.722

5520

5560

Suspended Solids

Analyte

l/gm

l/gm

LCS Qualifier

Rec. Limits

LCS Rec.

Spike Amount LCS Result

Laboratory Control Sample (LCS)

(LCS) R4069233-2 05/11/24 05:48

85.0-115

92.6

mg/l 887

mg/l 928

Suspended Solids Analyte

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PAGE

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06/06/24 14:29 DATE/TIME

1733793 SDG

PROJECT:

Holiday Beach WSC

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Wet Chemistry by Method 1664A

Method Blank (MB)

INICITION DIGITIK (INID)	6											_
(MB) R4069557-1 05/14/24 08:10	24 08:10	10.000										S
Analyte	MB Result	MB Qualifier	MB MDL mq/l	MB RDL								6
Oil & Grease (Hexane Extr)	<0.350		0.350	5.00								0
Laboratory Control Sample (LCS) - Laboratory Control Control Sample (LCS)	Sample	ode 1. 127	ratory Cont	Case	<u></u>							3Ss
II CS BAOGOEGZ 2 OF MA	aldinos de	res) · Labo	atoly coll	dillo sallip	le Duplica	te (LCSD)						4
(LCS) R4089557-2 US/14/24 U8:10 • (LCSD) R4069557-3 05/14/24 08:10 Spike Amount LCS Result LCSD Result L	./24 08:10 • (L(Spike Amoun	4 08:10 • (LCSD) R4069557- Spike Amount	-3 05/14/24 08: LCSD Result	10 LCS Rec.	LCSD Rec	Rec Limits	100 Ouslifier		d			ნ
Analyte	l/gm	l/gm	l/gm	%	%			TC3D & name		RPD LIMITS		S.
Oil & Grease (Hexane Extr)	40.0	35.0	37.2	87.5	93.0	78.0-114			6.09	£ 81		
L1734561-01 Original Sample (OS) • Matrix Spike (MS)	ial Sample	(OS) • Matr	ix Snike (M	(I								, Oc.
(OS) 1734561-01 OF/14/24 OR:10 - (MS) BAGGGEET 4 OF MACA	14 OR 10 - (MS)	DANGOEET A O	EMA/24 00:10									7
	Spike Amount	t Original Result MS Result	13/14/24 U8:10	MS Rec	Dilution	Doc Limits	MC Ourliffer					<u></u>
Analyte	mg/l		mg/l	%			MS Qualifier					80
Oil & Grease (Hexane Extr)	40.0	<0.350	24.9	62.3	1 7	78.0-114	76					A
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, Holid	ACCOUNT: Holiday Beach WSC				PROJECT:		SDG: L1733793	G: 793		DATE/TIME: 06/06/24 14:29	PA(PAGE: 13 of 69

Wet Chemistry by Method 2120B WG2282775

QUALITY CONTROL SUMMARY L1733793-01

Method Blank (MB)

MB MDL 5.00 units MB Qualifier MB Result <5.00 (MB) R4067338-1 05/08/24 16:19 units Analyte Color

MB RDL units 5.00

Sample Narrative:

BLANK: 7.00

L1733793-01 Original Sample (OS) · Duplicate (DUP)

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(OS) L1733793-01 05/08/24 16:19 • (DUP) R4067338-2 05/08/24 16:19

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	units	units		%		%
Color	2.00	5.00	-	0.000		20

Sample Narrative:

OS: 8.00

DUP: 8.00

1733793 SDE

PROJECT:

Holiday Beach WSC

ACCOUNT:

06/06/24 14 29 DATE/TIME:

14 of 69 PAGE:

Method Blank (MB)

B MD		
l/gm		
0.0	20.0	
0.0	20.0	
20.0	20.0	
0.0	20.0	
0.0	20.0	

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L1734441-03 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	20
	DUP Qualifier		
09:19	Dilution DUP RPD	%	0.000
05/13/24	Dilution		-
R4068980-3	DUP Result	mg/l	178
3 05/13/24 09:19 • (DUP) R4068980-3 05/13/24 09:19	Original Result DUP Result	l/gm	178
(0S) L1734441-03 05/		Analyte	Alkalinity

L1734865-02 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	20
	DUP Qualifier		
09:19	DUP RPD	%	0.962
05/13/24	Dilution		-
R4068980-4	DUP Result	l/gm	1050
(OS) L1734865-02 05/13/24 09:19 • (DUP) R4068980-4 05/13/24 09:19	Original Result DUP Result Dilution DUP RPD	l/gm	1040
(OS) L1734865-02 (Analyte	Alkalinity

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Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	90.0-110
	LCS Rec.	%	96.8
		l/gm	242
05/13/24 09:19	Spike Amount LCS Result	l/gm	250
(LCS) R4068980-2 05/13/24 09:19		Analyte	Alkalinity

QUALITY CONTROL SUMMARY L1733793-01

Wet Chemistry by Method 300.0

WG2284769

Method Blank (MB)

	MB RDL	l/gm	1.00	1.00	0.150	5.00
		l/gm	0.353	0.379	0.0640	0.594
	MB Qualifier					
MB) R4070904-1 05/14/24 20:27	MB Result	l/gm	<0.353	<0.379	<0.0640	<0.594
(MB) R4070904-		Analyte	Bromide	Chloride	Fluoride	Sulfate

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L1733819-01 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%°	15	15	15	15
	DUP Qualifier					
00:43	Dilution DUP RPD	%	0.000	1.68	0.000	0.631
05/15/24	Dilution		-	-		~
R4070904-3	DUP Result	l/gm	<0.353	1.53	<0.0640	23.9
OS) L1733819-01 05/15/24 00:26 · (DUP) R4070904-3 05/15/24 00:43	Original Result DUP Result	l/gm	<0.353	1.50	<0.0640	23.7
(OS) L1733819-01 05		Analyte	Bromide	Chloride	Fluoride	Sulfate

L1733838-03 Original Sample (OS) • Duplicate (DUP)

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(0S) L1733838-03	OS) L1733838-03 05/15/24 04:06 · (DUP) R4070904-6 05/15/24 04:23) R4070904-6	05/15/24	04:23		
	Original Result DUP Result	DUP Result	Dilution	Dilution DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	l/gm	mg/l		96		%
Bromide	<0.353	<0.353	,-	0.000		15
Chloride	1.12	1.35	-	18.0	7	15
Fluoride	0.0917	0.0833	,	09.6	71	15
Sulfate	7.62	7.67	-	0.603		15

Laboratory Control Sample (LCS)

	s LCS Qualifier					
	Rec. Limit	%	90.0-110	90.0-110	90.0-110	90.0-110
	LCS Rec.	%	93.8	97.5	96.5	9.76
		l/gm				
2 05/14/24 20:44	Spike Amount	l/gm	40.0	40.0	8.00	40.0
(LCS) R40/0904-2 05/14/24 20:44		Analyte	Bromide	Chloride	Fluoride	Sulfate

16 of 69 PAGE: 06/06/24 14:29 DATE/TIME: 1733793 SDG: PROJECT: Holiday Beach WSC ACCOUNT:

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Wet Chemistry by Method 300.0

L1733819-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) (0S) L173381

(1-5) = 3-55-5 CS/AS/24 OC/25 - (MS) R4070904-5 OS/AS/24 OC/35 - OS/AS/AS/AS/AS/AS/AS/AS/AS/AS/AS/AS/AS/AS	Spike Amount	Carolinal Result MS Result	US/15/24 UI:UU	(MSU) R40/0 MSD Result	904-5 05/ MS Per	15/24 01:17 MSD Boo	2							3
Analyte	mg/l		l/bm	mg/l	%	, m3D Net.		Kec. LIIIIIS %	MS Qualifier	MSD Qualifier	SPD %	RPD Limits		M
Bromide	40.0	<0.353	38.2	37.5	95.4	43.7	1	001008			, F	3e f		i
Chloride	40.0	1.50	40.6	40.3	97.9	696		80.0-120			0.000	ប ក		1 [
Fluoride	8.00	<0.0640	8.43	7.66	105	95.7	-	80.0-120			9.65	ο κ		SS
Sulfate	40.0	23.7	63.8	62.3	100	96.5	-	80.0-120			2.42	5 5		4 5
L1733838-03 Original Sample (OS) • Matrix Spike (MS)	inal Sample	(OS) • Ma	trix Spike (I	VIS)										
(OS) L1733838-03 05/15/24 04:06 • (MS) R4070904-7 05/15/24 04:39	/24 04:06 • (MS)) R4070904-7	05/15/24 04:3	6										ري ا
2.4	Spike Amount	Original Result MS Result	It MS Result		Dilution	Rec. Limits	MS Qualifier							
Analyte	mg/l	mg/l	mg/l	%		%								
Bromide	40.0	<0.353	37.6	94.1	.	80.0-120								1
Cilloride	40.0	1.12	39.5	96.0	, ,	80.0-120		•						
Sulfate	40.0	7.62	46.7	97.8		80.0-120								α
Holic	ACCOUNT: Holiday Beach WSC			PRO	PROJECT:			SDG:		DATE/TIME	TIME		PAGE	
				100000000000000000000000000000000000000				/33/93		06/06/24 14:29	4 14:29		17 of 69	

QUALITY CONTROL SUMMARY

L1733793-01

Method Blank (MB)

WG2283915 Wet Chemistry by Method 3500Cr-B

	MB RDL	mg/l	0.00300
	MB MDL	l/gm	0.00200
	MB Qualifier		
10/24 15:39	MB Result	mg/l	<0.00200
(MB) R4068328-1 05/1	MB Result	Analyte	Chromium, Hexavalent

Laboratory Control Sample (LCS)

LCS Qualifier		
Rec. Limits	%	85.0-115
LCS Rec.	%	103
LCS Result	₩g/I	0.206
Spike Amount	l/gm	0.200
	Analyte	Chromium, Hexavalent
	t LCS Result LCS Rec. Rec. Limits	Spike Amount LCS Result LCS Rec Rec. Limits Lmg/l % % %

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RPD Limits

RPD

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L1728777-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	MSD Qualifier		
	MS Qualifier		
	Rec. Limits	200	10.0-120
	Dilution		-
/24 15:39	MSD Rec.	%	95.5
328-4 05/10	MS Rec.	96	95.5
(MS) R4068328-3 05/10/24 15:39 • (MSD) R4068328-4 05/10/24 15:39	MSD Result	l/gm	0.191
5/10/24 15:39	MS Result	mg/l	0.191
4068328-3 0	Original Result MS Result	mg/l	<0.00200
4 15:39 · (MS) R	Spike Amount	mg/l	0.200
(OS) L1728777-01 05/10/24 15:39 · (Analyte	Chromium, Hexavalent

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Sample Narrative:

05: Sample preserved in lab within 24 hrs of collection time

SDG:

1733793

06/06/24 14:29 DATE/TIME.

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PROJECT:

Holiday Beach WSC ACCOUNT:

Method Blank (MB)

MB Result MB Qualifier MB MDL MB RDL mg/l mg/l mg/l <0.140 0.250	MB Result MB Qualifier MB MDL mg/l	
mg/l mg/l mg/l <0.140 0.250	l/am	
<0.140 0.250	2	
	0.140 0.250	

Laboratory Control Sample (LCS)

LCS Qualifier		
Rec. Limits	%	90.0-110
LCS Rec.	%	102
LCS Result	l/gm	4.08
Spike Amount	l/gm	4.00
	Analyte	Kjeldahl Nitrogen, TKN
		Spike Amount LCS Result mg/l

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L1733754-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1733754-01 05/14/24 20:03 • (MS) R4069654-3 05/14/24 20:30 • (I Spike Amount Original Result MS Result M Analyte mg/l mg/l mg/l mg/l mg/l mg/l 5;25 5

L1733793-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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			ארט בווווו	%	20
		Udd		96	1.39
		MSD Onalifier			
		MS Qualifier			
		Rec. Limits	9	9	90.0-110
		Dilution			-
	4/24 20:34	MSD Rec.	%	\$	105
	9654-6 05/1	MS Rec.	%	2	103
00.0000	3 • (MSD) K406	MSD Result	ma/l	b	5.06
COCACIANT	5/14/24 20:3	MS Result	ma/l	,	4.99
T T T T T T T T T T T T T T T T T T T	1400000+3	Spike Amount Original Result MS Result	l/bm		0.852
24 20.07 MAC	1 (014) • +0.02 +2	Spike Amount	l/gm		4.00
(05) 1733793-01 05/14/	(-0, 2003) K4069654-6 (MS) K4069654-5 (MSD) K4069654-6 (DS)4/24 20:33 (MSD) K4069654-6 (DS)4/24 20:34		Analyte	Waldach Mr.	Njeldani Nitrogen, IKN

PROJECT:

SDG: L1733793

QUALITY CONTROL SUMMARY L1733793-01

Wet Chemistry by Method 353.2 WG2282756

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±	alifier MB MDL MB RDL	mg/l mg/l	0.0300 0.0500	0.0300 0.0500
1:02 118 R 119/1 0:03	MB Qualifier			00
(MB) R4067541-1 05/08/24 21:04 MB Resu Analyte mg/l Nitrate-Nitrite <0.0300	\$1-51 2			00

Laboratory Control Sample (LCS)

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	LCS Qualifier			
	Rec. Limits	%	90.0-110	90.0-110
	LCS Rec.	%	108	104
	LCS Result	l/gm	2.70	2.61
/24 21:05	Spike Amount	l/gm	2.50	2.50
(LCS) R4067541-2 05/08/24 21:05		Analyte	Nitrate-Nitrite	Nitrite

L1733754-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	%°	20	20
	MSD Qualifier RPD	60	1.60	0.000
	MS Qualifier MSD			
	Rec. Limits	30	90.0-110	90.0-110
	Dilution		<u>-</u>	-
24 21:20	MSD Rec.	%	99.2	94.8
3/24 21:19 · (MSD) R4067541-4 05/08/24 21:20	MS Rec.	%	101	94.8
• (MSD) R406.	MSD Result	l/gm	2.48	2.37
5/08/24 21:19	MS Result	∥g/l	2.52	2.37
34067541-3 0	Spike Amount Original Result MS Result	mg/l	<0.0300	<0.0300
4 21:08 • (MS) F	Spike Amount	l/gm	2.50	2.50
05/08/2				
(OS) L1733754-01 05/08/24 21:08 • (MS) R4067541-3 05/08/		Analyte	Nitrate-Nitrite	Nitrite

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PROJECT:

DATE/TIME: 06/06/24 14:29

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Wet Chemistry by Method 353.2

Method Blank (MB)

(MB) R4068639-1 05/10/24 15:40	/24 15:40					Cb
	MB Result	MB Qualifier	MB MDL		_	
Analyte	l/gm		l/gm	l/gm		7
Nitrate-Nitrite	<0.0300		0.0300			2
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Laboratory Control Sample (LCS)

			90.0-110
	LCS Qualifier		
	Rec. Limits	%	90.0-110
	LCS Rec.	%	105
	LCS Result	∥gm	2.62
1/10/24 15:41	Spike Amount LCS Result	l/gm	2.50
(LCS) R4068639-2 05/10/24 15:41		Analyte	Nitrate-Nitrite

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L1733793-01 Original Sample (OS) • Matrix Spike (MS)

	MS Qualifier		
	Dilution Rec. Limits	96	90.0-110
	Dilution		-
	MS Rec.	%	106
15/10/24 16:01	MS Result	∥⁄gш	2.66
۳,	Original Result	∥gm	<0.0300
/24 15:52 • (MS) R	Spike Amount Original Result	l/gm	2.50
(US) L1733793-01 05/10/24 15:52 • (MS) R4068639		Analyte	Nitrate-Nitrite

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L1733793-01 Original Sample (OS) • Matrix Spike (MS)

	MS Qualifier		
	Dilution Rec. Limits	%	90.0-110
	Dilution		-
	MS Rec.	%	107
5/10/24 16:01	MS Result	l/gm	2.67
1068639-4 0	Original Result	l/gm	<0.0300
S) L1733793-01 05/10/24 15:52 • (MS) R4068639-4 05/10/24 16:01	Spike Amount Original Result MS Result	l/gm	2.50
(OS) L1733793-01 05,		Analyte	Nitrate-Nitrite

L1733795-02 Original Sample (OS) • Matrix Spike (MS)

	ier		
	MS Qualifier		
	Dilution Rec. Limits	%	90.0-110
			10
	MS Rec.	%	110
5/10/24 16:02	MS Result	l/gm	36.4
· (MS) R4068639-5 05/10/24 16:02	Original Result MS Result	. I/gm	8.87
ct	Spike Amount (l/gm	25.0
(OS) L1733795-02 05/10/24 16:04		Analyte	Nitrate-Nitrite

L1733795-02 Original Sample (OS) • Matrix Spike (MS)

	c. Dilution Rec. Limits MS Qualifier	%	010 00
4 16:03	sult MS Rec.	%	110
34068639-6 05/10/2	Spike Amount Original Result MS Result	l/gm l/gm	8.87 36.4
35-02 05/10/24 16:04 · (MS) R4068639-6 05/10/24 16:03	Spike Amount	l/gm	25.0
(OS) L1733795-(Analyte	Nitrate-Nitrite

ACCOUNT:	Holiday Beach WSC

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 4500CN-E

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	MB RDL	mg/l	0.0100
	MB MDL	∥⁄gш	0.00430
	MB Qualifier		
05/09/24 17:33	MB Result	l/gm	<0.00430
(MB) R4067922-1 05/09/2417:33		Analyte	Cyanide

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	85.0-115
	LCS Rec.	%	6.96
	LCS Result	l/gm	0.0969
5/09/24 17:33	Spike Amount	l/gm	0.100
(LCS) R4067922-2 05/09/24 17:33		Analyte	Cyanide

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L1733451-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	RPD Limits	39	20
	RPD	%	0.000
	MSD Qualifier		97
	MS Qualifier		91
	Rec. Limits	59	85.0-115
	Dilution		-
/24 17:33	MSD Rec.	%	0.000
922-4 05/09	MS Rec.	%	0.000
(MSD) R40679	MSD Result	l/gm	<0.00430
/09/24 17:33 •	MS Result	mg/l	<0.00430
1067922-3 05	Original Result	mg/!	<0.00430
9/24 17:33 • (MS) R ²	Spike Amount	l/gm	0.100
(OS) L1733451-01 05/09	Spike Amount Original Result MS Result MSD Rec. MSD Rec.	Analyte	Cyanide

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L1733940-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1733940-01 05/09/24 17:33 • (MS) R4067922-5 05/09	/24 17:33 • (MS) F	34067922-5 0	5/09/24 17:33	· (MSD) R4067	922-6 05/09/	24 17:33						
	Spike Amount	Spike Amount Original Result MS Result	MS Result	S Result MSD Result MS Rec. MSD Rec.	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	l/gm	mg/l	mg/l	mg/l	%	%		95			%°	%
Cyanide	0.100	<0.00430	0.0652	0.100	65.2	100	-	85.0-115	90	ह्य ।	42.5	20

06/06/24 14:29 DATE/TIME:

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Method Blank (MB)

Analyte mg/l MB RDL MB RDL Phosphorus, Jotal 40.0152 0.0152 0.0500 Laboratory Control Sample (LCS) 8.0 C Limits C.S. Goallifer Analyte mg/l 8.0 C Limits C.S. Goallifer Analyte mg/l 8.0 C Limits C.S. Goallifer L17333962-02 Original Sample (LCS) 0.483 96.5 8.0 C Limits C.S. Goallifer L17333962-02 Original Sample (LCS) 0.483 96.5 8.0 C Limits C.S. Goallifer L17333962-02 Original Sample (LCS) 0.483 96.5 8.0 C Limits C.S. Goallifer Analyte mg/l mg/l MSD Result MSD Resul														
Patory Control Sample (LCS)	ıalyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l									
Amount LCS Result LCS Rec. Limits LCS Qualifier	iosphorus,Total	<0.0152		0.0152	0.0500									
4069227-2 05/13/24 18:53 Spike Amount LCS Result LCS Rec. Limits LCS Qualifier mg/l mg/l s	aboratory Cont	rol Sample (L((SS)											
Spike Amount LCS Rec. Limits LCS Outlifier mg/l mg/l % 80.0-120 rus,Total 0.500 0.483 96.5 80.0-120 33962-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike (MS) • Matrix Spike (MS) • Matrix Spike Amount Original Result MS	CS) R4069227-2 05,	/13/24 18:53												
ec. Dilution Rec. Limits MS Qualifier MSD Qualifier RPD % 1 80.0-120 0.471	ıalyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier								
ec. Dilution Rec. Limits MS Qualifier MSD Qualifier RPD % 1 80.0-120 0.471	iosphorus,Total .	0.500	0.483	96.5	80.0-120									
ec. Dilution Rec. Limits MS Qualifier MSD Qualifier RPD % 1 80.0-120 0.471	1733962-02 Or	iginal Sample	(OS) • Mat	rix Spike (I	MS) • Matri	x Spike Du	plicate (M	(05						
Pac. Dilution Rec. Limits MS Qualifier MSD Qualifier RPD % % % 1 80.0-120 0.471	15) L1733962-02 05/	13/24 18:54 · (MS) I	R4069227-3 (15/13/24 18:55	• (MSD) R4069	1227-4 05/13/2	4 18:55							
mg/l mg/l mg/l mg/l % % % % % % % % % % % % % % % % % % %		Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Orialifier	uad	-ti: 1 000	
0.500 <0.0152 0.484 0.481 96.7 96.3 1 80.0-120 0.471	nalyte	l/gm	mg/l	mg/l	l/gm	%	%		%			5 % 2	אר ער בוווונג אר אר בוווונג	
	osphorus,Total	0.500	<0.0152	0.484	0.481	2.96	96.3	-	80.0-120			0.471	20	

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	atimit COO	N 96	20
	NPD	5 % 7	0.625
	MSD Qualifier		
	MS Qualifier		
	Dilution Rec. Limits	%	80.0-120
			-
24 18:55	MSD Rec.	%	93.9
227-6 05/13/	MS Rec.		94.6
(MSD) R4069	MS Result MSD Result MS Rec.	l/gm	0.544
5/13/24 18:55 •	MS Result	l/gm	0.547
1069227-5 05	Original Result	∥g/l	0.0745
1/24 18:54 • (MS) RA	Spike Amount Original Result MS	mg/l	0.500
(OS) L1734416-02 05/13/24 18:54 (MS) R4069227-5 05/13/24 18:55 (MSD) R4069227-6 05/13/24 18:55		Analyte	Phosphorus, Total

PROJECT:

SDG: L1733793

QUALITY CONTROL SUMMARY WG2282700

11733793-01

Wet Chemistry by Method 4500-S2 D Method Blank (MB)

0.100
0.0230
<0.0230
Sulfide

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	80.0-120
	LCS Rec.	%	106
	LCS Result	∥⁄gш	0.847
/24 18:33	Spike Amount	l/gm	0.800
(LCS) R4067544-2 05/08,	Spike Amount Lo	Analyte	Sulfide

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L1733754-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

Spike A		05/08/24 18:3/	· (MSD) R4067	. (MS) R4067544-3 05/08/24 18:37 · (MSD) R4067544-4 05/08/24 18:37	24 18:37					
	e Amount Original Result MS Result	It MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	1.5
Analyte mg/l	l/gm	l/gm	mg/l	%	%		%			De.
Sulfide 0.800	<0.0230	0.301	0.322	37.6	40.3	_	80.0-120	81	97	(7)

L1733793-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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A

RPD Limits

RPD

% 52

6.87

	RPD Limits	96	20
	fier RPD	20	10.1
	MSD Qualifier		90
	MS Qualifier		90
	Rec. Limits	o o	80,0-120
	Dilution		*
3/24 18:37	MSD Rec.	96	37.6
544-6 05/08	MS Rec.	8	34.0
3/24 18:37 • (MSD) R4067544-6 05/08/24 18:37	MSD Result	l/Sm	0.301
5/08/24 18:37	MS Result	l/gm	0.272
4067544-5 0	Spike Amount Original Result MS Result	mg/l	<0.0230
4 18:37 • (MS) R	Spike Amount	l/gm	0.800
(OS) L1733793-01 05/08/24 18:37 • (MS) R4067544-5 05/08/2		Analyte	Sulfide

PROJECT:

SDG:

06/06/24 14:29

DATE/TIME:

Wet Chemistry by Method 5210 B-2016

Method Blank (MB)

-	MB RDL	mg/l	0.200
	MB MDL	mg/l	0.200
	MB Qualifier		
5/13/24 09:20	MB Result	l/gm	<0.200
(MB) R4068806-1 05/13/24 09:20		Analyte	BOD

				DUP RPD Limits	%	20
				DUP Qualifier		
l/gm	0.200	(AO	0:22	DUP RPD	96	6.84
l/gm	0.200	plicate (D	3 05/13/24 1	Dilution		-
		nQ • (SO) e	P) R4068806-	Original Result DUP Result Dilution DUP RPD	//gm	1.13
l/gm	<0.200	1 Original Sample (OS) • Duplicate (DUP)	(OS) L1733676-01 05/13/24 09:44 • (DUP) R4068806-3 05/13/24 10:22	Original Resu	l/gm	1.21
Analyte	BOD	L1733676-01 Orig	(OS) L1733676-C		Analyte	BOD

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L1733800-01 Original Sample (OS) • Duplicate (DUP)

	DUP RPD Limits	%	20
7.8	DUP Qualifier DI		
10:25	DUP RPD	%	6.12
4 05/13/24	Dilution		-
) R4068806-	Original Result DUP Result Dilution DUP RPD	l/gm	4.38
OS) L1733800-01 05/13/24 10:05 • (DUP) R4068806-4 05/13/24 10:25	Original Resull	l/gm	4.12
(08) 11733800-01 (Analyte	800

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Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	85-115
	LCS Rec.	%	9.66
	LCS Result	l/gm	197
(LCS) R4068806-2 05/13/24 09:25	Spike Amount LCS Result	l/gm	198
(LCS) R4068806-		Analyte	BOD

PROJECT:

QUALITY CONTROL SUMMARY

Method Blank (MB)

WG2282376 Wet Chemistry by Method 5210 B-2016

	MB RDL	l/gm	0.200
	MB MDL	l/gm	0.200
	MB Qualifier		
(MB) R4068874-1 05/13/24 10:49	MB Result	l/gm	<0.200
(MB) R4068874-1		Analyte	CBOD

L1733908-02 Original Sample (OS) · Duplicate (DUP)

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DUP RPD Limits	%	20
DUP Qualifier		
DUP RPD	%	3.98
Dilution		-
DUP Result	mg/l	1.23
Original Result	l/gm	1.28
		ea
	Analyte	CBOD
	Original Result DUP Result Dilution DUP RPD <u>DUP Qualifier</u> Limits	Original Result DUP Result DIIntion DUP RPD <u>DUP Gualifier</u> mg/l mg/l %

L1733916-02 Original Sample (OS) · Duplicate (DUP)

	DUP RPD Limits	.%	20
	DUP Qualifier		Ы
157	Dilution DUP RPD	%	46.8
05/13/24 1	Dilution		, -
4063874-4	DUP Result	l/gm	1.26
OS) L1733916-02 05/13/24 11:52 • (DUP) R4063874-4 05/13/24 11:57	Original Result DUP Result	l/gm	2.03
(OS) L1733916-02 (Analyte	CBOD

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DATE/TIME: 06/06/24 14:29

5DG: L1733793

PROJECT:

Holiday Beach WSC ACCOUNT:

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Laboratory Control Sample (LCS)

(LCS) R4068874-2 05/13/24 10:53	5/13/24 10:53				
	Spike Amount	CS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm	l/gm	%	94	
CBOD	198	190	96	85-115	

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Wet Chemistry by Method 5220D

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(MB) R4067937-1 05/09/24 18:13 MB Result MB RDL Analyte mg/l mg/l COD <16.1 35.0	.067937-1 05/09/24 18:13 MB Result MB MDL MB RDL mg/l mg/l <16.1 35.0					
MB Result MB Qualifier MB MDL MB RDL mg/l mg/l 35.0	MB Result MB MDL MB RDL mg/l mg/l <16.1 35.0	(MB) R4067937-1 05/	/09/24 18:13			
. c16.1 16.1 35.0	mg/l mg/l rg/l 35.0		MB Result	MB Qualifier	MB MDL	
· <6.1 16.1 35.0	. <16.1 35.0	Analyte	l/gm		l/gm	
		COD	<16.1		16.1	35.0

Laboratory Control Sample (LCS)

	ier	ı	
	LCS Qualifier		
	Rec. Limits	%	80.0-120
	LCS Rec.	%	. 99.2
	Amount LCS Result	∥g/l	496
5/09/24 18:13	Spike Amount	l/gm	200
(LCS) R4067937-2 05/09/24 18:13		Analyte	000

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L1733089-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

		PDD Limits	N D CIIIIII	96	20
		NPD	i E 8	90	1.88
		MSD Qualifier			
		MS Qualifier			
		Dilution Rec. Limits	70	9	80.0-120
		Difution			-
	/24 18:13	MSD Rec.	8	?	98.3
	937-4 05/09	MS Rec.	>6	?	96.1
	· (MSD) R40679	MSD Result	ma/I	'n	575
	/09/24 18:13	MS Result	ma/l	,	565
	4067937-3 05	Spike Amount Original Result MS Result	l/bm		83.9
Contract of the second	24 18:13 • (MS) R	Spike Amount	l/gm	001	200
	(OS) L1733089-01 05/09/24 18:13 • (MS) R4067937-3 05/09/24 18:13 • (MSD) R4067937-4 05/09/24 18:13		Analyte	900	

L1733997-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

Sc

) R4067937 it Original I mg/l 47.4	(OS) L1733997-01 05/09/24 18:13 • (MS) R4067937-5 05/09/24 18:13 • (MSD) R4067937-6 05/09/24 18:13	Spike Amount Original Result MS Result MSD Result MS Rec. MSD Rec. Dilution Rec. Limits MS Qualifier MSD Qualifier RPD RPD Invits	% % /Sm //Sm	47.4 511 5.22 92.7 94.9 1 80.0-120 2.08 20
media podd	7-5 05/09/24 18:13 • (MSD) R4067!	MSD Resu		511 522

28 of 69 PAGE: RPD Limits 20 % 0.197 06/06/24 14:29 DATE/TIME: RPD MSD Qualifier MS Qualifier Dilution Rec. Limits 80.0-120 1,1733793 SDG: L1733503-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) MSD Rec. (OS) L1733503-01 05/10/24 19:40 • (MS) R4068943-3 05/10/24 18:56 • (MSD) R4068943-4 05/10/24 19:18 107 LCS Qualifier MS Rec. 107 96 MSD Result Rec. Limits 90.0-110 MB RDL 0.700 l/gm mg/l 15.2 Spike Amount Original Result MS Result LCS Rec. MB MDL 0.270 l/gm l/gm 15.2 104 MB Qualifier Spike Amount LCS.Result l/gm Mg/I 4.51 10.4 Laboratory Control Sample (LCS) Holiday Beach WSC MB Result ACCOUNT: <0.270 (LCS) R4068943-2 05/10/24 17:53 (MB) R4068943-1 05/10/2417:33 l/gm l/gm mg/l 10.0 10.0 Method Blank (MB) TOC (Total Organic Carbon) TOC (Total Organic Carbon) TOC (Total Organic Carbon)

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QUALITY CONTROL SUMMARY

L1733793-01

Wet Chemistry by Method 5310C

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WG2284147

WUALLIY CONIROL SUMMARY L1733793-01

Wet Chemistry by Method 5540C

Method Blank (MB)

	MB RDL	mg/l	0.500
	MB MDL	l/gm	0.360
	MB Qualifier MB MDL		
MB) R4067547-1 05/08/24 20:28	MB Result	l/gm	<0.360
(MB) R4067547-1		Analyte	MBAS

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	80.0-120
	LCS Rec.	%	118
	Spike Amount LCS Result LCS Rec.	mg/l	1.18
. 05/08/24 20:28	Spike Amount	l/gm	1.00
(LCS) R4067547-2 0		Analyte	MBAS

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L1733793-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike D

DATE/TIME: 06/06/24 14:29

SDG: L1733793

PROJECT:

QUALITY CONTROL SUMMARY Wet Chemistry by Method SM 4500-H+B

L1733793-01

WG2285806

L1731428-03 Original Sample (OS) · Duplicate (DUP)

	fier DUP RPD Limits	%	20
76	JP RPD DUP Qualifier		(2)
2 US/14/24 US:	Dilution DUP RPD	%	1 1.25
P) R4069344-	Original Result DUP Result	Su	7.94
5/14/24 08:26 · (DU	Original Resul	Su	8.04
(OS) L1/31428-03 05/14/24 08:26 • (DUP) R4069344-2 05/14/24 08:26		Analyte	H

Sample Narrative:

OS: 8.04 at 20.1C

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DUP: 7.94 at 21.4C

L1731489-01 Original Sample (OS) • Duplicate (DUP)

Analyte Su Su Su No.621 DIP Result DIP Result DIP Result DIP Lation DUP RPD DUP Qualifier PD Sample Narrative: 05: 8.08 at 21.2C	(OS) L1731489-01 05/14/24 08:26 • (DUP) R4069344-3 05/14/24 08:26	4/24 08:26 · (DUP)	R4069344-3	05/14/24	38:26	
su su 8.03 1 8.03 1 C		Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier
8.08 8.03 1 C	Analyte	ns	Su		%	
Sample Narrative: OS: 8.08 at 21.2C	Hd	8.08	8.03	-	0.621	
OS: 8.08 at 21.2C	Sample Narrative:					
	OS: 8.08 at 21.2C					

DUP RPD Limits

20 %

DUP: 8.03 at 21.7C

Laboratory Control Sample (LCS)

	LCS Qualifier		
	Rec. Limits	%	99.0-101
	LCS Rec.	%	101
		ПS	
05/14/24 08:26	Spike Amount	Analyte	00.9
(LCS) R4069344-1		Analyte	Hd

Sample Narrative: LCS: 6.03 at 22C

Holiday Beach WSC ACCOUNT:

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06/05/24 14:29 DATE/TIME:

1733793 SDG:

PROJECT:

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Method	MB)
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Wet Chemistry	Method Blan

MCHING DIGILIA (MID)	(OIVI)												-
(MB) R4069145-1 05/13/24 16:10	/13/24 16:10												
	MB Result	MB Qualifier	MB MDL	MB RDL									
Analyte	l/gm		l/gm	l/gm									
Ammonia Nitrogen	<0.0280		0.0280	0.100									
Laboratory Control Sample (LCS)	ntrol Sample ((LCS)											
(LCS) R4069145-2 05/13/24 16:12	5/13/24 16:12												
	Spike Amour	Spike Amount LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	(pice							
Analyte	l/gm	l/gm	%	%									(n
Ammonia Nitrogen	5.00	5.08	102	80.0-120							**		
L1733249-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	Vriginal Samp	ile (OS) • Ma	atrix Spike	(MS) • Matri	x Spike D	uplicate (M	SD)						
(OS) L1733249-02 05/13/24 16:23 • (MS) R4069145-3 05/13/24 16:14 • (MSD) R4069145-4 05/13/24 16:16	5/13/24 16:23 • (M:	S) R4069145-3	05/13/24 16:14	• (MSD) R4069	145-4 05/13/2	4 16:16							
	Spike Amour	Spike Amount Original Result MS Result	ult MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	Udd	DDD I imite	
Analyte	l/gm	l/gm	l/gm	l/gm	%	%		%			5 96 7	۲۲ دا اااا ا	
Ammonia Nitrogen	5.00	1.57	6.45	6.44	97.6	97.4	-	80.0-120			0.155	20	
L1733320-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	riginal Sample	e (OS) • Mai	trix Spike (MS) • Matrix	« Spike Du	plicate (MS	SD)						
(OS) L1733320-01 05/13/24 16:26 (MS) R4069145-5 05/13/24 16:17 (MSD) R4069145-6 05/13/24 16:19	5/13/24 16:26 · (MS	S) R4069145-5 (05/13/24 16:17	· (MSD) R40691	45-6 05/13/2	1 16:19							
	Spike Amour	Spike Amount Original Result MS Result	ılt MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	l/gm	l/gm	∥gm	%	%		%				2 2	
Ammonia Nitrogen	5.00	8.47	13.5	13.4	101	98.6	-	80.0-120	ш	шı	0.743	50	

DATE/TIME: 06/06/24 14:29

WG2284218

QUALITY CONTROL SUMMARY

Metals (ICP) by Method 200.7

Method Blank (MB)

(MB) R4068533-1 05/11/24 09:55

Laboratory Control Sample (LCS)

(LCS) R4068533-2 05/11/24 09:59	05/11/24 09:59					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	l/gm	l/gm	%	%		
Aluminum	10.0	10.3	103	85.0-115		
Antimony	1.00	1.02	102	85.0-115		
Arsenic	1.00	1.01	101	85.0-115		
Barium	1.00	1.02	102	85.0-115		
Beryllium	1.00	1.04	104	85.0-115		
Boron	1.00	0.989	6.86	85.0-115		
Cadmium	1.00	1.02	102	85.0-115		
Chromium	1.00	1.03	103	85.0-115		
Cobalt	1.00	1.06	106	85.0-115		
Copper	1.00	1.04	104	85.0-115		
Iron	10.0	10.4	104	85.0-115		

SDG: 1.1733793

PROJECT:

ACCOUNT: Holiday Beach WSC

		PAGE : 32 of 69
		DATE/TIME: 06/06/24 14:29

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Metals (ICP) by Method 200.7

Laboratory Control Sample (LCS)

Analyte Spike Amount LCS Result LCS Result LCS Result LCS Result LCS Gualifier Lead 1.00 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.07 1.	(LCS) R4068533-2 05/11/24 09:59	1/24 09:59					
mg/l mg/l % % 1.00 1.05 105 85.0-115 n 10.0 1.03 103 85.0-115 e 1.00 1.07 107 85.0-115 nm 1.00 1.02 102 85.0-115 nm 1.00 1.05 105 85.0-115 0.500 0.489 97.7 85.0-115 1.00 1.07 107 85.0-115 1.00 1.07 107 85.0-115 1.00 1.01 101 85.0-115 1.00 1.01 101 85.0-115 1.00 1.01 101 85.0-115		Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
1.00 1.05 105 e 1.00 1.03 103 e 1.00 1.07 107 1.00 1.05 105 1.00 1.01 101 0.500 0.489 977 1.00 1.07 107 1.00 1.07 107 1.00 1.01 101 1.00 1.01 101 1.00 1.01 101	Analyte	l/gm	mg/l	%	%	L care	
He 10.0 10.3 10.3 10.3 10.3 10.3 10.3 10.3	Lead	1.00	1.05	105	85.0-115		
lum 1.00 1.07 107 107 107 107 107 107 107 107 107 1	Magnesium	10.0	10.3	103	85.0-115		
um 1.00 1.02 102 1.00 1.05 105 105 1.00 1.01 101 101 0.500 0.489 97.7 107 1.00 1.07 107 107 1.00 1.03 103 1.00 1.04 104	Manganese	1.00	1.07	107	85.0-115		
1.00 1.05 105 1.00 1.01 101 0.500 0.489 97.7 1.00 1.07 107 1.00 1.03 103 1.00 1.04 104	Molybdenum	1.00	1.02	102	85.0-115		
1.00 1.01 101 011 0500 0.500 0.489 97.7 1.00 1.07 107 107 107 1.00 1.01 1.01	Nickel	1.00	1.05	105	85.0-115		
0.500 0.489 97.7 1.00 1.07 107 1.00 1.03 103 1.00 1.04 104	Selenium	1.00	1.01	101	85.0-115		
1.00 1.07 107 1.00 1.03 103 1.00 1.01 101 1.00 1.04 104	Silver	0.500	0.489	7.76	85.0-115		
1.00 1.03 103 1.00 1.01 101 1.00 1.04 104	Thallium	1.00	1.07	107	85.0-115		
1.00 1.01 101 1.00 1.04 104	Tin	1.00	1.03	103	85.0-115		
1.00 1.04 104	Titanium	1.00	1.01	101	85.0-115		
	Zinc	1.00	1.04	104	85.0-115		

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L1734514-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	Spike Amount	Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	l/gm	mg/l	mg/l	mg/l	%	%		%			. %	. %	
Aluminum	10.0	0.616	10.9	11.1	102	105	-	70.0-130			192	, K	
Antimony	1.00	<0.00242	1.02	1.05	102	105		70.0-130			25.1	20	
Arsenic	1.00	<0.00418	1.02	1.04	102	104		70.0-130			27.7	20	
Barium	1.00	0.0468	1.06	1.08	101	104		70.0-130			2.03	02	
Beryllium	1.00	<0.000180	1.04	1.06	104	106		70.0-130			157	20	
Boron	1.00	0.0367	1.03	1.05	99.1	101	_	70.0-130			174	20	
Cadmium	1.00	<0.000350	1.02	1.05	102	105		70.0-130			2.03	30	
Chromium	1.00	0.0107	1.04	1.06	103	105		70.0-130			191	30	
Cobalt	1.00	<0.000680	1.06	1.08	106	108	-	70.0-130			197	30	
Copper	1.00	<0.00364	1.04	1.06	104	106	-	70.0-130			172	20	
Iron	10.0	0.128	10.5	10.7	104	106		70.0-130			170	07	
Lead	1.00	<0.00312	1.03	1.05	103	105		70.0-130			202	30	
Magnesium	10.0	0.687	10.8	11.0	101	103		70.0-130			230	20	
Manganese	1.00	0.00682	1.07	1.09	106	108	-	70 0-130			176	20 6	
Molybdenum	1.00	<0.00760	0.970	1.00	97.0	100	-	70 0-130			306	20 00	
Nickel	1.00	<0.00358	1.03	1.05	103	105		70.0-130			193	2, 20	
Selenium	1.00	<0.00500	1.02	1.04	102	104	Ĭ.	70 0-130			20.0	20 00	
Silver	0.500	<0.000990	0.493	0.503	98.6	101		70.0-130			105	22	
Thallium	1.00	<0.00775	1.04	1.06	104	106		70.0-130			86.6	02 02	
Th.	1.00	<0.00240	1.02	1.04	102	104		70.0-130			2 03	02	
Titanium	1.00	0.0288	1.04	1.06	101	103		70.0-130			17.	02 02	
Zinc	1.00	<0.0106	1.04	1.06	104	106	,-	70.0-130			2.00	07	

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PROJECT:

Holiday Beach WSC

ACCOUNT:

Metals (ICP) by Method 200.7 WG2284218

QUALITY CONTROL SUMMARY

11733793-01

L1734611-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

RPD Limits 0.456 0.934 0.928 0.977 0.707 1.46 2.15 1.24 1.84 1.25 1.40 2.02 1.62 1.19 139 1.06 1.44 1.07 1.17 MSD Qualifier MS Qualifier Rec. Limits 70.0-130 70.0-130 70 0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 70.0-130 Dilution MSD Rec. 96.5 95.1 103 105 100 102 100 5 (OS) L1734611-01 05/11/24 10:55 • (MS) R4068533-5 05/11/24 11:38 • (MSD) R4068533-6 05/11/24 11:42 8.66 97.4 106 104 105 103 105 901 104 104 102 103 101 103 MSD Result 0.965 0.496 2.39 1.02 17.5 1.03 90. 1.27 19.2 1.08 1.02 1.02 1.04 .04 .02 Spike Amount Original Result MS Result 0.974 0.501 1.05 1.03 17.6 2.45 1.09 1.05 1.03 4.88 1.28 1.06 1.05 1.08 1.03 <0.0000350 <0.000180 <0.00760 <0.00242 <0.00418 <0.00312 <0.00500 <0.00775 <0.00240 0.00626 0.00723 0.00171 0.0537 0.0470 0.235 3.84 9.22 7.45 1.39 mg/l 0.500 1.00 1.00 1.00 00 00'1 001 0.01 1.00 1.00 Molybdenum Magnesium Manganese Chromium Selenium Aluminum Beryllium Cadmium Analyte Antimony Thallium Titanium Barium Copper Arsenic Cobalt Boron Nickel Lead lron

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Volatile Organic Compounds (GC/MS) by Method 624.1

Method Blank (MB)

811 MB Qualifier MB MDL mg/l mg/l mg/l 0.000335 0.000335 0.000335 0.000355 0.000355 0.000355 0.000355 0.000357 0.000357 0.000357 0.000357 0.000357 0.000372 0.000372 0.000327 0.0000327 0.0000327 0.000327 0.0000327 0.0000327 0.0000327 0.000327 0.000327 0.00	(MB) R4068891-2 05/10/24 19:03	24 19:03							
rouglane mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l		MR Recuit	MB Ouslifier	I OM OM	C C				
cettane	Analyte	ma/l		mo/l	MB KUL				
cultoroethane	1.1.1-Trichloroethane	<0.00335	A CONTRACT OF THE PERSON NAMED IN CO.	10000	Tight of	and the second s			
oethane	11.2.2 Totachlacett	20.00333		0.00335	0.00500				
tithane	1,1,2,2-Trichloroethane	<0.000396		0.000596	0.00500				
titherine	11 Dichloroothane	-0.00143		0.00145	0.00500				
there	1, r-Dichloroethane	<0.00292		0.00292	0.00500				
ethane	I, I-Dichloroethene	<0.00367		0.00367	0.00500				
ethane	1,2-Dichlorobenzene	<0.00172		0.00172	0.00200				
propane 40,000804 0,000804 propane 40,000419 0,000419 penzene 40,00173 0,00173 prival ether 40,00552 0,00552 prival ether 40,00544 0,00544 promethane 40,000709 0,000709 promethane 40,000360 0,000360 promethane 40,000376 0,000376 promethane 40,000361 0,000376 promethane 40,000376 0,000376 promethane 40,000377 0,000327 promethane 40,000377 0,000372 promethane 40,000377 0,000372 promethane 40,000372 0,000372 promotypopene 40,000372 0,000372 promotypopene 40,000372 0,000372 promotypopene 40,000401 0,000406 promotypopene 40,000501 0,000501 promotypopene 40,000501 0,000501 promotypopene 40,000466 0,000466 promotypopene <td>1,2-Dichloroethane</td> <td><0.00195</td> <td></td> <td>0.00195</td> <td>0.00500</td> <td></td> <td></td> <td></td> <td></td>	1,2-Dichloroethane	<0.00195		0.00195	0.00500				
oenzene	1,2-Dichloropropane	<0.000804		0.000804	0.00200				
penzene <.0.00173 yl vinyl ether <.0.00552	1,3-Dichlorobenzene	<0.00419	•	0.00419	0.00500				
yl vinyl ether <0.00652	1,4-Dichlorobenzene	<0.00173		0.00173	0.00200				
40,00544 0.00544 40,00709 0.00709 40,00207 0.00709 40,00207 0.00709 40,00207 0.00709 40,00347 0.00734 40,00347 0.00347 40,00347 0.00347 40,00348 0.00756 40,00379 0.00347 40,00370 0.00347 40,00371 0.00347 50,00372 0.00372 60,00373 0.00486 60,00372 0.00486 60,00372 0.00372 60,00372 0.00372 70,00372 0.00372 70,00372 0.00372 70,00372 0.00372 70,00372 0.00501 8 0.00501 10,00501 0.00460 11,00rochhane 0.00501 10,00501 0.00466 10,00501 0.00466 10,00501 0.00466 10,00501 0.00466 10,00501 0.00466	2-Chloroethyl vinyl ether	<0.00652		0.00652	0.0100				
40,00709 0.00709 romethane <0.00207	Acrolein	<0.00544		0.00544	0.0100				
<0.00207	Acrylonitrile	<0.00709		0.00709	0.0100				
-0.00179 0.00179 -0.000960 0.000960 -0.00347 0.000347 -0.00159 0.000347 -0.00276 0.000376 -0.00279 0.000276 -0.00212 0.000276 -0.00341 0.000276 -0.00372 0.00037 -0.00492 0.00492 -0.00493 0.00492 -0.00494 0.00492 -0.00495 0.00492 -0.00496 0.00486 -0.00486 0.00486 -0.00501 0.00219 -0.00501 0.00219 -0.00501 0.00501 -0.00460 0.00460 -0.00466 0.00466 -0.00466 0.00466	Benzene	<0.00207		0.00207	0.00500				
-0.000960 0.000960 -0.00347 0.000347 -0.00159 0.00159 -0.00276 0.000276 -0.00296 0.002026 -0.00212 0.00212 -0.00313 0.00212 -0.00492 0.00327 -0.00492 0.000401 -0.00486 0.000401 -0.00486 0.00486 -0.00501 0.00219 -0.00501 0.00219 -0.00501 0.00501 -0.00460 0.00460 -0.00466 0.00466 -0.00466 0.00466 -0.00466 0.00466 -0.00466 0.00466 -0.00466 0.00466	Bromodichloromethane	<0.00179		0.00179	0.00200				
<0.00347	Bromoform	<0.000960		0.000960	0.0100				
<0.00159	Bromomethane	<0.00347		0.00347	0.00500				
-0.00276 0.00276 -0.00296 0.00296 -0.00212 0.00212 -0.00341 0.00361 -0.00492 0.00361 -0.00492 0.00492 -0.00337 0.00327 -0.00486 0.00486 -0.00486 0.00486 -0.00219 0.00219 -0.00501 0.00501 -0.00502 0.00460 -0.00466 0.00466 -0.00466 0.00466 -0.00466 0.00466 -0.00466 0.00466	Carbon tetrachloride	<0.00159		0.00159	0.00200				
<0.00296	Chlorobenzene	<0.00276		0.00276	0.0100				
<0.00212	Chloroethane	<0.00296		0.00296	0.00500				
<0.00361	Chloroform	<0.00212		0.00212	0.00500				
e	Chloromethane	<0.00361		0.00361	0.00500				
opropene <0.00492 0.00492 omethane <0.00327	cis-1,2-Dichloroethene	<0.00113		0.00113	0.00500				
omethane <0,00327 0,00327 oride <0,000401	cis-1,3-Dichloropropene	<0.00492		0.00492	0.0100				
c0.000401 0.000401 oride <0.018	Dibromochloromethane	<0.00327		0.00327	0.00500				
oride <0.0118 0.0118 ene <0.00486 0.00486 c0.00219 0.00219 oroptopene <0.00372 0.00372 oropthene <0.00501 0.00501 oroptopene <0.00460 0.00460 ele <0.000466 0.00466 oroethane-d4 100 d8 101	Ethylbenzene	<0.000401		0.000401	0.00200				
rene <0.00486 0.00486 0.00486 0.00486 <0.00219 0.00219 0.00219 0.00219 0.00219 0.00219 0.00501 0.00501 0.00501 0.00501 0.00501 0.00501 0.00262 0.00262 0.00265 0.00466	Methylene Chloride	<0.0118		0.0118	0.0200				
<0.00219	Tetrachloroethene	<0.00486		0.00486	0.0100				
oropropene <0.00372	Toluene	<0.00219	٠	0.00219	0.00500				
oroethene <0.00501	Total 1,3-Dichloropropene	<0.00372		0.00372	0.0100				
oropropene <0.00460 0.00460 le <0.00262 0.00262 <0.00466 oroethane-d4 100 d8 101	trans-1,2-Dichloroethene	<0.00501		0.00501	0.0100				
e <0.00262 0.00262 o.00262 o.00466 o.0	trans-1,3-Dichloropropene	<0.00460		0.00460	0.00500				
 <0.00466 0.00466 oroethane-d4 100 fluorobenzene 105 d8 101 	Trichloroethene	<0.00262		0.00262	0.00500				
100 9 105 101	Vinyl chloride	<0.00466		0.00466	0.00500				
105 101	(S) 1,2-Dichloroethane-d4	100			70.0-130				
101	(S) 4-Bromofluorobenzene	501			70.0-130				
	(S) Toluene-d8	101			70.0-130				

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QUALITY CONTROL SUMMARY

L1733793-01 Volatile Organic Compounds (GC/MS) by Method 624.1

Laboratory Control Sample (LCS)

WG2284163

LCS Qualifier Rec. Limits 70.0-130 60.0-140 70.0-130 70.0-130 70.0-130 65.0-135 70.0-135 1.00-205 25.0-175 70.0-130 70.0-130 70.0-130 65.0-135 70.0-130 70.0-130 50.0-150 65.0-135 70.0-130 35.0-165 70.0-130 65.0-135 1.00-225 64.0-139 67.0-136 65.0-135 65.0-135 15.0-185 40.0-160 70.0-130 70.0-135 70.0-130 50.0-150 5.00-195 70.0-130 70.0-130 60.0-140 60.0-140 LCS Rec. 104 102 114 106 110 110 104 110 114 110 106 109 109 102 107 110 102 105 105 Spike Amount LCS Result 0.0205 0.0209 0.0208 0.0228 0.0226 0.0220 0.0224 0.0208 0.0223 0.0227 0.0202 0.0224 0.0203 0.0209 0.0216 0.0214 0.0212 0.0219 0.0212 0.0219 0.0219 0.0219 0.0213 0.0215 0.0217 0.0218 0.0217 0.0214 0.0219 0.0221 0.0411 0.105 0.109 0.101 0.0200 0.0401 0.100 0.100 0.100 (LCS) R4068891-1 05/10/24 18:14 (S) 4-Bromofluorobenzene (S) 1,2-Dichloroethane-d4 trans-1,3-Dichloropropene Total 1,3-Dichloropropene 1,1,2,2-Tetrachloroethane trans-1,2-Dichloroethene 2-Chloroethyl vinyl ether Dibromochloromethane Bromodichloromethane cis-1,3-Dichloropropene cis-1,2-Dichloroethene 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene Carbon tetrachloride 1,1,2-Trichloroethane 1,2-Dichlorobenzene 1,1,1-Trichloroethane Methylene Chloride 1,2-Dichloroethane Tetrachloroethene 1,1-Dichloroethane 1,1-Dichloroethene (S) Toluene-d8 Trichloroethene Вгототетрале Chiorobenzene Chloromethane Chloroethane Vinyl chloride Acrylonitrile Bromoform Chloroform Toluene Benzene Acrolein

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Volatile Organic Compounds (GC/MS) by Method 624.1

L1733507-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD) (OS) L1733507-02 05/10/24 20:17 • (MS) R4068891-3 05/10/24 20:42 • (MSD) R4068891-4 05/10/24 21:06

(03) LI735307-02 U3/10/24 20:17 • (MS) R4068891-3 05/10/24 20:42	(24 20:17 • (MS)	K4068891-3 (15/10/24 20:42	. · (MSD) R406	· (MSD) R4068891-4 05/10/24 21:06	24 21:06							
	Spike Amount	Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD I imits	v
Analyte	l/gm	mg/l	l/gm	∥gm	%	%		%			96	96	,
1,1,1-Trichloroethane	0.0199	<0.00335	0.0218	0.0215	110	108	-	52.0-162			130	20	
1,1,2,2-Tetrachloroethane	0.0201	<0.000596	0.0147	0.0142	73.1	70.6	-	46 0-157			3.16	0° 50	
1,1,2-Trichloroethane	0.0199	<0.00145	0.0208	0.0213	105	107		52.0-150			2.40	10	
1,1-Dichloroethane	0.0200	<0.00292	0.0214	0.0213	107	106	-	59 0-155			0.30	t 4	
1,1-Dichloroethene	0.0198	<0.00367	0.0228	0.0226	115	114		100-234			0.400	04 5	
1,2-Dichlorobenzene	0.0200	<0.00172	0.0223	0.0227	112	114		18 0-190			170	75	
1,2-Dichloroethane	0.0199	<0.00195	0.0217	0.0218	109	110		49 0-155			0.760)c	
1,2-Dichloropropane	0.0199	<0.000804	0.0219	0.0219	110	110		100-210			0000	£ 1	
1,3-Dichlorobenzene	0.0199	<0.00419	0.0222	0.0228	112	115	–	59 0-156			2.67	2 2	•
1,4-Dichlorobenzene	0.0200	<0.00173	0.0216	0.0221	108	=		18 0-190			2.38	? C	
2-Chloroethyl vinyl ether	0.100	<0.00652	0.0947	0.0902	94.7	90.2	-	100-305			67.7 V 87) F	
Acrolein	0.100	<0.00544	<0.00544	<0.00544	0.000	0.000		4.00-172	9	2	4.07	۲ کر	
Acrylonitrile	0.100	<0.00709	0.100	0.102	100	102	-	22.0-189			198	2 02	
Benzene	0.0200	<0.00207	0.0221	0.0222	ш	E	-	37.0-151			0.451	61	
Bromodichloromethane	0.0199	0.00643	0.0292	0.0302	114	119	-	35.0-155			3.37	- u	
Bromoform	0.0198	096000'0>	0.0213	0.0216	108	109	-	70.0-130			140	200	
Bromomethane	0.0200	<0.00347	0.0198	0.0200	0.66	100	-	15.0-185			101	7 5	
Carbon tetrachloride	0.0199	<0.00159	0.0219	0.0215	110	108	-	70.0-140			184	5 5	
Chlorobenzene	0.0198	<0.00276	0.0215	0.0216	109	109	-	37.0-160			0.464	F 12	
Chloroethane	0.0200	<0.00296	0.0200	0.0199	100	99.5	-	14.0-230			0.501	3 8	
Chloroform	0.0198	98600.0	0.0322	0.0322	113	113		51.0-138			0.00	2 2	
Chloromethane	0.0200	<0.00361	0.0221	0.0206	Ш	103	-	1.00-273			7.03	5 8	
cis-1,2-Dichloroethene	0.0200	<0.00113	0.0218	0.0217	109	109	-	70.0-130			0.460	2 2	
cis-1,3-Dichloropropene	0.0200	<0.00492	0.0196	0.0199	0.86	99.5	-	1.00-227			152	2 2	
Dibromochloromethane	0.0198	0.00340	0.0262	0.0267	115	118	-	53.0-149			189	3 5	
Ethylbenzene	0.0200	<0.000401	0.0222	0.0224	ш	112	•	37.0-162			0.897	3 29	
Methylene Chloride	0.0204	<0.0118	0.0190	0.0196	93.1	96.1	-	1.00-221	_	7	3.11	28	
Tetrachloroethene	0.0199	<0.00486	0.0221	0.0227	E	114	•	64.0-148		1	2.68	3 65	
Toluene	0.0200	<0.00219	0.0217	0.0219	109	110	-	47.0-150			716.0	41.	
Total 1,3-Dichloropropene	0.0401	<0.00372	0.0398	0.0401	99.3	100		70.0-130			0.751	F %	
trans-1,2-Dichloroethene	0.0200	<0.00501	0.0213	0.0210	106	105	-	54.0-156			142	45	
trans-1,3-Dichloropropene	0.0201	<0.00460	0.0202	0.0202	100	100		17.0-183			000 0	2 98	
Trichloroethene	0.0200	<0.00262	0.0280	0.0281	140	141	-	70.0-157			0.357	48	
Vinyl chloride	0.0200	<0.00466	0.0224	0.0217	112	109		1.00-251			3.17	99	
(S) 1,2-Dichloroethane-d4					98.8	101		70.0-130				3	
(S) 4-Bromofluorobenzene					67.6	98.3		70.0-130					
(S) Toluene-d8					98.8	6.96		70.0-130					

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L1733793 SDG:

PROJECT:

Holiday Beach WSC ACCOUNT:

QUALITY CONTROL SUMMARY 11733793-01 LCS Qualifier 0.0000500 0.0000500 0.0000500 0.0000500 0.0000000 0.00000000 0.0000000 0.0000500 0.0000500 0.000000.0 0.000000.0 Rec. Limits 0.00000500 0.000000.0 0.00000500 0.000000.0 0.000000.0 0.0000500 0.0000000 0.000000.0 0.000000.0 0.000000.0 0.000500 0.00500 10.0-135 42.0-140 37.0-140 10.0-144 17.0-147 19.0-140 0.0000209 0.0000208 0.0000198 0.0000198 0.0000160 0.0000237 0.0000219 0.0000176 0.0000154 0.0000162 0.0000164 0.0000217 0.0000148 0.0000193 0.0000198 0.0000150 0.0000183 0.0000137 0.0000149 0.0000172 0.0000177 0.0000161 0.000168 LCS Rec. 65.5 75.4 81.3 74.0 MB Qualifier LCS Result 0.000655 0.000813 0.000754 0.000740 Laboratory Control Sample (LCS) Pesticides (GC) by Method EPA 608.3 Spike Amount <0.0000208 <0.00000150 <0.0000209 <0.0000160 <0.0000237 <0.0000219 <0.0000149 <0.0000198 <0.0000198 <0.0000154 <0.0000198 <0.0000162 <0.0000164 <0.0000217 <0.0000161 :0.0000148 <0.0000183 <0.0000176 <0.0000193 <0.0000137 <0.0000172 77100000.0 <0.000168 0.00100 0.00100 0.00100 0.00100 (LCS) R4069003-2 05/12/24 17:00 (MB) R4069003-1 05/12/24 16:51 36.4 0.92 l/gm Method Blank (MB) WG2284804 (S) Tetrachloro-m-xylene (S) Decachlorobiphenyl Heptachlor epoxide Hexachlorobenzene gamma-Chlordane Endosulfan sulfate alpha-Chlordane Endrin aldehyde Endrin ketone Methoxychlor Endosulfan II Gamma BHC Endosulfan I Toxaphene Heptachlor Alpha BHC Delta BHC Delta BHC Beta BHC Alpha BHC Chlordane Beta BHC 4,4-DDD 4,4-DDE 4,4-DDT Dieldrin Analyte Endrin Aldrin

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PROJECT:

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ACCOUNT:

25.0-160

30.0-145

32.0-140

77.6

0.0000776

0.00100

Gamma BHC

4,4-DDD

4,4-DDE

4,4-DDT

31.0-141

69.5 59.2

0.000592

0.000591

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SUMMARY	
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Pesticides (GC) by Method EPA 608.3

Laboratory Control Sample (LCS)

Analyte Spike Amount LCS Result LCS Rec. Imits LCS Outline Dicidrin mg/l % % Dicidrin 0.00000 0.000757 75.7 36.0-146 Endosulfan II 0.00100 0.000777 75.7 45.0-153 Endosulfan Sulfate 0.00100 0.000777 75.7 26.0-144 Endosulfan Sulfate 0.00000 0.000777 77.7 26.0-128 Endosulfan Sulfate 0.00000 0.000777 77.7 26.0-128 Endrin Aldenyde 0.00000 0.000777 77.7 26.0-128 Endrin Aldenyde 0.00000 0.000777 77.7 26.0-128 Heptachlor epoxide 0.00000 0.00076 76.4 34.0-42 Hexachlorobenzene 0.00000 0.00076 76.4 35.0-120 Methoxychlor 0.00000 0.00076 76.4 44.0-160 gamma-Chlordane 0.00000 0.000068 68.6 45.0-40 sipha-Chlordane 0.00000 0.000068 68.2	(LCS) R4069003-2 05/12/24 17:00	2/24 17:00					
mg/l mg/l % % 0.00100 0.000757 75.7 36.0-146 1 0.00100 0.000757 75.7 45.0-163 II 0.00100 0.000757 75.7 45.0-163 sulfate 0.00100 0.000757 75.7 26.0-144 no 0.00100 0.000777 77.7 30.0-147 ne 0.00100 0.000741 74.1 56.0-128 ne 0.00100 0.000764 76.6 34.0-140 epoxide 0.00100 0.000764 76.4 37.0-142 benzene 0.00100 0.000764 76.4 37.0-142 or 0.00100 0.000763 76.3 35.0-120 or 0.00100 0.000763 76.3 35.0-140 dane 0.00100 0.000686 68.6 45.0-140 hilorobiphenyl 32.2 10.0-144 hiloro-m-xylene 65.1 10.0-135		Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
1 0.00100 0.000757 75.7 11 0.00100 0.000757 75.7 11 0.00100 0.000757 75.7 15.7 11 0.00100 0.000757 75.7 15.7 15.7 15.7 15.7 15.7 15.7 1	Analyte	l/gm	l/gm	%	%		
I 0.00100 0.000757 75.7 sulfate 0.00100 0.000797 79.7 sulfate 0.00100 0.000757 75.7 nyde 0.00100 0.000771 77.7 nyde 0.00100 0.000741 74.1 ne 0.00100 0.000764 76.4 epoxide 0.00100 0.000764 76.3 benzene 0.00100 0.000763 76.3 or 0.00100 0.000763 76.3 dane 0.00100 0.000686 68.6 dane 0.00100 0.000682 68.5 hilorobiphenyl 32.2 hiloro-m-xylene 65.1	Dieldrin	0.00100	0.000757	75.7	36.0-146	And the second s	
III 0.00100 0.00037 79.7 sulfate 0.00100 0.000757 75.7 hyde 0.00100 0.000777 77.7 ne 0.00100 0.000741 74.1 ne 0.00100 0.000764 74.1 epoxide 0.00100 0.000764 76.4 benzene 0.00100 0.000763 76.3 or 0.00100 0.000763 76.3 or 0.00100 0.000768 68.6 dane 0.00100 0.000686 68.6 hilorobiphenyl 32.2 hiloro-m-xylene 65.1	Endosulfan I		0.000757	75.7	45.0-153		
sulfate 0.00100 0.000757 75.7 0,00100 0,000777 77.7 ne 0,00100 0,000741 74.1 ne 0,00100 0,000812 81.2 epoxide 0,00100 0,000764 76.4 benzene 0,00100 0,000763 76.3 or dane 0,00100 0,000732 73.2 dane 0,00100 0,000686 68.6 dane 0,00100 0,000682 68.2 hlorobiphenyl 32.2 hloro-m-xylene 65.1	Endosulfan II		0.000797	79.7	1.00-202		
hyde 0.00100 0.000777 77.7 ne 0.00100 0.000741 74.1 ne 0.00100 0.000812 81.2 0.00100 0.000706 70.6 epoxide 0.00100 0.000764 76.3 benzene 0.00100 0.000763 76.3 or 0.00100 0.000732 73.2 dane 0.00100 0.000686 68.6 hlorobiphenyl 32.2 hloro-m-xylene 65.1	Endosulfan sulfate		0.000757	75.7	26.0-144		
hyde 0.00100 0.000741 74.1 ne 0.00100 0.000812 81.2 0.00100 0.000706 70.6 epoxide 0.00100 0.000764 76.4 benzene 0.00100 0.000763 76.3 or 0.00100 0.000732 73.2 ordane 0.00100 0.000686 68.6 dane 0.00100 0.000682 68.2 hloro-m-xylene 65.1	Endrin	0.00100	0.000777	7.77	30.0-147		
0.00100 0.000812 81.2 0.00100 0.000706 70.6 zene 0.00100 0.000764 76.4 zene 0.00100 0.000763 76.3 ine 0.00100 0.000786 68.6 e 0.00100 0.000682 68.6 objphenyl 32.2 o-m-xylene 65.1	Endrin aldehyde	0.00100	0.000741	74.1	56.0-128		
oxide 0.00100 0.000706 70.6 nzene 0.00100 0.000764 76.4 nzene 0.00100 0.000763 76.3 dane 0.00100 0.000686 68.6 ne 0.00100 0.000682 68.2 probliphenyl 32.2 pronom-xylene 65.1	Endrin ketone		0.000812	81.2	54.0-142		
0.00100 0.000764 76.4 0.00100 0.000763 76.3 0.00100 0.000732 73.2 0.00100 0.000686 68.6 0.00100 0.000682 68.2 eny/ 32.2 gylene 65.1	Heptachlor		0.000706	70.6	34.0-140		
0.00100 0.00063 76.3 0.00100 0.000732 73.2 0.00100 0.000686 68.6 0.00100 0.000682 68.2 Penyl 32.2 vylene 65.1	Heptachlor epoxide		0.000764	76.4	37.0-142		*
e 0.00100 0.000732 73.2 e 0.00100 0.000686 68.6 0.00100 0.000682 68.2 piphenyl 32.2 m-xylene 65.1	Hexachlorobenzene	0.00100	0.000763	76.3	35.0-120		
e 0.00100 0.000686 68.6 0.00100 0.000682 68.2 hiphenyl 32.2 m-xylene 65.1	Methoxychlor	0.00100	0.000732	73.2	44.0-160		
0.00100 0.000682 68.2 aiphenyl 32.2 m-xylene 65.1	gamma-Chlordane	0.00100	0.000686	68.6	45.0-140		
32.2	alpha-Chlordane	0.00100	0.000682	68.2	45.0-140		
65.1	(S) Decachlorobiphenyl			32.2	10.0-144		
	(S) Tetrachloro-m-xylene			65.1	10.0-135		

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L1733793-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

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	Spike Amount	Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	NPD	PDD Limits	
Analyte	l/gm	mg/l	mg/l	l/gm	%	%		%			5 96 7	S	
Aldrin	0.00100	<0.0000198	0.000844	0.000765	84.4	76.5		42 0-140			000	و د	
Alpha BHC	0.00100	<0.0000172	0.000823	0.000752	82.3	75.2		37 0.140			20.0	33	
Beta BHC	0.00100	<0.0000208	0.000868	0.000793	86.8	79.3		77.0.17			3.02	g; 39	
Delta BHC	0.00100	<0.0000150	0.000816	0.000732	81.6	73.2	- 1	19 0-140			3.03	\$ [
Gamma BHC	0.00100	<0.0000209	0.000842	0.000764	84.2	76.4		32 0-140			6.01	25	
4,4-000	0.00100	<0.0000177	0.000835	0.000773	83.5	77.3		31 0-141			17.6	66	
4,4-DDE	0.00100	<0.0000154	0.000835	0.000757	83.5	75.7		30 0-145			1/'/	35 3F	
4,4-DDT	0.00100	<0.0000198	0.000836	0.000779	83.6	77.9	_	25.0-160			7.06	33	
Dieldrin	0.00100	<0.0000162	0.000857	0.000781	85.7	78.1		36.0-146			90.0	42	
Endosulfan I	0.00100	<0.0000160	0.000847	0.000761	84.7	76.1		45.0-153			7.01	Ç 00	
Endosulfan II	0.00100	<0.0000164	0.000855	0.000781	85.5	78.1		100-202			0.05	07 [
Endosulfan sulfate	0.00100	<0.0000217	0.000820	0.000751	82.0	75.1		26.0144			0.0	23	
Endrin	0.00100	<0.0000161	0.000879	0.000814	87.9	81.4		741-0.02			8.78	æ :	
Endrin aldehyde	0.00100	<0.0000237	0.000794	0.000731	79.4	72.1		741-0.00			7.68	48	
Endrin ketone	0.00100	<0.0000219	0.000872	0.000801	87.2	80.1		20.0-120			97.8	50	
Heptachlor	0.00100	<0.0000148	0.000860	0.000793	86.0	79.3		34.0-142			8.49	20	
Heptachlor epoxide	0.00100	<0.0000183	0.000852	0.000779	85.2	77.9	- (-	37 0-142			- O O	43	
Hexachlorobenzene	0.00100	<0.0000176	0.000859	0.000783	85.9	78.3	-	35.0-120			9.76	25	

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DATE/TIME: 06/06/24 14:29

L1733793

PROJECT:

ACCOUNT: Holiday Beach WSC

Pesticides (GC) by Method EPA 608.3 WG2284804

QUALITY CONTROL SUMMARY . L1733793-01

L1733793-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1733793-01 05/12/2	4 17:18 • (MS) R4	069003-3 05/1	12/24 17:26 • (1	MSD) R406900	3-4 05/12/24	17:35						
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	l/gm	l/gm	mg/l	mg/l	% %	%		30			,oo	9 ₆
Methoxychlor	0.00100	<0.0000193	0.000890	0.000833	0.68	83.3	-	44.0-160			6.62	22
gamma-Chlordane	0.00100	<0.00000137	0.000848	0.000773	84.8	77.3		45.0-140			9.25	35
alpha-Chlordane 0.00100 <0.0000149 0.000832 0.000757 83.2 75.7	0.00100	<0.0000149	0.000832	0.000757	83.2	75.7	_	1 45.0-140			9.44	35
(S) Decachlorobiphenyl					71.1	68.5		10.0-144				
(S) Tetrachloro-m-xylene					75.4	69.2		10.0-135				

S S S S S S S S S S S S S S S S S S S	2	0	Ss	C	Sr	Oc	<u>5</u>	₹	Sc
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Holiday Beach WSC ACCOUNT:

PROJECT:

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Polychlorinated Biphenyls (GC) by Method EPA-608.3

Method Blank (MB)

Analyte MB Result MB Dualifier MB MDL MB RDL Analyte mg/l mg/l mg/l mg/l PCB 1016 <a.o.oooz70< td=""> 0.000270 0.000500 PCB 1221 <a.o.oooz70< td=""> 0.000270 0.000500 PCB 1232 <a.o.oooz70< td=""> 0.000500 0.000500 PCB 1248 <a.o.ooox70< td=""> 0.000500 PCB 1248 <a.o.ooox70< td=""> 0.000500 PCB 1248 <a.o.ooox70< td=""> 0.000500 PCB 1248 <a.o.ooo0773< td=""> 0.000500 PCB 1248 <a.o.ooo0773< td=""> 0.000500 In On 144 0.000500 In On 144 0.000473</a.o.ooo0773<></a.o.ooo0773<></a.o.ooox70<></a.o.ooox70<></a.o.ooox70<></a.o.ooox70<></a.o.ooox70<></a.o.ooox70<></a.o.ooox70<></a.o.ooox70<></a.o.oooz70<></a.o.oooz70<></a.o.oooz70<>	(MB) R4069003-1 05/12/24 16:51	/24 16:51										
mg/l mg/l co.000270 co.000270 co.000270 co.000270 co.000270 co.000270 co.000270 co.000270 co.000773 co.000173 co.000		MB Result	MB Qualifier	MB MDL	MB RDL							
 <0.000270 <0.000270 <0.000270 <0.000270 <0.000270 <0.000270 <0.000270 <0.000073 <0.000173 <0.000173 <0.000173 <0.000173 <0.000173 <0.000173 <0.000173 <0.000173 	Analyte	l/gm		∥/gm	l/gm							
 <0,000270 <0,000270 <0,000270 <0,000270 <0,000073 <0,000173 <0,000173 <0,000173 <0,000173 <0,000173 <0,000173 <0,000173 <0,000173 <0,000173 	PCB 1016	<0.000270		0.000270	0.000500	the state of the s	on board on the second	 -				
 <0.000270 <0.000270 <0.000270 <0.000173 	PCB 1221	<0.000270		0.000270	0.000500							
 <0.000270 <0.000173 	PCB 1232	<0.000270		0.000270	0.000500							
 <0.000173 	PCB 1242	<0.000270		0.000270	0.000500							
 <0.000173 <0.000173 <0.000173 <0.000173 <0.000173 <0.000173 <0.000173 <0.000173 	PCB 1248	<0.000173		0.000173	0.000500							
 <0.000173 <0.000173	PCB 1254	<0.000173		0.000173	0.000500							
<0.000173chlorobiphenyl39.6chloro-m-xylene83.6	PCB 1260	<0.000173		0.000173	0.000500							
39.6 9 83.6	Total PCBs	<0.000173		0.000173	0.000500							
83.6	(S) Decachlorobiphenyl	39.6			10.0-144							
	(S) Tetrachloro-m-xylene	83.6			10.0-135							

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Laboratory Control Sample (LCS)

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	LCS Qualifier					
	Rec. Limits	%	50.0-140	8.00-140	10.0-144	10.0-135
	LCS Rec.	%	106	93.6	59.2	79.7
	LCS Result	l/gm	0.00264	0.00234		
/24 17:09	Spike Amount	mg/l	0.00250	0.00250		
(LCS) K4069003-5 05/12/24 17:09		Analyte	PCB 1016	PCB 1260	(S) Decachlorobiphenyl	(S) Tetrachloro-m-xylene
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L1733793-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1733793-01 05/12/24 17:18 • (MS) R4069003-6 05/12/24 17:44 • (MSD) R4069003-7 05/12/24 17:53	1 05/12/24 17:18 • (MS) R4069003-6 05/12/24 17:44 • (MS	4069003-6 05	/12/24 17:44 •	(MSD) R40690	03-7 05/12/2	4 17:53							
	Spike Amount	Spike Amount Original Result MS Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	SPD Limits	
Analyte	mg/l	mg/l	l/gm	l/gm	%	%		%) (% % 2	
PCB 1016	0.00250	<0.000270	0.00290	0.00257	116	103		50.0-140			101	35	
PCB 1260	0.00250	<0.000173	0.00250	0.00231	100	92.4		8 00-140			7.90	00000	
(S) Decachlorobiphenyl					86.7	80.6		10.0-144			96.	000	
(S) Tetrachloro-m-xylene					88.0	70.4		10.0-135					

Semi Volatile Organic Compounds (GC/MS) by Method 625.1 WG2283837

QUALITY CONTROL SUMMARY

0.00250

0.00132

<0.00159 <0.00168 <0.00170 <0.00184 <0.00116

<0.00132

1,2,4,5-Tetrachlorobenzene

1,2,4-Trichlorobenzene

1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene <0.000820

<0.00142

<0.00115

2,4-Dinitrophenol 2,4-Dinitrotoluene

<0.00193 <0.00179

2,2-Oxybis(1-Chloropropane)

2,4,6-Trichlorophenol

2,4-Dichlorophenol 2,4-Dimethylphenol

2,4,5-Trichlorophenol

<0.00265

<0.00107

2,6-Dichlorophenol

2,6-Dinitrotoluene

<0.000820 <0.000760

<0.00143

2-Chloronaphthalene

2-Chlorophenol 2-Methylphenol

<0.00181

<0.000767 <0.00265

<0.00169

<0.00104 <0.000865

4-Bromophenyl-phenylether

4-Chloro-3-methylphenol

4,6-Dinitro-2-methylphenol

3,3-Dichlorobenzidine

3&4-Methyl Phenol

2-Nitrophenol

<0.00140

4-Chlorophenyl-phenylether

<0.00164 <0.00134

<0.00150

MB RDL mg/l

MB MDL mg/l

MB Qualifier

(MB) R4068866-1 05/10/2417:20 Method Blank (MB)

L1733793-01

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																																					PAGE	42 of 69	
				,																				*													DATE/TIME:	06/06/24 14:29	
																																					SDG:	1733793	
0.00230	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	0.00500	0.00500	0.00500	0.00250	0.00500	0.00250	0.00500	0.00250	0.00250	0.00500	0.00500	0.00250	0.00250	0.00250	0.00500	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	0.0100	0.00250	0.00250	0.00250	0.00250	0.00250	0.0100	0.00250	PROJECT:		
0.00132	0.00159	0.00188	0.00170	0.00116	0.00193	0.00179	0.000820	0.00142	0.00115	0.00265	0.00107	0.00181	0.00143	0.000320	0.00169	0.000767	0.00265	0.00150	0.00104	0.000865	0.00140	0.00164	0.00134	0.00134	0.000788	9690000	0.000536	0.00167	0.00311	0.000933	0.000941	0.00102	0.00101	0.000934	0.00657	0.00143			
																																						U	

>0.000696

Alpha-Terpineol

<0.000788

<0.00134

Acenaphthylene

Acetophenone

Acenaphthene

4-Nitrophenol

<0.000536

<0.00167 <0.00311

<0.00111

Anthracene

Aniline

Holiday Beach WSC

ACCOUNT:

<0.000934

Benzo(k)fluoranthene

<0.00657

<0.00143

Benzylbutyl phthalate

Benzoic acid

<0.000933

Benzo(a)anthracene

Benzidine Atrazine

Benzo(a)pyrene

<0.000941

<0.00102

Benzo(b)fluoranthene

Benzo(g,h,i)penylene

<0.00101

Method Blank (MB)

MB boulfiles MB MU							
Image: Control		MB Result	MB Qualifier	MB MDL	MB RDL		
Compariment	Analyte	l/gm		mg/l	l/gm		
Control Cont	Bis(2-chlorethoxy)methane	<0.000991	and the second s	0.000991	0.00250		
No.	Bis(2-chloroethyl)ether			0.00101	0.00250		
Pay(pit/libite 40,0038	Bis(2-chloroisopropyl)ether			0.00116	0.00250		
40 00006 0 000050 0 000050 phthalatier -0 00002 0 000050 0 000050 phthalatier -0 000704 0 000050 0 000050 phthalatier -0 000703 0 000700 0 000050 phthalatier -0 000701 0 000700 0 000250 phthalatier -0 000701 0 000070 0 000050 companies -0 000701 0 000070 0 000050 companies -0 00017 0 000070 0 000050 companies -0 00071 0 000070 0 000050 companies -0 000707 0 000070 0 000050 companies -0 000707 0 000050 0 000050 companies -0 000707 0 000050 0 000050 companies -0 000070	Bis(2-Ethylhexyl)phthalate	<0.00318		0.00318	0.00500		
40 000024 0.000024 0.000250 0.000250 pullballatie <0.00774 0.007260 0.00250 pullballatie <0.00774 0.00776 0.00250 pullballatie <0.00777 0.00775 0.00250 pullballatie <0.007073 0.000250 0.00250 pullballatie <0.000778 0.000250 0.000250 pullballatie <0.000774 0.000750 0.000250 c-1.3-butcheen <0.000774 0.000750 0.000250 c-1.3-butcheen <0.000774 0.000750 0.000250 copplementation <0.000774 0.000750 0.000250 copplement <0.000778 0.000750 0.000250 3-cdipyrene <0.000789 0.000580 0.000580 4-butcheanine <0.000787 0.000580 0.000580 5-cdipyrene <0.000789 0.000580 0.000580 1-butchiamine <0.000780 0.000580 0.000580 1-butchiamine <0.000780 0.000580 0.000580	Carbazole	<0.00106		0.00106	0.00250		
philabilatie -0.00120 0.00250 Processor philabilatie -0.00174 0.00250 Processor and philabilatie -0.00170 0.00250 Processor and philabilatie -0.000720 0.00250 Processor and philabilatie -0.000731 0.000250 Processor and philabilaties -0.000747 0.000250 Processor and philabilaties -0.000747 0.000750 0.000250 and philabilaties -0.00074 0.000250 0.000250 and philabilaties -0.000754 0.000250 0.000250 and philabilaties -0.000754 0.000250 0.000250 and philabilaties -0.000754 0.000250 0.000250 and philabilaties -0.00075	Chrysene	<0.00102		0.00102	0.00250		
pulmbilatie 0.000704 0.00250 pulmbilatie 0.000100 0.00250 ran -0.00101 0.00250 main -0.000878 0.00250 mistalie -0.000878 0.00250 ne -0.000878 0.00250 ne -0.00077 0.00077 ne -0.00078 0.00250 ne -0.00078 0.00250 ne -0.00078 0.00250 op-topentadiene -0.00775 0.00250 op-topentadiene -0.00775 0.00250 op-topentadiene -0.00777 0.00775 op-topentadiene -0.00778 0.00250 en-topentadiene -0.00778 0.00250 en-topentadiene -0.00778 0.00250 en-topentadiene -0.00778 0.00250 en-topentadiene -0.00788 0.00250 en-topentadiene -0.00788 0.00250 en-topentadiene -0.000789 0.00250 en-topentadiene -0.000789 0.	Di-n-butyl phthalate	<0.00120		0.00120	0.00250		
Apartila concert -0.00010 0.00250 and	Di-n-octyl phthalate	<0.00174		0.00174	0.00250		
Accordance Acc	Dibenz(a,h)anthracene	<0.00110		0.00110	0.00250		
Inhalate -0.000915 0.000905 0.000350 Inhalate -0.000878 0.000987 0.000350 nne -0.00071 0.00076 0.000350 -0.13-burladene -0.00077 0.00077 0.00050 ocyclopentalorine -0.00077 0.00077 0.00050 ocyclopentalorine -0.00078 0.00050 0.00050 ocyclopentalorine -0.00078 0.00050 0.00050 ocyclopentalorine -0.00078 0.00050 0.00050 e-complement -0.00078 0.00050 0.00050 e-complement -0.00078 0.00050 0.00050 e-complement -0.00078 0.00050 0.00050 e-complement -0.00079 0.00050 0.00050 e-complement -0.00070 0.000070 0.00050 e-complement -0.00070 0.00050 0.00050 e-complement -0.00070 0.00050 0.00050 e-complement -0.00070 0.00050 0.00050 e-complem	Dibenzofuran	<0.00120		0.00120	0.00250		
hthielete	Diethyl phthalate	<0.000915		0.000915	0.00250		
10,00014 0,00014 0,000260	Dimethyl phthalate	<0.000878		0.000878	0.00250		
4.3-butadene 4.0 00351 0.000350 ochtackene 4.0 00776 0.000750 0.000250 obertreene 4.0 00777 0.00077 0.000250 ochtackene 4.0 0078 0.000250 0.000250 ochtackene 4.0 00784 0.0 00250 0.000250 ochtackene 4.0 00784 0.0 00250 0.000250 e 4.0 00788 0.0 00750 0.0 00250 e 4.0 00789 0.0 00750 0.0 00250 inhehylamine 4.0 00072 0.0 00050 0.0 00250 inhehylamine 4.0 00057 0.0 00050 0.0 00250 inhehylamine 4.0 00057 0.0 00050 0.0 00250 ine 4.0 00078 0.0 00050 0.0 00250 ine 4.0 00078 0.0 000250 0.0 00250 ine 4.0 00078 0.0 000260	Fluoranthene	<0.00114		0.00114	0.00250		
con-13-buildeline -0.00076 0.00250 cond-13-buildeline -0.000972 0.00250 concellation -0.000972 0.00050 concellation -0.00188 0.000560 concellation -0.00183 0.000580 concellation -0.000587 0.000580 concellation -0.000587 0.000580 coloration 0.000580 0.000580 coloration 0.000580 0.000580 cache -0.00124 0.00124 0.00250 cache -0.00124 0.00124 0.00250 cache -0.00124 0.00124	Fluorene	<0.00131		0.00131	0.00250		
condentations 40,000972 0,00050 0,00050 condigentalisations -0,00177 0,0017 0,0007 concellations -0,00174 0,0074 0,00250 12,3-cdipyrane -0,00084 0,00056 0,00250 12,3-cdipyrane -0,00083 0,00056 0,00056 ordinalitylamine -0,00178 0,00050 0,00056 odishiylamine -0,00178 0,00075 0,00056 odinehlylamine -0,00177 0,00077 0,00056 odinehlylamine -0,000175 0,00067 0,00250 odinehlylamine -0,000178 0,00067 0,00250 odinehlylamine -0,000178 0,00067 0,00250 odinehlylamine -0,000178 0,000780 0,00250	Hexachloro-1,3-butadiene	<0.00176		0.00176	0.00250		
oncorlogonal diene 4,00117 0,00107 0,00108 concelhaine 40,00184 0,00188 0,00250 concelhaine 40,00184 0,000384 0,000350 L23-cdipyreine 40,00183 0,000384 0,000350 oil colinary diamine 40,000183 0,000350 0,000350 odi-typopylamine 40,000055 0,000073 0,000350 odiphylamine 40,000057 0,000057 0,000350 odiphylamine 40,000057 0,000057 0,000350 odiphylamine 40,000057 0,000057 0,000350 odiphylamine 40,000057 0,000057 0,000350 odiphylamine 40,000057 0,000050 0,000350 odiphylamine 40,000057 0,000360 0,000350 odiphylamine 40,00014 0,00038 0,000350 oliophericale 40,00014 0,00038 0,000360 oliophericale 40,00014 0,00038 0,000360 oliophericale 40,00014 0,00038 0,000360	Hexachlorobenzene			0.000972	0.00250		
onoellaliane 40,00188 0,000188 0,000180 ceryllyydrazine 40,000124 N.2 0,000250 12,3-cdpyrene 40,000183 0,000384 0,000360 od-hybydanine 40,000183 0,00075 0,000250 od-hypoplyalmine 40,000735 0,00077 0,000250 odichyproplyalmine 40,000735 0,00077 0,000250 odichyproplyalmine 40,000037 0,000037 0,000250 odichyproplyalmine 40,000037 0,000037 0,000250 odichyproplyalmine 40,000037 0,000037 0,000250 odichyproplyalmine 40,000037 0,000037 0,000250 odichyproplyalmine 40,000037 0,000250 0,000250 odichyproplyalmine 40,000134 0,000124 0,000250 ceale 40,000134 0,000134 0,000250 0,000250 ceale 40,000134 0,000134 0,000250 0,000250 ceale 40,000134 0,000134 0,000250 0,000250 colo	Hexachlorocyclopentadiene			0.00117	0.0100		
tenythydrazine <0,000124 NLZ 0,00250 1,2,3-cdipyrene <0,000984	Hexachloroethane	<0.00188		0.00188	0.00250		
12.3-cdipyrene <0,000984 0,000560 none <0,000183 0,000550 coloris 0,00058 0,00250 odi-bulylamine <0,000173 0,00057 odi-propylamine <0,000073 0,00050 odi-propylamine <0,0000551 0,00050 odiphenylamine <0,0000551 0,00050 odiphenylamine <0,0000561 0,00050 odiphenylamine <0,000561 0,00050 odiphenylamine <0,000561 0,00050 odiphenylamine <0,000563 0,00050 odiphenylamine <0,000563 0,00050 odiphenylamine <0,000728 0,00250 ceane <0,000178 0,000250 nenol <0,00174 0,000260 odiodothenol <0,000174 0,000260 odiodothenol <0,000174 0,000260 odiodothenol <0,000174 0,000260 odiodothenol <0,000175 0,000260 odiodothenol <0,000175 0,000170 <	1,2-Diphenylhydrazine	<0.00124	N2	0.00124	0.00250		
one <0.00183 0.00150 0.00250 clip <0.00158 0.00250 0.00250 odin-bulylamine <0.000735 0.00250 0.00250 odie-propylamine <0.000057 0.00050 0.00250 odie-propylamine <0.000057 0.00050 0.00250 odie-propylamine <0.000057 0.00050 0.00250 odie-propylamine <0.000057 0.00050 0.00250 odie-propylamine <0.000057 0.000250 0.00250 cecan <0.000057 0.000250 0.00250 cecan <0.000128 0.000250 0.00250 risen <0.00124 0.00250 0.00250 risen <0.00124 0.00250 0.00250 thrend <0.00134 0.000260 0.00250 threne <0.00134 0.00013 0.000250 doughtenol <0.00171 0.000250 0.00250 doughtenol <0.00172 0.00050 0.00250 doughtenol <0.00172	Indeno(1,2,3-cd)pyrene	<0.000984		0.000984	0.00250		
tile <0,00158 0,00158 0,00050 odf-h-bulyamine <0,000735 0,00050 0,00050 odf-h-bulyamine <0,000107 0,00050 0,00050 odf-h-pulyamine <0,0001051 0,00050 0,00050 odiff-pulyamine <0,0001051 0,00050 0,00050 odiff-pulyamine <0,0001051 0,00050 0,00050 ecane <0,000128 0,00050 0,00050 ecane <0,000128 0,00020 0,00050 rane <0,000124 0,00020 0,00050 rane <0,000124 0,00020 0,00050 rane <0,000124 0,00020 0,00050 rane <0,000124 0,000124 0,00050 rane <0,000124 0,000126 0,00050 rane <0,000134 0,000134 0,00050 rane <0,000134 0,000130 0,00050 rane <0,000134 0,000130 0,00050 rane <0,00013 0,000130 <	Isophorone	<0.00183		0.00183	0.00250		
odi-h-bulkjamine <0,000735 0,000250 0,000250 odi-h-propylamine <0,000925 0,000250 0,000250 odimethyjamine <0,000925 0,000250 0,000250 odimethyjamine <0,000651 0,000550 0,000250 odimethyjamine <0,000651 0,000520 0,000250 odimethyjamine <0,000128 0,000250 0,000250 ceane <0,000128 0,000250 0,000250 rend <0,000124 0,000250 0,000250 lorothericane <0,000134 0,000250 0,000250 lorothericane <0,000134 0,000250 0,000250 diorothericane <0,000134 0,000250 0,000250 diorothericane <0,000134 0,000250 0,000250 diorothericane <0,000137 0,000130 0,000250 diorothericane <0,000137 0,000130 0,000130 diorothericane <0,000137 0,000130 0,000130 diorothericane <0,000137 0,000130 0,00	n-Decane	<0.00158		0.00158	0.00250		
odipletty/amiline <0.00107 0.00025 0.00250 odiletty/amiline <0.000925	n-Nitrosodi-n-butylamine	<0.000735		0.000735	0.00250		
odiple-thylamiline <0,000925 0,00050 0,00050 odiple-thylamiline <0,000651 0,00050 0,00050 odiple-thylamiline <0,000651 0,00050 0,00050 ecane <0,0000829 0,00050 0,00050 nzene <0,000128 0,000200 0,000250 nzene <0,000124 0,000286 0,00050 nicrophenol <0,000134 0,000260 0,00050 licrophenol <0,00013 0,00013 0,00050 cloop odd <0,00013 0,00050 0,00050 cloop odd <0,00017 0,00050 0,00050 cloop odd <0,00017 0,00050 0,00050 cloop odd <0,0017 0,00050 0,00050 cloop odd <0,0017 0,00050 0,00050 cloop odd <0,0017 0,00050 0,00050 cloop odd <0,00017 0,00050 0,00050 cloop odd <0,0017 0,00050 0,00050 cloop odd <0,0017	n-Nitrosodi-n-propylamine	<0.00107		0.00107	0.00250		
odiphenylamine <0,000651 0,00250 odiphenylamine <0,000829 0,00020 0,00050 ecane <0,000128 0,00020 0,00050 alene <0,000124 0,00020 0,00050 nzene <0,00124 0,00026 0,00050 nerol <0,00124 0,00026 0,00050 lorophenol <0,00134 0,00036 0,00050 lorophenol <0,00134 0,00050 0,00050 threne <0,0013 0,00050 0,00050 chonnis 0,00013 0,00050 0,00050 desols <0,0017 0,00050 0,00050 desols <0,0017 0,00050 0,00050 desols <0,00153 0,00150 0,00050 desols <0,00153 0,00150 0,00050 desols <0,00153 0,00150 0,00050 desols <0,00153 0,00150 0,00050 Holician Boach McC <0,00050 0,00050 Holician Boach Mc	n-Nitrosodiethylamine	<0.000925		0.000925	0.00250		
odiphenylamine <0.000829 0.00250 ecane <0.00128 0.00250 alene <0.00200 0.00250 nzene <0.00124 0.00250 nzene <0.00124 0.00250 nenol <0.00286 0.00286 0.0050 nonophenol <0.00134 0.00134 0.0050 nonophenol <0.00134 0.00250 0.0050 threne <0.00133 0.0020 0.0050 chondis 0.0013 0.00250 0.00250 chondis 0.0015 0.00250 0.00250 chondis 0.0015 0.00250 0.00250 chondis 0.0015 0.00250 0.00250 chondis 0.0015 0.00250 0.00250 sols 0.00153 0.00153 0.00750 Accounts 26.0-102 26.0-102 Habitata beach MSC	n-Nitrosodimethylamine	<0.000651		0.000651	0.00250		
ecane <0.00128 0.00250 alene <0.00200 0.00250 nzene <0.00124 0.00250 nzene <0.00124 0.00250 nenol <0.00286 0.00500 lorobenzene <0.00134 0.00250 lorophenol <0.00210 0.00250 lorophenol <0.00133 0.00250 chromophenol <0.00173 0.00250 co.00175 0.00057 0.00250 esols <0.00173 0.00750 4.6-Tribromophenol 78.7 29.0-132 ACCOUNT: 26.0-102 Horiday Beach McSC PROJECT: SDG:	n-Nitrosodiphenylamine	<0.000829		0.000829	0.00250		
alene <0.00200 0.00250 nzene <0.00124	n-Octadecane	<0.00128		0.00128	0.00250		
ACCOUNT: ACCOUNT: 0.00124 0.00250 0.00250 0.00286 0.00286 0.00286 0.00280 0.00280 0.00280 0.00250 0.00250 0.00250 0.00250 0.00250 0.00250 0.00250 0.000967 0.00250 0.00250 0.000967 0.00250 0.00250 0.00250 0.0017 0.0017 0.00250 0.00250 0.0017 0.0017 0.00250 0.00150 0.00	Naphthalene	<0.00200		0.00200	0.00250		
Identify	Nitrobenzene	<0.00124		0.00124	0.00250		
lorobenzene	Nonyiphenol	<0.00286		0.00286	0.00500		
threne <0.00210 0.00200 0.00500 threne <0.00013 0.00250 <0.000143 0.00250 <0.00015 0.000250 <0.00115 0.000150 c0.00115 0.000150 c0.00117 0.00250 c0.00117 0.00150 cololling colo	Pentachlorobenzene	<0.00134		0.00134	0.00250		
40.00113 0.00113 0.00050 40.00967 0.000967 0.00050 40.00115 0.00115 0.00150 4.6-Tribromophenal 78.7 29.0-132 Fluorobiphenyl 81.6 26.0-102 ACCOUNT: PROJECT: SDG:	Pentachlorophenol	<0.00210		0.00210	0.00500		
<0.000967	Phenanthrene	<0.00113		0.00113	0.00250		
<0.00115	Phenol	<0.000967		0.000967	0.00250		
Co.0017 Co.00250	Pyrene	<0.00115		0.00115	0.00250		
 <0.00153 0.00150 biphenyl 81.6 ACCOUNT: PROJECT: SDG: \$0.00750 29.0-132 26.0-102 PROJECT: SDG:	Pyridine	<0.00117		0.00117	0.00250		
78.7 29.0-132 81.6 26.0-102 ACCOUNT: SDG:	Total Cresols			0.00153	0.00750		
ACCOUNT: PROJECT: SDG:	(S) 2,4,6-Tribromophenol				29.0-132		
PROJECT:	(S) 2-Fluorobiphenyl	81.6			26.0-102		
PROJECT: SDG:		ACCOUNT.			Action of States		
		ACCOON!			PROJECT:	SDG:	

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QUALITY CONTROL SUMMARY WG2283837

Semi Volatile Organic Compounds (GC/MS) by Method.625.1

Method Blank (MB)

	MB RDL	l/gm	0.099-0.01	15.0-106	10.0-120	10.0-54.0
	MB MDL	₩g/I				
	MB Qualifier					
1/24 17:20	MB Result	l/gm	44.7	84.2	8.06	31.5
(MB) R4068866-1 05/10/24 17:20		Analyte	(S) 2-Fluorophenol	(S) Nitrobenzene-d5	(S) p-Terphenyl-d14	(S) Phenol-d6

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06/06/24 14:29 DATE/TIME:

SDG: L1733793

PROJECT:

Holiday Beach WSC ACCOUNT:

CD

Laboratory Control Sample (LCS)

Laboratory Corrier Sample (ECS)	סמוווים (בל	(0)			
(LCS) R4068866-2 05/10/.	05/10/24 17:49				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm	l/gm	%	96	
1,2,4,5-Tetrachlorobenzene	0.0500	0.0356	71.2	31.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0378	75.6	44.0-142	
1,2-Dichlorobenzene	0.0500	0.0364	72.8	27.0-120	
1,3-Dichlorobenzene	0.0500	0.0358	71.6	26.0-120	
1,4-Dichlorobenzene	0.0500	0,0360	72.0	26.0-120	
2,2-Oxybis(1-Chloropropane)	0.0500	0.0372	74.4	36.0-166	
2,4,5-Trichlorophenol	0.0500	0.0396	79.2	44.0-124	
2,4,6-Trichlorophenol	0.0500	0.0392	78.4	37.0-144	
2,4-Dichlorophenol	0.0500	0.0360	72.0	39.0-135	
2,4-Dimethylphenol	0.0500	0.0386	77.2	32.0-120	
2,4-Dinitrophenol	0.0500	0.0335	67.0	1.00-191	
2,4-Dinitrotoluene	0.0500	0.0481	96.2	39.0-139	
2,6-Dichlorophenol	0.0500	0.0353	70.6	26.0-120	
2,6-Dinitrotoluene	0.0500	0.0440	88.0	50.0-158	
2-Chloronaphthalene	0.0500	0.0411	82.2	60.0-120	
2-Chlorophenol	0.0500	0.0318	63.6	23.0-134	
2-Methylphenol	0.0500	0.0303	9.09	26.0-120	
2-Nitrophenol	0.0500	0.0377	75.4	29.0-182	
3&4-Methyl Phenol	0.0500	0.0289	57.8	27.0-120	
3,3-Dichlorobenzidine	0.100	0.0888	88.8	1.00-262	
4,6-Dinitro-2-methylphenol	0.0500	0.0415	83.0	1.00-181	
4-Bromophenyl-phenylether	0.0500	0.0410	82.0	53.0-127	
4-Chloro-3-methylphenol	0.0500	0.0374	74.8	22.0-147	
4-Chlorophenyl-phenylether	0.0500	0.0431	86.2	25.0-158	
4-Nitrophenol	0.0500	0.0280	56.0	1.00-132	
Acenaphthene	0.0500	0.0409	81.8	47.0-145	
Acenaphthylene	0.0500	0.0423	84.6	33.0-145	
Acetophenone	0.0500	0.0380	76.0	28.0-120	
Alpha-Terpineol	0.0500	0.0408	81.6	30.0-120	

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Semi Volatile Organic Compounds (GC/MS) by Method 625.1

Laboratory Control Sample (LCS)

Spire security CSP sect March	C+: // +3/01/00 3 0000000 // (00-1)								
10,050,00 0,050,00	112	Spike Amount		LCS Rec.	Rec. Limits	LCS Qualifier			
out 0.050 0.0222 464 100-20 out 0.050 0.0283 886 100-20 out 0.050 0.088 887 3.08-48 out 0.00 0.005 0.005 87.2 3.08-48 out 0.00 0.005 0.005 9.00 2.08-42 3.08-48 out 0.00 0.005 0.005 0.005 9.00 10.002 3.00-42 out 0.00 0.005 0.004 0.007 0.007 9.00 10.002 out 0.00 0.005 0.006 0.007 9.00 10.002 9.00 out 0.00 0.007 0.007 9.00 10.002 9.00 10.002 out 0.00 0.007 0.007 9.00 10.002 9.00 10.002 out 0.00 0.007 0.007 0.007 0.002 9.002 10.002 out 0.00 0.007 0.007 0.002 0.002 9.002 10.002 out 0.00 0.007 0.007 0.002 <t< td=""><td>Analyte</td><td>mg/l</td><td>∥/gm</td><td>%</td><td>%</td><td></td><td></td><td></td><td></td></t<>	Analyte	mg/l	∥/gm	%	%				
10,000 0.0444 0.65 0.25 0.05 0.04 0.04 0.05 0.04 0.05 0.04 0.05 0.04 0.05 0.04 0.05 0.05	vniline	0.0500	0.0232	46.4	10.0-120				
0.0500 0.0441 0.044 0.	inthracene	0.0500	0.0448	9.68	27.0-133				
0.0500 0.0884 80.4 100.100 0.0500 80.000 80.000 80.000 80.000 80.000 0.0000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.000 80.0000 80.000 80.00000 80.00000 80.00000 80.00000 80.0000 80.0000 80.0000 80.0000 80.00000 80.0000 80.00000 80.0000	trazine	0.0500	0.0481	96.2	39.0-141				
0.0500 0.0465 910 33.043 0.0500 0.0561 910 0.33.043 0.0500 0.0561 972 240.058 0.0500 0.0547 88.4 100.29 0.0500 0.0547 88.4 100.29 0.0500 0.0587 74 100.29 0.0500 0.0588 972 100.68 0.0500 0.0589 972 100.68 0.0500 0.0589 972 100.68 0.0500 0.0589 972 100.50 0.0500 0.0589 973 100.20 0.0500 0.0589 973	lenzidine	0.100	0.0804	80.4	1.00-120				
0.0500 0.0466 97.2 40.1699 0.0466 97.2 40.1699 0.0046 98.2 10.0279 0.0046 98.2 10.0279 0.0050 0.0047 84.4 10.0279 0.0050 0.0048 97.2 36.168 0.0050 0.0050 0.0048 97.2 36.168 0.0050 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 0.0050 97.2 36.168 0.0050 97.2	lenzo(a)anthracene	0.0500	0.0455	91.0	33.0-143				
0.0500 0.0445 8.9.1 2.0.159 0.0500 0.0447 8.2 10.0239 0.0500 0.0447 8.2 10.0239 0.0500 0.0507 9.0 10.0220 0.0500 0.0387 74 10.0220 0.0500 0.0388 73 2.0.485 0.0500 0.0457 9.3 8.0.488 0.0500 0.0457 9.3 8.0.488 0.0500 0.0457 9.3 8.0.488 0.0500 0.0457 9.3 8.0.488 0.0500 0.0457 9.3 8.0.488 0.0500 0.0457 9.3 8.0.489 0.0500 0.0457 9.3 8.0.489 0.0500 0.0457 9.3 8.4 10.0220 0.0500 0.0458 8.8 4.0.249 0.0500 0.0458 7.8 8.4 10.0220 0.0500 0.0458 8.8 4.0.240 0.0500 0.0458 8.8 4.0.240 0.0500 0.0458 8.8 4.0.240 0.0500 0.0458 8.8 8.0.489 0.0500 0.0458 8.8 8.0.489 0.0500 0.0458 8.8 8.0.489 0.0500 0.0500 0.0458 8.8 8.0.489 0.05000 0.0500 0.05	lenzo(a)pyrene	0.0500	0.0501	100	17.0-163				
0.0500 0.0442 884 1.00,29 0.0500 0.0461 1.00,29 0.0450 0.0450 0.0500 0.0470 34,0 1.00-120 0.0450 0.0500 0.0436 77,2 32,0485 0.0450 0.0500 0.0485 77,4 30,0486 0.0450 0.0500 0.0485 77,4 30,0486 0.0450 0.0500 0.0485 97,4 1.00-120 0.0450 0.0500 0.0485 97,4 1.00-120 0.0450 0.0500 0.0487 97,4 1.00-120 0.0450 0.0500 0.0487 97,4 1.00-120 0.0450 0.0500 0.0487 97,4 1.00-120 0.0450 0.0500 0.0487 97,4 1.00-120 0.0450 0.0500 0.0487 97,4 1.00-120 0.0450 0.0500 0.0487 97,4 1.00-120 0.0450 0.0500 0.0481 92,4 1.00-120 0.0450 <td>lenzo(b)fluoranthene</td> <td>0.0500</td> <td>0.0486</td> <td>97.2</td> <td>24.0-159</td> <td></td> <td></td> <td></td> <td></td>	lenzo(b)fluoranthene	0.0500	0.0486	97.2	24.0-159				
0.0500 0.0461 9.22 110-82 0.0500 0.0701 41.6 100-170 0.0500 0.0397 73.4 100-28 0.0500 0.0397 73.4 100-28 0.0500 0.0455 73.4 30-485 0.0500 0.0455 91.8 460-18 0.0500 0.0455 91.0 17.046 0.0500 0.0457 93.4 400-18 0.0500 0.0457 93.4 400-18 0.0500 0.0457 93.4 400-18 0.0500 0.0457 93.4 400-12 0.0500 0.0457 93.4 100-12 0.0500 0.0454 92.8 100-12 0.0500 0.0442 92.4 100-12 0.0500 0.0442 92.4 100-12 0.0500 0.0442 92.4 100-12 0.0500 0.0442 82.4 100-12 0.0500 0.0442 82.4 100-12	lenzo(g,h,i)perylene	0.0500	0.0442	88.4	1.00-219				
0.0500 0.0478 0.0452 0.0552 0.	enzo(k)fluoranthene	0.0500	0.0461	92.2	11.0-162	* 18			
0.0500 0.0377 3.4 3.0.952 0.0500 0.0387 7.2 3.4 3.0.958 0.0500 0.0475 3.4 3.0.958 0.0500 0.0475 3.4 3.0.958 0.0500 0.0475 3.4 3.0.958 0.0500 0.0475 3.4 3.0.958 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0475 3.8 4.0.0420 0.0500 0.0478 3.8 5.0.0470 0.0500 0.0478 3.8 5.0.0	lenzoic acid	0.100	0.0116	11.6	10.0-120				
0.05600 0.03837 79,4 1.00.299 0.05600 0.03838 77,2 33.0485 0.05600 0.03838 77,2 33.0485 0.05600 0.03838 77,2 33.0485 0.05600 0.0466 97,8 8.00.458 0.05600 0.0466 97,8 8.00.458 0.05600 0.0466 97,8 8.00.458 0.05600 0.0464 97,8 1.00.420 0.05600 0.0464 97,8 1.00.420 0.05600 0.0464 97,8 1.00.420 0.05600 0.0464 97,8 1.00.420 0.05600 0.0464 97,8 1.00.420 0.05600 0.0467 88,4 20.420 0.05600 0.0467 88,4 20.420 0.05600 0.0467 88,4 20.420 0.05600 0.0467 88,4 20.420 0.05600 0.0467 88,4 20.420 0.05600 0.0467 88,4 20.420 0.05600 0.0468 97,8 20.420 0.05600 0.05600 0.0468 97,8 20.420 0.05600 0.05600 0.0468 97,8 20.420 0.05600 0.05600 0.0468 97,8 20.420 0.05600 0.05600 0.0468 97,8 20.420 0.05600 0.05600 0.05600 0.05600 0.0468 97,8 20.420 0.0560	lenzylbutyl phthalate	0.0500	0.0470	94.0	1.00-152				
0.0500 0.0386 77.2 33.0-85 0.0500 0.0488 77.2 33.0-85 0.0500 0.0487 95.2 8.0-86 0.0500 0.0487 95.2 8.0-86 0.0500 0.0487 95.8 10.0-146 0.0500 0.0487 95.8 10.0-27 0.0500 0.0487 95.8 10.0-27 0.0500 0.0487 95.8 10.0-20 0.0500 0.0487 95.8 10.0-20 0.0500 0.0487 95.8 10.0-20 0.0500 0.0487 95.8 10.0-20 0.0500 0.0487 95.8 10.0-20 0.0500 0.0487 95.8 10.0-20 0.0500 0.0487 95.8 10.0-20 0.0500 0.0487 95.8 10.0-20 0.0500 0.0487 95.8 10.0-20 0.0500 0.0488 95.8 10.	is(2-chlorethoxy)methane	0.0500	0.0397	79.4	1.00-219				
0.0500 0.0332 744 3.6.0-16 0.0500 0.0469 97.8 8.00-188 0.0500 0.0465 91.0 1.00-12 0.0500 0.0465 91.4 1.00-12 0.0500 0.0464 92.8 4.00-16 0.0500 0.0464 92.8 4.00-16 0.0500 0.0464 92.8 1.00-27 0.0500 0.0464 92.8 1.00-120 0.0500 0.0464 92.8 1.00-120 0.0500 0.0467 87.4 1.00-120 0.0500 0.0467 87.4 1.00-120 0.0500 0.0467 88.4 5.60-137 0.0500 0.0473 88.4 1.00-120 0.0500 0.0474 88.4 2.40-120 0.0500 0.0474 88.8 31.0-126 0.0500 0.0424 86.8 21.0-186 0.0500 0.0428 86.6 21.0-186 0.0500 0.0428 86.6 1.00	is(2-chloroethyl)ether	0.0500	0.0386	77.2	33.0-185				
10,500 0,0489 978 8,00-15	lis(2-chloroisopropyl)ether	0.0500	0.0372	74.4	36.0-166				
0.0500 0.0476 95.2 45.0-12 0.0500 0.0465 91.0 7.0-683 0.0500 0.0465 91.0 7.0-683 0.0500 0.0465 91.0 7.0-683 0.0500 0.0464 92.8 4.00-460 0.0500 0.0464 92.8 4.00-270 0.0500 0.0464 92.8 4.00-270 0.0500 0.0464 92.8 4.00-270 0.0500 0.0464 92.8 4.00-270 0.0500 0.0464 92.8 4.00-270 0.0500 0.0467 91.4 1.00-20 0.0500 0.0467 91.4 1.00-20 0.0500 0.0467 91.4 1.00-20 0.0500 0.0467 91.4 1.00-20 0.0500 0.0467 91.4 1.00-20 0.0500 0.0467 91.4 1.00-20 0.0500 0.0467 91.5 0.0-20 0.0467 92.2 1.00-77 0.0500 0.0467 92.2 1.00-77 0.0500 0.0467 92.2 1.00-77 0.0500 0.0467 92.2 1.00-77 0.0500 0.0467 92.5 1.00-20 0.0467 92.5 0.0467 92	is(2-Ethylhexyl)phthalate	0.0500	0.0489	97.8	8.00-158				
0.0500 0.0455 910 770-88 910 770-88 910 770-88 910 770-88 910 770-88 910 770-88 910 770-98 910 910-870 910-8	arbazole	0.0500	0.0476	95.2	45.0-121				
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0.0500 0.0473 95.8 4.00-146 0.0500 0.0464 92.8 1.00-277 0.0500 0.0464 92.8 1.00-277 0.0500 0.0464 92.8 1.00-277 0.0500 0.0464 92.8 1.00-120 0.0500 0.0437 81.4 1.00-120 0.0500 0.0437 81.4 1.00-120 0.0500 0.0437 81.4 1.00-120 0.0500 0.0437 81.4 1.00-120 0.0500 0.047 81.4 1.00-120 0.0500 0.047 81.4 1.00-120 0.0500 0.047 81.4 1.00-120 0.0500 0.047 81.4 1.00-120 0.0500 0.047 81.4 1.00-120 0.0500 0.047 81.5 1.00-120 0.0500 0.0481 92.2 1.00-171 0.0500 0.0481 92.2 1.00-171 0.0500 0.0481 85.6 1.00-230 0.0500 0.0481 85.6 1.00-230 0.0500	i-n-butyl phthalate	0.0500	0.0487	97.4	1.00-120				
0.0500 0.0464 92.8 1.00-227 1.00-227 1.00-227 1.00-227 1.00-227 1.00-227 1.00-227 1.00-227 1.00-227 1.00-220 1.00-2	i-n-octyl phthalate	0.0500	0.0479	95.8	4.00-146				
0.0500 0.0424 848 420-120 0.0500 0.0437 844 100-120 0.0500 0.0437 844 100-120 0.0500 0.0437 844 1.00-120 0.0500 0.0437 844 1.00-120 0.0500 0.0437 844 24.0-120 0.0500 0.0437 844 24.0-120 0.0500 0.0437 844 1.00-120 0.0500 0.0437 844 1.00-120 0.0500 0.0438 85 37.0-125 0.0500 0.0448 86 8 21.0-186 0.0500 0.0448 86 8 21.0-18 0.0500 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0448 86 8 1.00-120 0.0	Jibenz(a,h)anthracene	0.0500	0.0464	92.8	1.00-227				
0.0500 0.0464 92.8 1.00-120 0.0500 0.0464 92.8 1.00-120 0.0500 0.0473 87.4 1.00-120 0.0500 0.0447 87.4 1.00-120 0.0500 0.0442 88.4 2.60-137 87.4 1.00-152 0.0500 0.0442 88.4 2.40-120 0.0500 0.0442 88.4 2.40-120 0.0500 0.0452 87.8 1.00-152 0.0500 0.0453 87.8 37.0-125 0.0500 0.0451 88.8 37.0-125 0.0500 0.0451 88.8 37.0-126 0.0500 0.0451 88.8 37.0-126 0.0500 0.0451 88.8 37.0-126 0.0500 0.0451 88.5 1.00-230 0.0500 0.0428 88.5 1.00-230 0.0500 0.0428 88.5 1.00-230 0.0500 0.0428 88.5 1.00-230 0.0500 0.0428 88.5 1.00-230 0.0500 0.0428 88.5 1.00-230 0.0500 0.0428 88.5 1.00-230 0.0500 0.0500 0.0428 88.5 1.00-230 0.0500 0.0500 0.0428 88.5 1.00-230 0.0500 0	Jibenzofuran	0.0500	0.0424	84.8	42.0-120				
0.0500 0.0437 87.4 1.00-120 0.0500 0.0473 87.4 1.00-120 0.0500 0.0473 88.4 2.60-137 0.0500 0.0472 88.4 2.60-137 0.0500 0.0472 88.4 2.40-120 0.0500 0.0477 88.4 1.00-152 0.0500 0.0477 88.4 1.00-152 0.0500 0.0477 88.4 1.00-120 0.0500 0.0472 88.8 37.0-125 0.0500 0.0434 88.8 37.0-125 0.0500 0.0434 88.8 37.0-125 0.0500 0.0341 62.2 1.00-121 0.0500 0.0348 88.6 1.00-230 0.0500 0.0428 88.6 4.40-120 0.0500 0.0428 88.6 4.40-120 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0.0373 74.6 77.0-126 0.0500 0	iethyl phthalate	0.0500	0.0464	92.8	1.00-120				
0.0500 0.0479 95.8 26.0437 95.8 26.0437 95.8 26.0437 95.8 26.0437 95.8 26.0437 95.8 26.0421 95.00500 90.0442 88.4 24.0420 95.00500 90.0452 91.4 90.0452 91.4 90.0452 91.4 90.0452 91.4 90.0450 92.2 91.0477 91.4 90.0450 92.2	vimethyl phthalate	0.0500	0.0437	87.4	1.00-120				
0.0500 0.0442 88.4 59.0-121 59.0-121 59.0-121 59.0-121 59.0-121 59.0-121 59.0-121 59.0-120 59.0-1	luoranthene	0.0500	0.0479	95.8	26.0-137				
nne 0.0500 0.04392 78.4 24.0-120 diene 0.0500 0.0417 83.4 1.00-152 diene 0.0500 0.0457 91.4 1.00-152 0.0500 0.0450 91.4 1.00-173 N.2 0.0500 0.0434 86.8 21.0-196 N.2 0.0500 0.0431 62.2 1.00-177 N.2 nne 0.0500 0.0434 86.8 21.0-196 0.0500 0.0434 85.6 1.00-127 nine 0.0500 0.0435 85.6 1.00-230 e 0.0500 0.0438 85.6 1.00-420 e 0.0500 0.0438 85.6 1.00-420 e 0.0500 0.0438 85.6 44.0-120 e 0.0500 0.0438 85.6 44.0-120 e 0.0500 0.0438 85.6 1.00-420 e 0.0500 0.0339 78.2 21.0-133									

WG2283837

QUALITY CONTROL SUMMARY

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

Laboratory Control Sample (LCS)

(LCS) R4068866-2 05/10/24 17:49	/24 17:49		2		
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	l/gm	∥g/l	%	%	
Nitrobenzene	0.0500	0.0410	82.0	35.0-180	
Nonylphenol	0.0500	0.0516	103	57.0-136	
Pentachlorobenzene	0.0500	0.0394	78.8	10.0-151	
Pentachlorophenol	0.0500	0.0433	9.98	14.0-176	
Phenanthrene	0.0500	0.0428	85.6	54.0-120	
Phenol	0.0500	0.0168	33.6	5.00-120	
Pyrene	0.0500	0.0494	8.86	52.0-120	
Pyridine	0.0500	0.0162	32.4	10.0-120	
Total Cresols	0.100	0.0592	59.2	36.0-110	
(S) 2,4,6-Tribromophenol			88.4	29.0-132	
(S) 2-Fluorobiphenyl			80.2	26.0-102	
(S) 2-Fluorophenol			41.8	10.0-66.0	
(S) Nitrobenzene-d5			78.6	15.0-106	
(S) p-Terphenyl-d14			89.4	10.0-120	
(S) Phenol-d6			31.3	10.0-54.0	

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DATE/TIME: 06/06/24 14:29

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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a continue to the Conformance of the Co

Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.

be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.

This section of your report will provide the results of all testing performed on your samples. These results are provided Sample Results (Sr) by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.

This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and Sample Summary (Ss) times of preparation and/or analysis.

Qualifier Description

Е	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
N2	Analyte reported using a calibration and validation based on Azobenzene (CAS 103-33-3). 1,2-Diphenylhydrazine decomposes into Azobenzene during the analysis.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T8	Sample(s) received past/too close to holding time expiration.



Te

Ss

Cn

Sr

QC

GI

Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
laska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico 1	TN00003
Colorado	TN00003	New York .	11742
Connecticut	PH-0197	North Carolina	Env375
lorida	E87487	North Carolina 1	DW21704
Georgia	NELAP	North Carolina 3	41
Georgia 1	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Ilinois	200008	Oklahoma	9915
ndiana	C-TN-01	Oregon	TN200002
owa	364	Pennsylvania	68-02979
Cansas	E-10277	Rhode Island	LAO00356
Centucky 16	KY90010	South Carolina	84004002
Centucky ²	16	South Dakota	n/a
.ouisiana	Al30792	Tennessee 14	2006
ouisiana	LA018	Texas	T104704245-20-18
/laine	TN00003	Texas 5	LA80152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA - ISO 17025	1461.01	AIHA-LAP.LLC EMLAP	100789
A2LA - ISO 17025 5	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		



Arkansas	88-0647	Kansas	E10388
Florida	E871118	Texas	T104704232-23-39
lowa	408	Oklahoma	8727
Louisiana	30686		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable



















^{*} Not all certifications held by the laboratory are applicable to the results reported in the attached report.

^{*} Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:		Billing Information.	ation.								-			
Holiday Beach WSC		٥		100			Anal	Analysis / Container / Preservative	ainer / Pre	Servative			Chain of Custody Page L of a	
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PO Box 807 Fulton, TX 78358		Rockport, TX 78382	7X 78382	-							+		- Face'	
		mail To: wat	Email To: water@hbwsc.com		T								ALLEN, TX 400 W. Berhany Drive Suite 190 Allen, TX 75013	
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Holiday Beach WSC		Vernon Hale		2	Pres		118			C	
PO Box 807 Fulton, TX 78358		Z611 Rock	2611 Highway 35 Ne Rockport, TX 78382	35 North 8382	<u> </u>					PEOPLE ADVANCING	Pace:
Report to: Vernon Hale		Email	Email To: water@hbwso	hbwsc.com			X CKF			ALLEN, TX 200 W. Berhary Dive Suite 150 Alen, TX 75913 Submitting a sample was this chân of rusholy	, TX 30 Allen, TX 75013 hain of custody
Project Description:	Coll	City/State Collected:		Please Circle: PT MT CT E	Circle:		wil .			constitutes acknowledgment and acceptance of Pace Terms and Conditions found at: http://info.pace/abs.com/hubh/pa-standard- terms.pdf	and acceptance of the and at: bfs/pas-standard
Phone: 361-205-318 4	Client Project #		Lab Project #	#		VOSCI	Anna Palai	Control of the Contro		U) # 50cs	C173343
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* Matrix: SS-Soil AIR-Air F-Filter GW-Groundwater B-Bioassay WW-WasteWater	Remarks:		-					pH Temp.		Sample Receipt Checklist COC Seal Present/Intact: NP COC Signed/Accurate: Bottles arrive intact: Correct bottles used:	7,2,2,2,
DW - Drinking Water OT - Other	Samples returned via: UPS FedEx	Courier	Sayasa na fire to	Tracking # 7	1280	M182	9	beles	lio in	Sufficient volume sent: If Applicable VOA Zero Headspace:	\
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PACE ANALYTICAL PACE ANALYTICAL 400 W. BETHANY DR #190

ALLEN TX 75013

(972) 727 - 7128

Page 1991

SFORT SU-XT W TG

	Cooler Temp °C: (Recon	
'ded) 10, Z (Correction Factor) A.	Cooler Temp °C: 2 (Recoi	ving Lab 1 Thermometer Used:
		ved on ice: Wet d Blue a No ice
		ON Seal on Cooler/Box: Yes No
		SMIN WISH COSTL. :# Bu!
	PACE Other:	er: FedEX d UPS a USPS a Client a LSO a
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Issuing Authority: Pace Dallas Quality Office fqis nizuA it	Pocument No.: F-DAL-C-001-rev.14 Imple Condition Upon Rece	selled (A)

Date:	Labeling Person (if different than log-in):
Yes □ No ♂	Non-Conformance(s):
7	State Sampled:
\⊊ AN □'oN □ s9Y	Project sampled in USDA Regulated Area outside of Texas
□ AN □ ON □ S9Y	(mma<) AOV ni spackbesH
△ AN □ ON □ s∋Y	Unpreserved 5035A soil frozen within 48 hrs
Yes a No a No a	Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH)
□ AN □ ON □ S9Y □ AN □ ON □ S9Y	Sample pH Acceptable PH Strips: Residual Chlorine Present CI Strips: Sulfide Present Lead Acetate Strips:
□ ON \$ SƏX	Container Intact
□ ON □, SƏA	Correct Container used
□ on A səλ	Sufficient Volume received
	JUC/8/2 :eJEG Dete: 5/8/2/4
□ ON A SƏA	Short HT analyses (<72 hrs)
□ on /s səλ	Sampler name & signature on COC
∆es □ No □	Chain of Custody relinquished
	Triage Person: All Date: 518/1M
	Received on ice: Wet Blue No ice Cooler Temp Receiving Lab 2 Thermometer Used: Receiving Lab 2 Thermometer Used: Cooler Temp Temperature should be above freezing to 6°C unless collected san

Company Name/Address:			-			-	-				
Holiday Beach WSC	Vernon Hale	Pres			palveis /	Container	Analysis / Container / Preservativ	five	100	201-100	Chain of Custody Page Lof 3
PO Box 807 Fulton, TX 78358	2611 Highway 35 North Rockport, TX 78382	Chk									Расе.
Report to: Vernon Hale	Email To: water@hbwsc.com										ALLEN, TX 400 W. Bethany Drive Suite 150 Allen, IX 75033
Project Description: PERMAL CITY Phone: 361-205-3184 Citent Project #	WX4 City/State WX4 Collected: Rock POR Project #	Please Circle: PT MT CT ET				oAnZ+HOs			Pres		Selemiting a surrole via this chin of cuscopy constitutes activovideliment and accorpance of the Pare Firms and Contilions found as: https://finh.goordubs.com/hubh/pars.tandard- perma.god SDG # 7379GA
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	Matrix Depth Date	No. Of Time Cntrs			าวยกรา			LV624,	dinomic	SS slete	PB: Shipped Via: FedEX Ground
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Watrix. SS-Soil AIR-Air F-Filter GW-Groundwater B-Bioassay WW-Wastewater WM-Prinis Water	A Vice of the Control	ř.			PH		Temp Other		COC Seal	COC Seal Prese COC Signed/Acc Bottles arrive	eceipt Checking. ### // Alliage. ###################################
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Holiday Beach WSC		Vernon Hale 2611 Highway 35 North	AtroN 52	ă O	Pres.					Ċ
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Report to: Vernon Hale		Email To: water@hbwsc.com	bwsc.com						ALLEN, TX 400 w Sethan blve sale 150 Min T 540miting a sample wa this chain is tee	ALLEN, TX COOW Sethany Drive Suite 130 Nilen, TX 75013 Submitting a swipple wa this chain of custods
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Phone:361-205-3184	Client Project #	Lab Project #	oject #			Tanada et al la	sation		SDG # - [V]	EMERLIN
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	Rush? (Lab MUST Be Notified)	Votified) Quote #	# :		N-C		511.11/		Template: 7251266	366
Immediately Packed on ice N Y	Same Day Five Day (Re Two Day	id Only)	Date Results Needed	bed %	lmA-Jt)25, mar	nos wa		Prelogin: P1070068 PM: 3587 - Lori A Vahre PB:	РРЕОБДИ: P1070068 PM: 3587 - Lori A Vahrenkamp P <u>B:</u>
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F - Filter B - Bioassay	Remarks:						Ho How	Temp	SAMPLO RECEIPT CRA COC Seal Prescript/Intact: COC Signed/Accidate: Bottles arrive:Intact: Correct bottles used:	Checklist t: NP T B T NP T B T N NP T B
DW - Drinking Water Sa	Samples returned via: UPS FedEx Courier		Tracking #	7280		MISL	5979		23	M A
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Yes a No e Non-Conformance(s): State Sampled: SEXUL Ves a No'a To oblistud bestellaged Aukla in Ves a No (mma<) AOV ni sasqebesH D ON D SAY Unpreserved 5035A soil frozen within 48 hrs (not applicable to TCLP VOA or PST Program TPH) Are soil samples (volatiles, TPH) received in 5035A Kits Yes a No a Lead Acetate Strips: A ON B SAY □ AN Sulfide Present CI Stubs: Residual Chlorine Present isdins Hd □ AN No p D Say Sample pH Acceptable O ON Container Intact DO D Correct Container used □ oN 591 Sufficient Volume received □ ON Xes Short HT analyses (<72 hrs) O ON SAX Sampler name & signature on COC D ON Kes Chain of Custody relinquished M/3/3 :0180 Triage Person: Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable Cooler Temp °C: Receiving Lab 2 Thermometer Used: Correction Factor) (Recorded) (Recorded) 4.2 (Correction Factor) 2.3 (Actual) Cooler Temp °C: 2 Receiving Lab 1 Thernformeter Used: | V. M. Received on ice: Wet J Blue a No ice Custody Seal on Cooler/Box: Yes / No a SMIN Courier Fedex d UPS 0 USPS 0 Client 0 LSO 0 PACE 0 Other Beach WSC Project Work order (place label): □Ft Worth □Corpus Christi □Austin zelle ON Sample Condition Upon Receipt Pace Dallas Quality Office F-DAL-C-001-rev.14 Issuing Authority: Document No.: Sace Analytical Page 1 of 1 Sample Condition Upon Receipt

Document Name:

Document Revised: 7/27/20

Date:

Labeling Person (if different than log-in):

Tracking Numbers	<u>Temperature</u>
7411 4453 0554	4.9+0.1=5.0 EDAY
7411 4453 0545	0.5.0.1=0 UEDAU
	A CAN
	The state of the s

	Data
Nama	Date



May 28, 2024

Jeremy Watkins Pace Analytical Dallas 400 West Bethany Drive Suite 190 Allen, TX 75013

RE:

Project: L1733793 WG2283542

Pace Project No.: 40278147

Dear Jeremy Watkins:

Enclosed are the analytical results for sample(s) received by the laboratory on May 10, 2024. 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 Analytical Services - Green Bay

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

Angela Lane angela.lane@pacelabs.com (920)469-2436

Project Manager

Enclosures

cc: Client Services, Pace Analytical Allen







CERTIFICATIONS

Project:

L1733793 WG2283542

Pace Project No.:

40278147

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150

South Carolina Certification #: 83006001 Texas Certification #: T104704529-21-8 Virginia VELAP Certification ID: 11873 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-21-00008 Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project:

L1733793 WG2283542

Pace Project No.:

40278147

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40278147001	R.O. DISCHARGE	Water	05/07/24 08:15	05/10/24 09:45

REPORT OF LABORATORY ANALYSIS





SAMPLE ANALYTE COUNT

Project:

L1733793 WG2283542 ·

Pace Project No.:

40278147

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project:

L1733793 WG2283542

Pace Project No.:

40278147

Sample: R.O. DISCHARGE

Lab ID: 40278147001

Results

Collected: 05/07/24 08:15

Report Limit

Received: 05/10/24 09:45

Prepared

Matrix: Water

CAS No.

Qual

Parameters

1631E Mercury, Low Level

Date: 05/28/2024 08:16 AM

Analytical Method: EPA 1631E Preparation Method: EPA 1631E

Pace Analytical Services - Green Bay

Units

ng/L

Mercury

ND

0.50

1

DF

05/21/24 11:21 05/24/24 14:44 7439-97-6

Analyzed



QUALITY CONTROL DATA

Project:

L1733793 WG2283542

Pace Project No.:

40278147

QC Batch: QC Batch Method: 474934

EPA 1631E

Analysis Method:

EPA 1631E

Analysis Description:

1631E Mercury

Laboratory:

Pace Analytical Services - Green Bay

Associated Lab Samples:

40278147001

METHOD BLANK: 2719784

Matrix: Water

Associated Lab Samples:

40278147001

ND

Matrix: Water

Parameter

Units

Blank Result Reporting

Limit Analyzed

Qualifiers

Mercury

ng/L

05/24/24 13:04

METHOD BLANK: 2719785 Associated Lab Samples:

40278147001

Blank

Reporting

Parameter Mercury

Units ng/L

Result

Limit

Analyzed 0.53 05/24/24 13:09 Qualifiers

Matrix: Water

ND

METHOD BLANK: 2719786 Associated Lab Samples:

40278147001

Blank

Reporting

Mercury

Result ND Limit

Analyzed 05/24/24 14:09 Qualifiers

METHOD BLANK: 2719787

Parameter

40278147001

Units

ng/L

Blank

Reporting

Analyzed

Parameter

Associated Lab Samples:

*Units

Result

Matrix: Water

Limit

Mercury

ND

0.50

0.50

Qualifiers

2719788

05/24/24 15:09

LABORATORY CONTROL SAMPLE:

Parameter

Spike

LCS

LCS

% Rec

Qualifiers

Mercury

Mercury

Parameter

Units ng/L

Units

ng/L

ng/L

Conc.

5

Result 4.19

4.43

% Rec 84

Limits 79-121

LABORATORY CONTROL SAMPLE:

2719789

Spike

Conc.

LCS

LCS

% Rec

Date: 05/28/2024 08:16 AM

Result

% Rec

89

Limits 79-121 Qualifiers

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

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project:

L1733793 WG2283542

Pace Project No.:

Date: 05/28/2024 08:16 AM

40278147

MATRIX SPIKE & MATRIX	SPIKE DUPL	ICATE: 2722	603 MS	MSD	2722604							
Parameter	Units	40278061011 Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ng/L	30.9	42.1	42.1	72.1	70.1	98	93	75-125	3	24	
MATRIX SPIKE & MATRIX	SPIKE DUPL	ICATE: 2722		Mob	2722608							
			MS	MSD							570	
Parameter	Units	35878047001 Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual

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.





QUALIFIERS

Project:

L1733793 WG2283542

Pace Project No.:

40278147

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

Date: 05/28/2024 08:16 AM





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:

L1733793 WG2283542

Pace Project No.:

Date: 05/28/2024 08:16 AM

40278147

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40278147001	R.O. DISCHARGE	EPA 1631E	474934	EPA 1631E	475313

40278147

Sub-Contract Chain of Custody

Batch Date/Time: 05/09/24 15 41 Sub-Contract Lab: PACEGBWI Address: 1241 Bellvue Street, Suite

City/State: Green Bay, WI 54302

Contact:

Angela Lane@pacelabs com Owner Lab: PACEATX Address: 400 W. Bethany Drive Suite 190

City/State: Allen, TX 75013 Phone: (972) 727-1123

For.

Relinquished by:

Relinquished by:

Pace Analytical

400 W. Bethany Drive Suite 190 Allen, TX 75013 Phone (972) 727-1123

WO: WG2283542

Email: Dallas_Sub@pacelabs com Results Due Date: 05/15/24 ESC Purchase Order #: L1733793 Send Reports to: Aysen Ramos

Sample ID Container ID	Matrix	State	Collect Date	Description	Method	Sample Number Lab Use Only	Sample Comments Lab Use Only
R.O. DISCHARGE S47338574	ww	TX	05/07/24 08:15	Low Level Hg	-	1. L1733793-01	001

*= Container used for multiple Samples and/or Analyses

Page	10	of	12	

checked and noted bolow. Lab Lot# of pH paper. Plastic **BP3B BP3U** ;i BP1U 21.9 Client Name: POCC | Bean **YGSS** NGDA Glass Yet2 **HFDA** . . . BG10 Urea Pace Lab# 002 004 003 005 000 800 010 001 014 018 011 012 013 015 0.16 020 017 019 AG1 BG1 AG1 AG5 AG5 BG3

Volume (mL)

Hafter adjusted

85 Hq 15A nS+HOB 12504 pH 52

* (mm3<) slsiV AO

General

Jars

Vials

CN 5

CN 4 SPLC

TSGS WPFU

WGFU

กอา

JGFU

G69/ M69V **H69A**

U69V T690

265A BP2Z

Bb32 ВЬЗИ

HO3 PH S2 13 Hq HOB

Initial when Will Date/ completed: Will Time:

Lab Std #ID of preservation (if pH adjusted):

Sample Preservation Receipt Form
Project # 40278147

DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form

Effective Date: 8/16/2022

2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5 2.5/5

2.5/5 2.5/5

2.5 / 5 2.5/5

in headspace column		
Headspace in VOA Vials (>6mm): □Yes □No □NIA "If yes look in headspace column	JGFU 4 oz amber jar unpres JG9U 9 oz amber jar unpres WGFU 4 oz clear jar unpres WPFU 4 oz plastic jar unpres SP5T 120 mL plastic Na Thiosulfate ZPLC ziploc bag GN 1	The state of the s
OA Vials (>E	JGFU JG9U WGFU WPFU SP5T ZPLC GN 1 GN 2	
2007 J. C. A. J. C.	VG9DC 40 mL clear ascorbic w/ HCl DG9T 40 mL amber Na Thio VG9U 40 mL clear vial unpres VG9M 40 mL clear vial MeOH VG9M 40 mL clear vial MeOH VG9D 40 mL clear vial DI	
15	VG9C DG9T VG9H VG9M VG9D	
WI DRO, Phenolics, O	BP1U 1 liter plastic unpres BP3U 250 mL plastic unpres BP3B 250 mL plastic NaOH BP3N 250 mL plastic HNO3 BP3S 250 mL plastic H2SO4 BP2Z 500 mL plastic NaOH + Zn	
iform, TOC	BP3U BP3U BP3B BP3N BP3S BP2Z	
copions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G,	G10 1 liter amber glass G10 1 liter clear glass G11 1 liter clear glass HCL 34S 125 mL amber glass H2SO4 35U 100 mL amber glass unpres G2S 500 mL amber glass H2SO4 G3U 250 mL clear glass unpres	

DC#_Title: ENV-FRM-GBAY-0014 v03_SCUR Effective Date: 8/17/2022

Sample Condition Upon Receipt Form (SCUR)	
Client Name: FOCE WO# Courier: CS Logistics Fed Ex Speedee UPS Waltco	: 40278147
Custody Seal on Cooler/Box Present: yes N no Seals intact: yes N p6	
Custody Seal on Samples Present: yes no Seals intact: ves no	
Packing Material: N Bubble Wrap Bubble Bags None Other	
Thermometer Used SR - 17 Type of Ice: Wet Blue Dr. None Meltwater	Only
Cooler Temperature Uncorr: 18,5 /Corr: 18,0	Person examining contents:
Temp Blank Present: ☐ yes ☐ no Biological Tissue is Frozen: ☐ yes ☐ no	Date 05/10/20 Finitials: WWA
. Temp should be above freezing to 6°C.	
Blota Samples may be received at ≤ 0°C if shipped on Div Ice	Labeled By Initials:
Chain of Custody Present: Who DN/A 1. COC obtained by E-m	ail sent to PM. MU ELLONDON
Chain of Custody Filled Out:	0,5
Chain of Custody Relinquished:	
Sampler Name & Signature on COC: DYes DNO WN/A 4. PORCE TRWO MV	Lostonay
Samples Arrived within Hold Time: Ves □No 5.	J- BIVO LUZI
- DI VOA Samples frozen upon receipt □Yes □No Date/Time;	,
Short Hold Time Analysis (<72hr):	
Rush Turn Around Time Requested:	
Sufficient Volume: 8.	
For Analysis: Types DNo MS/MSD: DYes DNo DN/A	
Correct Containers Used: ☑Yes □No 9.	
Correct Type: Pace Green Bay, Pace IR, Non-Pace	
Containers Intact: Tyes $\square No$ \nearrow 10.	
Filtered volume received for Dissolved tests	
Sample Labels match COC: Tyes No N/A 12.	
-Includes date/time/ID/Analysis Matrix:	
Trip Blank Present:	
Trip Blank Custody Seals Present	
Pace Trip Blank Lot # (if purchased):	
	ed form for additional comments
Person Contacted: Date/Time: Comments/ Resolution:	
Commonto (Cooldioth	
	W
PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they	have reviewed the sample logic

Candice Calhoun

From: Holiday Beach <water@hbwsc.com>
Sent: Wednesday, July 31, 2024 9:11 AM

To: Candice Calhoun

Subject: Re: Application to Renew Permit No. WQ0004290000; Holiday Beach Water Supply

Corporation

Attachments: NORIFilledIn.odt; TX_Lamar_20220804_TM Labeled Item 11No.2.jpg;

TX_Saint_Charles_Bay_20220713_TM Labeled Item 11No.2.jpg; Core Data Form Address Update2.pdf; Industrial and Stormwater TPDES and TLAP PLS FormFilled out.docx

Follow Up Flag: Follow up Flag Status: Completed

Good Morning. Here is hopefully everything that was requested. Please let me know if you need anything else. Thank you for you help.

Vernon Hale Holiday Beach WSC 2611 Highway 35 North Rockport Tx. 78382

Daily: 361-729-9707

After hours: 361-205-3184

From: Candice Calhoun < Candice. Calhoun@tceq.texas.gov>

Sent: Tuesday, July 23, 2024 6:43 PM

To: water@hbwsc.com <water@hbwsc.com>

Cc: gilldavid710@yahoo.com <gilldavid710@yahoo.com>

Subject: Application to Renew Permit No. WQ0004290000; Holiday Beach Water Supply Corporation

Good afternoon, Mr. Hale,

The attached Notice of Deficiency (NOD) letter dated <u>July 23, 2024</u>, requests additional information needed to declare the application administratively complete. Please send complete response by <u>August 6, 2024</u>.

Please let me know if you have any questions.

Regards,



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for	Submissi	on (If other is checked	l please describe	e in space pr	ovided.)						
New Pern	nit, Registra	ation or Authorization	(Core Data Forn	n should be s	submitted witi	the prog	gram application.)				
Renewal	(Core Data	Form should be submi	tted with the re	newal form)			Other				
2. Customer	2. Customer Reference Number (if issued) Follow this link to search for CN or RN numbers in							ference	Number (if i	issued)	
CN 6006546	CN 600654644 <u>Central Registry**</u>										
SECTIO	N II:	Custome	r Inforr	<u>matio</u>	<u>n</u>						
4. General Cu	ıstomer Ir	nformation	5. Effective	Date for Cu	ıstomer Info	rmation	Updates (mm/dd,	/уууу)		4/8/2024	
New Custor	mer	⊠u	pdate to Custor	ner Informa	tion	Cha	nge in Regulated En	tity Own	ership		
1 =		(Verifiable with the Te	=			_		,			
The Custome	r Name sı	ıbmitted here may	be updated au	ıtomaticall	ly based on t	vhat is d	current and active	with th	he Texas Seci	retary of State	
(SOS) or Texa	is Comptr	oller of Public Accou	ınts (CPA).								
6. Customer	Legal Nan	ne (If an individual, pri	nt last name fir	st: eg: Doe, J	ohn)		If new Customer,	enter pr	evious Custom	er below:	
Holiday Beach	Water Sup	oly CorporaOon									
7. TX SOS/CP	A Filing N	umber	8. TX State	Гах ID (11 d	igits)		9. Federal Tax ID 10. DUNS Number (if applicable)				
131895501			17427292754				(9 digits)				
							742729275				
			1				1				
Government:	City (County Federal	Local State	Other		Sole P	Proprietorship	Ot	her:		
12. Number o	of Employ	ees					13. Independer	ntly Ow	ned and Ope	erated?	
⊠ 0-20 □ 2	21-100	101-250 251-	500 501 a	and higher			⊠ Yes	No			
14. Customer	Role (Pro	posed or Actual) – as i	t relates to the	Regulated Ei	ntity listed on	this form.	. Please check one o	f the foll	owing		
Owner Occupation	al Licensee	Operator Responsible Pa		ner & Opera /CP/BSA App			Other:				
15. Mailing	Holiday E	Beach Water Supply Co	orpora 0 on								
Address:	2611 Hw	y 35 North									
	City	Rockport		State	TX	ZIP	78382		ZIP + 4		

TCEQ-10400 (11/22) Page 1 of 3

16. Country Mailing Infor	mation (if ou	tside USA)		17. E-Mail Address (if applicable)					
19 Talanhana Numbar			19. Extension or 0	Codo		20 Fay Ni	umbor (if a	annlicable)	
18. Telephone Number			19. Extension of C	Loue		20. Fax Ni	uniber (ij d	ірріісавіе)	
(361) 205-3184						()	-		
SECTION III:	Regul	ated Ent	tity Inforn	natior	<u>1</u>				
21. General Regulated En	tity Informa	t ion (If 'New Regi	ulated Entity" is select	ted, a new po	ermit applicat	tion is also re	equired.)		
New Regulated Entity	Update to	Regulated Entity N	Name 🔀 Update to	o Regulated	Entity Inform	ation			
The Regulated Entity Namas Inc, LP, or LLC).	ne submitted	l may be update	ed, in order to mee	t TCEQ Cor	e Data Stan	dards (ren	noval of or	rganization	al endings such
22. Regulated Entity Nam	e (Enter name	of the site where	the regulated action	is taking pla	ce.)				
Holiday Beach Water Supply	CorporaOon								
23. Street Address of	5 St. Charles	Loop East (Holida	ay Beach						
the Regulated Entity:									
(No PO Boxes)	City	Rockport	State	TX	ZIP	78382		ZIP + 4	
24. County	Aransas								
		If no Street	t Address is provide	ed, fields 2	5-28 are rec	quired.			
25. Description to									
Physical Location:	8 St. Charles	Loop East (Holida	y Beach						
26. Nearest City						State		Nea	rest ZIP Code
Rockport						Тх		7835	8
Latitude/Longitude are re used to supply coordinate	-	-	-		ata Standaı	rds. (Geoco	oding of th	ne Physical	Address may be
used to supply coordinate	es where hor	ie nave been pr	ovided or to gain a	ccurucy).				_	
27. Latitude (N) In Decim	al:			28. Lo	ongitude (W	/) In Decim	al:		
Degrees	Minutes	5	Seconds	Degre	Degrees		Minutes		Seconds
28		9	47.772	96			59		39.4794
29. Primary SIC Code	30. 9	Secondary SIC C	Code	31. Primar	y NAICS Cod	de	32. Secondary NAICS Code		
(4 digits)	(4 di _į	gits)		(5 or 6 digit	s)		(5 or 6 dig	igits)	
4941				221310					
33. What is the Primary B	Susiness of th	nis entity? (Do	not repeat the SIC or	NAICS descri	iption.)				
Provide Drinking water to 85	0 customers								
34. Mailing	Holiday Bea	ach Water Supply	Corp.						
	2611 Hwy 35 North								

TCEQ-10400 (11/22) Page 2 of 3

		City	Rockport	State	TX	ZIP	78382	ZIP + 4	
35. E-Mail A	Address:	wat	er@hbwsc.co	om					
36. Telepho	ne Number			37. Extension o	or Code	38.	Fax Number (if ap	plicable)	
(361) 205-3	184) -		
		ID Numbers C			ermits/registr	ation number	s that will be affecte	ed by the updates submi	tted on this
☐ Dam Safe	ty	Dist	ricts	Edwards Aquifer		Emissio	ons Inventory Air	Industrial Haza	rdous Waste
Municipa	l Solid Waste	☐ Nev Review	v Source Air	OSSF		☐ Petrole	um Storage Tank	⊠ PWS	
Sludge		Stor	m Water	☐ Title V Air		Tires		Used Oil	
Voluntary	Cleanup	☐ Was	stewater	☐ Wastewater Agri	culture	ulture Water Rights		Other:	
SECTIO	ON IV:	Prepa	rer Inf	formation					
40. Name:	Vernon Ha				41. Title	: Water	Operator/Manager		
42. Telephon	e Number	43. Ext.,	/Code	44. Fax Number	45. E-I	Mail Addres	s		
(361) 205-318	34			() -	water@	hbwsc.com			
SECTIO	ON V:	Author	ized S	Signature	·				
								ete, and that I have sign dentified in field 39.	
Company:	Holid	day Beach Wate	r Supply Corp	oora⊖on	Job Title	e: Presi	ident		
Name (In Prin	t): Davi	d Gill					Phone:	(361) 205- 7108	
				1					

APPLICATION. Holiday Beach Water Supply Corporation, 2611 Highway 35 North, Rockport, Texas 78382, which owns a potable water treatment plant, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0004290000 (EPA I.D. No. TX0123871) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 120,000 gallons per day. The water treatment facility is located at 5 St. Charles Loop East (Holiday Beach), near the city of Rockport, in Aransas County, Texas 78382. The discharge route is from the plant site to an unnamed tidal ditch; thence to tidal flats; thence to the Copano Bay portion of Copano Bay/Port Bay/Mission Bay. TCEQ received this application on July 11, 2024. The permit application will be available for viewing and copying at Aransas County Clerk's Office, m.ain entrance bulletin board, 2840 Highway 35 North, Rockport, in Aransas County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.9943,28.16327<vel=18

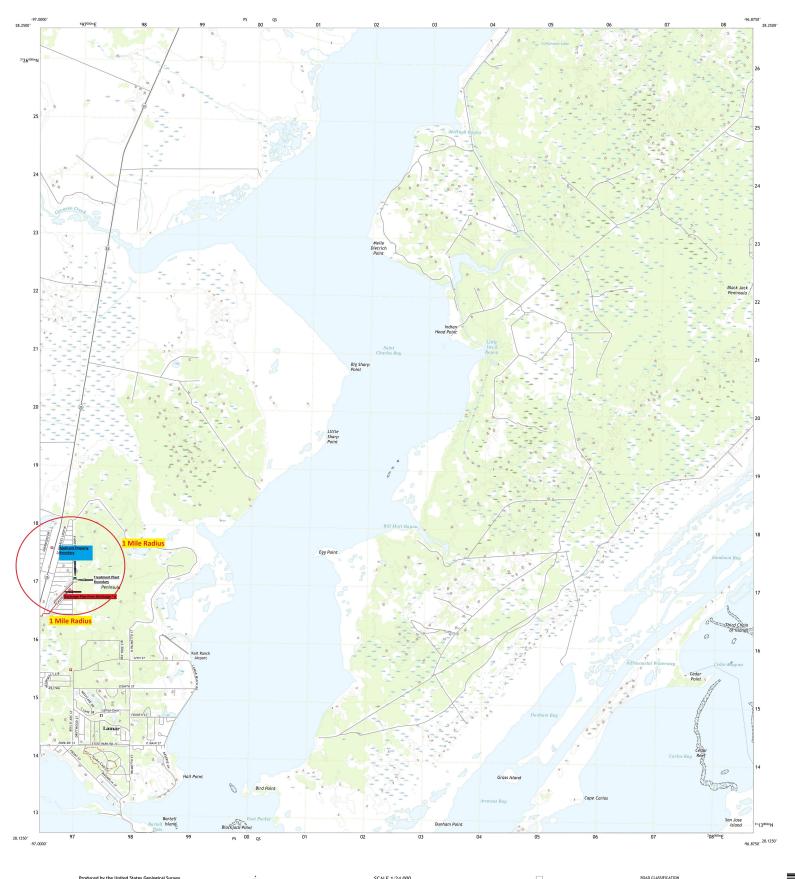
Further information may also be obtained from Holiday Beach Water Supply Corporation at the address stated above or by calling Mr. Vernon Hale, Operator/Manager, at 361-205-3184.

CONTOUR INTERVAL 5 FEET NORTH AMERICAN VERTICAL DATUM OF 1988

U.S. National Grid 100,000 - m Square ID



LAMAR, TX 2022



CONTOUR INTERVAL 5 FEET NORTH AMERICAN VERTICAL DATUM OF 1988 This map was produced to conform with the onal Geospatial Program US Topp Product Standard.



SAINT CHARLES BAY, TX 2022

TCEQ Interoffice Memorandum

To: Industrial Permits Team

Wastewater Permitting Section

From: Xing Lu, P.E. Anylu

Modeler, Water Quality Assessment Team

Water Quality Assessment Section

Date: September 20, 2024

Subject: Holiday Beach Water Supply Corporation

Permit Renewal (WQ0004290000, TX0123871)

Discharge to a tributary of Copano Bay/Port Bay/Mission Bay (Segment No. 2472)

The referenced applicant is proposing a renewal of its permit authorizing the discharge of 0.12 MGD of wastewater from a potable water treatment plant into the watershed of Copano Bay/Port Bay/Mission Bay (Segment No. 2472). The facility is located in Aransas County.

Due to the low levels of oxygen-demanding constituents expected from this type of discharge, no significant dissolved oxygen depletion is anticipated in the receiving waters as a result of this discharge.

Copano Bay/Port Bay/Mission Bay (Oyster Waters) (2472OW) is currently listed on the State's inventory of impaired and threatened waters, the **2022** Clean Water Act Section 303(d) list. The listing is for bacteria (oyster waters) in Mission Bay, the Aransas River Arm, Port Bay, and the eastern shoreline (AU 2472OW_01). There are no other Segment 2472 303(d) impairment listings.

TCEQ Interoffice Memorandum

To: Industrial Permits Team

Wastewater Permitting Section

From: Sarah Musgrove, Water Quality Assessment Team

Water Quality Assessment Section

Date: September 18, 2024

Subject: Holiday Beach Water Supply Corporations

Wastewater Permit No. WQ0004290000 Critical Conditions Recommendation Memo

The following information applies to **Outfall 001**.

The TexTox menu number is **5** for a bay, estuary, wide tidal water body, or narrow tidal water body with no upstream flow.

This discharge is to an unnamed tidal ditch.

Segment No.	2472
Effluent Flow for Aquatic Life (MGD)	<10 (2-yr max)
% Effluent for Chronic Aquatic Life (Mixing Zone)	100
% Effluent for Acute Aquatic Life (ZID)	100
Oyster Waters?	No
Effluent Flow for Human Health (MGD)	<10 (2-yr avg)
% Effluent for Human Health	100

Human Health criteria apply for Fish Only.

The chronic aquatic life mixing zone is defined as a volume within a radius of 5 feet from the point of discharge. Chronic toxic criteria apply at the edge of the chronic aquatic life mixing zone.

The width of unnamed tidal ditch at the point of discharge is 10 feet. The ZID is defined as a volume within a radius of 1.25 feet from the point of discharge. The human health mixing zone is defined as a volume within a radius of 10 feet from the point of discharge.

OUTFALL LOCATION¹

Outfall Number	Latitude	Longitude	
001	28.158806 N	97.00075 W	

¹ Latitude and Longitude values are approximations of the location for administrative purposes.

Page 1 of 1

TCEQ Interoffice Memorandum

To: Industrial Permits Team

Wastewater Permitting Section

From: Jenna R. Lueg, Standards Implementation Team

Water Quality Assessment Section

Water Quality Division

Date: 8/8/2024

Subject: Holiday Beach Water Supply Corporation; Permit no. WQ0004290000

Renewal; Application received 7/11/2024

The discharge route for the above referenced permit is to an unnamed tidal ditch, thence to tidal flats, thence to the Copano Bay Portion of Copano Bay/Port Bay/Mission Bay in Segment 2472 of the Bays and Estuaries. The designated uses and dissolved oxygen criterion as stated in Appendix A of the Texas Surface Water Quality Standards (30 Texas Administrative Code (TAC) §307.10) for Segment 2472 are primary contact recreation, exceptional aquatic life use, oyster waters, and 5.0 mg/L dissolved oxygen.

Since the discharge is directly to an unclassified water body, the permit action was reviewed in accordance with 30 Texas Administrative Code §307.4(h) and (l) of the 2022 Texas Surface Water Quality Standards and the TCEQ's *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), an antidegradation review of the receiving waters was performed. Based on available information, a preliminary determination of the aquatic life uses in the area of the discharge impact has been performed and the corresponding dissolved oxygen criterion assigned.

Unnamed tidal ditch; high aquatic life use, 4.0 mg/L dissolved oxygen. Tidal Flats; exceptional aquatic life use, 5.0 mg/L dissolved oxygen.

A priority watershed of critical concern has been identified in Segment 2472 in Aransas County. Therefore, the Whooping Crane, *Grus americana*, an endangered aquatic dependent species, has been determined to occur in the watershed of Segment 2472. To make this determination for Texas Pollutant Discharge Elimination System (TPDES) permits, TCEQ and EPA only considered aquatic or aquatic dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the United States Fish and Wildlife Service's (USFWS) biological opinion. The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The presence of the endangered Whooping Crane requires EPA review and, if appropriate, consultation with USFWS.

The piping plover, *Charadrius melodus* Ord, a threatened aquatic dependent species, is found in the watershed of Segment 2472; however, the facility is not a petroleum facility and its discharge is not expected to have an effect on the piping plover. This determination is based on the United States Fish and Wildlife Service's (USFWS) biological opinion on the State of Texas

