

Annual Report Format



National Pollutant Discharge Elimination System Stormwater Program MS4 Annual Report Format



Check box if you are submitting an individual Annual Report with one or more cooperative program elements.

Check box if you are submitting an individual Annual Report with individual program elements only.

Check box if this is a new name, address, etc.

1. MS4(s) Information

NMR04A014 City of Albuquerque

Name of MS4

Shellie

Eaton

PE, Section Manager

Name of Contact Person (First)

(Last)

(Title)

(505) 768-2774

seaton@cabq.gov

Telephone (including area code)

E-mail

PO Box 1293, City of Albuquerque, Dept of Municipal Development, Attn: Shellie Eaton

Mailing Address

Albuquerque

NM

87103

City

State

ZIP code

What size population does your MS4(s) serve?

557,000

NPDES number

0

What is the reporting period for this report? (mm/dd/yyyy) From

Jul 1, 2023

to

Jun 30, 2024

2. Water Quality Priorities

A. Does your MS4(s) discharge to waters listed as impaired on a state 303(d) list? Yes No

B. If yes, identify each impaired water, the impairment, whether a TMDL has been approved by EPA for each, and whether the TMDL assigns a wasteload allocation to your MS4(s). Use a new line for each impairment, and attach additional pages as necessary.

| Impaired Water | Impairment | Approved TMDL | | TMDL assigns WLA to MS4 | |
|-------------------|------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| | | Yes | No | Yes | No |
| Middle Rio Grande | E-coli | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Middle Rio Grande | Temperature | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Middle Rio Grande | Polychlorinated Biphenyls in | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Middle Rio Grande | Dissolved Oxygen | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

2. B. Continued

| Impaired Water | Impairment | Approved TMDL | | TMDL assigns WLA to MS4 | |
|-------------------|------------|------------------------------|--|------------------------------|-----------------------------|
| Middle Rio Grande | Mercury | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

C. What specific sources contributing to the impairment(s) are you targeting in your stormwater program?

Pet waste, household hazardous waste, trash and debris (including natural vegetation), sediments, automotive fluids and detergents. A "floatables study" and microbial source testing have been performed. Birds are primary source of E-

- D. Do you discharge to any high-quality waters (e.g., Tier 2, Tier 3, outstanding natural resource waters, or other state or federal designation)? Yes No
- E. Are you implementing additional specific provisions to ensure their continued integrity? Yes No

3. Public Education and Public Participation

- A. Is your public education program targeting specific pollutants and sources of those pollutants? Yes No
- B. If yes, what are the specific sources and/or pollutants addressed by your public education program?

Our public education program targets pet waste, household hazardous waste, trash and debris (including natural vegetation), sediments, automotive fluids, detergents, fertilizers, pesticides.

C. Note specific successful outcome(s) (e.g., quantified reduction in fertilizer use; NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period.

Survey showed that over 90% of individuals understood the importance of pollution prevention and valued improved stormwater quality. One household hazardous recycling event resulted in the participation of 152 residents. See

- D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your stormwater program? Yes No

4. Construction

- A. Do you have an ordinance or other regulatory mechanism stipulating:
- Erosion and sediment control requirements? Yes No
 - Other construction waste control requirements? Yes No
 - Requirement to submit construction plans for review? Yes No
 - MS4 enforcement authority? Yes No
- B. Do you have written procedures for:
- Reviewing construction plans? Yes No
 - Performing inspections? Yes No
 - Responding to violations? Yes No
- C. Identify the number of active construction sites \geq 1 acre in operation in your jurisdiction at any time during the reporting period.
- D. How many of the sites identified in 4.C did you inspect during this reporting period?
- E. Describe, on average, the frequency with which your program conducts construction site inspections.

Once every 6 months for sites with no violations, weekly for follow-up inspections

F. Do you prioritize certain construction sites for more frequent inspections? Yes No

If Yes, based on what criteria?

Sites that have violations of CGP are weekly

G. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

Yes Notice of violation No Authority

Yes Administrative fines No Authority

Yes Stop Work Orders No Authority

Yes Civil penalties No Authority

Yes Criminal actions No Authority

Yes Administrative orders No Authority

Yes Other

H. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions of active construction sites in your jurisdiction? Yes No

I. What are the 3 most common types of violations documented during this reporting period?

SWPPP Violations (unavailable, out-of-date), BMPs (missing, maintenance/repair), Permit Coverage Posting (Missing)

J. How often do municipal employees receive training on the construction program?

5. Illicit Discharge Elimination

A. Have you completed a map of all outfalls and receiving waters of your storm sewer system? Yes No

B. Have you completed a map of all storm drain pipes and other conveyances in the storm sewer system? Yes No

C. Identify the number of outfalls in your storm sewer system.

D. Do you have documented procedures, including frequency, for screening outfalls? Yes No

E. Of the outfalls identified in 5.C, how many were screened for dry weather discharges during this reporting period?

F. Of the outfalls identified in 5.C, how many have been screened for dry weather discharges at any time since you obtained MS4 permit coverage?

G. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type.

Complaints regarding spills are investigated immediately (see item 10). The 40 Dry Weather Screening outfalls are screened annually during the Dry Season—typically November through April (see item 10 for more information).

H. Do you have an ordinance or other regulatory mechanism that effectively prohibits illicit discharges? Yes No

I. Do you have an ordinance or other regulatory mechanism that provides authority for you to take enforcement action and/or recover costs for addressing illicit discharges? Yes No

- J. During this reporting period, how many illicit discharges/illegal connections have you discovered?
- K. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated?
- L. How often do municipal employees receive training on the illicit discharge program?

6. Stormwater Management for Municipal Operations

A. Have stormwater pollution prevention plans (or an equivalent plan) been developed for:

- All public parks, ball fields, other recreational facilities and other open spaces Yes No
- All municipal construction activities, including those disturbing less than 1 acre Yes No
- All municipal turf grass/landscape management activities Yes No
- All municipal vehicle fueling, operation and maintenance activities Yes No
- All municipal maintenance yards Yes No
- All municipal waste handling and disposal areas Yes No

Other

B. Are stormwater inspections conducted at these facilities? Yes No

C. If Yes, at what frequency are inspections conducted?

D. List activities for which operating procedures or management practices specific to stormwater management have been developed (e.g., road repairs, catch basin cleaning).

E. Do you prioritize certain municipal activities and/or facilities for more frequent inspection? Yes No

F. If Yes, which activities and/or facilities receive most frequent inspections?

G. Do all municipal employees and contractors overseeing planning and implementation of stormwater-related activities receive comprehensive training on stormwater management? Yes No

H. If yes, do you also provide regular updates and refreshers? Yes No

I. If so, how frequently and/or under what circumstances?

7. Long-term (Post-Construction) Stormwater Measures

A. Do you have an ordinance or other regulatory mechanism to require:

- Site plan reviews for stormwater/water quality of all new and re-development projects? Yes No
- Long-term operation and maintenance of stormwater management controls? Yes No
- Retrofitting to incorporate long-term stormwater management controls? Yes No

B. If you have retrofit requirements, what are the circumstances/criteria?

C. What are your criteria for determining which new/re-development stormwater plans you will review (e.g., all projects, projects disturbing greater than one acre, etc.)?

D. Do you require water quality or quantity design standards or performance standards, either directly or by reference to a state or other standard, be met for new development and re-development? Yes No

E. Do these performance or design standards require that pre-development hydrology be met for:

Flow volumes Yes No

Peak discharge rates Yes No

Discharge frequency Yes No

Flow duration Yes No

F. Please provide the URL/reference where all post-construction stormwater management standards can be found.

<https://codelibrary.amlegal.com/codes/albuquerque/latest/overview> (cut and paste address into browser, code 14-5-2)

G. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection?

H. How many of the plans identified in 7.G were approved?

I. How many privately owned permanent stormwater management practices/facilities were inspected during the reporting period?

J. How many of the practices/facilities identified in I were found to have inadequate maintenance?

K. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections?

L. Do you have authority to take enforcement action for failure to properly operate and maintain stormwater practices/facilities? Yes No

M. How many formal enforcement actions (i.e., more than a verbal or written warning) were taken for failure to adequately operate and/or maintain stormwater management practices?

N. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? Yes No

O. Do all municipal departments and/or staff (as relevant) have access to this tracking system? Yes No

P. How often do municipal employees receive training on the post-construction program?

8. Program Resources

A. What was the annual expenditure to implement MS4 permit requirements this reporting period?

B. What is next year's budget for implementing the requirements of your MS4 NPDES permit?

C. This year what is/are your source(s) of funding for the stormwater program, and annual revenue (amount or percentage) derived from each?

Source: Amount \$ OR %

Source: Amount \$ OR %

Source: Amount \$ OR %

D. How many FTEs does your municipality devote to the stormwater program (specifically for implementing the stormwater program; not municipal employees with other primary responsibilities)?

E. Do you share program implementation responsibilities with any other entities? Yes No

| Entity | Activity/Task/Responsibility | Your Oversight/Accountability Mechanism |
|--------------|------------------------------------|---|
| AMAFCA, SCAF | Sampling and Monitoring Wet Weath | Memo of Understanding |
| AMAFCA, SCAF | Education and Outreach | Memo of Understanding |
| AMAFCA, SCAF | General Watershed Based Permit Imp | Memo of Understanding |

9. **Evaluating/Measuring Progress**

A. What indicators do you use to evaluate the overall effectiveness of your stormwater management program, how long have you been tracking them, and at what frequency? These are not measurable goals for individual management practices or tasks, but large-scale or long-term metrics for the overall program, such as macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.

| Indicator | Began Tracking (year) | Frequency | Number of Locations |
|--|-----------------------|---------------------------------|---------------------|
| <i>Example: E. coli</i> | 2003 | Weekly April–September | 20 |
| 311 Complaint System Responses to IDDE | 2003 | As reported; number varies pe | Varies |
| Student and General Public Education a | 2006 | Reporting annually; events he | Varies |
| Dry Weather Screening | 2003 | Annually | 40 locations |
| Good Housekeeping Inspections | 2012 | Quarterly to Monthly (if neede) | 41 locations |
| City Employees Taking SWPPP or SPCC t | 2020 | Annually | 554 employees |

B. What environmental quality trends have you documented over the duration of your stormwater program? Reports or summaries can be attached electronically, or provide the URL to where they may be found on the Web.

<https://www.cabq.gov/municipaldevelopment/our-department/engineering/storm-water-management/municipal-separate-storm-sewer-system-ms4-permit>

10. **Additional Information**

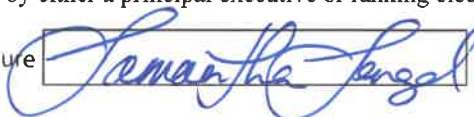
Please attach any additional information on the performance of your MS4 program, including information required in Parts I.C, I.D, and III.B. If providing clarification to any of the questions above, please provide the question number (e.g., 2C) in your response.

Certification Statement and Signature

I 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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Yes No

Federal regulations require this application to be signed as follows: **For a municipal, State, Federal, or other public facility:** by either a principal executive or ranking elected official.

Signature  Samantha Senzel, CAO 11/21/24
 Name of Certifying Official, Title Date (mm/dd/yyyy)

CITY OF ALBUQUERQUE
Annual Report for Fiscal Year 2024 (FY24)
July 1, 2023 to June 30, 2024
NPDES PERMIT NMR04A000, Effective Date December 22, 2014
eNOI Application Date June 21, 2015

ITEM 10 Additional Information

I.C. Special Conditions

1. Compliance with Water Quality Standards

d. Dissolved Oxygen (DO): The Arroyo Metropolitan Flood Control Authority (AMAFCA) has installed aeration devices in areas prone to stagnation and monitors the DO in these areas. Results collected by the Compliance Monitoring Cooperative (CMC) in the Rio Grande during the permit term and in this period of administrative continuance indicate that stormwater runoff does not contribute to low DO conditions.

e. Polychlorinated Biphenyls (PCBs): The City of Albuquerque (COA) began a sediment assessment study in FY16 which was completed in FY17 with a final letter report submitted in FY18 on July 10, 2017. Under this study, soil samples were taken from the 5 outfall locations monitored under the former Phase 1 permit NMS000101 as well as from up and down stream locations along the Rio Grande. These samples were analyzed for PCBs using the Aroclor method. Detection of PCBs at any of these locations resulted in further sampling and analysis of upstream areas. Twelve locations were ultimately screened for both PCBs and select metals in the Phase II Assessment based upon the results of the original study. The Synthetic Precipitation Leaching Procedure (SPLP) was used to analyze the following metals: aluminum, cadmium, chromium, lead, nickel, and zinc. No PCBs were found in any of the sediment samples at concentrations above the detection limits that ranged from 0.019 to 0.2 milligrams per kilogram (mg/kg) for the six aroclors analyzed. Both studies are available in the FY17 Annual Report under Attachment 1. The Phase II Assessment was also included in the FY18 Annual Report under Attachment 1. As discussed in the Progress Evaluation Report for the Sediment Pollutant Load Reduction Strategy, submitted last year in FY19 under Attachment 1, recent investigations did not identify any sources of PCBs in the Albuquerque metropolitan area that represent a continuing impact to the waters of the Rio Grande.

f. Temperature: AMAFCA continues to monitor temperature in the Rio Grande and at the North Diversion Channel through the deployment of sondes. Analysis of stormwater flows for temperature under the former Phase 1 permit indicates no contribution to temperature exceedances in the Middle Rio Grande and continues to indicate no contribution to any potential temperature exceedances. Results collected by the Compliance Monitoring Cooperative (CMC) during the permit term and in this period of

administrative continuance indicate that stormwater runoff does not contribute to high temperature conditions.

2. Discharges to Impaired Waters with and without approved TMDLs

b(i)(c)B: The Monitoring Cooperative successfully implemented the sampling plan approved in the summer of 2016 and over the course of the permit term, submitted the results of 7 storm events collected from 2 locations in the Rio Grande at the northern or upstream (Angostura Diversion Dam) and at the southern or downstream (Isleta Diversion Dam) boundaries of the watershed as required by the Watershed Based Permit (WBP). Samples from 4 events during the wet season and 3 events during the dry season were collected meeting the WBP sampling criteria of 7 samples with 3 events from the wet season and 2 events from the dry season. Results from the WBP required sampling events were provided in the FY17, FY18, and FY19 Annual reports as well as submitted electronically into EPA's NetDMR system.

The WBP expired on December 19, 2019 and has been administratively continued. A letter submitted to the EPA by the Middle Rio Grande Technical Advisory Group discusses its members' intent to continue operations under coverage of the administratively extended permit (see Attachment 1 of the FY20 Annual Report). Although no additional monitoring is required during the period of administrative continuance, agencies participating in the Monitoring Cooperative have continued to fund sampling efforts. These results are provided in Attachment 1 of each year's Annual Report.

Two dry season, wet weather samples were collected in FY24, and both were qualifying storm events. The dates were December 13, 2023 and June 26, 2024. Dry Season Wet Weather Monitoring Results are included as Attachment 1 in this year's FY24 report. Impairments to the Middle Rio Grande include E. coli bacteria, PCBs, gross alpha, dissolved Oxygen, mercury and temperature. In addition to the impairments, a list of other potential contaminants that were found in stormwater samples collected at select outfall locations in years prior to implementation of the WBP are also monitored. Of these constituents, only E. coli bacteria have an approved Total Maximum Daily Load (TMDL), a permit compliance item.

Dry season sampling occurred at three locations along the Rio Grande, and a map can be seen in Attachment 1. E coli was present at North Angostura Diversion Dam, (the northernmost sampling point), at Alameda (city), and South Isleta Diversion Dam (southernmost sampling). For the north segment, the waste load allocation (WLA) was acceptable in the June event, but had a potential exceedance in December 2023. For the south river segment, the WLA had a potential exceedance for both storm events. The WLA is the compliance measurement for the requirements in the TMDL.

The COA continues its work to reduce E. coli loads through the pet waste education and outreach program. Dog waste had been estimated to contribute about 22% of the fecal coliform bacteria to the Middle Rio Grande watershed in a microbial source tracking (MST) study completed in 2004. A new MST that uses quantitative polymerase chain reaction (qPCR) analysis and fecal indicator bacteria (FIB) by E. coli enumeration was scoped and commissioned by the COA in FY17 at cost of about \$250,000. The Quality

Assurance Program Plan (QAPP) and sampling and analysis plan (SAP) were prepared in FY17 and sample collection and analysis were completed in FY19. The results of this study indicated the presence of moderate canine markers in channels, drains, and arroyos in the northeast and northwest parts of the watershed. Weak human markers were also indicated near some of the bridges as well as downstream of the sanitary reclamation facility. A copy of the finalized report was provided as Attachment 2 Completion Report for Microbial Source Tracking Program in the FY20 Annual Report.

The Middle Rio Grande Storm Water Quality Team (MRGSWQT) provides support for various programs within the Middle Rio Grande. In FY19, this multi-jurisdictional collaboration funded a master student's thesis that studied E coli presence in the river. The results of the thesis showed that E. coli are harbored in riverbed sediments and ultimately the net direction of E. coli transfer (river water to sediment or sediment to water) is unknown. The MRGSWGT also funded dry weather E. coli data collection by college students as part of the Bosque Ecosystem Monitoring Program (BEMP) to better understand the baseline concentration of E. coli prior to storm events.

b(i)(e)A,C,D,E: The COA continues to work with the Albuquerque Bernalillo County Water Utility Authority (WUA) to make improvements to its pump and lift stations. The WUA provides the COA and AMAFCA with copies of Discharge Monitoring Reports (DMRs) each month that report sanitary overflows, should any have occurred, and corresponding disinfection and clean-up efforts. During FY24, one illegal cross connection was reported and the connection was corrected.

b(i)(e)C: The Environmental Health Department continues to work with restaurants to reduce waste sources of bacteria from grease traps.

b(i)(e)D. The Storm Drainage Section continues to work with BioPark staff and perform quarterly Good Housekeeping inspections in an effort to ensure that bacteria from animal waste are not discharged to the MS4.

b(i)(e)E. The COA contributes funding, \$45,000 in FY24, to and participates as a founding member of the Storm Water Quality Team. The Team continues education and outreach efforts to educate residents on the effects of bacteria associated with improper pet waste disposal. RiverXchange educational programs led by Ciudad Soil & Water Conservation District were again funded in FY24. This program supported 42 teachers from local public schools for in-class learning and field trips of 897 5th grade students. More detailed information on these Rio Grande water education programs can be provided upon request. The COA also works with both the Team and the WUA to educate the public with regards to proper oil and grease disposal and the potential for sanitary overflows due to clogged plumbing.

b(i)(e)F. The COA passed a city-wide ordinance to promote the application of green stormwater infrastructure to capture excess runoff and pollutants in FY24. This ordinance is designed "to facilitate water filtration, improve water retention and soil health, and to help recharge the water table". As part of this city effort, the DMD will include features like bioswales, soil sponges, and rainwater collection on new projects. See attachment 6 for the complete ordinance adopted May 20, 2024.

b(iii)(c): The COA continues to work with Bernalillo County (BernCo) and the NM Department of Transportation (NMDOT) on a joint sampling program in the Tijeras Arroyo.

A total maximum daily load for nutrients was approved by the Water Quality Control Commission on September 12, 2017. As a result, the COA has begun to develop Best Management Practices (BMPs) to minimize impacts, if any, due to potential contributions from the urbanized area that makes up about 1% of the watershed.

In addition, during the late spring of FY18, the COA began work on a joint funding agreement (JFA) with the Ciudad Soil Water and Conservation District for the preparation of a Watershed Based Plan (WBP) for the Upper Tijeras Arroyo. The JFA was signed in September 2018 and a request for proposals to prepare the WBP was issued in early 2019. The winning proposal was selected in February 2019 and was provided in the FY19 Annual Report under Attachment 5. A draft WBP was submitted to the New Mexico Environment Department Surface Water Quality Bureau for comment in July 2021 and was finalized in late December 2021.

The COA Open Space Division (OSD) created the Tijeras Arroyo Bio-Zone Resource Management Plan for a 3.7 mile stretch of the arroyo along Tijeras Creek in 2014 with a goal of conserving native vegetation and wildlife habitat and restoring vegetation and wildlife where feasible. The COA is actively working on purchasing property in the arroyo for this purpose. In addition, the OSD and partners (Carnuel Land Grant, Village of Tijeras, Bernalillo County Open Space) are preparing the Tijeras Creek Cultural Corridor Plan that will help the COA and its partners identify cultural and biological themes and assist in planning natural resource objectives. In FY24, an educational center was opened and community trailhead is planned for the future. There are also online resources located at this URL: <https://storymaps.arcgis.com/stories/7ac34a4edaea49bfb89a08221e1e62ef>.

3. Endangered Species Act (ESA) Requirements

a(i) AMAFCA has filled in the low-lying area between the discharge point of the North Diversion Channel (NDC) and the Rio Grande. This area was prone to stagnation and had the potential to develop low DO which could be flushed into the Rio Grande during storm events. AMAFCA continues to monitor this area for DO. The COA continues to install water quality features, such as trash racks and water quality manholes in efforts to collect and reduce trash and debris that contribute to the DO problem.

a(ii) AMAFCA has submitted a revised strategy for reduction of pollutants contributed by the embayment. As stated above, the embayment has been filled in. Annual Incident Take Reports are submitted by AMAFCA to the EPA and Fish and Wildlife Service (FWS).

b(i) See also item 1.e. The COA performed two Sediment Assessment Studies that included an analysis of PCBs and SPLP metals in soils. The first, finalized in October 2016 assessed sediments from 5 major outfall locations. The second, completed in July 2017, further examined potential upstream sources, if any. No PCBs were reported. Metals in general, with the exceptions of Aluminum (Al) and Zinc (Zn) were present at concentrations below detection limits. Detected Al concentrations in the soil ranged from 1.9 to 11 mg/L. Detected Zn concentrations ranged from 0.022 to 0.048 mg/L. The Phase II assessment was provided in the FY18 Annual Report under Attachment 1. The Phase I Assessment was included in the FY17 Annual Report under Attachment 1.

b(iv) A Progress Evaluation Report for the Sediment Pollutant Load Reduction Strategy was submitted in the FY19 Annual Report under Attachment 1. This report was

prepared using the results of several previous studies submitted by the COA including data from the Sediment Assessments as well as the USGS Summary of Urban Stormwater Quality in Albuquerque, 2003-2012. Additional data, provided by Bernalillo County, Southern Sandoval County Arroyo Flood Control Authority (SSAFCA) and AMAFCA, was used to provide baseline sediment loading and relative potential for contamination by these sediments from urban activities for areas draining to the Rio Grande. The results of this study pinpointed areas of highest sediment discharge into the Rio Grande during the permit period, which included the North Diversion Channel and Tijeras Arroyo. Although many BMPs, such as ponds, trash racks, and other water quality structures are already in place to reduce pollutants and sediment loads to these drainages, additional projects to improve water quality will continue to be implemented.

I.D. Stormwater Management Program (SWMP)

A copy of the updated SWMP adapted for compliance under NMR04A000 was included with the first full Annual Report on December 1, 2016. A subsequent update was prepared and submitted in FY19, year 4 of the permit cycle, per requirements (page 7 of Part III, Section B). A copy of the SWMP is available on the COA's DMD MS4 webpage: <http://www.cabq.gov/municipaldevelopment/documents/swmp-11-24-2019-submitted.pdf>. Copies are also available on compact disks that can be mailed to regulators, stakeholders, and others upon request.

5b. Post-Construction Stormwater Management in New Development and Redevelopment

(i) and 7.E (Annual Report Format) The COA's Planning Hydrology Department reviews plans for new development and redevelopment projects that address storm water runoff when one acre or more are disturbed. The allowable discharge is determined on a site-by-site basis and is determined by the COA's and AMAFCA's Drainage Management Plans that freely discharge in some locations and 0.1 cubic foot per second per acre (cfs/ac) in others based upon downstream capacity, not on historic flows.

(ii)(a) Twenty structural stormwater quality features have been installed since the WBP effective date of December 22, 2014. A listing, map, and description of all of the COA's water quality features have been included in this report as Attachment 3. No new features were installed in FY24. Information regarding the COA's ponds, dams, and cattle guards, which also serve to capture trash, debris, and sediment is available upon request.

(ii)(b) An ordinance increasing the volume of capture of the 80th and 90th percentile storm events and supplying provisions for inspection of post construction stormwater controls and enforcement to ensure compliance was introduced to City Council on January 3, 2018, passed on September 17, 2018, and sent to the Mayor for signature on September 25, 2018. Click on the following link for an electronic copy of the ordinance https://codelibrary.amlegal.com/codes/albuquerque/latest/albuquerque_nm/0-0-0-19774#JD_Chapter14Article5Part2.

(ii)(c) Prior to private development construction, Planning Hydrology staff review and approve BMPs designed to capture the 80th and 90th percentile storm events. Planning Hydrology building construction and stormwater quality inspection staff then oversee compliance with federal and local permits during the Construction Phase. Once constructed and permitted, information regarding these features is provided to the Storm

Drainage Section for follow up during the Post-Construction phase. Subsequently, Storm Drainage Section staff investigate complaints related to these features and perform inspections of them every 5 years to ensure proper maintenance. This year 174 reviews of newly constructed “first flush” water quality features were conducted by Planning Hydrology personnel and 195 inspections of features installed within the past 5 years were conducted by Storm Drainage staff. The Storm Drainage post-construction inspection count is shown in Attachment #5. The 5-year Post Construction inspections are required by the COA’s Drainage Ordinance discussed above in (ii)(b).

(vi) Approximately 384 acres of impervious area (IA) was added to the Albuquerque Metropolitan area in FY24. See Attachment 3, Impervious Area Added for a listing. Of this area, roughly 95% drains to first flush ponds and regional features which collect dirt, debris, and trash. Therefore, the directly connected impervious area (DCIA) added in FY24 was 19.2 acres. The methodology for estimating impervious area is based on land use codes and was sent to EPA in the 2013 Annual Report under the former Phase 1 permit NMS000101.

(vii) The COA’s Master Drainage Plan provides a ranking of MS4-owned properties for flood control projects including retrofits. In addition to those identified in the Master Drainage Plan, the COA installs retrofits during construction activities on an as-needed basis or as funding becomes available.

5c. Pollution Prevention/Good Housekeeping for Municipal/Co-permittee Operations

(i)(a) Storm Drainage Inspection staff work with COA facility maintenance personnel to ensure training regarding permit compliance requirements, site-specific best management practices, and spill response procedures is provided. This training is conducted annually and provided to all staff via online presentations. In addition, inspections of maintenance facilities are performed quarterly at a minimum. Inspection staff conducted 117 Good Housekeeping inspections at COA facilities in FY24.

5d. Industrial and High Risk Runoff

(vi) In FY24, COA in-house inspectors performed phone inspections of industrial and high-risk private facilities requiring a Multi Sector General Permit (MSGP). 17 COA facilities that are permitted under the MSGP were inspected each quarter by storm drainage inspectors during this time. Additionally, monthly inspections were performed by COA solid waste inspectors at Cerro Colorado Landfill in FY24.

5e. Illicit Discharges and Improper Disposal

(i)e, ii The COA implemented a 311 complaint system to report illicit discharges in the mid-2000s. In FY24 the COA added capacity in GIS to allow inspectors to provide information and pictures while out in the field. There were eighty-two 311 calls recorded on the old tracking system and 25 separate cases on the new ArcGIS Pro system for a total of 107 reports filed. See Attachment 4 for a map showing the locations of discharges and a listing of the types of discharges. Individual reports, including more detailed descriptions, photos, and resolution are available upon request.

(iv)A,C The Storm Drainage Section of the Department of Municipal Development (DMD) coordinated with the Solid Waste Department (SWD) to host one Household Hazardous Waste (HHW) recycling event in FY24. 152 residents participated in the event,

held on March 30, 2024, during which approximately 13,425 pounds (lbs) of HHW and non-regulated solid waste were collected or just over 88 lbs/customer.

In addition, 13,096 participants disposed of 541,139 lbs of HHW throughout FY24 at the HHW collection center run by a contractor on behalf of the COA SWD. Of this amount, about four-fifths were recycled (429,453 lbs) and diverted from the landfill. This was about a 40% increase over FY23. An additional 12,414 lbs of materials were submitted by 1674 individuals for reuse at the Material Reuse Center, which was about 20% less participation from FY23.

(vii) In addition to using the 311 complaint system to pinpoint illicit discharges, the COA implemented an Illicit Discharge Detection and Elimination (IDDE) inspection program in FY16 to mitigate the influence of discharges with lower risk but higher likelihood of occurrence. At the onset of the program, a local environmental consulting firm was hired to supply staff to perform these inspections. These inspection results were summarized in a report submitted in the FY19 Annual Report as Attachment 9. The COA hired an inspector supervisor and 3 inspectors as permanent employees in FY17 to assist in IDDE inspection and data tracking efforts. In late FY18, COA inspectors took over the IDDE inspection program. 107 IDDE complaints were investigated by COA engineers and inspectors in FY24. In FY24, the COA added an additional permanent stormwater inspector to the staff for a total of four stormwater inspectors.

5f. Control of Floatables Discharges

(iii). Street Sweeping crews picked up approximately 4,297 tons of dirt and debris from 29,925 miles of COA Right of Way in FY24. Dirt comprises about 65% of the material picked up by street sweepers with debris making up the remaining 35%. Of the debris, roughly 70% is vegetation. The remaining waste is comprised of plastics (bottles, bags, containers/lids) at 15%, paper and cardboard at 10%, and metal at 5%.

In addition, the COA's Arroyo Maintenance Section cleaned over 1,644 cubic yards of dirt, trash, debris, and vegetation from the storm drain system during FY24.

III.A. Monitoring and Assessment

1. Wet Weather Reporting: Permit requirements called for the submission of 7 samples by the end of the permit term. To cooperatively meet this requirement, the CMC submitted a sampling and analysis plan to EPA Region 6 for approval in June 2016. The CMC collected compliance samples through the rest of the permit term and in FY19 collected the one remaining sample required by the permit. The permit expired on December 19, 2019 and no further sample collection efforts are required. However, as a good faith effort, the COA and other CMC members have continued to fund sampling efforts during this period of administrative continuance. As discussed on page 2 under "Discharges to Impaired Waters", one in-stream sample was collected during the wet season in FY24. The results are provided in Attachment 1 of this report. Results indicate that E. coli waste load allocations were acceptable in both the northern and southern segments of the Middle Rio Grande during this wet season sampling event.

2. Dry Weather Reporting: Dry weather screening is performed at 40 locations (24 direct discharge points to the Rio Grande and an additional 16 locations to assess subwatersheds). See Attachment 5 for results.

3. Floatables Reporting: See item 5f above. In addition, an estimated 62 cubic yards of floatables were removed from the Barelvas Pump Station in FY24, the COA's selected floatables monitoring location. AMAFCA provides the information on floatables monitoring in the NDC.

4a. Industrial and High Risk Reporting: The COA's landfill is located outside of the MS4 and drains to the Rio Puerco rather than the Rio Grande. Nonetheless, the landfill is permitted under the federal MSGP.

4.b COA's transfer stations, solid waste station at Pino Yards, transit stations, warehouse and streets facilities, all located within the MS4, are classed as sector P. Because of sporadic localized events that often occur during evening, weekends and other non-work hours, it is often difficult to obtain results. Quarterly visual inspections are completed and samples are taken when possible. Copies of inspections are available upon request. Per changes in the 2021 MSGP, which went into effect on March 1, 2021, monitoring for appropriate constituents took place at all permitted facilities in FY24 and were reported in the NetDMR system. These samples are collected via a combination of passive and auto sampling techniques. Copies of the DMRs are available upon request.

ADDITIONAL INFORMATION TO SUPPLEMENT REPORT FORM

Item 3. Public Participation and Education

C. The COA Storm Drainage staff participated in and the Storm Drainage Section contributed \$45,000 in dues to the MRGSWQT in FY24 Outreach activities performed by the 10 agencies that comprise the MRGSWQT are provided in the Outcomes Report found on their webpage at <https://keeptheriogrand.org/>. Additional COA public participation and outreach activities that pertain to watershed enhancement and improvement of stormwater quality, such as tree plantings, trash clean up, or educational walking tours conducted in the Bosque or Sandia Foothills are described below.

There were a number of COA Open Space Division (OSD) clean-up events along the trails and Rio Grande in FY24. Outreach has occurred along the trails by staff encouraging visitors to keep the areas clean and free from trash. In addition, 484 volunteers removed 46 cubic yards of trash, 20 bags of recyclables, 43 gallons of glass, and 65 pounds of dog waste from 6 trailheads during spring clean-up, Dia del Rio, Make a Difference Day, National River Cleanup Day and National Trails Day.

The SWD Keep Albuquerque Beautiful campaign sponsors annual clean up events in each of the four quadrants of the metropolitan area over the course of the year. Neighborhood groups and individuals collect trash and drop it off at select locations to be recorded. In FY24, there were over 10 events held, including Junk Jog, FixIt Clinic, Recyclothes, and others. A total of 1,068 volunteers participated in all the events. Between recycling center tours and community event presentations, 5,641 people participated in SWMD educational programs. More detailed data for these events can be provided upon request.

Environmental Health Department (EHD) staff volunteer to conduct hikes in the Bosque and Sandia Foothills to promote environmental awareness. During these hikes, the importance of stormwater quality and its effect on the habitat and its interconnection and value to the freshwater supply is discussed. On the Bosque Wild hike along the Rio Grande 108 residents participated, while on the Foothills Wild hike 37 residents joined in FY24.

Item 5. Illicit Discharges

C. There are 24 direct discharge points to the Rio Grande. Assessment of industrial and commercial development within sub-watersheds of the Albuquerque Metropolitan area has led to the selection of 16 additional dry weather screening locations in channels and arroyos. In total, 40 locations are monitored per MS4 permit requirements for the COA's dry weather screening program. See Attachment 4, Dry Weather Screening for the results.

J. During the reporting period from July 1, 2023 through June 30, 2024, 76 improper discharge related complaints were reported to the 311 system and investigated by a City storm drainage engineer or inspector. See Attachment 4 for a map indicating location and type of discharge as well as additional details on the spill response. One illegal cross connection between the sanitary and storm sewer system was reported and corrected in FY24.

Item 8. Program Resources

D. If fully staffed, 27 full time employees that perform work related to the COA's MS4 include: 16 Arroyo/Storm Drainage Maintenance personnel, 9 Storm Drainage Design/NPDES personnel (consisting of a Section Manager, 4 engineers, 1 supervisor inspector, and 4 inspectors), and 1 Stormwater Quality Engineer and 1 Construction Inspector in the Planning Hydrology Department. Since FY20, the COA has been dealing with staff shortages and is attempting to fill vacancies. In FY24, 2 engineers and 2 stormwater inspectors joined Storm Drainage Design.

In addition to FTE's employed by the COA, the Storm Drainage Section budgets and spends approximately \$255,000 per year on consultants hired solely to perform NPDES permit compliance tasks. This is the equivalent of 2.5 FTE's. The Clean City Solid Waste program also employs 70 FTEs and uses 80 contractor positions to collect and dispose of trash that would otherwise make its way into the COA's MS4. Additionally, 20 employees in Street Maintenance perform street sweeping in support of dirt and debris removal efforts.

Finally, Parks and Open Space personnel conduct restoration projects, host citizen clean up days, and perform education and outreach related to stormwater quality. Also, Parks design project managers continue to work on the installation of green stormwater infrastructure in our COA parks, such as native plantings, permeable paving, and bioswales.

Attachment 1a

Wet Weather Monitoring Results

Waste Load Allocation Results

MEMORANDUM

DATE: 9/6/2024

TO Patrick Chavez, AMAFCA

FROM: Sarah Ganley, PE, ENV-SP
Savannah Maynard
Emma Adams, EI

SUBJECT: **CMC Dry Season, Wet Weather Stormwater Monitoring
Data Verification, Analysis Results Database, and Reporting Memo
FY 2024 Dry Season (Nov. 1, 2023 to June 30, 2024)**

NOTIFICATION OF IN-STREAM WATER QUALITY EXCEEDANCES

For downstream notification purposes, the following parameters for in-stream samples taken in the Rio Grande for the FY 2024 dry season had results that exceeded applicable water quality standards (WQSs) for four (4) samples of E. coli, two (2) samples of polychlorinated biphenyls (PCBs), and one (1) sample of dissolved copper. Table 1 summarizes the samples and the applicable WQSs that were exceeded. Additional details on the sampling results shown in Table 1 are provided in this memo. In addition, this memo includes a discussion of two (2) sample results with dissolved oxygen (DO) that were below WQSs, likely due to composite field-testing.

**Table 1: Parameters Detected Above Applicable Water Quality Standards
 CMC FY 2024 Dry Season Monitoring**

| Sampling Date Location | Parameters, Applicable Water Quality Standard (WQS), and Results Exceeding Applicable WQS | | |
|---|---|---|---|
| | E. coli | PCBs | Dissolved Copper |
| | WQS: 88 MPN (CFU/100 mL) Pueblo of Isleta Primary Contact Ceremonial & Recreational | WQS: 0.00017 ug/L Pueblo of Isleta Human Health Criteria (based on fish consumption only) | WQS: Acute / Chronic: 8 ug/L / 12 ug/L Aquatic Life Acute/Chronic Values are based on a hardness for Pueblo of Isleta, Pueblo of Sandia and New Mexico WQSs |
| 12/14/2023 Rio Grande South Isleta Dam | Exceeded 235.9 MPN (CFU/100 mL) | Exceeded 0.0002908 ug/L | No Exceedance |
| 6/26/2024 Rio Grande North Angostura | Exceeded 108 MPN (CFU/100 mL) | No Exceedance | No Exceedance |
| 6/26/2024 Rio Grande at Alameda | Exceeded 97 MPN (CFU/100 mL) | Not Tested | Not Tested |
| 6/27/2024 Rio Grande South Isleta Dam | Exceeded 644 MPN (CFU/100 mL) | Exceeded 0.000323 ug/L | Exceeded 10 ug/L |

OVERVIEW OF STORMWATER MONITORING ACTIVITY

Bohannon Huston, Inc. (BHI) has been tasked to perform water quality services for the Compliance Monitoring Cooperative (CMC) Stormwater Data Verification, Database, and Reporting for the Dry Season, Wet Weather Stormwater Quality Monitoring Program for Fiscal Year (FY) 2024 (Nov. 1, 2023 to June 30, 2024). The scope of work for this task includes data verification of the stormwater laboratory analysis results, compiling the analysis results into a database, and calculating the E. coli loading to compare with the Waste Load Allocation (WLA) for qualifying storm events. The stormwater compliance monitoring was conducted separately by Daniel B. Stephens & Associates, Inc. (DBS&A) and is not a part of this BHI task. This task is being conducted to assist the CMC members with their comprehensive

monitoring and assessment program for compliance under the 2014 Middle Rio Grande (MRG) Watershed Based Municipal Separate Storm Sewer System (MS4) Permit, NPDES Permit No. NMR04A000 ("WSB MS4 Permit").

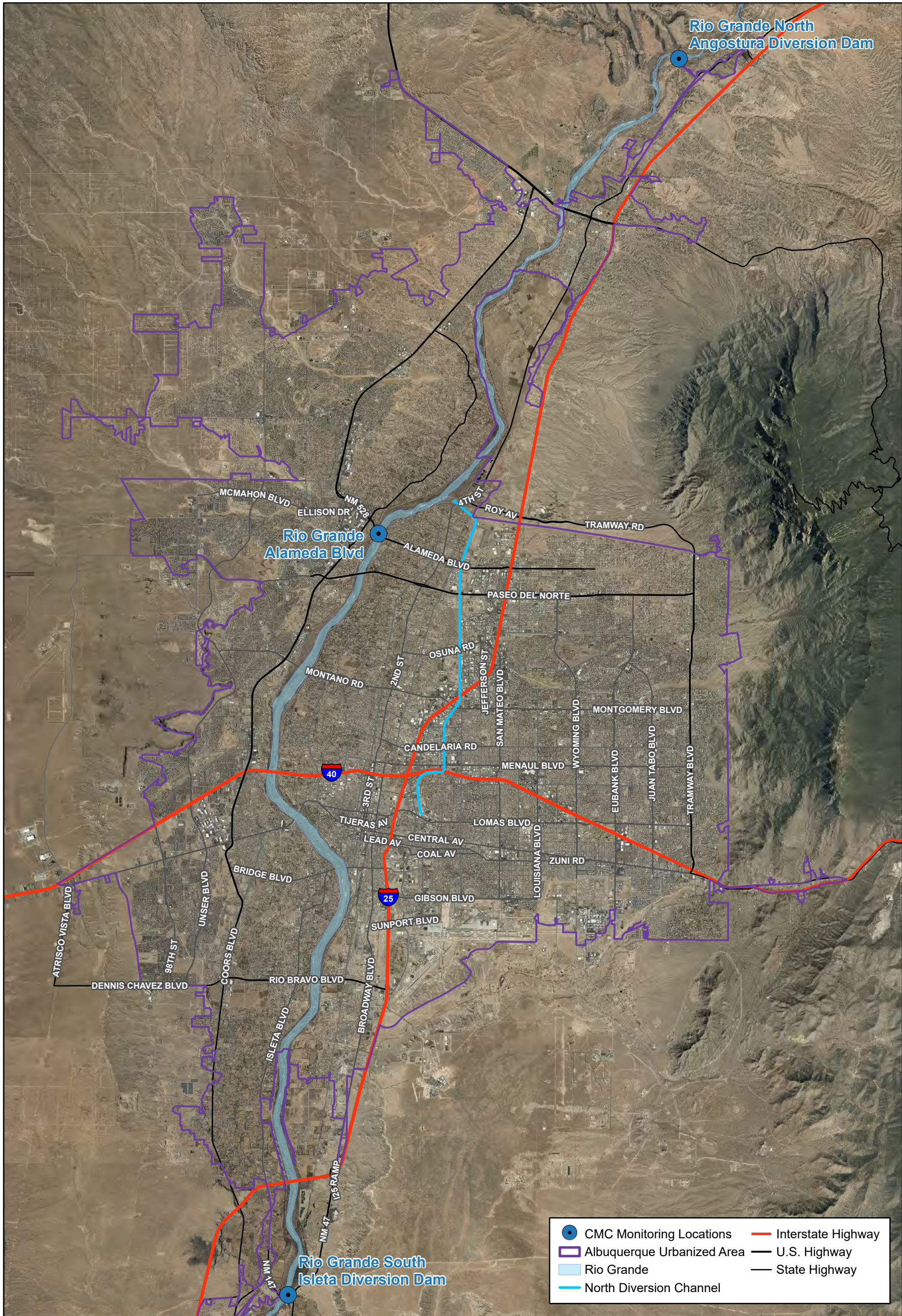
The WSB MS4 Permit entered Administrative Continuance in December 2019 when U.S. Environmental Protection Agency (EPA) Region 6 did not issue a new MS4 Permit before the current WSB MS4 Permit's expiration date. The MRG Technical Advisory Group (TAG) sent EPA a letter dated October 15, 2019, acknowledging Administrative Continuance after the expiration date of the 5-year WSB MS4 Permit term. Until a new WSB MS4 Permit is issued, there are no compliance monitoring requirements for the CMC in the Rio Grande. As identified in the WSB MS4 CMC Monitoring Plan, the WSB MS4 Permit required a minimum of seven (7) storm events be sampled at both the Rio Grande North and Rio Grande South locations (refer to Figure 1, page 4). All MS4 Permit required samples have been obtained by the CMC, as well as six (6) additional samples obtained during Administrative Continuance (FY 2021 through FY 2024); all 13 CMC samples are summarized in Table 2 below.

**Table 2: CMC Sample Summary
 Compared to WSB MS4 Permit Requirements**

| Storm Events Required to Sample | CMC-WSB MS4 Permit Required Samples per Season | FY (Date) Samples Obtained for CMC |
|--|---|---|
| 1 | #1 Wet Season | FY 2017 (8/10/2016) |
| 2 | #2 Wet Season | FY 2017 (9/12/2016) |
| 3 | #3 Wet Season | FY 2017 (9/21/2016) |
| 4 | #1 Dry Season | FY 2017 (11/21/2016) |
| 5 | #2 Dry Season | FY 2019 (3/13/2019) |
| 6 | Any Season | FY 2018 (Wet Season - 7/27/2017) |
| 7 | Any Season | FY 2018 (Wet Season - 9/27/2017) |
| Not Required | Wet Season | FY 2021 (10/28/2020) |
| Not Required | Dry Season | FY 2021 (4/28/2021) |
| Not Required | Wet Season | FY 2022 (9/1/2021) |
| Not Required | Wet Season | FY 2023 (10/5/2022) |
| Not Required | Dry Season | FY 2024 (12/14/2023) |
| Not Required | Dry Season | FY 2024 (6/26/2024) |

During the WSB MS4 Permit Administrative Continuance, the CMC members chose to continue sampling within the Rio Grande to support their MS4 program needs and gather additional data in support of the future WSB MS4 Permit compliance. This memo reports on the wet weather stormwater monitoring activity for the FY 2024 dry season (Nov. 1, 2023 to June 30, 2024).

The CMC Excel database was updated with the FY 2024 dry season monitoring data as results were received. The database contains sample location, sample date, analyses conducted, methods used, applicable surface WQs, WSB MS4 Permit required Minimum Qualification Levels (MQLs) and results.



CMC Monitoring

**Figure 1
Monitoring Locations**

SUMMARY OF THE CMC SAMPLING PLAN

Sampling Parameters:

Samples from both the Rio Grande North and Rio Grande South monitoring locations were analyzed for the parameters defined in the EPA approved WSB MS4 CMC Monitoring Plan, May 5, 2016. The parameter list for both locations, which is intended to characterize stormwater discharges into the river, is as follows:

- Total Suspended Solids (TSS)
- Total Dissolved Solids (TDS)
- Chemical Oxygen Demand (COD)
- Biological Oxygen Demand – 5-day (BOD₅)
- Dissolved Oxygen (DO)
- Oil & grease (N-Hexane Extractable Material)
- E. coli
- pH
- Total Kjeldahl Nitrogen (TKN)
- Nitrate plus Nitrite
- Dissolved Phosphorus
- Ammonia as Nitrogen
- Nitrogen (Total Nitrogen)
- Phosphorous (Total Phosphorous)
- Polychlorinated Biphenyls (PCBs - Method 1668A)
- Gross Alpha, adjusted
- Tetrahydrofuran
- Benzo(a)pyrene
- Benzo(b)fluoranthene (3, 4 Benzofluoranthene)
- Benzo(k)fluoranthene
- Chrysene
- Indeno (1,2,3-cd) Pyrene
- Dieldrin
- Pentachlorophenol
- Benzidine
- Benzo(a)anthracene
- Dibenzofuran
- Dibenzo(a, h)anthracene
- Chromium VI (Hexavalent)
- Dissolved Copper
- Dissolved Lead
- Bis (2-ethylhexyl) phthalate
- Conductivity
- Temperature
- Hardness (as CaCO₃)
- Per-and polyfluoroalkyl substances, known as PFAS

Hardness (as CaCO₃) was added to the parameter list to allow dissolved metal results to be compared to the applicable WQSs. Per the WSB MS4 Permit, DO, pH, conductivity, and temperature are required by to be analyzed in the field during sample collection, which was conducted by DBS&A, within 15 minutes of sample collection. All E. coli samples were submitted to the laboratory within eight (8) hours of collection in order to meet the specified hold time. Testing for PFAS was added to the parameter list by the CMC in 2024, and the June 2024 sample included PFAS testing.

Sampling Locations:

The sampling locations are shown in Figure 1, page 4.

Rio Grande North – In-stream sampling within the Rio Grande was performed upstream of the Angostura Diversion Dam at the north end of the watershed. The location is upstream of all inputs from the Urban Area (UA) to the river and provides the background water conditions.

Rio Grande South – In-stream sampling within the Rio Grande was performed at the Isleta Bridge at the south end of the watershed. The location is downstream of all inputs from the UA to the river and provides the downstream water conditions. These locations have been accepted by EPA and the New Mexico Environment Department (NMED) to meet the WSB MS4 Permit requirements in Part III.A.

During this FY 2024 dry season, two (2) E. coli samples were collected within the Rio Grande at Alameda Blvd. This is the location of the NMED defined stream segment divide (refer to Figure 6). This sample point was added after discussion with NMED in February 2017, regarding potential refinements to E. coli loading calculations.

Sample Collection:

As mentioned previously, sample collection for the CMC was conducted by DBS&A (through a separate on-call contract). Since BHI was not involved in the sample collection, this task and memo do not address the details of the methodologies regarding sampling, determining if an event was a qualifying storm event, or determining the timing of the hydrograph at the Rio Grande Alameda and Rio Grande South locations.

DBS&A provided BHI their field notes and field sample data (temperature, DO, specific conductivity, and pH) for the FY 2024 dry season sampling. AMAFCA provided BHI the completed laboratory analysis reports from Eurofins Environment Testing for this monitoring season.

Quality Assurance Project Plan (QAPP):

AMAFCA provided BHI with the Draft Quality Assurance Project Plan (QAPP) for the CMC, dated June 14, 2016. DBS&A followed this QAPP during sample collection. BHI used this QAPP and the included standard operating procedures (SOPs) for the data verification and validation.

MONITORING ACTIVITY & LAB ANALYSIS SUMMARY

The list below provides a summary of the CMC comprehensive monitoring program activities completed for the FY 2024 dry season from November 2023 through June 2024. Two (2) qualifying storm events were sampled and analyzed during the FY 2024 dry season.

- **December 13-14, 2023 – Qualifying Storm Event.** Samples were collected December 13, 2023, at the Rio Grande North and Alameda Blvd. locations beginning at 12:00 p.m. and 1:25 p.m., respectively. These samples were sent to the laboratory for E. coli testing. The CMC determined that the storm event beginning December 13, 2023 was a qualifying storm event. A Rio Grande South sample was collected beginning at 2:45 p.m. on December 14. The samples from the North (collected December 13) and South (collected December 13) locations were taken to Eurofins Environment Testing for full parameter testing.
- **June 26-27, 2024 – Qualifying Storm Event.** Samples were collected June 26, 2024 at the Rio Grande North and Alameda Blvd. locations beginning at 3:05 p.m. and 4:28 p.m., respectively. These samples were sent to the laboratory for E. coli testing. The CMC determined that the storm event beginning June 26, 2024 was a qualifying storm event. A Rio Grande South Sample was collected at 1:10 p.m. on June 27, 2024. The samples from the North (collected June 26) and South (collected June 27) were taken to Eurofins Environment Testing for full parameter testing.

STORMWATER QUALITY DATABASE FOR CMC

As stated previously, there were two (2) qualifying storm events during the FY 2024 dry season, wet weather monitoring sampled by the CMC, which occurred December 13-14, 2023 and June 26-27, 2024. DBS&A's field notes containing DO, pH, conductivity, and temperature measurements, as well as sampling comments have been received, and field results have been added to the database. Additionally, the Eurofins Environment Testing reports for the corresponding time period have been received, added to the database, and are provided with this memo (Attachment 1). The laboratory reports attached to this memo have BHI added comments including the field parameter measurements and other relevant notes related to the laboratory report.

Database Data Entry:

The CMC Excel database was updated with the FY 2024 dry season, wet weather monitoring data. The database contains sample locations, sample date, analyses conducted, methods used, applicable surface water quality standards (WQSs), WSB MS4 Permit required Minimum Quantification Levels (MQL), and analysis results. The database was updated under this task to include the Rio Grande at Alameda sample location. Applicable surface WQSs found in New Mexico Administrative Code (NMAC) 20.6.4, as well as the Pueblo of Isleta WQSs, are entered in the Excel database for comparison purposes with testing results. There is an indicator in the database to show if the monitoring results exceed the applicable surface WQS. An exceedance is not a violation of the WSB MS4 Permit, as the Permit does not have numeric discharge limitations. These ">WQ Standard" flags simply and quickly show the CMC members where the results of the lab data exceed the applicable WQS.

Water quality data was entered into the database upon receipt of the lab reports. All data entered into the database is initially denoted with a "P" to indicate that it is provisional and has not been through the verification and validation process yet. Full parameter analyses of qualifying storm events for both Rio Grande North and Rio Grande South locations were entered respectively into the database. The E. coli only samples from the Rio Grande Alameda location were also entered into the database.

Data Verification and Validation:

The Eurofins Environment Testing analysis reports were provided to BHI by AMAFCA. The lab reports also contain the Chain of Custody for the submitted samples. Field data was requested by and provided to BHI by DBS&A. Data verification and validation (V&V) was conducted by BHI on all field notes, lab reports, and Chain of Custody documents in accordance with the CMC WQS Operating Procedure (SOP) #2, which is part of the existing CMC QAPP Draft, June 14, 2016. These procedures are based on EPA Guidance for Environmental Data Verification and Validation (EPA, 2008).

As stated in the QAPP, the V&V process was completed by a different person than the one who entered the data into the database. The V&V process included use of the *Data Verification and Validation Worksheet* (provided in the QAPP). For this task, field data was verified first, confirming all field notes were complete. BHI handled field parameter questions directly with DBS&A. Chemical data verification began as soon as the lab reports were received, checking that all parameters were tested and looking for any obvious exceedances of WQSs. Other steps listed on the *Data Verification and Validation Worksheet* were completed after all data from the laboratory was received and entered into the database. Sample blank results were reviewed to identify potential contamination during field processing or transport. Replica/duplicate samples were evaluated based on relative percent difference (as described in more detail in the QAPP) to determine the variability of the samples.

All CMC FY 2024 dry season data met the appropriate QA/QC requirements for the December 2023 samples. For the June 2024 samples, the lab reports did not provide results for ammonia or Benzo[a]pyrene. In addition, the June 26-27, 2024 samples had some QA/QC issues, which are documented in the lab reports in Attachment 1 as well as in the data V&V worksheets in Attachment 2. If any data did not meet the appropriate QA/QC requirements, it was assigned an appropriate laboratory qualifier or validation code. A summary of validation codes is provided in the QAPP as well as in the lab reports in Attachment 1.

Once the V&V process was completed, the worksheets were signed. Copies of the V&V worksheets are provided with this memo (Attachment 2). In the database, data that was checked during the V&V process was then changed from being denoted with a "P" for provisional to a "V" for verified, and laboratory qualifiers were added, as needed.

CMC FY 2024 DRY SEASON ASSESSMENT AND EVALUATION OF MONITORING RESULTS

The EPA approved WSB MS4 CMC Monitoring Plan, May 5, 2016, has 33 parameters to monitor at the Rio Grande North and Rio Grande South monitoring locations. This does not include PFAS, which is a new parameter the CMC chose to add. Of these 33 parameters, 15 parameters were not detected in the FY 2024 dry season samples at either the Rio Grande North or South locations. Refer to Table 3 for a list of the parameters that were not detected.

**Table 3: Parameters Not Detected
 CMC FY 2024 Dry Season Monitoring**

| Parameters Not Detected | |
|--|--------------------------|
| Oil and Grease (N-Hexane Extractable Material) | Dissolved Lead |
| Tetrahydrofuran | Dieldrin |
| Benzo(b)fluoranthene (3, 4 Benzofluoranthene) | Pentachlorophenol |
| Benzo(k)fluoranthene | Benzidine |
| Chrysene | Benzo(a)anthracene |
| Indeno (1,2,3-cd) Pyrene | Dibenzofuran |
| Bis (2-ethylhexyl) Phthalate (other names: Di(2-ethylhexyl)phthalate, DEHP) | Dibenzo(a,h)anthracene |
| | Chromium VI (Hexavalent) |

For the remaining parameters on the CMC monitoring parameter list, three (3) parameters (E. coli, PCBs, and Dissolved Copper) had exceedances of the applicable surface WQS found in New Mexico Administrative Code (NMAC) 20.6.4 and the Pueblo of Isleta WQS during the FY 2024 dry season. Additionally, two (2) samples were showing dissolved oxygen (DO) below WQSs. All exceedances are discussed below in further detail.

E. coli:

The E. coli results collected during the FY 2024 dry season are summarized in Table 4.

**Table 4: E. coli Results
 CMC FY 2024 Dry Season Monitoring**

| Date – Rio Grande Location | E. coli Results MPN (CFU/100 mL) |
|--|-------------------------------------|
| December 13, 2023 – Rio Grande North, Isleta Dam | 20 |
| December 13, 2023 – Rio Grande at Alameda | 55.6 |
| December 14, 2023 – Rio Grande South, Isleta Dam | 235.9 |
| June 26, 2024 – Rio Grande North Angostura | 108 |
| June 26, 2024 – Rio Grande at Alameda | 97 |
| June 27, 2024 – Rio Grande South, Isleta Dam | 644 |

At the Rio Grande North location (upstream of the Albuquerque UA, at the Angostura Diversion Dam), two (2) samples were collected and tested for E. coli. The lab results for the December 13, 2023 sample showed that the sample had an acceptable E. coli concentration, below the primary contact-single sample Pueblo of Isleta WQS (88 CFU/100 mL). The E. coli result on June 26, 2024 exceeded the primary contact-single sample Pueblo of Isleta WQS (88 CFU/100 mL).

At the Rio Grande South location (downstream of the MS4 UA), two (2) samples were collected and tested for E. coli. The December 14, 2023 sample exceeded the primary contact-single sample Pueblo of Isleta WQS (88 CFU/100 mL) but was below the primary contact-single sample NMAC WQS (410 CFU/100 mL). The June 27, 2024 sample exceeded both the primary contact-single sample Pueblo of Isleta WQS (88 CFU/100 mL) and the primary contact-single sample NMAC WQS (410 CFU/100 mL).

In addition, the CMC collected two (2) E. coli samples in the Rio Grande at Alameda Blvd. during the FY 2024 dry season. The Alameda Blvd. analysis point was based on discussions with NMED in February 2017 on collecting actual E. coli data at the stream segment divide verses using an area percentage (as defined in the TMDL) for E. coli loading calculations. The lab results showed that the sample had an acceptable E. coli concentration below the primary contact-single sample Pueblo of Isleta WQS (88 CFU/100 mL) and the primary contact-single sample NMAC WQS (410 CFU/100 mL) for the December 13, 2023 sample. But for the June 26, 2024 sample, the lab results showed that the sample slightly exceeded the primary contact-single sample Pueblo of Isleta WQS (88 CFU/100 mL) but was below the primary contact-single sample NMAC WQS (410 CFU/100 mL).

As a reminder, in January 2017 the CMC members clarified with NMED that the units MPN/100 mL and CFU/100 mL are considered to be interchangeable for the purposes of this stormwater quality monitoring reporting. The New Mexico and Pueblo of Isleta WQSs for E. coli are currently in units of CFU/100 mL, while the lab reports are typically in units of MPN/100mL. The graph presented in this section uses units of CFU/100 mL to be consistent with the WQS units. Refer to Figure 2 for a graphical representation of E. coli results from December 2023 through June 2024.

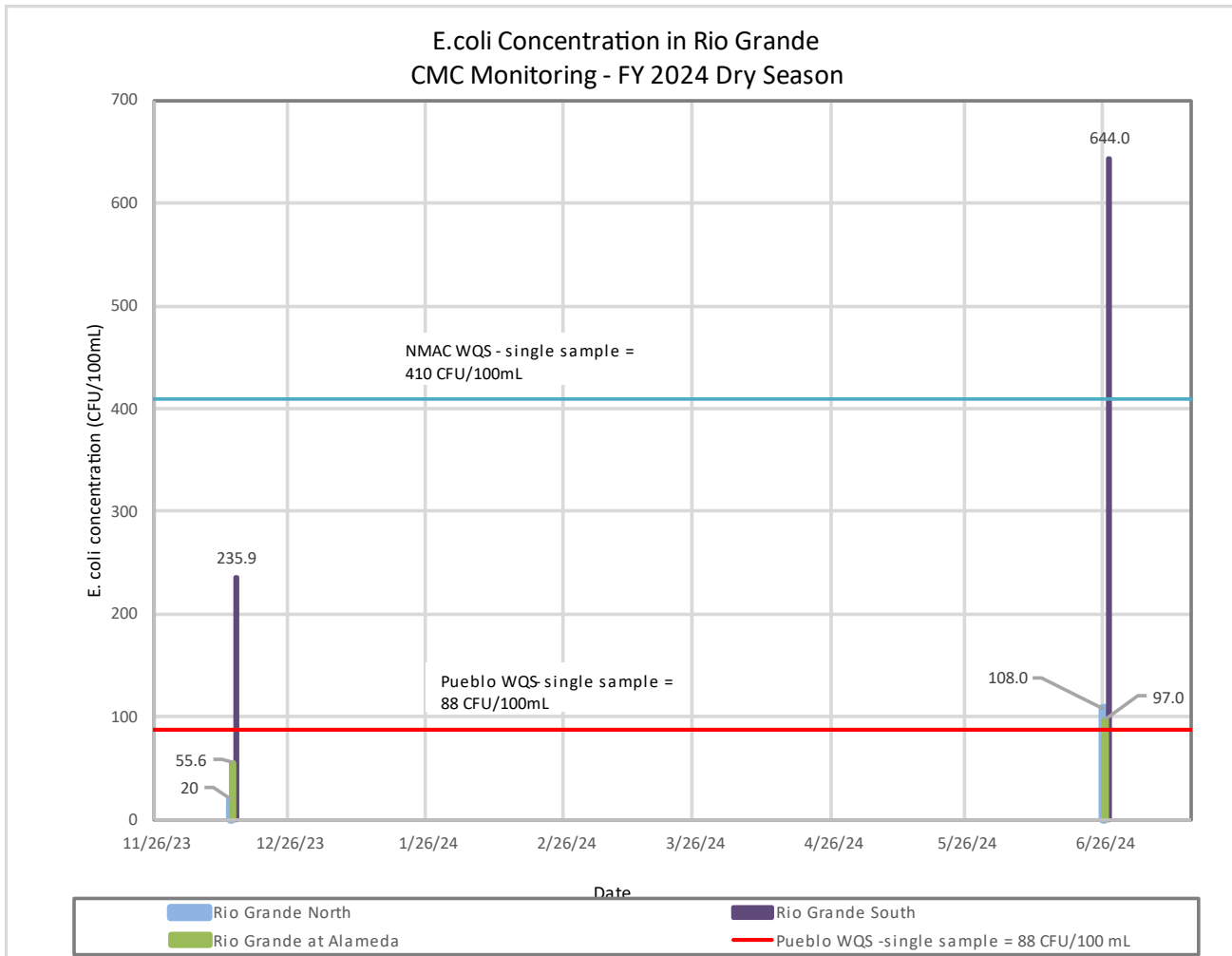
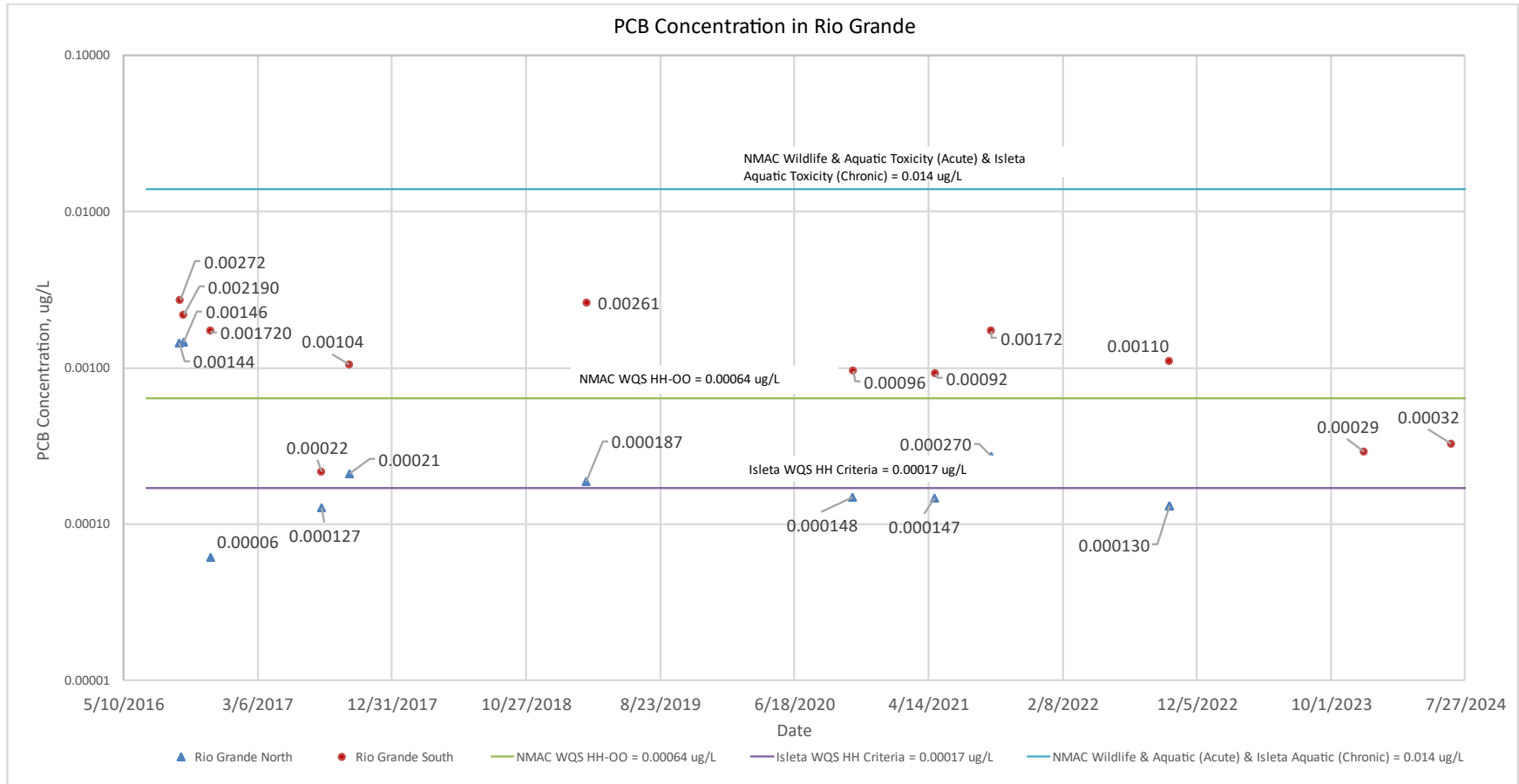


Figure 2: E. coli Monitoring Results in Rio Grande CMC Monitoring – FY 2024 Dry Season

PCBs:

There are multiple surface WQS values listed for PCBs in both the Pueblo of Isleta and the State of New Mexico standards for the various designated uses. The PCB results for samples collected from the Rio Grande during the FY 2024 dry season stormwater events were below the minimum quantification level (MQL) established in EPA standards for the MS4 NPDES Permit (Appendix F, 0.2 ug/L for PCBs). PCBs were not detected for the both the December 2023 and June 2024 Rio Grande North samples. However, both samples from the Rio Grande South location were above the Pueblo of Isleta human health criteria (based on fish consumption only) WQS for surface waters. The human health-organism only criterion is based upon human consumption of fish and other aquatic life that bioaccumulate contaminants over time. The PCB results from 2016 through 2024 are shown in Figure 3, relative to several of the WQSs for PCBs.



**Figure 3: PCB Monitoring Results in Rio Grande
 CMC Monitoring – 2016 - 2024**

Gross Alpha, Adjusted:

The December 2023 and June 2024 samples did not exceed the New Mexico and Pueblo of Isleta WQSs for gross alpha, adjusted. The WQS for gross alpha, adjusted is the same value for both the NMAC 20.6.4 Water Quality Criterion and Pueblo of Isleta. The WQS of 15 pCi/L (“pCi/L” means picocuries per liter) is a general standard for the Pueblo of Isleta; for New Mexico it is based on Domestic Water Supply and Livestock Watering designated uses.

The last exceedance for gross alpha, adjusted for CMC sampling was reported for the October 6, 2022, Rio Grande South sample. The CMC will continue to closely evaluate this parameter in future samples. If additional exceedances occur, the CMC will discuss the results further and may consult NMED for further guidance.

Dissolved Copper:

The June 27, 2024 sample result of 10 ug/L for the Rio Grande South at Isleta Dam exceeded the New Mexico, Pueblo of Sandia, and Pueblo of Isleta WQS for dissolved copper. The acute WQS for dissolved copper is 8 ug/L for the NMAC 20.6.4 Water Quality Criterion, Pueblo of Sandia, and Pueblo of Isleta; the Aquatic life Acute value is based on hardness of 90 mg/L.

Most dissolved copper CMC results for the Rio Grande South at Isleta Dam have been <1 ug/L. The previous highest result was 1.5 ug/L for CMC sampling reported for September 2, 2021 for the Rio Grande South sample. The CMC will continue to closely evaluate this parameter in future samples. If additional exceedances occur, the CMC will discuss the results further and may consult NMED for further guidance.

Dissolved Oxygen (DO) and Temperature:

Two (2) of the water quality parameters are specifically worth mentioning in this memo because they are listed in the WSB MS4 Permit, Part I.C.1 – Special Conditions: dissolved oxygen (DO) and temperature. The temperature parameter did not have any surface water quality exceedances during the FY 2024 dry season sampling.

DO is a water quality concern in the Rio Grande if it is below 5 mg/L. The samples taken on June 26, 2024 at Rio Grande North and Rio Grande at Alameda had DO values below 5 mg/L. These values were not reported as exceedances because the reported field values were taken from a fifth composite sample when the previous four (4) other samples were above 5 mg/L. From the CMC Sampling data sheet of both the Rio Grande North and the Rio Grande at Alameda, the temperature of the sample increases within the hour of composite testing due to ambient air temperature, and the DO decreases due to the inverse relationship between the two parameters. The DO reported lower than 5 mg/L was not due to the stormwater runoff that occurred but due to the sampling protocol, which impacted the reported DO.

This provides the MS4s with specific monitoring data showing that stormwater did not cause or contribute to exceedances of applicable DO WQSs in the Rio Grande from any of the CMC samples from 2016 to 2024. Refer to Figure 4 for CMC DO results and comparison to applicable WQSs.

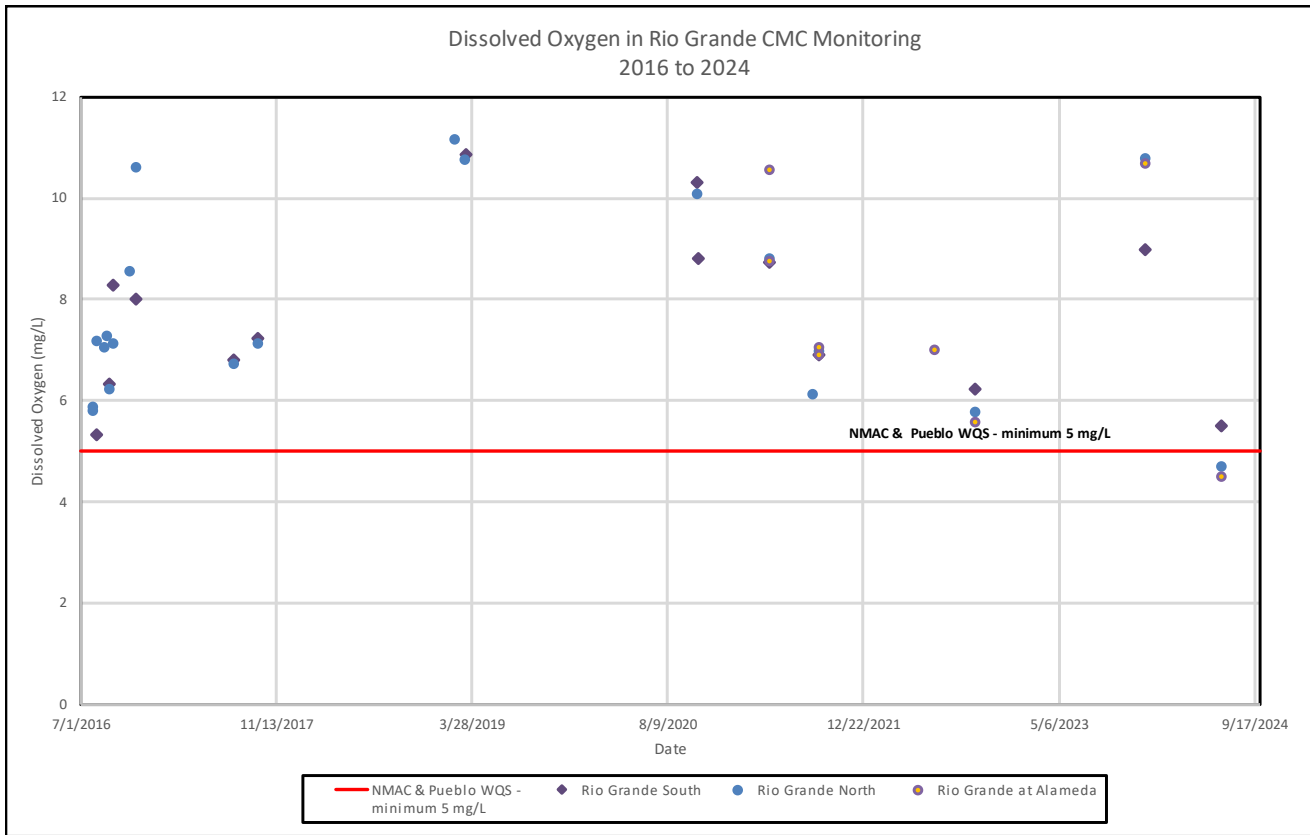


Figure 4: Dissolved Oxygen (DO) Monitoring Results in the Rio Grande CMC Monitoring – 2016 – 2024

Temperature is listed in the WSB MS4 Permit as a special condition (currently only applicable to the City of Albuquerque and AMAFCA). Past data submitted to EPA and NMED by the MS4 permittees have proven that stormwater discharges into the Rio Grande are not raising the Rio Grande temperature above the WQSs. The data collected during this FY 2024 dry season monitoring also supports this conclusion. All the temperature field readings taken in the Rio Grande during the CMC FY 2024 dry season were below 32.2°C (90°F), which is the WQS for the State of New Mexico and for the Isleta and Sandia Pueblos. Refer to Figure 5 for temperature results and comparison to applicable WQSs for all CMC samples taken upstream and downstream of the MRG MS4 area from 2016 to 2024.

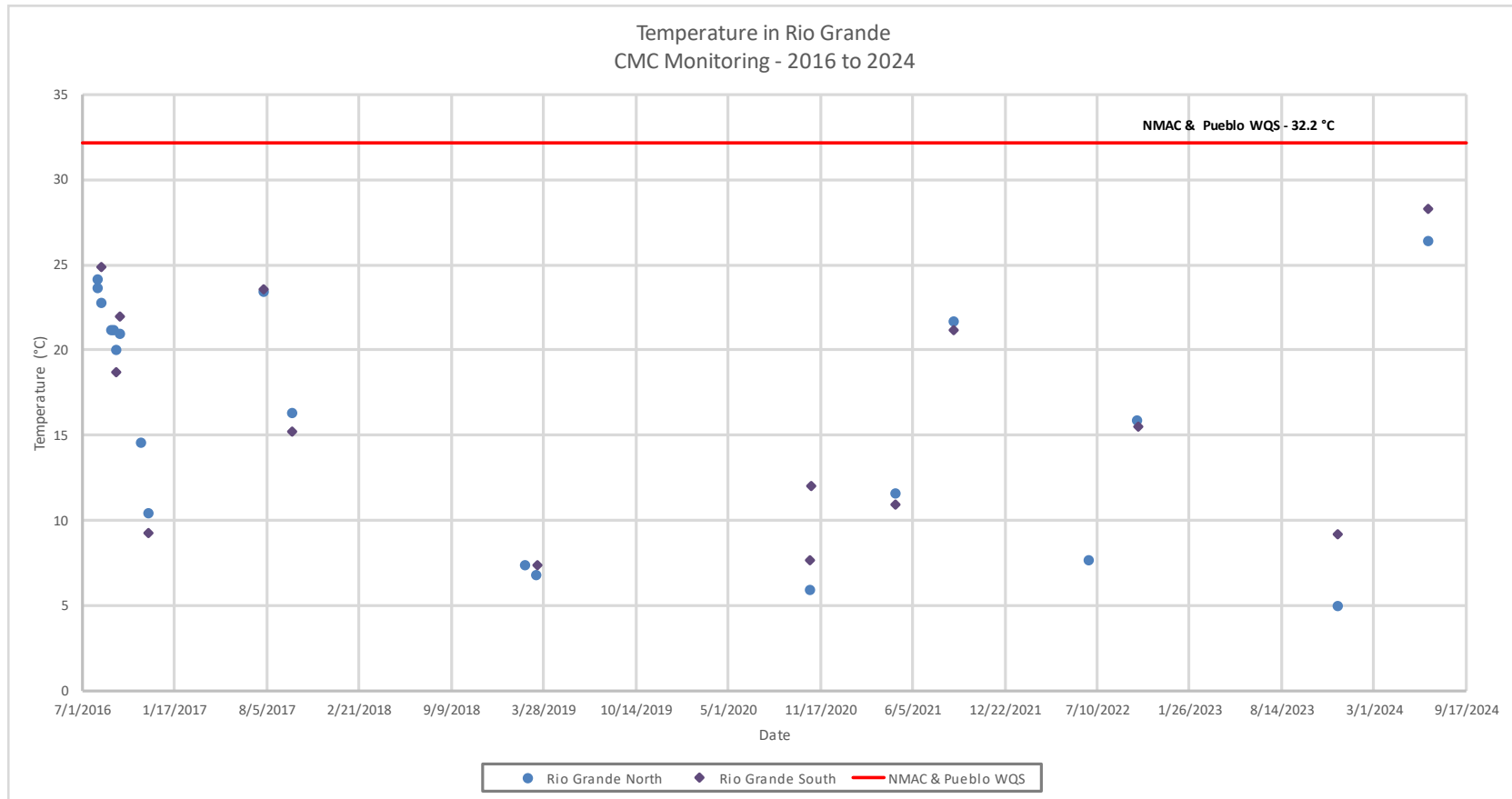


Figure 5: Temperature Monitoring Results in the Rio Grande CMC Monitoring – 2016 - 2024

CMC FY 2024 DRY SEASON E. COLI LOADING CALCULATIONS AND WASTE LOAD ALLOCATION (WLA)

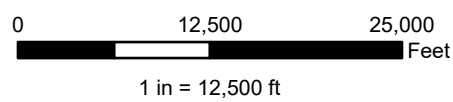
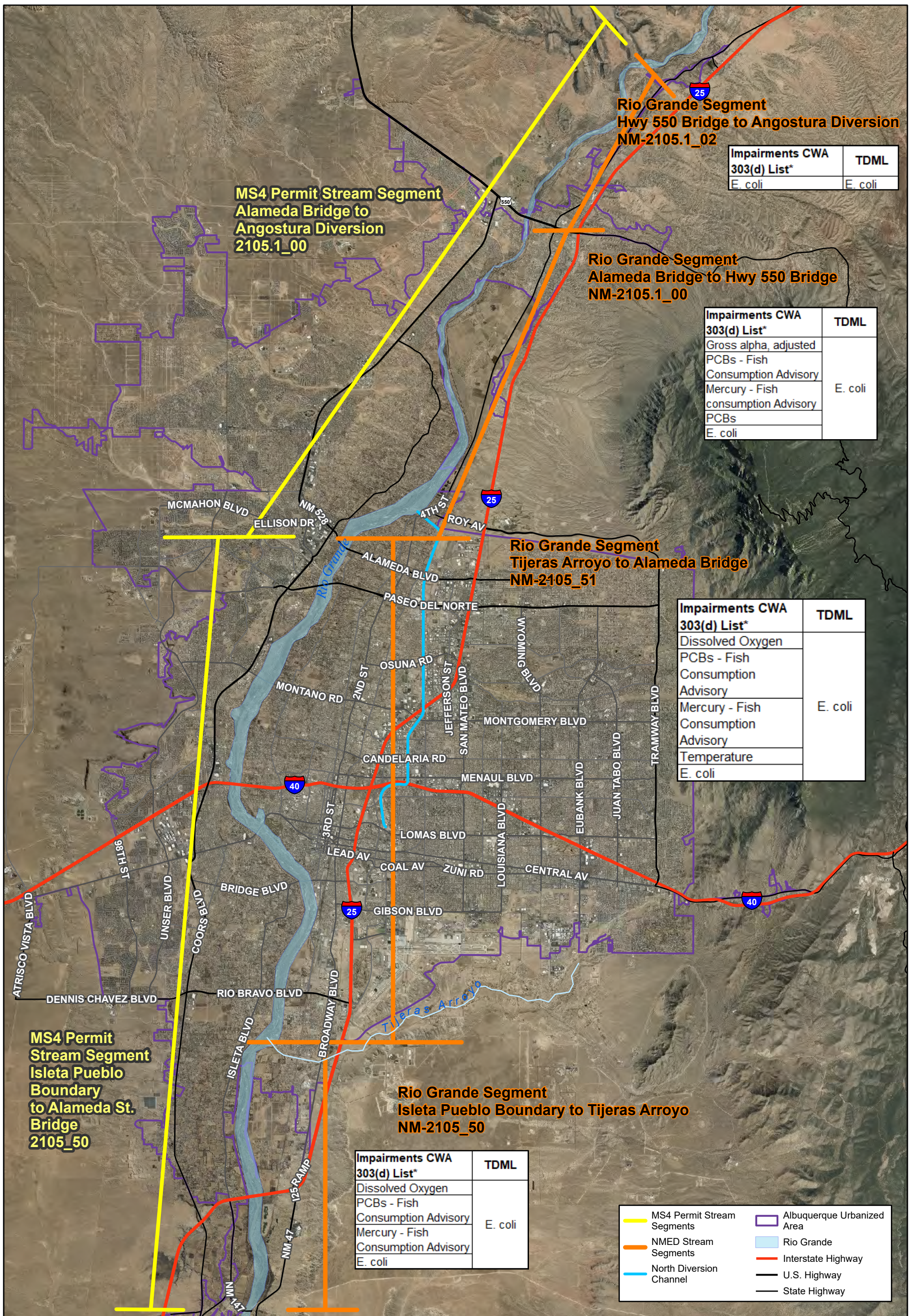
Related to assessing the stormwater results, the E. coli loading was calculated and compared to the aggregate Total Maximum Daily Load (TMDL) Waste Load Allocation (WLA) for the CMC group. A TMDL is the maximum amount of a pollutant (E. coli in this case) that a water body (Rio Grande) can assimilate on a daily basis without violating applicable surface WQs. The total TMDL for a stream segment consists of the multiple WLAs for point sources, non-point sources, and natural sources, plus a margin of safety. The CMC MS4 allotted WLA was determined in the EPA Approved, *Total Maximum Daily Load for the Middle Rio Grande Watershed*, June 30, 2010, and subsequent communications with NMED. The WLA varies by flow condition in the Rio Grande and by stream segment.

E. coli loading calculations and comparison to the WLA follows the WSB MS4 Permit requirements in *Discharges to Water Quality Impaired Water Bodies with an Approved TMDL, Part I.C.2.b.(i).(c).B, Appendix B-Total Maximum Daily Loads (TMDLs) Tables of the WSB MS4 Permit*, and the NMED guidance provided to the CMC. Attached to this memo is the WLA Calculation spreadsheet, which steps through the E. coli loading calculations and assumptions comparing the calculated E. coli loading to the CMC aggregate WLA defined by NMED.

There are two (2) stream segments defined in the WSB MS4 Permit (Appendix B): Isleta Pueblo Boundary to Alameda Street Bridge (Stream Segment 2105_50) and Non-Pueblo Alameda Bridge to Angostura Diversion (Stream Segment 2105.1_00). These stream segments differ from NMED's current stream segments defined in the *2022-2024 State of New Mexico Clean Water Act Section 303(d)/Section 305(b) Integrated Report* (NMED, April 2022) and *Draft 2024-2026 State of New Mexico Clean Water Act Section 303(d)/Section 305(b) Integrated Report* (NMED, December 2023). NMED currently has four (4) stream segments instead of the two (2) WSB MS4 stream segments. These various stream segment designations are shown in Figure 6, page 17.

The *NMED 303(d)/305(b) 2022-2024* and *Draft 2024-2026 Integrated Report* tables show the most recent assessment results, and currently all segments of the Rio Grande (Isleta to Angostura Diversion) are impaired for E. coli and have a TMDL for E. coli.

The E. coli daily loading associated with the CMC group and comparison to the NMED WLA was completed for the two (2) qualifying dry season storm events – December 13-14, 2023 and June 26-27, 2024. For these events, the CMC obtained an E. coli sample in the Rio Grande at Alameda and used this to calculate the E. coli loading for the two (2) river segments. Refer to Table 5 on page 18 for a summary of the WLA comparison results. A spreadsheet is attached to this memo that provides the detailed WLA calculations.



CMC Monitoring

Figure 6
Rio Grande Impairments & TMDL Information

* 2024-2026 State of NM Clean Water Act, Section 303(d)/Section 305(b) Integrated Reports

Table 5: Summary of CMC E. Coli Loading Compared to WLA

| Date / Stream Segment | Daily Mean Flow (cfs) | Flow Conditions (cfs) <i>range defined by NMED</i> | CMC Daily E. coli Loading (CFU/day) | NMED WLA for CMC for Stream Segment and Flow Conditions | Loading Compared to WLA Potential Exceedance or Acceptable |
|--|-----------------------|---|-------------------------------------|---|--|
| December 13-14, 2023 – Rio Grande North E. coli Concentration 12/13/2023 = 19.7 MPN (CFU/100 mL) Rio Grande at Alameda E. coli Concentration 12/13/2023 = 55.6 MPN (CFU/100 mL) Rio Grande South E. coli Concentration 12/14/2023 = 235.9 MPN (CFU/100 mL) | | | | | |
| Alameda to Angostura | 2,250 | Moist | 1.17E+11 | 9.09E+10 | WLA Potential Exceedance |
| Isleta to Alameda | 2,210 | Moist | 5.70E+11 | 6.29E+10 | WLA Potential Exceedance |
| June 26-27, 2024 – Rio Grande North E. coli Concentration 6/26/2024 = 108 MPN (CFU/100 mL) Rio Grande at Alameda E. coli Concentration 6/26/2024 = 97 MPN (CFU/100 mL) Rio Grande South E. coli Concentration 6/27/2024 = 644 MPN (CFU/100 mL) | | | | | |
| Alameda to Angostura | 486 | Dry | 1.17E+11 | 3.24E+10 | WLA Acceptable |
| Isleta to Alameda | 476 | Dry | 5.70E+11 | 1.57E+10 | WLA Potential Exceedance |

As Table 5 illustrates, the calculated E. coli loading for the December 13-14, 2023 storm event for the northern segment (Alameda to Angostura) and the southern segment (Isleta to Alameda) of the Rio Grande were above the WLA for the CMC MS4s. This analysis used the mid-point E. coli sample result obtained in the Rio Grande at Alameda. For June 26-27, 2024, the calculated E. coli loading for the storm event for the northern segment (Alameda to Angostura) was an acceptable WLA for the CMC MS4s. The southern segment (Isleta to Alameda) of the Rio Grande was above the WLA for the CMC MS4s. This analysis used the mid-point E. coli sample result obtained in the Rio Grande at Alameda.

The WSB MS4 Permit implies that the WLA is a measurable goal for the MS4s related to E. coli. Based on extensive review of the EPA Approved, *Total Maximum Daily Load (TMDL) for the Middle Rio Grande Watershed*, June 30, 2010, this seems to be an unattainable goal for MS4s.

Page 40 of the 2010 TMDL Report states, “It is important to remember that the TMDL is a planning tool to be used to achieve water quality standards...Meeting the calculated TMDL may be a difficult objective.” The TMDL/WLA was calculated by NMED to meet the Pueblo (Sandia and Isleta) geometric mean maximum of 47 CFU/100 ml, which was done to be “protective of downstream waters” and “to provide an implicit margin of safety (MOS)”. A single grab sample E. coli result meeting this very low geometric means WQSs will be very difficult for the MS4s to obtain.

The CMC members discussed the difficulty of using the WLA as a measurable goal with NMED on February 1, 2017. NMED explained that exceeding the WLA does not trigger enforcement. However, NMED strongly encouraged the MS4s to document what they are doing once they realize the WLA is potentially exceeded. The meeting on February 1, 2017, and the CMC discussion with NMED on February 16, 2017, demonstrate CMC members are working toward understanding the WLA. In addition, the CMC members began implementing a refinement to the sampling plan discussed with NMED by obtaining an E. coli sample in the Rio Grande at Alameda effective the FY 2018 wet season, as feasible. This demonstrates that the CMC is continuing to investigate the potential exceedances and make improvements to monitor E. coli in the Rio Grande.

DATA ENTRY FOR DISCHARGE MONITORING REPORTS

The WSB MS4 Permit entered Administrative Continuance in December 2019, when EPA Region 6 did not issue a new MS4 Permit before the current MS4 Permit's expiration date. Until a new MS4 Permit is issued, there are no compliance monitoring requirements for the CMC in the Rio Grande. As identified in the WSB MS4 CMC Monitoring Plan, the WSB MS4 Permit required a minimum of seven (7) storm events be sampled at both the Rio Grande North and Rio Grande South locations. All MS4 Permit required samples have been obtained by the CMC and verified stormwater quality data from these required events have been submitted to the EPA using electronic Discharge Monitoring Report (DMR) forms. Data from the DMRs are uploaded to a comprehensive nationwide database that contains discharge data for facilities and other point sources that discharge directly to receiving streams. For this task, BHI has not completed any data entry related to the EPA DMRs for the FY 2024 dry season.

CONCLUSIONS AND PLANNING

During the FY 2024 dry season (Nov. 1, 2023 to June 30, 2024), two (2) qualifying stormwater samples were obtained by the CMC. Lab results were received, and this data has been entered into the CMC Excel database. The lab data entered is marked in the spreadsheet as "V" (verified), and data V&V has been completed (refer to Attachment 2).

To summarize, monitoring results and E. coli loading calculations for the FY 2024 dry season show that:

- The WSB MS4 Permit entered Administrative Continuance in December 2019, when EPA Region 6 did not issue a new MS4 Permit before the current MS4 Permit's expiration date. Until a new MS4 Permit is issued, there are no compliance monitoring requirements for the CMC in the Rio Grande. All MS4 Permit required samples have been obtained by the CMC, as well several samples collected during Administrative Continuance, including the two (2) samples obtained in the FY 2024 dry season, as reported in this memo.
- For the FY 2024 dry season, 15 parameters were not detected in the FY 2024 dry season samples at either the Rio Grande North or South locations for both the December 2023 and June 2024 stormwater samples.
- A few key parameters met the applicable WQSs, as they have for all the CMC samples to date:
 - All temperature results were less than 32.2°C (maximum WQS).
 - All gross alpha, adjusted results were less than 15 pCi/L (maximum WQS).

- The PCB results were below the New Mexico Surface WQSs and Pueblo of Isleta Surface WQSs for designated uses, including drinking water, wildlife habitat, acute aquatic life, and chronic aquatic life. However, the Rio Grande South CMC samples from December 14, 2023 and June 27, 2024, were above the Pueblo of Isleta human health criteria (based on fish consumption only) WQS for surface waters.
- The calculated E. coli loading for the December 13-14, 2023 storm event for the northern segment (Alameda to Angostura) and the southern segment (Isleta to Alameda) of the Rio Grande was above the WLA for the CMC MS4s. This analysis used the mid-point E. coli sample result obtained in the Rio Grande at Alameda.
 - Sources for the E. coli loading measured in the river are not solely attributable to the CMC MS4 members; the E. coli loading calculations serve to provide a reasonable estimate of the CMC contribution to the measured E. coli loading.
- The calculated E. coli loading for the June 26-27, 2024 storm event for the north segment (Alameda to Angostura) was acceptable for the WLA for the CMC MS4s. The southern segment (Isleta to Alameda) of the Rio Grande was above the WLA for the CMC MS4s. This analysis used the mid-point E. coli sample result obtained in the Rio Grande at Alameda.
 - Sources for the E. coli loading measured in the river are not solely attributable to the CMC MS4 members; the E. coli loading calculations serve to provide a reasonable estimate of the CMC contribution to the measured E. coli loading.

These two (2) samples were the only CMC samples obtained in FY 2024. A wet season sample (July 1, 2023 – Oct. 31, 2023) was not obtained by the CMC. Therefore, this is the only reporting memo for CMC members for FY 2024.

SG/ab

Attachments:

Attachment 1 – DBS&A Field Data & Eurofins Environment Testing Environmental Analysis Laboratory Reports with BHI Notes for FY 2024 Dry Season

Attachment 2 – FY 2024 Dry Season Completed Data Verification and Validation (V&V) Forms

Spreadsheets Included Separately:

E. coli Loading and Comparison to Waste Load Allocation (WLA) Excel Spreadsheet

Excel CMC Spreadsheet with FY 2024 Dry Season Stormwater Quality Monitoring Results

ATTACHMENT 1

**DBS&A FIELD DATA & EUROFINS ENVIRONMENT TESTING LABORATORY
REPORTS WITH BHI NOTES FOR
FY 2024 DRY SEASON**

| Parameter | Permit Required Units | Provisional or Verified | 2024 CMC SAMPLE NORTH Collection Date 12/13/2023 Dry Season Sample | | | | | | Provisional or Verified | 2023 CMC SAMPLE SOUTH Collection Date 12/14/2023 Dry Season Sample | | | | | | Provisional or Verified | 2024 CMC SAMPLE EXTRA ALAMEDA Collection Date 6/26/24 Dry Season Sample | | | | | |
|---|-----------------------|-------------------------|--|---|-------------------------|---|-------------------------------------|---|-------------------------|--|---|----------------------------|---|----------------------------|---|-------------------------|---|---|-------------------------|-------------------------------------|--------------|--|
| | | | Qualifier | Check compared to Water Quality Criterion | Provisional or Verified | 2024 CMC SAMPLE NORTH Collection Date 6/26/2024 Dry Season Sample | Qualifier | Check compared to Water Quality Criterion | | Provisional or Verified | 2023 CMC SAMPLE SOUTH Collection Date 6/27/2024 Dry Season Sample | Qualifier | Check compared to Water Quality Criterion | Provisional or Verified | 2024 CMC SAMPLE EXTRA ALAMEDA Collection Date 6/26/24 Dry Season Sample | | Qualifier | Check compared to Water Quality Criterion | Provisional or Verified | | | |
| Total Suspended Solids (TSS) | mg/L | V | 6 | – | V | 58 | – | V | 22 | – | V | 160 | – | | | | | | | | | |
| Total Dissolved Solids (TDS) | mg/L | V | 204 | OK | V | 250 | OK | V | 226 | OK | V | 280 | OK | | | | | | | | | |
| Chemical Oxygen Demand (COD) | mg/L | V | 110 | – | V | ND | – | V | ND | – | V | ND | – | | | | | | | | | |
| Biochemical Oxygen Demand (BOD ₅) | mg/L | V | <2.0 | H | – | V | 2 | *b | – | V | <2.0 | – | V | ND | *b | – | | | | | | |
| Dissolved Oxygen (DO) | mg/L | V | 10.8 | OK | V | 4.7 | Refer to comment in previous column | >WQ Standard | V | 9 | OK | V | 5.5 | OK | V | 10.7 | OK | V | 4.5 | Refer to comment in previous column | <WQ Standard | |
| Oil and Grease (N-Hexane Extractable Material) | mg/L | V | ND | OK | V | ND | OK | V | ND | OK | V | ND | OK | | | | | | | | | |
| E. coli | MPN (CFU/100 mL) | V | 19.7 | OK | V | 108.0 | >WQ Standard | V | 235.9 | >WQ Standard | V | 644.0 | >WQ Standard | V | 55.6 | OK | V | 97.0 | | >WQ Standard | | |
| pH | S.U. | V | 8.15 | OK | V | 8.41 | OK | V | 8.24 | OK | V | 8.3 | OK | V | 7.73 | OK | V | 8.4 | | OK | | |
| Total Kjeldahl Nitrogen (TKN) | mg/L | V | ND | – | V | 0.6 | – | V | ND | – | V | 0.99 | – | | | | | | | | | |
| Nitrate plus Nitrite | mg/L | V | ND | DF S | OK | V | 0.14 | OK | V | 0.32 | J | OK | V | 0.62 | OK | | | | | | | |
| Dissolved Phosphorus | mg/L | V | ND | – | V | 0.055 | – | V | 0.065 | – | V | 0.37 | – | | | | | | | | | |
| Ammonia (mg/L as N) | mg/L | V | 1.1 | JD | OK | V | Not reported in lab report | N/A | V | 0.84 | JD | OK | V | Not reported in lab report | OK | | | | | | | |
| Total Nitrogen | mg/L | V | ND | D | OK | V | 0.74 | OK | V | ND | D | OK | V | 1.61 | OK | | | | | | | |
| Total Phosphorus | mg/L | V | ND | – | V | 0.13 | – | V | 0.14 | – | V | 0.38 | – | | | | | | | | | |
| PCBS - 0.000064 (Method 1668A - sum of all congeners) | µg/L | V | ND | OK | V | ND | OK | V | 0.0002908 | J q | >WQ Standard | V | 0.000323 | J q | >WQ Standard | | | | | | | |
| Gross Alpha, Adjusted | pCi/L | V | 2.25 ± 1.72 | OK | V | 5.25 | OK | V | 0.945 ± 1.43 | OK | V | 3.77 | U | OK | | | | | | | | |
| Tetrahydrofuran | µg/L | V | ND | – | V | ND | H | – | V | ND | – | V | ND | H | – | | | | | | | |
| Benzo(a)pyrene | µg/L | V | ND | OK | V | Not reported in lab report | N/A | V | ND | OK | V | Not reported in lab report | OK | | | | | | | | | |
| Benzo(b)fluoranthene (other name: 3,4-Benzofluoranthene) | µg/L | V | ND | OK | V | ND | *+ | OK | V | ND | OK | V | ND | *+ | OK | | | | | | | |
| Benzo(k)fluoranthene | µg/L | V | ND | OK | V | ND | *+ | OK | V | ND | OK | V | ND | *+ | OK | | | | | | | |
| Chrysene | µg/L | V | ND | OK | V | ND | *+ | OK | V | ND | OK | V | ND | *+ | OK | | | | | | | |
| Indeno(1,2,3-cd)Pyrene | µg/L | V | ND | OK | V | ND | – | OK | V | ND | – | OK | V | ND | – | | | | | | | |
| Dieldrin | µg/L | V | ND | OK | V | ND | *+, H | OK | V | ND | OK | V | ND | *+, H | OK | | | | | | | |
| Pentachlorophenol | µg/L | V | ND | OK | V | ND | – | OK | V | ND | – | OK | V | ND | – | | | | | | | |
| Benztidine | µg/L | V | ND | OK | V | ND | – | OK | V | ND | – | OK | V | ND | – | | | | | | | |
| Benzo(a)anthracene | µg/L | V | ND | OK | V | ND | *+ | OK | V | ND | OK | V | ND | *+ | OK | | | | | | | |
| Dibenzofuran | µg/L | V | ND | – | V | ND | – | – | V | ND | – | V | ND | – | – | | | | | | | |
| Dibenzof(a,h)anthracene | µg/L | V | ND | OK | V | ND | OK | V | ND | OK | V | ND | OK | V | ND | | | | | | | |
| Chromium VI (Hexavalent) | µg/L | V | ND | OK | V | ND | OK | V | ND | OK | V | ND | OK | V | ND | | | | | | | |
| Dissolved Copper | µg/L | V | 0.55 | OK | V | 0.95 | OK | V | 0.75 | OK | V | 10 | >WQ Standard | | | | | | | | | |
| Dissolved Lead | µg/L | V | ND | OK | V | ND | OK | V | ND | OK | V | ND | OK | | | | | | | | | |
| Bis (2-ethylhexyl) Phthalate (other names: Di(2-ethylhexyl)phthalate, DEHP) - 2.2 | µg/L | V | ND | OK | V | ND | *+ | OK | V | ND | OK | V | ND | *+ | OK | | | | | | | |
| Conductivity | umhos/cm | V | 305 | – | V | 254.1 | – | V | 338 | – | V | 337 | – | V | 310 | – | V | 272.1 | – | – | | |
| Temperature | °C | V | 5 | OK | V | 26.4 | OK | V | 9.2 | OK | V | 28.3 | OK | V | 7.1 | OK | V | 28.9 | OK | OK | | |
| Hardness (as CaCO ₃) | mg/L | V | 120 | – | V | 110 | – | V | 130 | – | V | 140 | – | | | | | | | | | |
| Mercury | µg/l | | | | | | | | | | | | | | | | | | | | | |
| PFA (6) | ppt (ng/L) | | | | P | 3.1 | J | OK | | | | P | 4.1 | J | OK | | | | | | | |
| PFA (6) (Filtered) | ppt (ng/L) | | | | P | | | OK | | | | | | | | | | | | | | |

Data Verification/Validation and Qualifier Notes:
 (R) The sample results are unusable because certain criteria were not met. The analyte may or may not be present in the sample.
 (H) Sample holding time exceeded.
 (J) The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
 (D) Sample was diluted by Lab due to matrix.
 (U) Analyte was analyzed for, but not detected above the specified detection limit.

Notes:
 1. Wet Season monitoring period - July 1 to October 31 and Dry Season monitoring period - November 1 to June 30 according to the Watershed Based MS4 Permit NMR04A000.
 2. Water Quality Criterion from 20.6.4 NMAC, Rio Grande Basin - section 20.6.4.105; For a mean monthly flow of 100 cfs, monthly average concentration for TDS 1,500 mg/l or
 3. Aquatic life criteria for metals are expressed as a function of total hardness (mg/L) as
 4. According to NMAC 20.6.4, E. coli bacteria for Primary Contact - monthly geometric
 5. Water quality criterion for metals is based on dissolved metals, NMAC 20.6.4.900.1 and individual sample results compared to acute toxicity values.
 6. Eurofins lab method: SM 9323B Fecal Indicator. Note - lab method for units of MPN/100 mL, lab report uses units CFU/100 mL, for this analysis assuming two units are
 7. PFA 6 is for the sum of 6 PFAS in drinking water; these compounds are PFOA, PFOS, PFNA, PFHpA, PFHxG and PFDA
 ND - analyte not detected above the laboratory method detection limit
 NA - not analyzed
 Hatching also indicates that parameter was not analyzed

CMC Sampling Data Sheet

Site Identification: RG-North

Notes: VSI Pa 1020 ST 21C102804

Oakton CTSI

| | |
|---|-------------------------|
| Full Suite Sample Date and Time: | <u>12-13-23 1200</u> |
| Full Sample Identification: | <u>R6North-20231213</u> |
| QC Samples: Duplicate / <u>None</u> | QC Sample ID: |
| QC samples require a DIFFERENT sample time than the environmental sample. | |
| QC Sample time: | |

| | |
|-------------------------------|--|
| Full Suite Collection Point : | <u>ANGOSTURA DIVISION works</u> |
| Full Suite Sample Volume: | <u>8 gal</u> Collection Time Start: <u>1115</u> End: <u>1200</u> |

Field Parameters for each 2-gallon grab

| Grab | Time | Temp (°C) | pH | Specific Conductance (µS/cm) | Dissolved Oxygen (mg/L) | Dissolved Oxygen (%) |
|-----------|------|-----------|------|------------------------------|-------------------------|----------------------|
| 1 | 1115 | 7.3 | 6.56 | 337 | 10.5 | 102 |
| 2 | 1130 | 5.0 | 7.79 | 302 | 10.8 | 99 |
| 3 | 1145 | 5.7 | 8.04 | 304 | 10.1 | 95 |
| 4 | 1200 | 5.1 | 8.11 | 313 | 10.5 | 98 |
| Composite | 1203 | 5.0 | 8.15 | 305 | 10.8 | 99 |

Turbid Water
 Color clear to yellow
 Solids
 Oil/Sheen
 Foam
 Odor NO

Analytical - see 2021 COC table

Site Photo
 Sample Photo

Samplers C. Johannesen, J. Allen

CMC Sampling Data Sheet

Site Identification: RG-South

Notes: YSI Pro 1020 S# 21C102804

Oakton CTS1

| | |
|---|---------------------------|
| Full Suite Sample Date and Time: | <u>12/14/23 1445</u> |
| Full Sample Identification: | <u>RG South- 20231214</u> |
| QC Samples: Duplicate / <u>(None)</u> | QC Sample ID: |
| QC samples require a DIFFERENT sample time than the environmental sample. | |
| QC Sample time: | |

| | | | |
|-------------------------------|-------------------|------------------------|------------------------------|
| Full Suite Collection Point : | <u>Isleta dam</u> | | |
| Full Suite Sample Volume: | <u>8 gal</u> | Collection Time Start: | <u>1400</u> End: <u>1445</u> |

Field Parameters for each 2-gallon grab

| Grab | Time | Temp (°C) | pH | Specific Conductance (µS/cm) | Dissolved Oxygen (mg/L) | Dissolved Oxygen (%) |
|-----------|------|-----------|------|------------------------------|-------------------------|----------------------|
| 1 | 1400 | 11.7 | 7.81 | 332 | 7.2 | 78 |
| 2 | 1415 | 9.7 | 8.15 | 329 | 8.2 | 85 |
| 3 | 1430 | 9.8 | 8.23 | 330 | 9.2 | 96 |
| 4 | 1445 | 9.3 | 8.31 | 332 | 8.2 | 85 |
| Composite | 1450 | 9.2 | 8.24 | 338 | 9.0 | 92 |

Turbid Water
 Color Brown
 Solids
 Oil/Sheen
 Foam
 Odor NONE

Analytical - see 2021 COC table

Site Photo
 Sample Photo

Samplers C. Johannesen, J. Aller

CMC Sampling Data Sheet

Site Identification: Rio Grande @ Alameda

Notes: YSI Pro 1020 S# 21C102804
Oakton CTS1

| | |
|--|------------------------------|
| Full Suite Sample Date and Time: | <u>12/13/14 1325</u> |
| Full Sample Identification: | <u>RG Alameda - 20231213</u> |
| QC Samples: Duplicate / None | QC Sample ID: |
| <i>QC samples require a DIFFERENT sample time than the environmental sample.</i> | |
| QC Sample time: | |

| | |
|--------------------------------------|---|
| Full Suite Collection Point : | <u>Pedestrian Bridge</u> |
| Full Suite Sample Volume: | <u>1L</u> Collection Time Start: <u>1325</u> End: |

Field Parameters for each 2-gallon grab

| Grab | Time | Temp (°C) | pH | Specific Conductance (µS/cm) | Dissolved Oxygen (mg/L) | Dissolved Oxygen (%) |
|-----------|-------------|------------|-------------|------------------------------|-------------------------|----------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| Composite | <u>1325</u> | <u>7.1</u> | <u>7.73</u> | <u>310</u> | <u>10.7</u> | <u>97</u> |

Turbid Water Color clear Solids Oil/Sheen Foam Odor _____

Analytical - see 2021 COC table

Site Photo Sample Photo

Chain-of-Custody Record

Client: Daniel B. Stephens

AMAFCA

Mailing Address: 6020 Academy

Phone #:

email or Fax#: pchavez@amafea.org

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush _____

Project Name:
CMC

Project #:
Dry Season FY24


Project Manager:
Patrick Chavez

Sampler: DBSA - C. Johansson

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 5.7 to 1.8.8 (°C)



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | E. coli - enumeration |
|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|-----------------------|
| | | | | | | | | | | X |
| | | | | | | | | | | X |
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| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|----------|------|--------|----------------------|----------------------|-------------------|----------|
| 12-13-23 | 1200 | AG | RG North- 20231213 | 1 | | |
| 12-13-23 | 1325 | AG | RG Alameda- 20231213 | 1 | | |
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|----------------|-------------|-------------------------------------|---------------------------------|-----------------|----------------|-------------|----------|
| Date: 12-13-23 | Time: 13:40 | Relinquished by: <u>[Signature]</u> | Received by: <u>[Signature]</u> | Via: <u>020</u> | Date: 12/13/23 | Time: 13:54 | Remarks: |
| Date: | Time: | Relinquished by: | Received by: | Via: | Date: | Time: | |

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: _____

Turn-Around Time:
 Standard Rush

Mailing Address: _____

Project Name: CMC FY24 Dry

Project #: _____

Phone #: _____

Project Manager: Patrick Chavez

email or Fax#: p.chavez@amafia.org

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC[®] Other _____

EDD (Type) _____

Sampler: DBS A-C. Johansson

On Ice: Yes No

of Coolers: 2



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. | Cooler Temp (including CF): <u>See Remarks (°C)</u> | BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | |
|---------------------------------|------|----------|---------------------|----------------------|-------------------|----------|---|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|---|
| | | | | | | | | | | | | | | | | | | |
| 12-13-23 12-13-23 | 1200 | A13 | R6 North - 20231213 | | | | | | | | | | | | | | | |
| 12-14-23 | 1445 | | R6 South - 20231214 | | | | | | | | | | | | | | | X |
| | | 12/14/23 | | | | | | | | | | | | | | | | X |

Date: _____ Time: _____ Relinquished by: _____ Received by: _____ Via: CDO Date: 12/14/23 Time: 16:00 Remarks: 3.9:0 = 3.9%

Date: _____ Time: _____ Relinquished by: _____ Received by: _____ Via: _____ Date: _____ Time: _____ Remarks: 7.7:0 = 7.7%
marby

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Samplers IT/EB

CMC Sampling Data Sheet

Site Identification RG NORTH

Notes: on site 1325

| | | |
|---|--|----------------|
| Full Suite Sample Date and Time: | <u>1505</u> | <u>6/26/24</u> |
| Full Sample Identification: | <u>RG NORTH 2024 06 26 2024 06 26</u> | |
| QC Samples: Duplicate / None | QC Sample ID: | |
| QC samples require a DIFFERENT sample time than the environmental sample. | | |
| QC Sample time: | | |

| | | | |
|-------------------------------|---------------------------------|------|--|
| Full Suite Collection Point : | <u>MRCO Dam Stack Structure</u> | | |
| Full Suite Sample Volume: | Collection Time Start: | End: | |

Field Parameters for each 2-gallon grab

| Grab | Time | Temp (°C) | pH | Specific Conductance (µS/cm) | Dissolved Oxygen (mg/L) | Dissolved Oxygen (%) |
|-----------|-------------|-------------|-------------|------------------------------|-------------------------|----------------------|
| 1 | <u>1400</u> | <u>24.5</u> | <u>8.06</u> | <u>238.5</u> | <u>5.6</u> | <u>82</u> |
| 2 | <u>1415</u> | <u>24.1</u> | <u>8.30</u> | <u>253.9</u> | <u>5.4</u> | <u>76</u> |
| 3 | <u>1430</u> | <u>24.3</u> | <u>8.29</u> | <u>254.7</u> | <u>5.7</u> | <u>81</u> |
| 4 | <u>1445</u> | <u>24.5</u> | <u>8.26</u> | <u>253.6</u> | <u>5.1</u> | <u>74</u> |
| Composite | <u>1505</u> | <u>26.4</u> | <u>8.41</u> | <u>254.1</u> | <u>4.7</u> | <u>71</u> |

Turbid Water
 Color yellowish Brown
 Solids
 Oil/Sheen
 Foam
 Odor Biological odor

Analytical - see 2021 COC table

Site Photo
 Sample Photo

Samplers IT/EB

CMC Sampling Data Sheet

Site Identification RG at Alameda

Notes: on site @ 1618

| | |
|---|------------------------------|
| Full Suite Sample Date and Time: | <u>6/26/24 1628</u> |
| Full Sample Identification: | <u>RG @ Alameda 20240626</u> |
| QC Samples: Duplicate / None | QC Sample ID: |
| QC samples require a DIFFERENT sample time than the environmental sample. | |
| QC Sample time: | |

| | | |
|-------------------------------|------------------------|------|
| Full Suite Collection Point : | | |
| Full Suite Sample Volume: | Collection Time Start: | End: |

Field Parameters for each 2-gallon grab

| Grab | Time | Temp (°C) | pH | Specific Conductance (µS/cm) | Dissolved Oxygen (mg/L) | Dissolved Oxygen (%) |
|-----------|-------------|-------------|-------------|------------------------------|-------------------------|----------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| Composite | <u>1628</u> | <u>28.9</u> | <u>8.40</u> | <u>272.1</u> | <u>4.5</u> | <u>70</u> |

Turbid Water
 Color slightly cloudy
 Solids
 Oil/Sheen
 Foam
 Odor Biological odor

Analytical - see 2021 COC table

Site Photo
 Sample Photo

Samplers 1 Times

CMC Sampling Data Sheet

Site Identification RG South

Notes: Weather mostly sunny 83°F

| | |
|---|--------------------------|
| Full Suite Sample Date and Time: | <u>6/27/24 1310</u> |
| Full Sample Identification: | <u>RG South 20240627</u> |
| QC Samples: Duplicate / None | QC Sample ID: |
| QC samples require a DIFFERENT sample time than the environmental sample. | |
| QC Sample time: | |

| |
|--|
| Full Suite Collection Point : |
| Full Suite Sample Volume: Collection Time Start: <u>12:00</u> End: <u>12:45</u> |

Field Parameters for each 2-gallon grab

| Grab | Time | Temp (°C) | pH | Specific Conductance (µS/cm) | Dissolved Oxygen (mg/L) | Dissolved Oxygen (%) |
|-----------|------|-----------|------|------------------------------|-------------------------|----------------------|
| 1 | 1200 | 24.6 | 7.67 | 329.3 | 5.4 | 79 |
| 2 | 1215 | 26.9 | 8.26 | 337.4 | 5.4 | 80 |
| 3 | 1230 | 27.0 | 8.26 | 336.8 | 5.2 | 77 |
| 4 | 1245 | 27.4 | 8.28 | 334.9 | 4.7 | 70 |
| Composite | 1310 | 28.3 | 8.30 | 337.0 | 5.5 | 83 |

Turbid Water
 Color yellowish brown
 Solids Some Solids
 Oil/Sheen
 Foam
 Odor Biological odor

Analytical - see 2021 COC table

Site Photo
 Sample Photo

ANALYSIS SONDE CALIBRATION WORKSHEET: 2007-03-01/03/2007

Sonde ID: 210100053 Date/Time: 6/26/24 / 1334 Technician: 1 Jones

Reason for Calibration: RG NORTH Sampling @ BASTION

Battery Voltage: _____ (6920 & 600 XLM only)

Specific Conductance: _____ Calibration Values
 Standard Used (mS) _____ Initial Post Cal. Cell Constant:* _____ (Range: 5 +/- 0.5)

pH Calibration Values

| | Initial | Post Cal. | mV | |
|--------------------|-------------|--------------|---------------|-------------------------|
| 7 Buffer: (first) | <u>7.02</u> | <u>7.01</u> | <u>4.7</u> | (Range: 0 mV +/- 50) |
| 4 Buffer: (second) | <u>4.32</u> | <u>4.0</u> | <u>104.2</u> | (Range: +177 from pH 7) |
| 10 Buffer: (third) | <u>9.91</u> | <u>10.01</u> | <u>-107.0</u> | (Range: -177 from pH 7) |

 Note: Span between pH 7 and pH 4, and pH 7 and pH 10 should be approximately 165 to 180 mV.

DO % Sat. Membrane Changed? Y/N If yes, run probe at least 15 mins before calibration. Optimally, wait 6 to 8 hrs before calibration / use.

DO Charge _____ (Range: 50 +/- 25)

mm Hg 031.4 Calibration Values %
 Initial Post Cal. DO Gain* _____ (Range: 1 (0.7 to 1.5))
77.3 | 102 | _____

Turbidity Wiper Changed? Y/N _____ Wiper parks ~180 degrees from optic port? Y/N _____

| Standards Values (NTUs) | Calibration Values | |
|----------------------------|--------------------|-----------|
| | Initial | Post Cal. |
| <u>Zero</u> (Always First) | | |
| _____ | | |
| _____ | | |

Note: Use longer probe guard with black turb probe; shorter guard with grey probe.

Post Calibration DO Sensor Output Test

Turn off handset (650MDS). Wait 1 minute, turn handset on and enter "Run". DO % Sat. must start reading with a high value and descend to the calibration value in 1 to 2 minutes. If it does not, reject.

Note: Disregard the first two readings as they may be affected by the warm-up process.
 Accept? _____ Reject? _____ See note in comments

Calibration Comments

* Found in: Main Menu -> Sonde Menu -> Advanced -> Calibration Constants

ANALYSIS SONDE CALIBRATION WORKSHEET Last Revision: 10/03/2007

Sonde ID: 21B10053 Date/Time: 6/27/24 1109 Technician: IT/JC

Reason for Calibration: RG Sampling

Battery Voltage: _____ (6920 & 600 XLM only)

Specific Conductance: _____ Calibration Values
 Standard Used (mS) _____ Initial Post Cal. Cell Constant: *
1413 | 1417 | _____ (Range: 5 +/- 0.5)

pH Calibration Values

| | Initial | Post Cal. | mV | |
|--------------------|--------------|--------------|--------------|-------------------------|
| 7 Buffer: (first) | <u>4.00</u> | <u>4.01</u> | <u>158.1</u> | (Range: 0 mV +/- 50) |
| 4 Buffer: (second) | <u>7.00</u> | <u>7.00</u> | <u>1.7</u> | (Range: +177 from pH 7) |
| 10 Buffer: (third) | <u>10.07</u> | <u>10.07</u> | | (Range: -177 from pH 7) |

 Note: Span between pH 7 and pH 4, and pH 7 and pH 10 should be approximately 165 to 180 mV.

DO % Sat. Membrane Changed? Y/N If yes, run probe at least 15 mins before calibration. Optimally, wait 6 to 8 hrs before calibration / use.

DO Charge _____ (Range: 50 +/- 25)

mm Hg Calibration Values %

| | Initial | Post Cal. | DO Gain* | |
|--------------|-------------|-----------|----------|-------------------------|
| <u>636.6</u> | <u>83.8</u> | <u>96</u> | <u>1</u> | (Range: 1 (0.7 to 1.5)) |

Turbidity Wiper Changed? Y/N Wiper parks ~180 degrees from optic port? Y/N

| Standards Values (NTUs) | Calibration Values | |
|-------------------------|--------------------|-----------|
| | Initial | Post Cal. |
| Zero (Always First) | | |
| _____ | | |
| _____ | | |

Note: Use longer probe guard with black turb probe; shorter guard with grey probe.

Post Calibration DO Sensor Output Test

Turn off handset (650MDS). Wait 1 minute, turn handset on and enter "Run". DO % Sat. must start reading with a high value and descend to the calibration value in 1 to 2 minutes. If it does not, reject.

Note: Disregard the first two readings as they may be affected by the warm-up process.
 Accept? _____ Reject? _____ See note in comments

Calibration Comments

* Found in: Main Menu -> Sonde Menu -> Advanced -> Calibration Constants

December 22, 2023

Patrick Chavez

AMAFCA

2600 Prospect Ave NE

Albuquerque, NM 87107

TEL: (505) 884-2215

FAX:

12/13/2023: Rio Grande North
and Alameda; E.Coli samples
only.

RE: CMC

OrderNo.: 2312802

Dear Patrick Chavez:

Eurofins Environment Testing South Central, LLC received 2 sample(s) on 12/13/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,



Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Field Parameters:
- North
Temp = 5.0°C
pH = 8.15
Conductivity = 305
Dissolved Oxygen = 10.8
- Alameda
Temp = 7.1°C
pH = 7.73
Conductivity = 310
Dissolved Oxygen = 10.7

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2312802

Date Reported: 12/22/2023

CLIENT: AMAFCA

Client Sample ID: **RG North**-20231213

Project: CMC

Collection Date: 12/13/2023 12:00:00 PM

Lab ID: 2312802-001

Matrix: AQUEOUS

Received Date: 12/13/2023 1:54:00 PM

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|--|-------------|-------|-------|------|---------|----|------------------------|----------|
| SM 9223B FECAL INDICATOR: E. COLI MPN | | | | | | | Analyst: SMS | |
| E. Coli | 19.7 | 1.000 | 1.000 | | MPN/100 | 1 | 12/14/2023 12:33:00 PM | 79369 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | | |
|-------------|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2312802

Date Reported: 12/22/2023

CLIENT: AMAFCA

Client Sample ID: **RG Alameda**-20231213

Project: CMC

Collection Date: 12/13/2023 1:25:00 PM

Lab ID: 2312802-002

Matrix: AQUEOUS

Received Date: 12/13/2023 1:54:00 PM

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|--|--------|-------|-------|------|---------|----|------------------------|----------|
| SM 9223B FECAL INDICATOR: E. COLI MPN | | | | | | | Analyst: SMS | |
| E. Coli | 55.6 | 1.000 | 1.000 | | MPN/100 | 1 | 12/14/2023 12:33:00 PM | 79369 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | | |
|-------------|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |



Sample Log-In Check List

Client Name: AMAFCA

Work Order Number: 2312802

RcptNo: 1

Received By: Juan Rojas

12/13/2023 1:54:00 PM

Juan Rojas

Completed By: Cheyenne Cason

12/13/2023 3:06:49 PM

Cason

Reviewed By:

[Signature] 12/13/23

15:52

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Was an attempt made to cool the samples? Yes No NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
5. Sample(s) in proper container(s)? Yes No
6. Sufficient sample volume for indicated test(s)? Yes No
7. Are samples (except VOA and ONG) properly preserved? Yes No
8. Was preservative added to bottles? Yes No NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
10. Were any sample containers received broken? Yes No

Samples were collected the same day and chilled.

11. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes No
13. Is it clear what analyses were requested? Yes No
14. Were all holding times able to be met? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)

Adjusted? _____

Checked by: *Tme 12/13/23*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____

By Whom: _____ Via: eMail Phone Fax In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

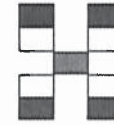
17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 8.8 | Good | Not Present | Yogi | | |

Chain-of-Custody Record

Client: Daniel B Stephens
AMAFCA
Mailing Address: 6020 Academy
Phone #:
email or Fax#: pchavez@amatca.org
QA/QC Package:
 Standard Level 4 (Full Validation)
Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time:
 Standard Rush
Project Name: CMC
Project #: Dry Season FY 24
Project Manager: Patrick Chavez
Sampler: DBSA - C. Johansson
On Ice: Yes No
of Coolers: 1
Cooler Temp (including CF): 5.7 to 8.8 (°C)



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. | BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | Ecoli - enumeration |
|----------|------|--------|---------------------|----------------------|-------------------|----------|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|---------------------|
| 12-13-23 | 1200 | AQ | RG North-20231213 | 1 | | 001 | | | | | | | | | | | XX |
| 12-13-23 | 1325 | AQ | RG Alameda-20231213 | 1 | | 002 | | | | | | | | | | | XX |

Date: 12-13-23 Time: 1340 Relinquished by: [Signature]

Received by: [Signature] Via: COO Date: 12/13/23 Time: 13:54

Remarks:

March 05, 2024

Patrick Chavez
AMAFCA
2600 Prospect Ave NE
Albuquerque, NM 87107
TEL: (505) 884-2215
FAX:

12/13/2023: Rio Grande North
and 12/14/2023: Rio Grande
South

RE: CMC FY24 Dry

OrderNo.: 2312898

Dear Patrick Chavez:

Eurofins Environment Testing South Central, LLC received 2 sample(s) on 12/14/2023 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued January 26, 2023.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Field Parameters:
- North
Temp = 5.0°C
pH = 8.15
Conductivity = 305
Dissolved Oxygen = 10.8
- South
Temp = 9.2°C
pH = 8.24
Conductivity = 338
Dissolved Oxygen = 9.0



Environment Testing

*Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com*

Case Narrative

WO#: 2312898

Date: 3/5/2024

CLIENT: AMAFCA

Project: CMC FY24 Drv

Analytical Notes regarding phosphorous:

The "C" fraction contains the results for total phosphorous.

The "D" fraction contains the results for the dissolved phosphorous.

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-001B

Client Sample ID: R6 North-20231213
Collection Date: 12/13/2023 12:00:00 PM
Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|---------------------------|-------------------|------|------|------|-------|----|-----------------------|----------|
| SM5210B: BOD | | | | | | | Analyst: ejn | |
| Biochemical Oxygen Demand | DO Depletion <2.0 | 2.00 | 2.00 | H | mg/L | 1 | 12/20/2023 9:50:00 AM | 79411 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-001C

Client Sample ID: R6 North-20231213
Collection Date: 12/13/2023 12:00:00 PM
Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|-------------------------------|--------|------|------|------|-------|----|------------------------|----------|
| EPA METHOD 1664B | | | | | | | Analyst: AB | |
| N-Hexane Extractable Material | ND | 8.53 | 9.58 | | mg/L | 1 | 12/19/2023 11:40:00 AM | 79435 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Hall Environmental Analysis Laboratory, Inc.

CLIENT: AMAFCA
 Project: CMC FY24 Dry
 Lab ID: 2312898-001D

Client Sample ID: R6 North-20231213
 Collection Date: 12/13/2023 12:00:00 PM
 Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|--|--------|-------|-------|------|----------|----|------------------------|----------|
| EPA METHOD 300.0: ANIONS | | | | | | | | |
| Nitrate+Nitrite as N | ND | 0.11 | 1.0 | | mg/L | 5 | 12/19/2023 2:58:45 PM | R10196 |
| SM 4500 NH3: AMMONIA | | | | | | | | |
| Nitrogen, Ammonia | 1.1 | 0.57 | 2.0 | JD | mg/L | 2 | 12/21/2023 9:18:00 AM | R10201 |
| SM4500-H+B / 9040C: PH | | | | | | | | |
| pH | 8.14 | | | H | pH units | 1 | 12/20/2023 1:56:15 PM | R10201 |
| EPA METHOD 365.1: TOTAL PHOSPHOROUS | | | | | | | | |
| Phosphorus, Total (As P) | ND | 0.050 | 0.050 | | mg/L | 1 | 1/6/2024 1:42:00 PM | 79761 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | | | |
| Total Dissolved Solids | 204 | 25.0 | 50.0 | | mg/L | 1 | 12/21/2023 7:22:00 PM | 79518 |
| EPA 351.2: TKN | | | | | | | | |
| Nitrogen, Kjeldahl, Total | ND | 0.50 | 0.50 | H | mg/L | 1 | 1/13/2024 3:06:27 PM | 79864 |
| SM 2540D: TSS | | | | | | | | |
| Suspended Solids | 6.0 | 4.0 | 4.0 | | mg/L | 1 | 12/21/2023 10:31:00 AM | 79522 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | |

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-001E

Client Sample ID: R6 North-20231213
Collection Date: 12/13/2023 12:00:00 PM
Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|--|--------|-------|-------|------|-------|----|---------------------|----------|
| EPA METHOD 365.1: TOTAL PHOSPHOROUS | | | | | | | Analyst: JMT | |
| Phosphorus, Total (As P) | ND | 0.050 | 0.050 | | mg/L | 1 | 1/6/2024 1:46:00 PM | 79761 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Hall Environmental Analysis Laboratory, Inc.

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-001F

Client Sample ID: R6 North-20231213
Collection Date: 12/13/2023 12:00:00 PM
Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|---------------------------------|--------|-------|-----|------|-------|----|---------------------|----------|
| EPA METHOD 200.7: METALS | | | | | | | Analyst: JRR | |
| Calcium | 36 | 0.053 | 1.0 | | mg/L | 1 | 1/9/2024 5:14:22 PM | 79508 |
| Magnesium | 6.6 | 0.033 | 1.0 | | mg/L | 1 | 1/9/2024 5:14:22 PM | 79508 |
| SM2340B: HARDNESS | | | | | | | Analyst: JRR | |
| Hardness as CaCO3 | 120 | 2.5 | 6.6 | | mg/L | 1 | 1/9/2024 | R10233 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-001G

Client Sample ID: R6 North-20231213
Collection Date: 12/13/2023 12:00:00 PM
Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|---------|----------|---------|------|-------|----|-----------------------|----------|
| EPA 200.8: DISSOLVED METALS | | | | | | | Analyst: bcv | |
| Copper | 0.00055 | 0.000093 | 0.00050 | | mg/L | 1 | 12/19/2023 1:35:18 PM | B101952 |
| Lead | ND | 0.000032 | 0.00050 | | mg/L | 1 | 12/19/2023 1:35:18 PM | B101952 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-001H

Client Sample ID: R6 North-20231213
Collection Date: 12/13/2023 12:00:00 PM
Matrix: Aqueous

Table with columns: Analyses, Result, MDL, RL, Qual, Units, DF, Date Analyzed, Batch ID. Row 1: SM5220D: COD, 110, 50.0, 50.0, mg/L, 1, 1/3/2024 10:26:00 AM, 79689. Analyst: AB

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Table with 2 columns: Qualifiers and their descriptions. Includes codes like *, D, H, ND, PQL, S, B, E, J, P, RL and their corresponding definitions.

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-002A

Client Sample ID: R6South-20231214
Collection Date: 12/14/2023 2:45:00 PM
Matrix: Aqueous

Table with columns: Analyses, Result, MDL, RL, Qual, Units, DF, Date Analyzed, Batch ID. Row 1: SM 9223B FECAL INDICATOR: E. COLI MPN, 235.9, 1.000, 1.000, MPN/100 1, 12/15/2023 12:00:00 PM, 79402. Analyst: SMS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Table with 2 columns: Qualifiers and descriptions. Includes codes like *, D, H, ND, PQL, S, B, E, J, P, RL and their corresponding meanings.

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-002B

Client Sample ID: R6South-20231214
Collection Date: 12/14/2023 2:45:00 PM
Matrix: Aqueous

Table with columns: Analyses, Result, MDL, RL, Qual, Units, DF, Date Analyzed, Batch ID. Row 1: SM5210B: BOD, Biochemical Oxygen Demand, DO Depletion <2.0, 2.00, 2.00, mg/L, 1, 12/20/2023 9:50:00 AM, 79411. Analyst: ejn

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Table with 2 columns: Qualifiers and their descriptions. Includes codes like *, D, H, ND, PQL, S, B, E, J, P, RL and their corresponding definitions.

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-002C

Client Sample ID: R6South-20231214
Collection Date: 12/14/2023 2:45:00 PM
Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|-------------------------------|--------|------|------|------|-------|----|------------------------|----------|
| EPA METHOD 1664B | | | | | | | Analyst: AB | |
| N-Hexane Extractable Material | ND | 8.73 | 9.80 | | mg/L | 1 | 12/19/2023 11:40:00 AM | 79435 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Hall Environmental Analysis Laboratory, Inc.

CLIENT: AMAFCA
 Project: CMC FY24 Dry
 Lab ID: 2312898-002D

Client Sample ID: R6South-20231214
 Collection Date: 12/14/2023 2:45:00 PM
 Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|--|--------|-------|-------|------|----------|----|------------------------|----------|
| EPA METHOD 300.0: ANIONS Analyst: SNS | | | | | | | | |
| Nitrate+Nitrite as N | 0.32 | 0.11 | 1.0 | J | mg/L | 5 | 12/19/2023 3:14:28 PM | R10196 |
| SM 4500 NH3: AMMONIA Analyst: MCA | | | | | | | | |
| Nitrogen, Ammonia | 0.84 | 0.57 | 2.0 | JD | mg/L | 2 | 12/21/2023 9:18:00 AM | R10201 |
| SM4500-H+B / 9040C: PH Analyst: MCA | | | | | | | | |
| pH | 8.17 | | | H | pH units | 1 | 12/20/2023 2:00:25 PM | R10201 |
| EPA METHOD 365.1: TOTAL PHOSPHOROUS Analyst: JMT | | | | | | | | |
| Phosphorus, Total (As P) | 0.14 | 0.050 | 0.050 | | mg/L | 1 | 1/6/2024 1:48:00 PM | 79761 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS Analyst: KS | | | | | | | | |
| Total Dissolved Solids | 226 | 25.0 | 50.0 | | mg/L | 1 | 12/21/2023 7:22:00 PM | 79518 |
| EPA 351.2: TKN Analyst: MRA | | | | | | | | |
| Nitrogen, Kjeldahl, Total | ND | 0.50 | 0.50 | | mg/L | 1 | 1/13/2024 3:10:57 PM | 79864 |
| SM 2540D: TSS Analyst: KS | | | | | | | | |
| Suspended Solids | 22 | 4.0 | 4.0 | | mg/L | 1 | 12/22/2023 10:47:00 AM | 79546 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-002E

Client Sample ID: R6South-20231214
Collection Date: 12/14/2023 2:45:00 PM
Matrix: Aqueous

Table with 10 columns: Analyses, Result, MDL, RL, Qual, Units, DF, Date Analyzed, Batch ID. Row 1: EPA METHOD 365.1: TOTAL PHOSPHOROUS, Analyst: JMT. Row 2: Phosphorus, Total (As P), 0.065, 0.050, 0.050, mg/L, 1, 1/6/2024 1:49:00 PM, 79761.

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Table with 2 columns: Qualifiers and descriptions. Includes codes like *, D, H, ND, PQL, S, B, E, J, P, RL and their corresponding definitions.

Hall Environmental Analysis Laboratory, Inc.

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-002F

Client Sample ID: R6South-20231214
Collection Date: 12/14/2023 2:45:00 PM
Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|---------------------------------|--------|-------|-----|------|-------|----|---------------------|----------|
| EPA METHOD 200.7: METALS | | | | | | | Analyst: JRR | |
| Calcium | 39 | 0.053 | 1.0 | | mg/L | 1 | 1/9/2024 5:18:26 PM | 79508 |
| Magnesium | 7.0 | 0.033 | 1.0 | | mg/L | 1 | 1/9/2024 5:18:26 PM | 79508 |
| SM2340B: HARDNESS | | | | | | | Analyst: JRR | |
| Hardness as CaCO3 | 130 | 2.5 | 6.6 | | mg/L | 1 | 1/9/2024 | R10233 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | |
|--------------------|---|---|
| Qualifiers: | <ul style="list-style-type: none"> * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of standard limits. If undiluted results may be estimated. | <ul style="list-style-type: none"> B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not In Range RL Reporting Limit |
|--------------------|---|---|

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-002G

Client Sample ID: R6South-20231214
Collection Date: 12/14/2023 2:45:00 PM
Matrix: Aqueous

| Analyses | Result | MDL | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|---------|----------|---------|------|-------|----|-----------------------|----------|
| EPA 200.8: DISSOLVED METALS | | | | | | | Analyst: bcv | |
| Copper | 0.00075 | 0.000093 | 0.00050 | | mg/L | 1 | 12/19/2023 1:37:35 PM | B101952 |
| Lead | ND | 0.000032 | 0.00050 | | mg/L | 1 | 12/19/2023 1:37:35 PM | B101952 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order: 2312898

Date Reported: 3/5/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: AMAFCA
Project: CMC FY24 Dry
Lab ID: 2312898-002H

Client Sample ID: R6South-20231214
Collection Date: 12/14/2023 2:45:00 PM
Matrix: Aqueous

Table with columns: Analyses, Result, MDL, RL, Qual, Units, DF, Date Analyzed, Batch ID. Row 1: SM5220D: COD, Chemical Oxygen Demand, ND, 50.0, 50.0, mg/L, 1, 1/3/2024 10:26:00 AM, 79689. Analyst: AB

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Table with 2 columns: Qualifiers and their descriptions. Includes codes like *, D, H, ND, PQL, S, B, E, J, P, RL and their corresponding definitions.

Anatek Labs, Inc.

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Client: Hall Environmental Analysis Lab
Address: 4901 Hawkins NE Suite D
Albuquerque, NM 87109
Attn: Andy Freeman

Work Order: MDL0646
Project: 2312898
Reported: 2/19/2024 09:01

Analytical Results Report

Sample Location: 2312898-001I (R6 North-20231213)
Lab/Sample Number: MDL0646-01 **Collect Date:** 12/13/23 12:00
Date Received: 12/19/23 14:44 **Collected By:**
Matrix: Water

| Analyte | Result | Units | PQL | Analyzed | Analyst | Method | Qualifier |
|--|--------------|-------|---------------|-----------------------|------------|------------------|-----------|
| Volatiles | | | | | | | |
| Tetrahydrofuran | ND | ug/L | 0.500 | 12/22/23 13:35 | BKP | EPA 8260D | |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> | <i>103%</i> | | <i>70-130</i> | <i>12/22/23 13:35</i> | <i>BKP</i> | <i>EPA 8260D</i> | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>75.8%</i> | | <i>70-130</i> | <i>12/22/23 13:35</i> | <i>BKP</i> | <i>EPA 8260D</i> | |
| <i>Surrogate: Toluene-d8</i> | <i>97.6%</i> | | <i>70-130</i> | <i>12/22/23 13:35</i> | <i>BKP</i> | <i>EPA 8260D</i> | |

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Sample Location: 2312898-001N (R6 North-20231213)
 Lab/Sample Number: MDL0646-02 Collect Date: 12/13/23 12:00
 Date Received: 12/19/23 14:44 Collected By:
 Matrix: Water

| Analyte | Result | Units | PQL | Analyzed | Analyst | Method | Qualifier |
|--|--------------|-------|---------------|-----------------------|------------|------------------|-----------|
| Semivolatiles | | | | | | | |
| Dieldrin | ND | ug/L | 0.0100 | 12/27/23 20:52 | GPB | EPA 608.3 | |
| <i>Surrogate: DCB</i> | <i>83.6%</i> | | <i>40-130</i> | <i>12/27/23 20:52</i> | <i>GPB</i> | <i>EPA 608.3</i> | |
| Benzidine | ND | ug/L | 1.00 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| Benzo[a]anthracene | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| Benzo[a]pyrene | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| Benzo[b]fluoranthene | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| Benzo[k]fluoranthene | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| bis(2-Ethylhexyl)phthalate | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| Chrysene | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| Dibenz[a,h]anthracene | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| Dibenzofuran | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| Indeno[1,2,3-cd]pyrene | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| Pentachlorophenol | ND | ug/L | 0.500 | 12/29/23 0:29 | MAH | EPA 625.1 | |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | <i>92.4%</i> | | <i>47-122</i> | <i>12/29/23 0:29</i> | <i>MAH</i> | <i>EPA 625.1</i> | |
| <i>Surrogate: 2-Fluorobiphenyl</i> | <i>81.2%</i> | | <i>49-115</i> | <i>12/29/23 0:29</i> | <i>MAH</i> | <i>EPA 625.1</i> | |
| <i>Surrogate: 2-Fluorophenol</i> | <i>78.6%</i> | | <i>30-115</i> | <i>12/29/23 0:29</i> | <i>MAH</i> | <i>EPA 625.1</i> | |
| <i>Surrogate: Nitrobenzene-d5</i> | <i>76.2%</i> | | <i>51-110</i> | <i>12/29/23 0:29</i> | <i>MAH</i> | <i>EPA 625.1</i> | |
| <i>Surrogate: Phenol-2,3,4,5,6-d5</i> | <i>81.2%</i> | | <i>40-120</i> | <i>12/29/23 0:29</i> | <i>MAH</i> | <i>EPA 625.1</i> | |
| <i>Surrogate: Terphenyl-d14</i> | <i>106%</i> | | <i>50-130</i> | <i>12/29/23 0:29</i> | <i>MAH</i> | <i>EPA 625.1</i> | |

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location: 2312898-002I (R6 South-20231214)
Lab/Sample Number: MDL0646-03 Collect Date: 12/14/23 14:45
Date Received: 12/19/23 14:44 Collected By:
Matrix: Water

| Analyte | Result | Units | PQL | Analyzed | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|----------------|---------|-----------|-----------|
| Volatiles | | | | | | | |
| Tetrahydrofuran | ND | ug/L | 0.500 | 12/22/23 14:07 | BKP | EPA 8260D | |
| Surrogate: 1,2-Dichlorobenzene-d4 | 104% | | 70-130 | 12/22/23 14:07 | BKP | EPA 8260D | |
| Surrogate: 4-Bromofluorobenzene | 76.0% | | 70-130 | 12/22/23 14:07 | BKP | EPA 8260D | |
| Surrogate: Toluene-d8 | 98.1% | | 70-130 | 12/22/23 14:07 | BKP | EPA 8260D | |

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Sample Location: 2312898-002N (R6 South-20231214)
 Lab/Sample Number: MDL0646-04 Collect Date: 12/13/23 12:00
 Date Received: 12/19/23 14:44 Collected By:
 Matrix: Water

| Analyte | Result | Units | PQL | Analyzed | Analyst | Method | Qualifier |
|--|--------|-------|--------|----------------|---------|-----------|-----------|
| Semivolatiles | | | | | | | |
| Dieldrin | ND | ug/L | 0.0100 | 12/27/23 21:10 | GPB | EPA 608.3 | |
| <i>Surrogate: DCB</i> | 90.2% | | 40-130 | 12/27/23 21:10 | GPB | EPA 608.3 | |
| Benzidine | ND | ug/L | 1.00 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| Benzo[a]anthracene | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| Benzo[a]pyrene | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| Benzo[b]fluoranthene | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| Benzo[k]fluoranthene | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| bis(2-Ethylhexyl)phthalate | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| Chrysene | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| Dibenz[a,h]anthracene | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| Dibenzofuran | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| Indeno[1,2,3-cd]pyrene | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| Pentachlorophenol | ND | ug/L | 0.500 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | 90.8% | | 47-122 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| <i>Surrogate: 2-Fluorobiphenyl</i> | 86.7% | | 49-115 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| <i>Surrogate: 2-Fluorophenol</i> | 78.2% | | 30-115 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| <i>Surrogate: Nitrobenzene-d5</i> | 84.8% | | 51-110 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| <i>Surrogate: Phenol-2,3,4,5,6-d5</i> | 82.5% | | 40-120 | 12/29/23 0:56 | MAH | EPA 625.1 | |
| <i>Surrogate: Terphenyl-d14</i> | 108% | | 50-130 | 12/29/23 0:56 | MAH | EPA 625.1 | |

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Authorized Signature,



Justin Doty For Todd Taruscio, Laboratory Manager

| | |
|-----|---|
| PQL | Practical Quantitation Limit |
| ND | Not Detected |
| MCL | EPA's Maximum Contaminant Level |
| Dry | Sample results reported on a dry weight basis |
| * | Not a state-certified analyte |

This report shall not be reproduced except in full, without the written approval of the laboratory
The results reported related only to the samples indicated.

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Quality Control Data

Semivolatiles

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch: BDL0839 - Pesticides

Blank (BDL0839-BLK1)

Prepared: 12/20/2023 Analyzed: 12/27/2023

| | | | | | | | | | | |
|----------------|----|--|--------|------|------|--|-----|--------|--|--|
| Dieldrin | ND | | 0.0100 | ug/L | | | | | | |
| Surrogate: DCB | | | 1.36 | ug/L | 1.25 | | 109 | 40-130 | | |

LCS (BDL0839-BS1)

Prepared: 12/20/2023 Analyzed: 12/27/2023

| | | | | | | | | | | |
|----------------|-------|--|--------|------|-------|--|------|--------|--|--|
| Dieldrin | 0.488 | | 0.0100 | ug/L | 0.500 | | 97.6 | 73-136 | | |
| Surrogate: DCB | | | 1.15 | ug/L | 1.25 | | 91.7 | 40-130 | | |

Matrix Spike (BDL0839-MS1)

Source: MDL0646-02

Prepared: 12/20/2023 Analyzed: 12/27/2023

| | | | | | | | | | | |
|----------------|-------|--|--------|------|-------|----|------|--------|--|--|
| Dieldrin | 0.494 | | 0.0100 | ug/L | 0.500 | ND | 98.7 | 66-129 | | |
| Surrogate: DCB | | | 1.00 | ug/L | 1.25 | | 80.1 | 40-130 | | |

Matrix Spike Dup (BDL0839-MSD1)

Source: MDL0646-02

Prepared: 12/20/2023 Analyzed: 12/27/2023

| | | | | | | | | | | |
|----------------|-------|--|--------|------|-------|----|------|--------|------|----|
| Dieldrin | 0.507 | | 0.0100 | ug/L | 0.500 | ND | 101 | 66-129 | 2.67 | 30 |
| Surrogate: DCB | | | 1.09 | ug/L | 1.25 | | 86.9 | 40-130 | | |

Batch: BDL0939 - SVOC Water

Blank (BDL0939-BLK1)

Prepared: 12/20/2023 Analyzed: 12/28/2023

| | | | | | | | | | | |
|---------------------------------|----|--|-------|------|------|--|------|--------|--|--|
| Benzidine | ND | | 1.00 | ug/L | | | | | | |
| Di (2-ethylhexyl) phthalate | ND | | 0.500 | ug/L | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | | 0.500 | ug/L | | | | | | |
| Dibenzofuran | ND | | 0.500 | ug/L | | | | | | |
| Dibenz(a,h)anthracene | ND | | 0.500 | ug/L | | | | | | |
| Chrysene | ND | | 0.500 | ug/L | | | | | | |
| Pentachlorophenol | ND | | 0.500 | ug/L | | | | | | |
| Benzo[k]fluoranthene | ND | | 0.500 | ug/L | | | | | | |
| Benzo[b]fluoranthene | ND | | 0.500 | ug/L | | | | | | |
| Benzo[a]anthracene | ND | | 0.500 | ug/L | | | | | | |
| Benzo[a]pyrene | ND | | 0.500 | ug/L | | | | | | |
| Surrogate: Phenol-2,3,4,5,6-d5 | | | 43.7 | ug/L | 50.0 | | 87.5 | 40-120 | | |
| Surrogate: Nitrobenzene-d5 | | | 21.0 | ug/L | 25.0 | | 84.0 | 51-110 | | |
| Surrogate: Terphenyl-d14 | | | 27.5 | ug/L | 25.0 | | 110 | 50-130 | | |
| Surrogate: 2-Fluorophenol | | | 39.5 | ug/L | 50.0 | | 78.9 | 30-115 | | |
| Surrogate: 2-Fluorobiphenyl | | | 21.7 | ug/L | 25.0 | | 86.6 | 49-115 | | |
| Surrogate: 2,4,6-Tribromophenol | | | 44.8 | ug/L | 50.0 | | 89.6 | 47-122 | | |

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Quality Control Data (Continued)

Semivolatiles (Continued)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|--|--------|------|-----------------|-------|---|---------------|------|-------------|-----|-----------|
| Batch: BDL0939 - SVOC Water (Continued) | | | | | | | | | | |
| LCS (BDL0939-BS1) | | | | | Prepared: 12/20/2023 Analyzed: 12/28/2023 | | | | | |
| Indeno(1,2,3-cd)pyrene | 4.19 | | 0.500 | ug/L | 5.00 | | 83.8 | 67-120 | | |
| Benzo[k]fluoranthene | 5.01 | | 0.500 | ug/L | 5.00 | | 100 | 70-122 | | |
| Dibenzofuran | 4.03 | | 0.500 | ug/L | 5.00 | | 80.6 | 70-120 | | |
| Dibenz(a,h)anthracene | 4.30 | | 0.500 | ug/L | 5.00 | | 86.0 | 64-120 | | |
| Benzo[a]anthracene | 4.61 | | 0.500 | ug/L | 5.00 | | 92.2 | 70-120 | | |
| Di (2-ethylhexyl) phthalate | 4.85 | | 0.500 | ug/L | 5.00 | | 97.0 | 61-141 | | |
| Benzo[b]fluoranthene | 4.63 | | 0.500 | ug/L | 5.00 | | 92.6 | 70-120 | | |
| Chrysene | 4.80 | | 0.500 | ug/L | 5.00 | | 96.0 | 70-120 | | |
| Benzo[a]pyrene | 4.19 | | 0.500 | ug/L | 5.00 | | 83.8 | 64-120 | | |
| Pentachlorophenol | 4.41 | | 0.500 | ug/L | 5.00 | | 88.2 | 61-120 | | |
| ----- | | | | | | | | | | |
| Surrogate: Phenol-2,3,4,5,6-d5 | | | 39.4 | ug/L | 50.0 | | 78.8 | 40-120 | | |
| Surrogate: Nitrobenzene-d5 | | | 21.2 | ug/L | 25.0 | | 84.6 | 51-110 | | |
| Surrogate: Terphenyl-d14 | | | 25.7 | ug/L | 25.0 | | 103 | 50-130 | | |
| Surrogate: 2-Fluorophenol | | | 34.9 | ug/L | 50.0 | | 69.7 | 30-115 | | |
| Surrogate: 2-Fluorobiphenyl | | | 21.9 | ug/L | 25.0 | | 87.7 | 49-115 | | |
| Surrogate: 2,4,6-Tribromophenol | | | 43.8 | ug/L | 50.0 | | 87.7 | 47-122 | | |

LCS Dup (BDL0939-BSD1)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|------|-----------------|-------|-------------|---------------|------|-------------|-------|-----------|
| Prepared: 12/20/2023 Analyzed: 12/28/2023 | | | | | | | | | | |
| Dibenz(a,h)anthracene | 4.32 | | 0.500 | ug/L | 5.00 | | 86.4 | 64-120 | 0.464 | 25 |
| Dibenzofuran | 4.36 | | 0.500 | ug/L | 5.00 | | 87.2 | 70-120 | 7.87 | 25 |
| Indeno(1,2,3-cd)pyrene | 4.22 | | 0.500 | ug/L | 5.00 | | 84.4 | 67-120 | 0.713 | 25 |
| Pentachlorophenol | 4.68 | | 0.500 | ug/L | 5.00 | | 93.6 | 61-120 | 5.94 | 25 |
| Chrysene | 4.76 | | 0.500 | ug/L | 5.00 | | 95.2 | 70-120 | 0.837 | 25 |
| Benzo[a]anthracene | 4.56 | | 0.500 | ug/L | 5.00 | | 91.2 | 70-120 | 1.09 | 25 |
| Di (2-ethylhexyl) phthalate | 4.62 | | 0.500 | ug/L | 5.00 | | 92.4 | 61-141 | 4.86 | 25 |
| Benzo[a]pyrene | 4.40 | | 0.500 | ug/L | 5.00 | | 88.0 | 64-120 | 4.89 | 25 |
| Benzo[b]fluoranthene | 4.62 | | 0.500 | ug/L | 5.00 | | 92.4 | 70-120 | 0.216 | 25 |
| Benzo[k]fluoranthene | 5.00 | | 0.500 | ug/L | 5.00 | | 100 | 70-122 | 0.200 | 25 |
| ----- | | | | | | | | | | |
| Surrogate: Phenol-2,3,4,5,6-d5 | | | 46.2 | ug/L | 50.0 | | 92.4 | 40-120 | | |
| Surrogate: Nitrobenzene-d5 | | | 23.2 | ug/L | 25.0 | | 92.8 | 51-110 | | |
| Surrogate: Terphenyl-d14 | | | 26.0 | ug/L | 25.0 | | 104 | 50-130 | | |
| Surrogate: 2-Fluorophenol | | | 46.5 | ug/L | 50.0 | | 93.0 | 30-115 | | |
| Surrogate: 2-Fluorobiphenyl | | | 23.9 | ug/L | 25.0 | | 95.7 | 49-115 | | |
| Surrogate: 2,4,6-Tribromophenol | | | 48.7 | ug/L | 50.0 | | 97.4 | 47-122 | | |

Quality Control Data (Continued)

Volatiles

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|-----------------------------------|--------|------|-----------------|-------|---------------------------------|---------------|------|-------------|-----|-----------|
| Batch: BDL0895 - VOC | | | | | | | | | | |
| Blank (BDL0895-BLK1) | | | | | Prepared & Analyzed: 12/21/2023 | | | | | |
| Tetrahydrofuran | ND | | 0.500 | ug/L | | | | | | |
| ----- | | | | | | | | | | |
| Surrogate: 4-Bromofluorobenzene | | | 19.1 | ug/L | 20.0 | | 95.4 | 70-130 | | |
| Surrogate: Toluene-d8 | | | 19.5 | ug/L | 20.0 | | 97.7 | 70-130 | | |
| Surrogate: 1,2-Dichlorobenzene-d4 | | | 20.0 | ug/L | 20.0 | | 100 | 70-130 | | |
| ----- | | | | | | | | | | |
| LCS (BDL0895-BS1) | | | | | Prepared & Analyzed: 12/22/2023 | | | | | |
| Tetrahydrofuran | 20.0 | | 0.500 | ug/L | 20.0 | | 100 | 80-120 | | |
| ----- | | | | | | | | | | |

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Quality Control Data (Continued)

Volatiles (Continued)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|
|---------|--------|------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|

Batch: BDL0895 - VOC (Continued)

LCS (BDL0895-BS1)

Prepared & Analyzed: 12/22/2023

| | | | | | | |
|-----------------------------------|------|------|------|--|------|--------|
| Surrogate: Toluene-d8 | 20.0 | ug/L | 20.0 | | 99.8 | 70-130 |
| Surrogate: 4-Bromofluorobenzene | 16.0 | ug/L | 20.0 | | 80.2 | 70-130 |
| Surrogate: 1,2-Dichlorobenzene-d4 | 20.0 | ug/L | 20.0 | | 100 | 70-130 |



| | | | |
|---|-----------------------------------|------------------------------|----------------------------|
| SUB CONTRACTOR: Anatek ID | COMPANY: Anatek Labs, Inc. | PHONE: (208) 883-2839 | FAX: (208) 882-9246 |
| ADDRESS: 1282 Alturas Dr | | ACCOUNT #: | EMAIL: |
| CITY, STATE, ZIP: Moscow, ID 83843 | | | |

| ITEM | SAMPLE | CLIENT SAMPLE ID | BOTTLE TYPE | MATRIX | COLLECTION DATE | # CONTAINERS | ANALYTICAL COMMENTS |
|------|--------------|-------------------|-------------|---------|------------------------|--------------|------------------------------|
| 1 | 2312898-001I | R6 North-20231213 | VOAHCL | Aqueous | 12/13/2023 12:00:00 PM | 3 | Tetrahydrofuran by 8260 only |
| 2 | 2312898-001N | R6 North-20231213 | 1LAMGU | Aqueous | 12/13/2023 12:00:00 PM | 2 | 608, 625 See Attached- |
| 3 | 2312898-002I | R6South-20231214 | VOAHCL | Aqueous | 12/14/2023 2:45:00 PM | 3 | Tetrahydrofuran by 8260 only |
| 4 | 2312898-002N | R6South-20231214 | 1LAMGU | Aqueous | 12/14/2023 2:45:00 PM | 2 | 608, 625 See Attached- |

SPECIAL INSTRUCTIONS / COMMENTS:

Include the LAB ID and CLIENT SAMPLE ID on final reports. Email results to Hall.Lab@et.eurofinsus.com. For Questions email Hall.samplecontrol@et.eurofinsus.com. Please return all coolers and blue ice. Thank you.

| | | | | | | |
|---|------------------|---------------|------------------------|----------------|-------------|--|
| Relinquished By: <i>CM</i> | Date: 12/15/2023 | Time: 2:48 PM | Received By: <i>SM</i> | Date: 12/19/23 | Time: 14:44 | REPORT TRANSMITTAL DESIRED: <input type="checkbox"/> HARDCOPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool? _____ Comments: _____ |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: | |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: | |
| TAT: Standard <input checked="" type="checkbox"/> RUSH Next BD <input type="checkbox"/> 2nd BD <input type="checkbox"/> 3rd BD <input type="checkbox"/> | | | | | | |

Collaborative Monitoring Cooperative - Analyses List
Attach to Chain of Custody

| Analyte (Bold indicates WQS) | CAS # | Fraction | Method # | MU (ug/L) |
|---|---------------------------------|-----------|------------------|-----------|
| Hardness (Ca + Mg) | NA | Total | 200.7 | 2.4 |
| Lead | 7439-92-1 | Dissolved | 200.8 | 0.09 |
| Copper | 7440-50-8 | Dissolved | 200.8 | 1.06 |
| Ammonia + organic nitrogen | 7664-41-7 | Total | 350.1 | 31.32 |
| Total Kjeldal Nitrogen | 17778-88-0 | Total | 351.2 | 58.78 |
| Nitrate + Nitrite | 14797-55-8 | Total | 353.2 | 10.17 |
| Polychlorinated biphenyls (PCBs) | 1336-36-3 | Total | 1668 | 0.014 |
| Tetrahydrofuran (THF) | 109-99-9 | Total | 8260C | 7.9 |
| bis(2-Ethylhexyl)phthalate | 117-81-7 | Total | 8270D | 0.2 |
| Dibenzofuran | 132-64-9 | Total | 8270D | 0.2 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | Total | 8270D | 0.2 |
| Benzo(b)fluoranthene | 205-99-2 | Total | 8270D | 0.1 |
| Benzo(k)fluoranthene | 207-08-9 | Total | 8270D | 0.1 |
| Chrysene | 218-01-9 | Total | 8270D | 0.2 |
| Benzo(a)pyrene | 50-32-8 | Total | 8270D | 0.3 |
| Dibenzo(a,h)anthracene | 53-70-3 | Total | 8270D | 0.3 |
| Benzo(a)anthracene | 56-55-3 | Total | 8270D | 0.2 |
| Dieldrin | 60-57-1 | Total | 8270D | 0.1 |
| Pentachlorophenol | 87-86-5 | Total | 8270D | 0.2 |
| Benzidine | 92-87-5 | Total | 8270D | 0.1 |
| Chemical Oxygen Demand | E1641638² | Total | HACH | 5100 |
| Gross alpha (adjusted) | NA | Total | Method 900 | 0.1 pCi/L |
| Total Dissolved Solids | E1642222² | Total | SM 2540C | 60.4 |
| Total Suspended Solids | NA | Total | SM 2540D | 3450 |
| Biological Oxygen Demand | N/A | Total | Standard Methods | 930 |
| Oil and Grease | | Total | 1664A | 5000 |
| Exoil | | | SM 9223B | |
| PH | | | SM 4500 | |
| Phosphorus | | Dissolved | 365.1 | 100 |
| Phosphorus | | Total | 365.1 | 100 |
| Chromium IV | | Total | 3500Cr C-2011 | 100 |



Anatek Labs, Inc.

Sample Receipt and Preservation Form

Client Name: Hall

TAT: Normal RUSH: _____ days

Samples Received From: FedEx UPS USPS Client Courier Other: _____

Custody Seal on Cooler/Box: Yes No Custody Seals Intact: Yes No N/A

Number of Coolers/Boxes: 1 Type of Ice: Wet Ice Ice Packs Dry Ice None

Packing Material: Bubble Wrap Bags Foam/Peanuts Paper None Other: _____

Cooler Temp As Read (°C): 3.8 Cooler Temp Corrected (°C): _____ Thermometer Used: 125

Comments:

Samples Received Intact? Yes No N/A
 Chain of Custody Present/Complete? Yes No N/A
 Labels and Chains Agree? Yes No N/A
 Samples Received Within Hold Time? Yes No N/A
 Correct Containers Received? Yes No N/A
 Anatek Bottles Used? Yes No Unknown
 Total Number of Sample Bottles Received: 10

| |
|--|
| |
| |
| |
| |
| |
| |
| |
| |

Packing Material: Bubble
 Samples Properly Preserved? Yes No N/A
If No, record preservation and pH-after details
 VOC Vials Free of Headspace (<6mm)? Yes No N/A
 VOC Trip Blanks Present? Yes No N/A

| | | | |
|-------------|----|--------------|--|
| Initial pH: | | pH Paper ID: | |
| <2 | or | | |
| | | | |
| | | | |

Record preservatives (and lot numbers, if known) for containers below:

GIL-608/625 x 4
444 HCl 8260 by Tetrahydrofuran x 6

Notes, comments, etc. (also use this space if contacting the client - record names and date/time)

Received/Inspected By: SM Date/Time: 12/19/23 14:44

Form F19.01 - Eff 1 Dec 2022

Hall Environmental Analysis Laboratory

Sample Delivery Group: L1689671
Samples Received: 12/19/2023
Project Number:
Description:

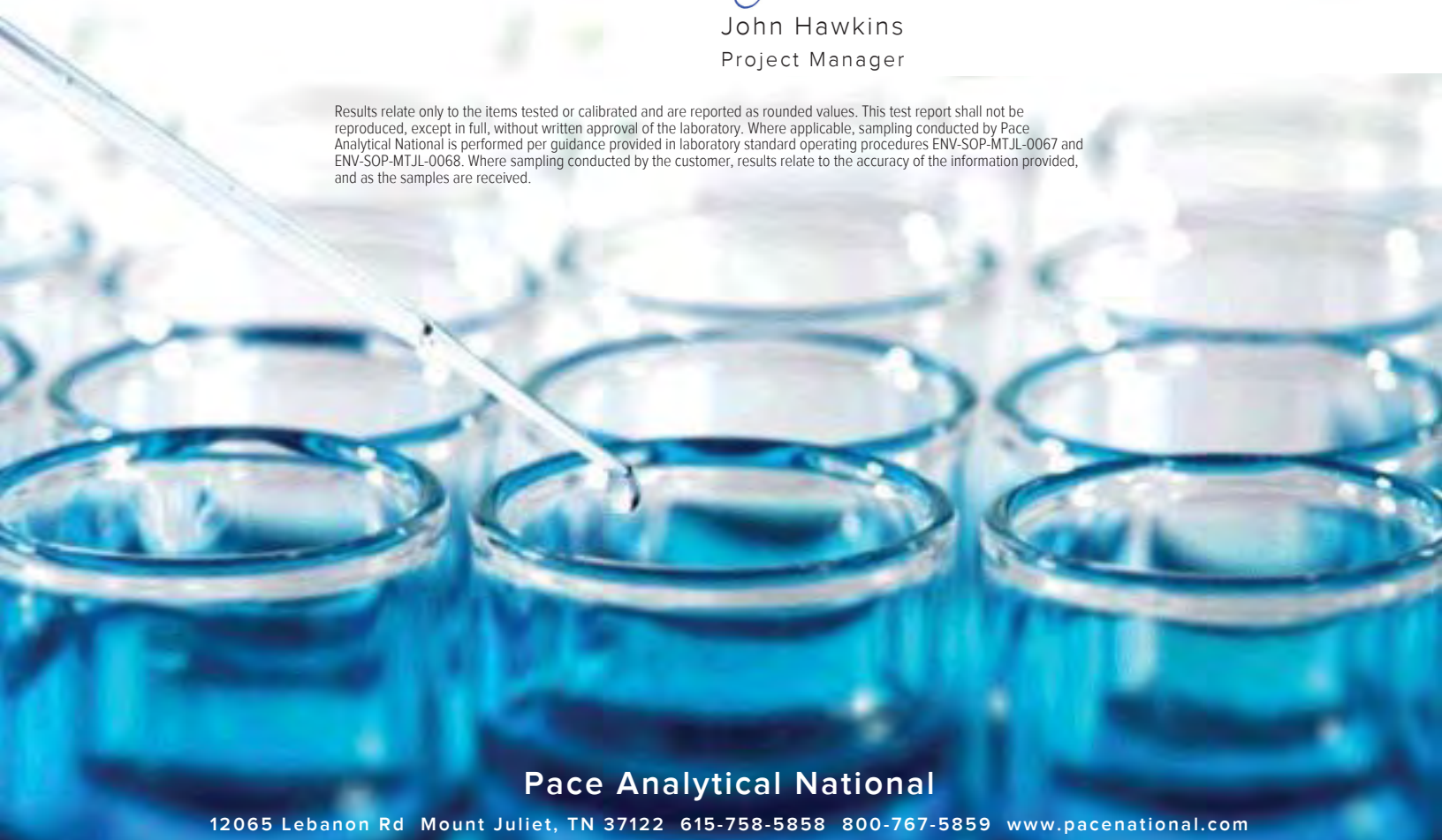
Report To: Andy Freeman
4901 Hawkins NE
Albuquerque, NM 87109

Entire Report Reviewed By:



John Hawkins
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 www.pacenational.com

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| | | ⁹ Sc |

SAMPLE SUMMARY

2312898-001K R6 NORTH-20231213 L1689671-01 GW

Collected by
12/13/23 12:00
Received date/time
12/19/23 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Wet Chemistry by Method 3500Cr C-2011 | WG2192881 | 1 | 12/27/23 02:50 | 12/27/23 02:50 | SET | Mt. Juliet, TN |

¹Cp

²Tc

³Ss

2312898-002K R6SOUTH-20231214 L1689671-02 GW

Collected by
12/14/23 14:45
Received date/time
12/19/23 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Wet Chemistry by Method 3500Cr C-2011 | WG2192881 | 1 | 12/27/23 03:01 | 12/27/23 03:01 | SET | Mt. Juliet, TN |

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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.



John Hawkins
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Wet Chemistry by Method 3500Cr C-2011

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------------------|--------|-----------|----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | ND | | 0.000500 | 1 | 12/27/2023 02:50 | WG2192881 |

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

Wet Chemistry by Method 3500Cr C-2011

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------------------|--------|-----------|----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | ND | | 0.000500 | 1 | 12/27/2023 03:01 | WG2192881 |

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

Method Blank (MB)

(MB) R4016926-1 12/27/23 01:29

| Analyte | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------------------|-----------|--------------|----------|----------|
| Hexavalent Chromium | U | | 0.000150 | 0.000500 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1688418-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1688418-02 12/27/23 02:06 • (DUP) R4016926-3 12/27/23 02:17

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium | 0.00166 | 0.00165 | 1 | 0.871 | | 20 |

L1691175-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1691175-01 12/27/23 04:51 • (DUP) R4016926-5 12/27/23 05:02

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium | ND | ND | 1 | 0.000 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4016926-2 12/27/23 01:40

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------------------|--------------|------------|----------|-------------|---------------|
| Hexavalent Chromium | 0.00200 | 0.00201 | 101 | 90.0-110 | |

L1689942-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1689942-01 12/27/23 03:12 • (MS) R4016926-4 12/27/23 03:23

| Analyte | Spike Amount | Original Result | MS Result | MS Rec. | Dilution | Rec. Limits | MS Qualifier |
|---------------------|--------------|-----------------|-----------|---------|----------|-------------|--------------|
| Hexavalent Chromium | 0.0500 | ND | 0.0454 | 90.8 | 1 | 90.0-110 | |

L1691177-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1691177-01 12/27/23 05:35 • (MS) R4016926-6 12/27/23 06:07 • (MSD) R4016926-7 12/27/23 06:18

| Analyte | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD | RPD Limits |
|---------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
| Hexavalent Chromium | 0.0500 | ND | 0.0465 | 0.0463 | 92.9 | 92.6 | 1 | 90.0-110 | | | 0.328 | 20 |

GLOSSARY OF TERMS

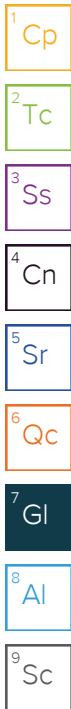
Guide to Reading and Understanding Your Laboratory Report

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. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| 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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

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 |
| Idaho | TN00003 | Ohio–VAP | CL0069 |
| Illinois | 200008 | Oklahoma | 9915 |
| Indiana | C-TN-01 | Oregon | TN200002 |
| Iowa | 364 | Pennsylvania | 68-02979 |
| Kansas | E-10277 | Rhode Island | LA000356 |
| Kentucky ^{1,6} | KY90010 | South Carolina | 84004002 |
| Kentucky ² | 16 | South Dakota | n/a |
| Louisiana | AI30792 | 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 |
| EPA–Crypto | TN00003 | | |

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.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

| | | | |
|---|-------------------------|------------------------------|----------------------------|
| SUB CONTRACTOR: Pace TN | COMPANY: PACE TN | PHONE: (800) 767-5859 | FAX: (615) 758-5859 |
| ADDRESS: 12065 Lebanon Rd | | ACCOUNT #: | EMAIL: A120 |
| CITY, STATE, ZIP: Mt. Juliet, TN 37122 | | | |

| ITEM | SAMPLE | CLIENT SAMPLE ID | BOTTLE TYPE | MATRIX | COLLECTION DATE | # CONTAINERS | ANALYTICAL COMMENTS |
|------|--------------|-------------------|-------------|---------|------------------------|--------------|---------------------|
| 1 | 2312898-001K | R6 North-20231213 | 120mL | Aqueous | 12/13/2023 12:00:00 PM | 1 Cr6 | 21689671 -01 |
| 2 | 2312898-002K | R6South-20231214 | 120mL | Aqueous | 12/14/2023 2:45:00 PM | 1 Cr6 | -02 |

Sample Receipt Checklist

COC Seal Present/Intact: Y N If Applicable

COC Signed/Accurate: Y N VOA Zero headspace: Y N

Bottles arrive intact: Y N Pres. Correct/Check: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

RA screen <0.5 mR/hr: Y N

SPECIAL INSTRUCTIONS / COMMENTS:

Include the LAB ID and CLIENT SAMPLE ID on final reports. Email results to Hall.Lab@et.eurofinsus.com. For Questions email Hall.samplecontrol@et.eurofinsus.com. Please return all coolers and blue ice. Thank you.

| | | | | | |
|-----------------------------|------------------|---------------|---------------------------------|----------------|------------|
| Relinquished By: <i>CEW</i> | Date: 12/15/2023 | Time: 8:45 AM | Received By: | Date: | Time: |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
| Relinquished By: | Date: | Time: | Received By: <i>Porta Lopez</i> | Date: 12-19-23 | Time: 9:00 |

TAT: Standard RUSH Next BD 2nd BD 3rd BD

REPORT TRANSMITTAL DESIRED:

HARDCOPY (extra cost) FAX EMAIL ONLINE

FOR LAB USE ONLY

Temp of samples: *ms98 2.740-2.4* Attempt to Cool? *6643 4204 9561*

Comments:

ANALYTICAL REPORT

PREPARED FOR

Attn: Data Submittal
EET South Central Hall Environmental Analysis Laboratory
4901 Hawkins NE
Suite D
Albuquerque, New Mexico 87109

Generated 1/18/2024 3:40:00 PM

JOB DESCRIPTION

2312898
2312898

JOB NUMBER

160-52632-1

Eurofins St. Louis

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



Generated
1/18/2024 3:40:00 PM

Authorized for release by
Erika Jordan, Project Manager
erika.jordan@et.eurofinsus.com
(314)298-8566



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| QC Association Summary | 13 |

Case Narrative

Client: EET South Central Hall Environmental Analysis Laboratory
Project: 2312898

Job ID: 160-52632-1

Job ID: 160-52632-1

Eurofins St. Louis

CASE NARRATIVE

Client: Hall Environmental Analysis Laboratory

Project: 2312898

Report Number: 160-52632-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

The method blank (MB) z-score is within limits, unless stated otherwise below.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

Reference the chain of custody and receipt report for any variations on receipt conditions.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

Receipt

The samples were received on 12/19/2023 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperature of the cooler at receipt time was 5.6°C

Method 200.8 - Metals (ICP/MS)

Samples 2312898-001M/ R6 North-20231213 (52632-1) and 2312898-002M/ R6 South-20231214 (52632-2) were analyzed for Metals (ICP/MS). The samples were prepared on 12/20/2023 and analyzed on 12/21/2023.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method 900.0 - Gross Alpha and Gross Beta Radioactivity

Samples 2312898-001M/ R6 North-20231213 (52632-1) and 2312898-002M/ R6 South-20231214 (52632-2) were analyzed for Gross Alpha and Gross Beta Radioactivity. The samples were prepared on 12/21/2023 and analyzed on 1/12/2024.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Gross Alpha Adj - Gross Alpha Adjusted

Eurofins St. Louis

Case Narrative

Client: EET South Central Hall Environmental Analysis Laboratory
Project: 2312898

Job ID: 160-52632-1

Job ID: 160-52632-1 (Continued)

Eurofins St. Louis

Samples 2312898-001M/ R6 North-20231213 (52632-1) and 2312898-002M/ R6 South-20231214 (52632-2) were analyzed for Gross Alpha Adjusted. The samples were prepared on 12/20/2023 and analyzed on 12/21/2023 and 1/12/2024.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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| SUB CONTRACTOR | | Eurofins St. Louis | | COMPANY | | Eurofins TestAmerica | | PHONE: | (314) 298-8566 | FAX: | (314) 298-8757 | |
|------------------|--------------|-------------------------|-------------|---------|------------------------|----------------------|--|-----------|----------------|------|----------------|--|
| ADDRESS | | 13715 Rider Trail North | | | | | | ACCOUNT # | EMAIL | | | |
| CITY, STATE, ZIP | | Earth City, MO 63045 | | | | | | | | | | |
| ITEM | SAMPLE | CLIENT SAMPLE ID | BOTTLE TYPE | MATRIX | COLLECTION DATE | # CONTAINERS | ANALYTICAL COMMENTS | | | | | |
| 1 | 2312898-001M | R6 North-20231213 | 1LHDPEHNO | Aqueous | 12/13/2023 12:00:00 PM | 2 | Adjusted Gross Alpha -Pease Apply ICO Pricing- | | | | | |
| 2 | 2312898-002M | R6South-20231214 | 1LHDPEHNO | Aqueous | 12/14/2023 2:45:00 PM | 2 | Adjusted Gross Alpha -Pease Apply ICO Pricing- | | | | | |



SPECIAL INSTRUCTIONS / COMMENTS:

Include the LAB ID and CLIENT SAMPLE ID on final reports. Email results to Hall.Lab@et.eurofinsus.com. For Questions email Hall.samplecontrol@et.eurofinsus.com. Please return all coolers and blue ice. Thank you.

| | | | | | | |
|--|------------------|---------------|---------------------------------|----------------|------------|--|
| Relinquished By: <i>CU</i> | Date: 12/15/2023 | Time: 2:49 PM | Received By: <i>[Signature]</i> | Date: 12/19/23 | Time: 0950 | REPORT TRANSMITTAL DESIRED: <input type="checkbox"/> HARD COPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool? _____ Comments _____ |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: | |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: | |
| TAT: Standard <input type="checkbox"/> RUSH Next BD <input type="checkbox"/> 2nd BD <input type="checkbox"/> 3rd BD <input type="checkbox"/> | | | | | | |



Login Sample Receipt Checklist

Client: EET South Central Hall Environmental Analysis Laboratory

Job Number: 160-52632-1

SDG Number: 2312898

Login Number: 52632

List Number: 1

Creator: Thornley, Richard W

List Source: Eurofins St. Louis

| Question | Answer | Comment |
|---|--------|---------|
| Radioactivity wasn't checked or is \leq background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | N/A | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | N/A | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |



Definitions/Glossary

Client: EET South Central Hall Environmental Analysis Laboratory
Project/Site: 2312898

Job ID: 160-52632-1
SDG: 2312898

Qualifiers

Rad

| Qualifier | Qualifier Description |
|-----------|---|
| U | Result is less than the sample detection limit. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Method Summary

Client: EET South Central Hall Environmental Analysis Laboratory
Project/Site: 2312898

Job ID: 160-52632-1
SDG: 2312898

| Method | Method Description | Protocol | Laboratory |
|-----------------|--|----------|------------|
| 200.8 | Metals (ICP/MS) | EPA | EET SL |
| 900.0 | Gross Alpha and Gross Beta Radioactivity | EPA | EET SL |
| Gross Alpha Adj | Gross Alpha Adjusted | SM | EET SL |
| 200.7/200.8 | Preparation, Metals | EPA | EET SL |
| Evaporation | Preparation, Evaporation | None | EET SL |

Protocol References:

- EPA = US Environmental Protection Agency
- None = None
- SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

- EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566



Sample Summary

Client: EET South Central Hall Environmental Analysis Laboratory
Project/Site: 2312898

Job ID: 160-52632-1
SDG: 2312898

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|---------------------------------|--------|----------------|----------------|
| 160-52632-1 | 2312898-001M/ R6 North-20231213 | Water | 12/13/23 12:00 | 12/19/23 09:30 |
| 160-52632-2 | 2312898-002M/ R6 South-20231214 | Water | 12/14/23 14:45 | 12/19/23 09:30 |

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- 2
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Client Sample Results

Client: EET South Central Hall Environmental Analysis Laboratory
 Project/Site: 2312898

Job ID: 160-52632-1
 SDG: 2312898

Client Sample ID: 2312898-001M/ R6 North-20231213

Lab Sample ID: 160-52632-1

Date Collected: 12/13/23 12:00

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 200.8 - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Uranium | 2.0 | | 1.0 | 0.15 | ug/L | | 12/20/23 13:07 | 12/21/23 18:29 | 2 |

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

| Analyte | Result | Qualifier | Count | Total | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|-------------|--------|-----------|--------------------|--------------------|------|------|-------|----------------|----------------|---------|
| | | | Uncert. (2σ+/-) | Uncert. (2σ+/-) | | | | | | |
| Gross Alpha | 3.56 | | 1.67 | 1.72 | 3.00 | 2.17 | pCi/L | 12/21/23 09:43 | 01/12/24 07:28 | 1 |

Method: SM Gross Alpha Adj - Gross Alpha Adjusted

| Analyte | Result | Qualifier | Count | Total | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|--------------------|--------------------|------|------|-------|----------|----------------|---------|
| | | | Uncert. (2σ+/-) | Uncert. (2σ+/-) | | | | | | |
| Adjusted Gross Alpha | 2.25 | | 1.67 | 1.72 | 3.00 | 2.17 | pCi/L | | 01/12/24 07:28 | 1 |

Client Sample ID: 2312898-002M/ R6 South-20231214

Lab Sample ID: 160-52632-2

Date Collected: 12/14/23 14:45

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 200.8 - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Uranium | 2.3 | | 1.0 | 0.15 | ug/L | | 12/20/23 13:07 | 12/21/23 18:43 | 2 |

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

| Analyte | Result | Qualifier | Count | Total | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|-------------|--------|-----------|--------------------|--------------------|------|------|-------|----------------|----------------|---------|
| | | | Uncert. (2σ+/-) | Uncert. (2σ+/-) | | | | | | |
| Gross Alpha | 2.48 | | 1.38 | 1.40 | 3.00 | 1.88 | pCi/L | 12/21/23 09:43 | 01/12/24 07:29 | 1 |

Method: SM Gross Alpha Adj - Gross Alpha Adjusted

| Analyte | Result | Qualifier | Count | Total | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|--------------------|--------------------|------|------|-------|----------|----------------|---------|
| | | | Uncert. (2σ+/-) | Uncert. (2σ+/-) | | | | | | |
| Adjusted Gross Alpha | 0.945 | U | 1.39 | 1.43 | 3.00 | 1.88 | pCi/L | | 01/12/24 07:29 | 1 |

QC Sample Results

Client: EET South Central Hall Environmental Analysis Laboratory
 Project/Site: 2312898

Job ID: 160-52632-1
 SDG: 2312898

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 160-641644/1-A
 Matrix: Water
 Analysis Batch: 641944

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 641644

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|-----|------|------|---|----------------|----------------|---------|
| Uranium | ND | | 1.0 | 0.15 | ug/L | | 12/20/23 13:07 | 12/21/23 18:01 | 2 |

Lab Sample ID: LCS 160-641644/2-A
 Matrix: Water
 Analysis Batch: 641944

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 641644

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Uranium | 1000 | 1080 | | ug/L | | 108 | 85 - 115 |

Lab Sample ID: 160-52632-1 MS
 Matrix: Water
 Analysis Batch: 641944

Client Sample ID: 2312898-001M/ R6 North-20231213
 Prep Type: Total/NA
 Prep Batch: 641644

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Uranium | 2.0 | | 1000 | 1070 | | ug/L | | 107 | 70 - 130 |

Lab Sample ID: 160-52632-1 MSD
 Matrix: Water
 Analysis Batch: 641944

Client Sample ID: 2312898-001M/ R6 North-20231213
 Prep Type: Total/NA
 Prep Batch: 641644

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|---------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-------|
| Uranium | 2.0 | | 1000 | 1070 | | ug/L | | 107 | 70 - 130 | 0 | 20 |

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-641799/1-A
 Matrix: Water
 Analysis Batch: 643779

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 641799

| Analyte | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|-------------|-----------|--------------|-----------------------|-----------------------|------|------|-------|----------------|----------------|---------|
| Gross Alpha | -0.09837 | U | 0.637 | 0.637 | 3.00 | 1.24 | pCi/L | 12/21/23 09:43 | 01/10/24 07:42 | 1 |

Lab Sample ID: LCS 160-641799/2-A
 Matrix: Water
 Analysis Batch: 643779

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 641799

| Analyte | Spike Added | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL | MDC | Unit | %Rec | %Rec Limits |
|-------------|-------------|------------|----------|-----------------------|------|------|-------|------|-------------|
| Gross Alpha | 49.3 | 53.21 | | 7.79 | 3.00 | 2.08 | pCi/L | 108 | 75 - 125 |

QC Association Summary

Client: EET South Central Hall Environmental Analysis Laboratory
Project/Site: 2312898

Job ID: 160-52632-1
SDG: 2312898

Metals

Prep Batch: 641644

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|---------------------------------|-----------|--------|-------------|------------|
| 160-52632-1 | 2312898-001M/ R6 North-20231213 | Total/NA | Water | 200.7/200.8 | |
| 160-52632-2 | 2312898-002M/ R6 South-20231214 | Total/NA | Water | 200.7/200.8 | |
| MB 160-641644/1-A | Method Blank | Total/NA | Water | 200.7/200.8 | |
| LCS 160-641644/2-A | Lab Control Sample | Total/NA | Water | 200.7/200.8 | |
| 160-52632-1 MS | 2312898-001M/ R6 North-20231213 | Total/NA | Water | 200.7/200.8 | |
| 160-52632-1 MSD | 2312898-001M/ R6 North-20231213 | Total/NA | Water | 200.7/200.8 | |

Analysis Batch: 641944

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|---------------------------------|-----------|--------|--------|------------|
| 160-52632-1 | 2312898-001M/ R6 North-20231213 | Total/NA | Water | 200.8 | 641644 |
| 160-52632-2 | 2312898-002M/ R6 South-20231214 | Total/NA | Water | 200.8 | 641644 |
| MB 160-641644/1-A | Method Blank | Total/NA | Water | 200.8 | 641644 |
| LCS 160-641644/2-A | Lab Control Sample | Total/NA | Water | 200.8 | 641644 |
| 160-52632-1 MS | 2312898-001M/ R6 North-20231213 | Total/NA | Water | 200.8 | 641644 |
| 160-52632-1 MSD | 2312898-001M/ R6 North-20231213 | Total/NA | Water | 200.8 | 641644 |

Rad

Prep Batch: 641799

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|---------------------------------|-----------|--------|-------------|------------|
| 160-52632-1 | 2312898-001M/ R6 North-20231213 | Total/NA | Water | Evaporation | |
| 160-52632-2 | 2312898-002M/ R6 South-20231214 | Total/NA | Water | Evaporation | |
| MB 160-641799/1-A | Method Blank | Total/NA | Water | Evaporation | |
| LCS 160-641799/2-A | Lab Control Sample | Total/NA | Water | Evaporation | |

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Reporting Albuquerque
Eurofins Environment Testing South Central LLC
4901 Hawkins NE
Albuquerque, New Mexico 87109

Generated 1/25/2024 10:58:43 AM

JOB DESCRIPTION

2312898

JOB NUMBER

320-108192-1

Eurofins Sacramento

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northern California, LLC Project Manager.

Authorization



Generated
1/25/2024 10:58:43 AM

Authorized for release by
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Definitions/Glossary

Client: Eurofins Environment Testing South Central LLC
Project/Site: 2312898

Job ID: 320-108192-1

Qualifiers

Dioxin

| Qualifier | Qualifier Description |
|-----------|---|
| *5- | Isotope dilution analyte is outside acceptance limits, low biased. |
| G | The reported quantitation limit has been raised due to an exhibited elevated noise or matrix interference |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| q | The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| ▫ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Eurofins Environment Testing South Central LLC
Project: 2312898

Job ID: 320-108192-1

Job ID: 320-108192-1

Eurofins Sacramento

Job Narrative 320-108192-1

Receipt

The samples were received on 12/19/2023 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.8° C.

Dioxin

Methods 1668A: Ion abundance ratios are outside criteria for the Isotope Dilution Analyte (IDA) associated with the following samples: 2312898-001 - R6 North-20231213 (320-108192-1) and 2312898-002 - R6South-20231214 (320-108192-2). The theoretical area for the IDA was used to quantitate recovery and target concentration.

Methods 1668A: The ion abundance ratio is outside criteria for the Internal Standard PCB-9L associated with the following sample: 2312898-002 - R6South-20231214 (320-108192-2). The theoretical area for the Internal Standard was used to quantitate the related Isotope Dilution Analytes (IDA) recoveries.

Method 1668A: The Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit: 2312898-001 - R6 North-20231213 (320-108192-1) and 2312898-002 - R6South-20231214 (320-108192-2). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples.

Method 1668A: Ion abundance ratios are outside criteria for the surrogate (SU) associated with the following samples: 2312898-002 - R6South-20231214 (320-108192-2). The theoretical area for the SU was used to quantitate recovery.

Method 1668A: The following sample exhibited elevated noise or matrix interferences for one or more analytes causing elevation of the detection limit (EDL): 2312898-002 - R6South-20231214 (320-108192-2). The reporting limit (RL) for the affected analytes has been raised to be equal to the EDL, and a "G" qualifier applied.

Method 1668A: The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit: 2312898-001 - R6 North-20231213 (320-108192-1). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample.

Method 1668A: Ion abundance ratios are outside criteria for the Isotope Dilution Analyte (IDA) associated with the following sample: 2312898-002 - R6South-20231214 (320-108192-2). The theoretical area for the IDA was used to quantitate recovery and target concentration.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Dioxin Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Eurofins Environment Testing South Central LLC
Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-001 - R6 North-20231213

Lab Sample ID: 320-108192-1

No Detections.

Client Sample ID: 2312898-002 - R6South-20231214

Lab Sample ID: 320-108192-2

| Analyte | Result | Qualifier | RL | EDL | Unit | Dil | Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|------|------|-----|-----|---|--------|-----------|
| PCB-44 | 17 | J | 120 | 2.2 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-47 | 17 | J | 120 | 2.2 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-49 | 3.8 | J q | 42 | 2.0 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-52 | 14 | J | 100 | 2.3 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-65 | 17 | J | 120 | 2.2 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-69 | 3.8 | J q | 42 | 2.0 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-85 | 12 | J q | 62 | 1.2 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-90 | 11 | J q | 120 | 1.5 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-95 | 12 | J | 100 | 1.7 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-101 | 11 | J q | 120 | 1.5 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-113 | 11 | J q | 120 | 1.5 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-116 | 12 | J q | 62 | 1.2 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-117 | 12 | J q | 62 | 1.2 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-118 | 9.2 | J q | 42 | 1.2 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-129 | 14 | J q | 62 | 0.99 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-138 | 14 | J q | 62 | 0.99 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-147 | 14 | J q | 42 | 1.0 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-149 | 14 | J q | 42 | 1.0 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-153 | 11 | J | 42 | 0.80 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-160 | 14 | J q | 21 | 0.99 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-163 | 14 | J q | 62 | 0.99 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-168 | 11 | J | 42 | 0.80 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-180 | 11 | J q | 42 | 1.7 | pg/L | 1 | | | 1668A | Total/NA |
| PCB-193 | 11 | J q | 42 | 1.7 | pg/L | 1 | | | 1668A | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Client Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-001 - R6 North-20231213

Lab Sample ID: 320-108192-1

Date Collected: 12/13/23 12:00

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| PCB-1 | ND | | 98 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-2 | ND | | 98 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-3 | ND | | 150 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-4 | ND | | 98 | 13 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-5 | ND | | 20 | 15 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-6 | ND | | 20 | 14 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-7 | ND | | 39 | 15 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-8 | ND | | 39 | 14 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-9 | ND | | 39 | 15 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-10 | ND | | 39 | 8.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-11 | ND | | 150 | 16 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-12 | ND | | 200 | 16 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-13 | ND | | 200 | 16 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-14 | ND | | 39 | 16 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-15 | ND | | 98 | 12 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-16 | ND | | 39 | 6.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-17 | ND | | 39 | 6.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-18 | ND | | 39 | 4.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-19 | ND | | 39 | 6.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-20 | ND | | 79 | 4.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-21 | ND | | 39 | 4.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-22 | ND | | 20 | 4.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-23 | ND | | 39 | 4.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-24 | ND | | 20 | 4.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-25 | ND | | 20 | 3.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-26 | ND | | 79 | 4.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-27 | ND | | 20 | 4.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-28 | ND | | 79 | 4.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-29 | ND | | 79 | 4.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-30 | ND | | 39 | 4.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-31 | ND | | 98 | 4.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-32 | ND | | 20 | 4.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-33 | ND | | 39 | 4.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-34 | ND | | 20 | 4.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-35 | ND | | 39 | 4.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-36 | ND | | 20 | 4.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-37 | ND | | 20 | 4.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-38 | ND | | 20 | 4.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-39 | ND | | 39 | 4.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-40 | ND | | 39 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-41 | ND | | 39 | 2.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-42 | ND | | 39 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-43 | ND | | 20 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-44 | ND | | 120 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-45 | ND | | 39 | 2.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-46 | ND | | 20 | 2.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-47 | ND | | 120 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-48 | ND | | 20 | 2.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-49 | ND | | 39 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |

Client Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-001 - R6 North-20231213

Lab Sample ID: 320-108192-1

Date Collected: 12/13/23 12:00

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| PCB-50 | ND | | 39 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-51 | ND | | 39 | 2.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-52 | ND | | 98 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-53 | ND | | 39 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-54 | ND | | 39 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-55 | ND | | 39 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-56 | ND | | 20 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-57 | ND | | 20 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-58 | ND | | 20 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-59 | ND | | 59 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-60 | ND | | 39 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-61 | ND | | 160 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-62 | ND | | 59 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-63 | ND | | 39 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-64 | ND | | 39 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-65 | ND | | 120 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-66 | ND | | 39 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-67 | ND | | 20 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-68 | ND | | 39 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-69 | ND | | 39 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-70 | ND | | 160 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-71 | ND | | 39 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-72 | ND | | 20 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-73 | ND | | 20 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-74 | ND | | 160 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-75 | ND | | 59 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-76 | ND | | 160 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-77 | ND | | 20 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-78 | ND | | 20 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-79 | ND | | 39 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-80 | ND | | 39 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-81 | ND | | 20 | 2.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-82 | ND | | 20 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-83 | ND | | 20 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-84 | ND | | 39 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-85 | ND | | 59 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-86 | ND | | 120 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-87 | ND | | 120 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-88 | ND | | 39 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-89 | ND | | 39 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-90 | ND | | 120 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-91 | ND | | 39 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-92 | ND | | 39 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-93 | ND | | 79 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-94 | ND | | 39 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-95 | ND | | 98 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-96 | ND | | 20 | 0.71 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-97 | ND | | 120 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-98 | ND | | 39 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |

Client Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-001 - R6 North-20231213

Lab Sample ID: 320-108192-1

Date Collected: 12/13/23 12:00

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| PCB-99 | ND | | 39 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-100 | ND | | 79 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-101 | ND | | 120 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-102 | ND | | 39 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-103 | ND | | 39 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-104 | ND | | 39 | 0.79 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-105 | ND | | 39 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-106 | ND | | 39 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-107 | ND | | 39 | 0.92 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-108 | ND | | 120 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-109 | ND | | 20 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-110 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-111 | ND | | 39 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-112 | ND | | 20 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-113 | ND | | 120 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-114 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-115 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-116 | ND | | 59 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-117 | ND | | 59 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-118 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-119 | ND | | 120 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-120 | ND | | 20 | 0.94 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-121 | ND | | 20 | 0.99 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-122 | ND | | 39 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-123 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-124 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-125 | ND | | 120 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-126 | ND | | 20 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-127 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-128 | ND | | 79 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-129 | ND | | 59 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-130 | ND | | 20 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-131 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-132 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-133 | ND | | 20 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-134 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-135 | ND | | 39 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-136 | ND | | 20 | 0.86 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-137 | ND | | 20 | 0.86 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-138 | ND | | 59 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-139 | ND | | 39 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-140 | ND | | 39 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-141 | ND | | 20 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-142 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-143 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-144 | ND | | 20 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-145 | ND | | 20 | 0.91 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-146 | ND | | 20 | 0.83 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-147 | ND | | 39 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |

Client Sample Results

Client: Eurofins Environment Testing South Central LLC
Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-001 - R6 North-20231213

Lab Sample ID: 320-108192-1

Date Collected: 12/13/23 12:00

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|----|------|------|---|----------------|----------------|---------|
| PCB-148 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-149 | ND | | 39 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-150 | ND | | 20 | 0.86 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-151 | ND | | 39 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-152 | ND | | 20 | 0.89 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-153 | ND | | 39 | 0.83 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-154 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-155 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-156 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-157 | ND | | 39 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-158 | ND | | 20 | 0.85 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-159 | ND | | 20 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-160 | ND | | 20 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-161 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-162 | ND | | 39 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-163 | ND | | 59 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-164 | ND | | 20 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-165 | ND | | 20 | 0.94 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-166 | ND | | 79 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-167 | ND | | 39 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-168 | ND | | 39 | 0.83 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-169 | ND | | 20 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-170 | ND | | 39 | 3.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-171 | ND | | 39 | 2.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-172 | ND | | 20 | 3.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-173 | ND | | 39 | 2.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-174 | ND | | 20 | 3.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-175 | ND | | 20 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-176 | ND | | 20 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-177 | ND | | 20 | 2.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-178 | ND | | 20 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-179 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-180 | ND | | 39 | 2.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-181 | ND | | 20 | 2.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-182 | ND | | 20 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-183 | ND | | 20 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-184 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-185 | ND | | 39 | 3.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-186 | ND | | 20 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-187 | ND | | 20 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-188 | ND | | 20 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-189 | ND | | 20 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-190 | ND | | 20 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-191 | ND | | 39 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-192 | ND | | 20 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-193 | ND | | 39 | 2.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-194 | ND | | 39 | 2.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-195 | ND | | 20 | 2.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-196 | ND | | 20 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |

Eurofins Sacramento

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Client Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-001 - R6 North-20231213

Lab Sample ID: 320-108192-1

Date Collected: 12/13/23 12:00

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|----|-----|------|---|----------------|----------------|---------|
| PCB-197 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-198 | ND | | 39 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-199 | ND | | 39 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-200 | ND | | 20 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-201 | ND | | 20 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-202 | ND | | 20 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-203 | ND | | 20 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-204 | ND | | 20 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-205 | ND | | 20 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-206 | ND | | 39 | 4.2 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-207 | ND | | 20 | 3.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-208 | ND | | 20 | 3.5 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-209 | ND | | 39 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 18:05 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| PCB-1L | 51 | | 15 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-3L | 51 | | 15 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-4L | 42 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-15L | 48 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-19L | 45 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-37L | 55 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-54L | 29 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-77L | 55 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-81L | 53 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-104L | 31 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-105L | 55 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-114L | 56 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-118L | 55 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-123L | 57 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-126L | 56 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-155L | 50 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-156L | 99 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-156L/157L | 99 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-157L | 99 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-167L | 98 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-169L | 103 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-188L | 24 | *5- | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-189L | 54 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-202L | 43 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-205L | 66 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-206L | 60 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-208L | 54 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-209L | 46 | | 25 - 150 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------|-----------|-----------|----------|----------------|----------------|---------|
| PCB-28L | 79 | | 30 - 135 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-111L | 86 | | 30 - 135 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |
| PCB-178L | 67 | | 30 - 135 | 01/10/24 07:52 | 01/19/24 18:05 | 1 |

Client Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-002 - R6South-20231214

Lab Sample ID: 320-108192-2

Date Collected: 12/14/23 14:45

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------|------------|------------|-----|-----|------|---|----------------|----------------|---------|
| PCB-1 | ND | | 100 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-2 | ND | | 100 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-3 | ND | | 160 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-4 | ND | | 100 | 9.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-5 | ND | G | 22 | 22 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-6 | ND | | 21 | 20 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-7 | ND | | 42 | 22 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-8 | ND | | 42 | 20 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-9 | ND | | 42 | 22 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-10 | ND | | 42 | 6.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-11 | ND | | 160 | 23 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-12 | ND | | 210 | 23 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-13 | ND | | 210 | 23 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-14 | ND | | 42 | 23 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-15 | ND | | 100 | 18 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-16 | ND | | 42 | 6.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-17 | ND | | 42 | 6.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-18 | ND | | 42 | 4.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-19 | ND | | 42 | 6.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-20 | ND | | 83 | 4.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-21 | ND | | 42 | 5.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-22 | ND | | 21 | 4.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-23 | ND | | 42 | 5.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-24 | ND | | 21 | 4.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-25 | ND | | 21 | 4.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-26 | ND | | 83 | 5.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-27 | ND | | 21 | 4.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-28 | ND | | 83 | 4.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-29 | ND | | 83 | 5.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-30 | ND | | 42 | 4.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-31 | ND | | 100 | 5.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-32 | ND | | 21 | 4.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-33 | ND | | 42 | 5.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-34 | ND | | 21 | 5.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-35 | ND | | 42 | 4.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-36 | ND | | 21 | 5.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-37 | ND | | 21 | 5.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-38 | ND | | 21 | 5.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-39 | ND | | 42 | 5.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-40 | ND | | 42 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-41 | ND | | 42 | 3.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-42 | ND | | 42 | 2.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-43 | ND | | 21 | 2.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-44 | 17 | J | 120 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-45 | ND | | 42 | 2.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-46 | ND | | 21 | 3.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-47 | 17 | J | 120 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-48 | ND | | 21 | 2.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-49 | 3.8 | J q | 42 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |

Client Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-002 - R6South-20231214

Lab Sample ID: 320-108192-2

Date Collected: 12/14/23 14:45

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------|------------|------------|-----|------|------|---|----------------|----------------|---------|
| PCB-50 | ND | | 42 | 2.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-51 | ND | | 42 | 2.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-52 | 14 | J | 100 | 2.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-53 | ND | | 42 | 2.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-54 | ND | | 42 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-55 | ND | | 42 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-56 | ND | | 21 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-57 | ND | | 21 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-58 | ND | | 21 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-59 | ND | | 62 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-60 | ND | | 42 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-61 | ND | | 170 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-62 | ND | | 62 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-63 | ND | | 42 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-64 | ND | | 42 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-65 | 17 | J | 120 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-66 | ND | | 42 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-67 | ND | | 21 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-68 | ND | | 42 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-69 | 3.8 | J q | 42 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-70 | ND | | 170 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-71 | ND | | 42 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-72 | ND | | 21 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-73 | ND | | 21 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-74 | ND | | 170 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-75 | ND | | 62 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-76 | ND | | 170 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-77 | ND | | 21 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-78 | ND | | 21 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-79 | ND | | 42 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-80 | ND | | 42 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-81 | ND | | 21 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-82 | ND | | 21 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-83 | ND | | 21 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-84 | ND | | 42 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-85 | 12 | J q | 62 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-86 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-87 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-88 | ND | | 42 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-89 | ND | | 42 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-90 | 11 | J q | 120 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-91 | ND | | 42 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-92 | ND | | 42 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-93 | ND | | 83 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-94 | ND | | 42 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-95 | 12 | J | 100 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-96 | ND | | 21 | 0.72 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-97 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-98 | ND | | 42 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |

Client Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-002 - R6South-20231214

Lab Sample ID: 320-108192-2

Date Collected: 12/14/23 14:45

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|------------|------------|-----|------|------|---|----------------|----------------|---------|
| PCB-99 | ND | | 42 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-100 | ND | | 83 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-101 | 11 | J q | 120 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-102 | ND | | 42 | 1.8 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-103 | ND | | 42 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-104 | ND | | 42 | 0.96 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-105 | ND | | 42 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-106 | ND | | 42 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-107 | ND | | 42 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-108 | ND | | 120 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-109 | ND | | 21 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-110 | ND | | 42 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-111 | ND | | 42 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-112 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-113 | 11 | J q | 120 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-114 | ND | | 42 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-115 | ND | | 42 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-116 | 12 | J q | 62 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-117 | 12 | J q | 62 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-118 | 9.2 | J q | 42 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-119 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-120 | ND | | 21 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-121 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-122 | ND | | 42 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-123 | ND | | 42 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-124 | ND | | 42 | | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-125 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-126 | ND | | 21 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-127 | ND | | 21 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-128 | ND | | 83 | 0.98 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-129 | 14 | J q | 62 | 0.99 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-130 | ND | | 21 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-131 | ND | | 21 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-132 | ND | | 21 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-133 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-134 | ND | | 42 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-135 | ND | | 42 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-136 | ND | | 21 | 0.84 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-137 | ND | | 21 | 0.84 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-138 | 14 | J q | 62 | 0.99 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-139 | ND | | 42 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-140 | ND | | 42 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-141 | ND | | 21 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-142 | ND | | 21 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-143 | ND | | 42 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-144 | ND | | 21 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-145 | ND | | 21 | 0.88 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-146 | ND | | 21 | 0.80 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-147 | 14 | J q | 42 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |

Client Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-002 - R6South-20231214

Lab Sample ID: 320-108192-2

Date Collected: 12/14/23 14:45

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|-----------|------------|----|------|------|---|----------------|----------------|---------|
| PCB-148 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-149 | 14 | J q | 42 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-150 | ND | | 21 | 0.83 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-151 | ND | | 42 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-152 | ND | | 21 | 0.87 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-153 | 11 | J | 42 | 0.80 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-154 | ND | | 21 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-155 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-156 | ND | | 42 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-157 | ND | | 42 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-158 | ND | | 21 | 0.83 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-159 | ND | | 21 | 0.93 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-160 | 14 | J q | 21 | 0.99 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-161 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-162 | ND | | 42 | 1.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-163 | 14 | J q | 62 | 0.99 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-164 | ND | | 21 | 1.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-165 | ND | | 21 | 0.92 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-166 | ND | | 83 | 0.98 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-167 | ND | | 42 | 0.91 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-168 | 11 | J | 42 | 0.80 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-169 | ND | | 21 | 0.99 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-170 | ND | | 42 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-171 | ND | | 42 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-172 | ND | | 21 | 2.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-173 | ND | | 42 | 2.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-174 | ND | | 21 | 2.3 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-175 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-176 | ND | | 21 | 0.88 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-177 | ND | | 21 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-178 | ND | | 21 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-179 | ND | | 21 | 0.75 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-180 | 11 | J q | 42 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-181 | ND | | 21 | 1.9 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-182 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-183 | ND | | 21 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-184 | ND | | 21 | 0.79 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-185 | ND | | 42 | 2.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-186 | ND | | 21 | 0.71 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-187 | ND | | 21 | 0.93 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-188 | ND | | 21 | 0.93 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-189 | ND | | 21 | 1.4 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-190 | ND | | 21 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-191 | ND | | 42 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-192 | ND | | 21 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-193 | 11 | J q | 42 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-194 | ND | | 42 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-195 | ND | | 21 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-196 | ND | | 21 | 1.6 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |

Client Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-002 - R6South-20231214

Lab Sample ID: 320-108192-2

Date Collected: 12/14/23 14:45

Matrix: Water

Date Received: 12/19/23 09:30

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| PCB-197 | ND | | 21 | 0.97 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-198 | ND | | 42 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-199 | ND | | 42 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-200 | ND | | 21 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-201 | ND | | 21 | 1.2 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-202 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-203 | ND | | 21 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-204 | ND | | 21 | 1.1 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-205 | ND | | 21 | 1.5 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-206 | ND | | 42 | 2.0 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-207 | ND | | 21 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-208 | ND | | 21 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-209 | ND | | 42 | 1.7 | pg/L | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| Isotope Dilution | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| PCB-1L | 62 | | 15 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-3L | 60 | | 15 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-4L | 50 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-15L | 55 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-19L | 55 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-37L | 59 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-54L | 32 | q | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-77L | 58 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-81L | 59 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-104L | 33 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-105L | 63 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-114L | 62 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-118L | 61 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-123L | 63 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-126L | 65 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-155L | 54 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-156L | 94 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-156L/157L | 94 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-157L | 94 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-167L | 93 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-169L | 94 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-188L | 27 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-189L | 56 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-202L | 49 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-205L | 69 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-206L | 64 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-208L | 58 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-209L | 53 | | 25 - 150 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| PCB-28L | 88 | | 30 - 135 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-111L | 96 | | 30 - 135 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |
| PCB-178L | 70 | | 30 - 135 | | | | 01/10/24 07:52 | 01/19/24 19:07 | 1 |

Surrogate Summary

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | |
|-------------------------|--------------------------------|--|---------------------|---------------------|
| | | PCB28L (30-135) | PCB111L (30-135) | PCB178L (30-135) |
| 320-108192-1 | 2312898-001 - R6 North-202312 | 79 | 86 | 67 |
| 320-108192-2 | 2312898-002 - R6South-20231214 | 88 | 96 | 70 |
| MB 320-732336/1-A | Method Blank | 83 | 105 | 95 |
| Surrogate Legend | | | | |
| PCB28L = PCB-28L | | | | |
| PCB111L = PCB-111L | | | | |
| PCB178L = PCB-178L | | | | |

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | |
|-------------------------|------------------------|--|---------------------|---------------------|
| | | PCB28L (40-125) | PCB111L (40-125) | PCB178L (40-125) |
| LCS 320-732336/2-A | Lab Control Sample | 75 | 94 | 83 |
| LCSD 320-732336/3-A | Lab Control Sample Dup | 87 | 104 | 90 |
| Surrogate Legend | | | | |
| PCB28L = PCB-28L | | | | |
| PCB111L = PCB-111L | | | | |
| PCB178L = PCB-178L | | | | |



Isotope Dilution Summary

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB1L (15-150) | PCB3L (15-150) | PCB4L (25-150) | PCB15L (25-150) | PCB19L (25-150) | PCB37L (25-150) | PCB54L (25-150) | PCB77L (25-150) |
|-------------------|-----------------------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 320-108192-1 | 2312898-001 - R6 North-202312 | 51 | 51 | 42 | 48 | 45 | 55 | 29 | 55 |
| 320-108192-2 | 2312898-002 - R6South-20231214 | 62 | 60 | 50 | 55 | 55 | 59 | 32 q | 58 |
| MB 320-732336/1-A | Method Blank | 76 | 77 | 78 | 76 | 73 | 68 | 54 | 81 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB81L (25-150) | PCB104L (25-150) | PCB105L (25-150) | PCB114L (25-150) | PCB118L (25-150) | PCB123L (25-150) | PCB126L (25-150) | PCB155L (25-150) |
|-------------------|-----------------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 320-108192-1 | 2312898-001 - R6 North-202312 | 53 | 31 | 55 | 56 | 55 | 57 | 56 | 50 |
| 320-108192-2 | 2312898-002 - R6South-20231214 | 59 | 33 | 63 | 62 | 61 | 63 | 65 | 54 |
| MB 320-732336/1-A | Method Blank | 79 | 52 | 89 | 84 | 85 | 85 | 95 | 54 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB156L (25-150) | 156157L (25-150) | PCB157L (25-150) | PCB167L (25-150) | PCB169L (25-150) | PCB188L (25-150) | PCB189L (25-150) | PCB202L (25-150) |
|-------------------|-----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 320-108192-1 | 2312898-001 - R6 North-202312 | 99 | 99 | 99 | 98 | 103 | 24 *5- | 54 | 43 |
| 320-108192-2 | 2312898-002 - R6South-20231214 | 94 | 94 | 94 | 93 | 94 | 27 | 56 | 49 |
| MB 320-732336/1-A | Method Blank | 91 | 91 | 91 | 83 | 98 | 41 | 65 | 52 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB205L (25-150) | PCB206L (25-150) | PCB208L (25-150) | PCB209L (25-150) |
|-------------------|-----------------------------------|---------------------|---------------------|---------------------|---------------------|
| 320-108192-1 | 2312898-001 - R6 North-202312 | 66 | 60 | 54 | 46 |
| 320-108192-2 | 2312898-002 - R6South-20231214 | 69 | 64 | 58 | 53 |
| MB 320-732336/1-A | Method Blank | 85 | 92 | 71 | 98 |

Surrogate Legend

- PCB1L = PCB-1L
- PCB3L = PCB-3L
- PCB4L = PCB-4L
- PCB15L = PCB-15L
- PCB19L = PCB-19L
- PCB37L = PCB-37L
- PCB54L = PCB-54L
- PCB77L = PCB-77L
- PCB81L = PCB-81L
- PCB104L = PCB-104L
- PCB105L = PCB-105L
- PCB114L = PCB-114L
- PCB118L = PCB-118L
- PCB123L = PCB-123L
- PCB126L = PCB-126L
- PCB155L = PCB-155L
- PCB156L = PCB-156L
- 156157L = PCB-156L/157L
- PCB157L = PCB-157L
- PCB167L = PCB-167L
- PCB169L = PCB-169L
- PCB188L = PCB-188L
- PCB189L = PCB-189L

Isotope Dilution Summary

Client: Eurofins Environment Testing South Central LLC

Job ID: 320-108192-1

Project/Site: 2312898

PCB202L = PCB-202L

PCB205L = PCB-205L

PCB206L = PCB-206L

PCB208L = PCB-208L

PCB209L = PCB-209L

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB1L (15-140) | PCB3L (15-140) | PCB4L (30-140) | PCB15L (30-140) | PCB19L (30-140) | PCB37L (30-140) | PCB54L (30-140) | PCB77L (30-140) |
|---------------------|------------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| LCS 320-732336/2-A | Lab Control Sample | 66 | 67 | 69 | 66 | 66 | 65 | 52 | 77 |
| LCSD 320-732336/3-A | Lab Control Sample Dup | 76 | 78 | 79 | 77 | 75 | 70 | 59 | 83 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB81L (30-140) | PCB104L (30-140) | PCB105L (30-140) | PCB114L (30-140) | PCB118L (30-140) | PCB123L (30-140) | PCB126L (30-140) | PCB155L (30-140) |
|---------------------|------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| LCS 320-732336/2-A | Lab Control Sample | 75 | 51 | 84 | 81 | 77 | 79 | 91 | 51 |
| LCSD 320-732336/3-A | Lab Control Sample Dup | 82 | 56 | 92 | 88 | 86 | 86 | 96 | 52 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB156L (30-140) | 156157L (30-140) | PCB157L (30-140) | PCB167L (30-140) | PCB169L (30-140) | PCB188L (30-140) | PCB189L (30-140) | PCB202L (30-140) |
|---------------------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| LCS 320-732336/2-A | Lab Control Sample | 81 | 81 | 81 | 74 | 91 | 41 | 66 | 51 |
| LCSD 320-732336/3-A | Lab Control Sample Dup | 85 | 85 | 85 | 76 | 93 | 44 | 66 | 53 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB205L (30-140) | PCB206L (30-140) | PCB208L (30-140) | PCB209L (30-140) |
|---------------------|------------------------|---------------------|---------------------|---------------------|---------------------|
| LCS 320-732336/2-A | Lab Control Sample | 85 | 94 | 72 | 103 |
| LCSD 320-732336/3-A | Lab Control Sample Dup | 85 | 96 | 72 | 104 |

Surrogate Legend

- PCB1L = PCB-1L
- PCB3L = PCB-3L
- PCB4L = PCB-4L
- PCB15L = PCB-15L
- PCB19L = PCB-19L
- PCB37L = PCB-37L
- PCB54L = PCB-54L
- PCB77L = PCB-77L
- PCB81L = PCB-81L
- PCB104L = PCB-104L
- PCB105L = PCB-105L
- PCB114L = PCB-114L
- PCB118L = PCB-118L
- PCB123L = PCB-123L
- PCB126L = PCB-126L
- PCB155L = PCB-155L
- PCB156L = PCB-156L
- 156157L = PCB-156L/157L
- PCB157L = PCB-157L
- PCB167L = PCB-167L
- PCB169L = PCB-169L
- PCB188L = PCB-188L
- PCB189L = PCB-189L
- PCB202L = PCB-202L
- PCB205L = PCB-205L

Isotope Dilution Summary

Client: Eurofins Environment Testing South Central LLC

Job ID: 320-108192-1

Project/Site: 2312898

PCB206L = PCB-206L

PCB208L = PCB-208L

PCB209L = PCB-209L

1

2

3

4

5

6

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11

12

13

14

15

16

QC Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Lab Sample ID: MB 320-732336/1-A
Matrix: Water
Analysis Batch: 733676

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732336

| Analyte | MB Result | MB Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|-----|------|------|---|----------------|----------------|---------|
| PCB-1 | ND | | 100 | 0.79 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-2 | ND | | 100 | 0.84 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-3 | ND | | 150 | 0.79 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-4 | ND | | 100 | 12 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-5 | ND | | 20 | 6.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-6 | ND | | 20 | 5.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-7 | ND | | 40 | 5.8 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-8 | ND | | 40 | 4.9 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-9 | ND | | 40 | 6.0 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-10 | ND | | 40 | 7.8 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-11 | ND | | 150 | 6.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-12 | ND | | 200 | 6.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-13 | ND | | 200 | 6.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-14 | ND | | 40 | 6.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-15 | ND | | 100 | 4.8 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-16 | ND | | 40 | 1.9 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-17 | ND | | 40 | 1.9 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-18 | ND | | 40 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-19 | ND | | 40 | 2.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-20 | ND | | 80 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-21 | ND | | 40 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-22 | ND | | 20 | 1.0 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-23 | ND | | 40 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-24 | ND | | 20 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-25 | ND | | 20 | 0.89 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-26 | ND | | 80 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-27 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-28 | ND | | 80 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-29 | ND | | 80 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-30 | ND | | 40 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-31 | ND | | 100 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-32 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-33 | ND | | 40 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-34 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-35 | ND | | 40 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-36 | ND | | 20 | 1.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-37 | ND | | 20 | 1.0 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-38 | ND | | 20 | 1.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-39 | ND | | 40 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-40 | ND | | 40 | 0.80 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-41 | ND | | 40 | 1.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-42 | ND | | 40 | 0.88 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-43 | ND | | 20 | 0.91 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-44 | ND | | 120 | 0.81 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-45 | ND | | 40 | 0.94 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-46 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-47 | ND | | 120 | 0.81 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-48 | ND | | 20 | 0.91 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |

QC Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-732336/1-A
Matrix: Water
Analysis Batch: 733676

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732336

| Analyte | MB Result | MB Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|-----|------|------|---|----------------|----------------|---------|
| PCB-49 | ND | | 40 | 0.74 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-50 | ND | | 40 | 0.91 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-51 | ND | | 40 | 0.94 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-52 | ND | | 100 | 0.84 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-53 | ND | | 40 | 0.91 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-54 | ND | | 40 | 0.72 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-55 | ND | | 40 | 0.95 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-56 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-57 | ND | | 20 | 1.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-58 | ND | | 20 | 0.99 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-59 | ND | | 60 | 0.69 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-60 | ND | | 40 | 1.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-61 | ND | | 160 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-62 | ND | | 60 | 0.69 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-63 | ND | | 40 | 1.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-64 | ND | | 40 | 0.66 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-65 | ND | | 120 | 0.81 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-66 | ND | | 40 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-67 | ND | | 20 | 0.95 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-68 | ND | | 40 | 1.0 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-69 | ND | | 40 | 0.74 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-70 | ND | | 160 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-71 | ND | | 40 | 0.80 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-72 | ND | | 20 | 1.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-73 | ND | | 20 | 0.63 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-74 | ND | | 160 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-75 | ND | | 60 | 0.69 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-76 | ND | | 160 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-77 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-78 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-79 | ND | | 40 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-80 | ND | | 40 | 0.96 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-81 | ND | | 20 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-82 | ND | | 20 | 1.8 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-83 | ND | | 20 | 1.7 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-84 | ND | | 40 | 2.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-85 | ND | | 60 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-86 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-87 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-88 | ND | | 40 | 1.8 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-89 | ND | | 40 | 2.0 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-90 | ND | | 120 | 1.5 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-91 | ND | | 40 | 1.8 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-92 | ND | | 40 | 1.7 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-93 | ND | | 80 | 1.7 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-94 | ND | | 40 | 2.0 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-95 | ND | | 100 | 1.8 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-96 | ND | | 20 | 0.81 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-97 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |

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QC Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-732336/1-A
 Matrix: Water
 Analysis Batch: 733676

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 732336

| Analyte | MB Result | MB Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|-----|------|------|---|----------------|----------------|---------|
| PCB-98 | ND | | 40 | 1.8 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-99 | ND | | 40 | 1.7 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-100 | ND | | 80 | 1.7 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-101 | ND | | 120 | 1.5 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-102 | ND | | 40 | 1.8 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-103 | ND | | 40 | 1.6 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-104 | ND | | 40 | 0.97 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-105 | ND | | 40 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-106 | ND | | 40 | 1.5 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-107 | ND | | 40 | 1.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-108 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-109 | ND | | 20 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-110 | ND | | 40 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-111 | ND | | 40 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-112 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-113 | ND | | 120 | 1.5 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-114 | ND | | 40 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-115 | ND | | 40 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-116 | ND | | 60 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-117 | ND | | 60 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-118 | ND | | 40 | 1.2 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-119 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-120 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-121 | ND | | 20 | 1.1 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-122 | ND | | 40 | 1.6 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-123 | ND | | 40 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-124 | ND | | 40 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-125 | ND | | 120 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-126 | ND | | 20 | 1.3 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-127 | ND | | 20 | 1.4 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-128 | ND | | 80 | 0.51 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-129 | ND | | 60 | 0.52 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-130 | ND | | 20 | 0.69 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-131 | ND | | 20 | 0.64 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-132 | ND | | 20 | 0.66 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-133 | ND | | 20 | 0.62 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-134 | ND | | 40 | 0.62 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-135 | ND | | 40 | 0.57 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-136 | ND | | 20 | 0.42 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-137 | ND | | 20 | 0.50 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-138 | ND | | 60 | 0.52 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-139 | ND | | 40 | 0.56 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-140 | ND | | 40 | 0.56 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-141 | ND | | 20 | 0.66 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-142 | ND | | 20 | 0.67 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-143 | ND | | 40 | 0.62 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-144 | ND | | 20 | 0.53 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-145 | ND | | 20 | 0.43 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-146 | ND | | 20 | 0.48 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |

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QC Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-732336/1-A
 Matrix: Water
 Analysis Batch: 733676

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 732336

| Analyte | MB Result | MB Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|----|------|------|---|----------------|----------------|---------|
| PCB-147 | ND | | 40 | 0.54 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-148 | ND | | 20 | 0.55 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-149 | ND | | 40 | 0.54 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-150 | ND | | 20 | 0.41 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-151 | ND | | 40 | 0.57 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-152 | ND | | 20 | 0.43 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-153 | ND | | 40 | 0.44 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-154 | ND | | 20 | 0.51 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-155 | ND | | 20 | 0.55 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-156 | ND | | 40 | 0.37 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-157 | ND | | 40 | 0.37 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-158 | ND | | 20 | 0.39 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-159 | ND | | 20 | 0.30 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-160 | ND | | 20 | 0.52 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-161 | ND | | 20 | 0.49 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-162 | ND | | 40 | 0.33 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-163 | ND | | 60 | 0.52 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-164 | ND | | 20 | 0.57 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-165 | ND | | 20 | 0.47 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-166 | ND | | 80 | 0.51 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-167 | ND | | 40 | 0.32 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-168 | ND | | 40 | 0.44 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-169 | ND | | 20 | 0.34 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-170 | ND | | 40 | 0.84 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-171 | ND | | 40 | 0.78 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-172 | ND | | 20 | 0.84 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-173 | ND | | 40 | 0.78 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-174 | ND | | 20 | 0.85 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-175 | ND | | 20 | 0.58 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-176 | ND | | 20 | 0.45 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-177 | ND | | 20 | 0.74 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-178 | ND | | 20 | 0.62 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-179 | ND | | 20 | 0.40 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-180 | ND | | 40 | 0.63 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-181 | ND | | 20 | 0.74 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-182 | ND | | 20 | 0.59 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-183 | ND | | 20 | 0.57 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-184 | ND | | 20 | 0.41 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-185 | ND | | 40 | 0.83 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-186 | ND | | 20 | 0.37 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-187 | ND | | 20 | 0.49 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-188 | ND | | 20 | 0.45 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-189 | ND | | 20 | 0.50 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-190 | ND | | 20 | 0.57 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-191 | ND | | 40 | 0.57 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-192 | ND | | 20 | 0.54 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-193 | ND | | 40 | 0.63 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-194 | ND | | 40 | 0.49 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-195 | ND | | 20 | 0.49 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |

QC Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-732336/1-A
 Matrix: Water
 Analysis Batch: 733676

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 732336

| Analyte | MB Result | MB Qualifier | RL | EDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------|--------------|--------------|----------|------|------|---|----------------|----------------|---------|
| PCB-196 | ND | | 20 | 0.52 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-197 | ND | | 20 | 0.31 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-198 | ND | | 40 | 0.47 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-199 | ND | | 40 | 0.47 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-200 | ND | | 20 | 0.50 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-201 | ND | | 20 | 0.40 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-202 | ND | | 20 | 0.38 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-203 | ND | | 20 | 0.46 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-204 | ND | | 20 | 0.38 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-205 | ND | | 20 | 0.44 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-206 | ND | | 40 | 0.83 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-207 | ND | | 20 | 0.66 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-208 | ND | | 20 | 0.72 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-209 | ND | | 40 | 0.16 | pg/L | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| Isotope Dilution | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| PCB-1L | 76 | | 15 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-3L | 77 | | 15 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-4L | 78 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-15L | 76 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-19L | 73 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-37L | 68 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-54L | 54 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-77L | 81 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-81L | 79 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-104L | 52 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-105L | 89 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-114L | 84 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-118L | 85 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-123L | 85 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-126L | 95 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-155L | 54 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-156L | 91 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-156L/157L | 91 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-157L | 91 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-167L | 83 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-169L | 98 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-188L | 41 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-189L | 65 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-202L | 52 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-205L | 85 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-206L | 92 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-208L | 71 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-209L | 98 | | 25 - 150 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| PCB-28L | 83 | | 30 - 135 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |
| PCB-111L | 105 | | 30 - 135 | | | | 01/10/24 07:52 | 01/14/24 23:52 | 1 |

QC Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-732336/1-A
Matrix: Water
Analysis Batch: 733676

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732336

| <i>Surrogate</i> | <i>MB MB</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------|--------------|------------------|---------------|-----------------|-----------------|----------------|
| PCB-178L | 95 | | 30 - 135 | 01/10/24 07:52 | 01/14/24 23:52 | 1 |

Lab Sample ID: LCS 320-732336/2-A
Matrix: Water
Analysis Batch: 733676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732336

| <i>Analyte</i> | <i>Spike Added</i> | <i>LCS Result</i> | <i>LCS Qualifier</i> | <i>Unit</i> | <i>D</i> | <i>%Rec</i> | <i>Limits</i> |
|----------------|--------------------|-------------------|----------------------|-------------|----------|-------------|---------------|
| PCB-1 | 2000 | 2030 | | pg/L | | 102 | 50 - 150 |
| PCB-3 | 2000 | 2000 | | pg/L | | 100 | 50 - 150 |
| PCB-4 | 2000 | 2190 | | pg/L | | 110 | 50 - 150 |
| PCB-15 | 2000 | 1960 | | pg/L | | 98 | 50 - 150 |
| PCB-19 | 2000 | 2230 | | pg/L | | 112 | 50 - 150 |
| PCB-37 | 2000 | 2090 | | pg/L | | 105 | 50 - 150 |
| PCB-54 | 2000 | 2190 | q | pg/L | | 109 | 50 - 150 |
| PCB-77 | 2000 | 2340 | | pg/L | | 117 | 50 - 150 |
| PCB-81 | 2000 | 2600 | | pg/L | | 130 | 50 - 150 |
| PCB-104 | 2000 | 2920 | | pg/L | | 146 | 50 - 150 |
| PCB-105 | 2000 | 2360 | | pg/L | | 118 | 50 - 150 |
| PCB-114 | 2000 | 2520 | | pg/L | | 126 | 50 - 150 |
| PCB-118 | 2000 | 2390 | | pg/L | | 119 | 50 - 150 |
| PCB-123 | 2000 | 2460 | | pg/L | | 123 | 50 - 150 |
| PCB-126 | 2000 | 2540 | | pg/L | | 127 | 50 - 150 |
| PCB-155 | 2000 | 2840 | | pg/L | | 142 | 50 - 150 |
| PCB-156 | 4000 | 4670 | | pg/L | | 117 | 50 - 150 |
| PCB-157 | 4000 | 4670 | | pg/L | | 117 | 50 - 150 |
| PCB-167 | 2000 | 2400 | | pg/L | | 120 | 50 - 150 |
| PCB-169 | 2000 | 2290 | | pg/L | | 114 | 50 - 150 |
| PCB-188 | 2000 | 2380 | | pg/L | | 119 | 50 - 150 |
| PCB-189 | 2000 | 2120 | | pg/L | | 106 | 50 - 150 |
| PCB-202 | 2000 | 2440 | | pg/L | | 122 | 50 - 150 |
| PCB-205 | 2000 | 2180 | | pg/L | | 109 | 50 - 150 |
| PCB-206 | 2000 | 1990 | | pg/L | | 100 | 50 - 150 |
| PCB-208 | 2000 | 2220 | | pg/L | | 111 | 50 - 150 |
| PCB-209 | 2000 | 2180 | | pg/L | | 109 | 50 - 150 |

| <i>Isotope Dilution</i> | <i>LCS LCS</i> | <i>Qualifier</i> | <i>Limits</i> |
|-------------------------|----------------|------------------|---------------|
| PCB-1L | 66 | | 15 - 140 |
| PCB-3L | 67 | | 15 - 140 |
| PCB-4L | 69 | | 30 - 140 |
| PCB-15L | 66 | | 30 - 140 |
| PCB-19L | 66 | | 30 - 140 |
| PCB-37L | 65 | | 30 - 140 |
| PCB-54L | 52 | | 30 - 140 |
| PCB-77L | 77 | | 30 - 140 |
| PCB-81L | 75 | | 30 - 140 |
| PCB-104L | 51 | | 30 - 140 |
| PCB-105L | 84 | | 30 - 140 |
| PCB-114L | 81 | | 30 - 140 |

QC Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 320-732336/2-A
Matrix: Water
Analysis Batch: 733676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732336

| Isotope Dilution | LCS LCS | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| PCB-118L | 77 | | 30 - 140 |
| PCB-123L | 79 | | 30 - 140 |
| PCB-126L | 91 | | 30 - 140 |
| PCB-155L | 51 | | 30 - 140 |
| PCB-156L | 81 | | 30 - 140 |
| PCB-156L/157L | 81 | | 30 - 140 |
| PCB-157L | 81 | | 30 - 140 |
| PCB-167L | 74 | | 30 - 140 |
| PCB-169L | 91 | | 30 - 140 |
| PCB-188L | 41 | | 30 - 140 |
| PCB-189L | 66 | | 30 - 140 |
| PCB-202L | 51 | | 30 - 140 |
| PCB-205L | 85 | | 30 - 140 |
| PCB-206L | 94 | | 30 - 140 |
| PCB-208L | 72 | | 30 - 140 |
| PCB-209L | 103 | | 30 - 140 |

| Surrogate | LCS LCS | | Limits |
|-----------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| PCB-28L | 75 | | 40 - 125 |
| PCB-111L | 94 | | 40 - 125 |
| PCB-178L | 83 | | 40 - 125 |

Lab Sample ID: LCSD 320-732336/3-A
Matrix: Water
Analysis Batch: 733676

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732336

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|---------|-------------|-------------|----------------|------|---|------|----------|-----|-----|-------|
| | | | | | | | Limits | RPD | | |
| PCB-1 | 2000 | 1970 | | pg/L | | 99 | 50 - 150 | 3 | 50 | |
| PCB-3 | 2000 | 1920 | | pg/L | | 96 | 50 - 150 | 4 | 50 | |
| PCB-4 | 2000 | 2190 | | pg/L | | 110 | 50 - 150 | 0 | 50 | |
| PCB-15 | 2000 | 1940 | | pg/L | | 97 | 50 - 150 | 1 | 50 | |
| PCB-19 | 2000 | 2230 | | pg/L | | 112 | 50 - 150 | 0 | 50 | |
| PCB-37 | 2000 | 2100 | | pg/L | | 105 | 50 - 150 | 0 | 50 | |
| PCB-54 | 2000 | 2300 | | pg/L | | 115 | 50 - 150 | 5 | 50 | |
| PCB-77 | 2000 | 2290 | | pg/L | | 114 | 50 - 150 | 2 | 50 | |
| PCB-81 | 2000 | 2540 | | pg/L | | 127 | 50 - 150 | 2 | 50 | |
| PCB-104 | 2000 | 2900 | | pg/L | | 145 | 50 - 150 | 1 | 50 | |
| PCB-105 | 2000 | 2340 | | pg/L | | 117 | 50 - 150 | 1 | 50 | |
| PCB-114 | 2000 | 2540 | | pg/L | | 127 | 50 - 150 | 1 | 50 | |
| PCB-118 | 2000 | 2310 | | pg/L | | 115 | 50 - 150 | 3 | 50 | |
| PCB-123 | 2000 | 2420 | | pg/L | | 121 | 50 - 150 | 2 | 50 | |
| PCB-126 | 2000 | 2540 | | pg/L | | 127 | 50 - 150 | 0 | 50 | |
| PCB-155 | 2000 | 2830 | | pg/L | | 141 | 50 - 150 | 0 | 50 | |
| PCB-156 | 4000 | 4550 | | pg/L | | 114 | 50 - 150 | 3 | 50 | |
| PCB-157 | 4000 | 4550 | | pg/L | | 114 | 50 - 150 | 3 | 50 | |
| PCB-167 | 2000 | 2400 | | pg/L | | 120 | 50 - 150 | 0 | 50 | |
| PCB-169 | 2000 | 2250 | | pg/L | | 112 | 50 - 150 | 2 | 50 | |
| PCB-188 | 2000 | 2340 | | pg/L | | 117 | 50 - 150 | 1 | 50 | |

QC Sample Results

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: LCSD 320-732336/3-A
Matrix: Water
Analysis Batch: 733676

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732336

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|----------------|----------------|-------------------|------|---|------|----------------|-----|--------------|
| PCB-189 | 2000 | 2100 | | pg/L | | 105 | 50 - 150 | 1 | 50 |
| PCB-202 | 2000 | 2450 | | pg/L | | 123 | 50 - 150 | 0 | 50 |
| PCB-205 | 2000 | 2150 | | pg/L | | 108 | 50 - 150 | 1 | 50 |
| PCB-206 | 2000 | 1930 | | pg/L | | 96 | 50 - 150 | 3 | 50 |
| PCB-208 | 2000 | 2210 | | pg/L | | 110 | 50 - 150 | 0 | 50 |
| PCB-209 | 2000 | 2140 | | pg/L | | 107 | 50 - 150 | 2 | 50 |

| Isotope Dilution | LCSD %Recovery | LCSD Qualifier | Limits |
|------------------|-------------------|-------------------|----------|
| PCB-1L | 76 | | 15 - 140 |
| PCB-3L | 78 | | 15 - 140 |
| PCB-4L | 79 | | 30 - 140 |
| PCB-15L | 77 | | 30 - 140 |
| PCB-19L | 75 | | 30 - 140 |
| PCB-37L | 70 | | 30 - 140 |
| PCB-54L | 59 | | 30 - 140 |
| PCB-77L | 83 | | 30 - 140 |
| PCB-81L | 82 | | 30 - 140 |
| PCB-104L | 56 | | 30 - 140 |
| PCB-105L | 92 | | 30 - 140 |
| PCB-114L | 88 | | 30 - 140 |
| PCB-118L | 86 | | 30 - 140 |
| PCB-123L | 86 | | 30 - 140 |
| PCB-126L | 96 | | 30 - 140 |
| PCB-155L | 52 | | 30 - 140 |
| PCB-156L | 85 | | 30 - 140 |
| PCB-156L/157L | 85 | | 30 - 140 |
| PCB-157L | 85 | | 30 - 140 |
| PCB-167L | 76 | | 30 - 140 |
| PCB-169L | 93 | | 30 - 140 |
| PCB-188L | 44 | | 30 - 140 |
| PCB-189L | 66 | | 30 - 140 |
| PCB-202L | 53 | | 30 - 140 |
| PCB-205L | 85 | | 30 - 140 |
| PCB-206L | 96 | | 30 - 140 |
| PCB-208L | 72 | | 30 - 140 |
| PCB-209L | 104 | | 30 - 140 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------|-------------------|-------------------|----------|
| PCB-28L | 87 | | 40 - 125 |
| PCB-111L | 104 | | 40 - 125 |
| PCB-178L | 90 | | 40 - 125 |

QC Association Summary

Client: Eurofins Environment Testing South Central LLC
Project/Site: 2312898

Job ID: 320-108192-1

Specialty Organics

Prep Batch: 732336

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|---------------------------------|-----------|--------|----------|------------|
| 320-108192-1 | 2312898-001 - R6 North-20231213 | Total/NA | Water | HRMS-Sep | |
| 320-108192-2 | 2312898-002 - R6South-20231214 | Total/NA | Water | HRMS-Sep | |
| MB 320-732336/1-A | Method Blank | Total/NA | Water | HRMS-Sep | |
| LCS 320-732336/2-A | Lab Control Sample | Total/NA | Water | HRMS-Sep | |
| LCSD 320-732336/3-A | Lab Control Sample Dup | Total/NA | Water | HRMS-Sep | |

Analysis Batch: 733676

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 320-732336/1-A | Method Blank | Total/NA | Water | 1668A | 732336 |
| LCS 320-732336/2-A | Lab Control Sample | Total/NA | Water | 1668A | 732336 |
| LCSD 320-732336/3-A | Lab Control Sample Dup | Total/NA | Water | 1668A | 732336 |

Analysis Batch: 734754

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|---------------------------------|-----------|--------|--------|------------|
| 320-108192-1 | 2312898-001 - R6 North-20231213 | Total/NA | Water | 1668A | 732336 |
| 320-108192-2 | 2312898-002 - R6South-20231214 | Total/NA | Water | 1668A | 732336 |

Lab Chronicle

Client: Eurofins Environment Testing South Central LLC
Project/Site: 2312898

Job ID: 320-108192-1

Client Sample ID: 2312898-001 - R6 North-20231213

Lab Sample ID: 320-108192-1

Date Collected: 12/13/23 12:00

Matrix: Water

Date Received: 12/19/23 09:30

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | HRMS-Sep | | | 1017.7 mL | 20.0 uL | 732336 | 01/10/24 07:52 | GSH | EET SAC |
| Total/NA | Analysis | 1668A | | 1 | 1 mL | 1 mL | 734754 | 01/19/24 18:05 | JBC | EET SAC |

Client Sample ID: 2312898-002 - R6South-20231214

Lab Sample ID: 320-108192-2

Date Collected: 12/14/23 14:45

Matrix: Water

Date Received: 12/19/23 09:30

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | HRMS-Sep | | | 961.3 mL | 20.0 uL | 732336 | 01/10/24 07:52 | GSH | EET SAC |
| Total/NA | Analysis | 1668A | | 1 | 1 mL | 1 mL | 734754 | 01/19/24 19:07 | JBC | EET SAC |

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Eurofins Environment Testing South Central LLC
 Project/Site: 2312898

Job ID: 320-108192-1

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|--------------------|-----------------------|-----------------------|-----------------|
| Alaska (UST) | State | 17-020 | 02-20-24 |
| ANAB | Dept. of Defense ELAP | L2468 | 01-20-27 |
| ANAB | Dept. of Energy | L2468.01 | 01-20-27 |
| ANAB | ISO/IEC 17025 | L2468 | 01-20-24 |
| Arizona | State | AZ0708 | 08-11-24 |
| Arkansas DEQ | State | 88-0691 | 05-18-24 |
| California | State | 2897 | 01-22-24 |
| Colorado | State | CA00044 | 08-31-24 |
| Florida | NELAP | E87570 | 06-30-24 |
| Georgia | State | 4040 | 01-29-24 |
| Hawaii | State | <cert No.> | 01-29-24 |
| Illinois | NELAP | 200060 | 03-17-24 |
| Kansas | NELAP | E-10375 | 10-31-24 |
| Louisiana (All) | NELAP | 01944 | 06-30-24 |
| Maine | State | CA00004 | 04-14-24 |
| Michigan | State | 9947 | 01-31-24 |
| Nevada | State | CA00044 | 07-31-24 |
| New Hampshire | NELAP | 2997 | 04-18-24 |
| New Jersey | NELAP | CA005 | 06-30-24 |
| New York | NELAP | 11666 | 04-01-24 |
| Ohio | State | 41252 | 01-29-24 |
| Oregon | NELAP | 4040 | 01-29-24 |
| Texas | NELAP | T104704399-23-17 | 05-31-24 |
| US Fish & Wildlife | US Federal Programs | 58448 | 04-30-24 |
| USDA | US Federal Programs | P330-18-00239 | 02-28-26 |
| Utah | NELAP | CA000442023-16 | 02-29-24 |
| Virginia | NELAP | 460278 | 03-14-24 |
| Washington | State | C581 | 05-05-24 |
| West Virginia (DW) | State | 9930C | 01-31-25 |
| Wisconsin | State | 998204680 | 08-31-24 |
| Wyoming | State Program | 8TMS-L | 01-28-19 * |

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Method Summary

Client: Eurofins Environment Testing South Central LLC
Project/Site: 2312898

Job ID: 320-108192-1

| Method | Method Description | Protocol | Laboratory |
|----------|--|----------|------------|
| 1668A | Chlorinated Biphenyl Congeners (HRGC/HRMS) | EPA | EET SAC |
| HRMS-Sep | Separatory Funnel (Liquid-Liquid) Extraction | EPA | EET SAC |

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

- 1
- 2
- 3
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Sample Summary

Client: Eurofins Environment Testing South Central LLC
Project/Site: 2312898

Job ID: 320-108192-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|---------------------------------|--------|----------------|----------------|
| 320-108192-1 | 2312898-001 - R6 North-20231213 | Water | 12/13/23 12:00 | 12/19/23 09:30 |
| 320-108192-2 | 2312898-002 - R6South-20231214 | Water | 12/14/23 14:45 | 12/19/23 09:30 |

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- 7
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- 16

| SUB CONTRACTOR: Eurofins Sacramento COMPANY | | | PHONE: (916) 373-5600 | | | FAX: | | |
|--|--------------|-------------------|------------------------------|---------|------------------------|--------------|------------------------------------|--|
| ADDRESS: 880 Riverside Parkway | | | ACCOUNT #: | | | EMAIL: | | |
| CITY STATE, ZIP: West Sacramento, CA 95605 | | | | | | | | |
| ITEM | SAMPLE | CLIENT SAMPLE ID | BOTTLE TYPE | MATRIX | COLLECTION DATE | # CONTAINERS | ANALYTICAL COMMENTS | |
| 1 | 2312898-001L | R6 North-20231213 | 1LAMGU | Aqueous | 12/13/2023 12 00 00 PM | 1 | PCBS 1668 -Pease Apply ICO Prnang- | |
| 2 | 2312898-002L | R6South-20231214 | 1LAMGU | Aqueous | 12/14/2023 2.45 00 PM | 1 | PCBS 1668 -Pease Apply ICO Prnang- | |



320-108192 Chain of Custody

SPECIAL INSTRUCTIONS / COMMENTS:

Include the LAB ID and CLIENT SAMPLE ID on final reports. Email results to Hall.Lab@et.eurofinsus.com. For Questions email Hall.samplecontrol@et.eurofinsus.com. Please return all coolers and blue ice. Thank you.

0.8°C

| | | | | | | | |
|---|------------------|---------------|-------------------------------------|----------------|------------|---|--|
| Relinquished By: <i>CM</i> | Date: 12/15/2023 | Time: 8:48 AM | Received By: <i>Alexis Hemphill</i> | Date: 12/19/23 | Time: 9:30 | REPORT TRANSMITTAL DESIRED: | |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: | <input type="checkbox"/> HARD COPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE | |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: | FOR LAB USE ONLY | |
| TAT: Standard <input checked="" type="checkbox"/> RUSH Next BD <input type="checkbox"/> 2nd BD <input type="checkbox"/> 3rd BD <input type="checkbox"/> | | | | | | Temp of samples _____ °C Attempt to Cool? _____ | |
| | | | | | | Comments: _____ | |



Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Loc: 320
108192

Tracking # 7745 2906 7909

Job _____

SO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier
GSL / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations
File in the job folder with the COC.

| | |
|---|--|
| Therm. ID: <u>L-09</u> Corr. Factor (+/-) <u>NA</u> °C | Notes: _____ |
| Ice _____ Wet _____ Gel <input checked="" type="checkbox"/> Other _____ | _____ |
| Cooler Custody Seal <u>NA</u> | _____ |
| Cooler ID. <u>NA</u> | _____ |
| Temp Observed: <u>0.8</u> °C Corrected: <u>0.8</u> °C | _____ |
| From Temp Blank <input type="checkbox"/> Sample <input checked="" type="checkbox"/> | _____ |
| Opening/Processing The Shipment | |
| Cooler compromised/tampered with? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Cooler Temperature is acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Frozen samples show signs of thaw? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Initials: <u>DWH</u> Date: <u>12/19/23</u> | _____ |
| Unpacking/Labeling The Samples | |
| Containers are not broken or leaking? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Samples compromised/tampered with? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| COC is complete w/o discrepancies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Sample custody seal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Sample containers have legible labels? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Sample date/times are provided? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Appropriate containers are used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Sample bottles are completely filled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Sample preservatives verified? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Is the Field Sampler's name on COC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Samples w/o discrepancies? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Zero headspace?* <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Alkalinity has no headspace? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Perchlorate has headspace? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/> | _____ |
| (Methods 314, 331, 6850) | |
| Multiphasic samples are not present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | _____ |
| Trizma Lot #(s): _____ | |
| Ammonium Acetate Lot #(s): _____ | |
| Login Completion | |
| Receipt Temperature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | |
| NCM Filed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/> | |
| Samples received within hold time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | |
| Log Release checked in TALS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> | |
| Initials: <u>SP</u> Date: <u>12-19-23</u> | Initials: <u>W4C</u> Date: <u>12-19-23</u> |

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")



Login Sample Receipt Checklist

Client: Eurofins Environment Testing South Central LLC

Job Number: 320-108192-1

Login Number: 108192

List Source: Eurofins Sacramento

List Number: 1

Creator: Oropeza, Salvador

| Question | Answer | Comment |
|---|--------|---------------|
| Radioactivity wasn't checked or is \leq background as measured by a survey meter. | True | REFER TO SSRN |
| The cooler's custody seal, if present, is intact. | N/A | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | N/A | |
| Samples were received on ice. | N/A | |
| Cooler Temperature is acceptable. | N/A | |
| Cooler Temperature is recorded. | N/A | |
| COC is present. | N/A | |
| COC is filled out in ink and legible. | N/A | |
| COC is filled out with all pertinent information. | N/A | |
| Is the Field Sampler's name present on COC? | N/A | |
| There are no discrepancies between the containers received and the COC. | N/A | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | N/A | |
| Sample containers have legible labels. | N/A | |
| Containers are not broken or leaking. | N/A | |
| Sample collection date/times are provided. | N/A | |
| Appropriate sample containers are used. | N/A | |
| Sample bottles are completely filled. | N/A | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | N/A | |
| Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4"). | N/A | |
| Multiphasic samples are not present. | N/A | |
| Samples do not require splitting or compositing. | N/A | |
| Residual Chlorine Checked. | N/A | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB-79435 | SampType: MBLK | TestCode: EPA Method 1664B | | | | | | | | |
|-------------------------------|----------------------------------|-----------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79435 | RunNo: 101935 | | | | | | | | |
| Prep Date: 12/18/2023 | Analysis Date: 12/19/2023 | SeqNo: 3760234 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| N-Hexane Extractable Material | ND | 10.0 | | | | | | | | |

| Sample ID: LCS-79435 | SampType: LCS | TestCode: EPA Method 1664B | | | | | | | | |
|-------------------------------|----------------------------------|-----------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: 79435 | RunNo: 101935 | | | | | | | | |
| Prep Date: 12/18/2023 | Analysis Date: 12/19/2023 | SeqNo: 3760235 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| N-Hexane Extractable Material | 37.6 | 10.0 | 40.00 | 0 | 94.0 | 78 | 114 | | | |

| Sample ID: LCSD-79435 | SampType: LCSD | TestCode: EPA Method 1664B | | | | | | | | |
|-------------------------------|----------------------------------|-----------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS02 | Batch ID: 79435 | RunNo: 101935 | | | | | | | | |
| Prep Date: 12/18/2023 | Analysis Date: 12/19/2023 | SeqNo: 3760236 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| N-Hexane Extractable Material | 36.2 | 10.0 | 40.00 | 0 | 90.5 | 78 | 114 | 3.79 | 20 | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB-79508 | SampType: MBLK | TestCode: EPA Method 200.7: Metals | | | | | | | | |
|------------------------------|--------------------------------|---|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79508 | RunNo: 102210 | | | | | | | | |
| Prep Date: 12/19/2023 | Analysis Date: 1/2/2024 | SeqNo: 3773160 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Calcium | ND | 1.0 | | | | | | | | |
| Magnesium | ND | 1.0 | | | | | | | | |

| Sample ID: LCSLL-79508 | SampType: LCSLL | TestCode: EPA Method 200.7: Metals | | | | | | | | |
|-------------------------------|--------------------------------|---|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BatchQC | Batch ID: 79508 | RunNo: 102210 | | | | | | | | |
| Prep Date: 12/19/2023 | Analysis Date: 1/2/2024 | SeqNo: 3773161 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Calcium | 0.55 | 1.0 | 0.5000 | 0 | 110 | 50 | 150 | | | J |
| Magnesium | 0.53 | 1.0 | 0.5000 | 0 | 107 | 50 | 150 | | | J |

| Sample ID: LCS-79508 | SampType: LCS | TestCode: EPA Method 200.7: Metals | | | | | | | | |
|------------------------------|--------------------------------|---|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: 79508 | RunNo: 102210 | | | | | | | | |
| Prep Date: 12/19/2023 | Analysis Date: 1/2/2024 | SeqNo: 3773162 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Calcium | 54 | 1.0 | 50.00 | 0 | 109 | 85 | 115 | | | |
| Magnesium | 52 | 1.0 | 50.00 | 0 | 104 | 85 | 115 | | | |

Qualifiers:

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- PQL Practical Quantitative Limit
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- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB | SampType: MBLK | TestCode: EPA 200.8: Dissolved Metals | | | | | | | | |
|-----------------------|----------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: B101952 | RunNo: 101952 | | | | | | | | |
| Prep Date: | Analysis Date: 12/19/2023 | SeqNo: 3760683 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Copper | ND | 0.00050 | | | | | | | | |
| Lead | ND | 0.00050 | | | | | | | | |

| Sample ID: LCSLL | SampType: LCSLL | TestCode: EPA 200.8: Dissolved Metals | | | | | | | | |
|---------------------------|----------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: BatchQC | Batch ID: B101952 | RunNo: 101952 | | | | | | | | |
| Prep Date: | Analysis Date: 12/19/2023 | SeqNo: 3760684 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Lead | 0.00051 | 0.00050 | 0.0005000 | 0 | 103 | 50 | 150 | | | |

| Sample ID: LCS | SampType: LCS | TestCode: EPA 200.8: Dissolved Metals | | | | | | | | |
|------------------------|----------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: B101952 | RunNo: 101952 | | | | | | | | |
| Prep Date: | Analysis Date: 12/19/2023 | SeqNo: 3760686 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Copper | 0.024 | 0.00050 | 0.02500 | 0 | 94.4 | 85 | 115 | | | |
| Lead | 0.012 | 0.00050 | 0.01250 | 0 | 97.8 | 85 | 115 | | | |

| Sample ID: LCSLLB | SampType: LCSLL | TestCode: EPA 200.8: Dissolved Metals | | | | | | | | |
|---------------------------|----------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: BatchQC | Batch ID: B101952 | RunNo: 101952 | | | | | | | | |
| Prep Date: | Analysis Date: 12/19/2023 | SeqNo: 3760688 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Copper | 0.00052 | 0.00050 | 0.0005000 | 0 | 104 | 50 | 150 | | | |

Qualifiers:

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- D Sample Diluted Due to Matrix
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- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------|----------------------------------|---|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: R101967 | RunNo: 101967 | | | | | | | | |
| Prep Date: | Analysis Date: 12/19/2023 | SeqNo: 3762466 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrate+Nitrite as N | ND | 0.20 | | | | | | | | |

| Sample ID: LCS | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|------------------------|----------------------------------|---|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: R101967 | RunNo: 101967 | | | | | | | | |
| Prep Date: | Analysis Date: 12/19/2023 | SeqNo: 3762467 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrate+Nitrite as N | 3.5 | 0.20 | 3.500 | 0 | 100 | 90 | 110 | | | |

| Sample ID: MB | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------|----------------------------------|---|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: R101967 | RunNo: 101967 | | | | | | | | |
| Prep Date: | Analysis Date: 12/19/2023 | SeqNo: 3762506 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrate+Nitrite as N | ND | 0.20 | | | | | | | | |

| Sample ID: LCS | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|------------------------|----------------------------------|---|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: R101967 | RunNo: 101967 | | | | | | | | |
| Prep Date: | Analysis Date: 12/19/2023 | SeqNo: 3762508 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrate+Nitrite as N | 3.4 | 0.20 | 3.500 | 0 | 97.8 | 90 | 110 | | | |

Qualifiers:

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- PQL Practical Quantitative Limit
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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB-79411 | SampType: MBLK | TestCode: SM5210B: BOD | | | | | | | | |
|------------------------------|----------------------------------|-------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79411 | RunNo: 101973 | | | | | | | | |
| Prep Date: 12/15/2023 | Analysis Date: 12/20/2023 | SeqNo: 3762618 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Biochemical Oxygen Demand | ND | 2.00 | | | | | | | | |

| Sample ID: LCS-79411 | SampType: LCS | TestCode: SM5210B: BOD | | | | | | | | |
|------------------------------|----------------------------------|-------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: 79411 | RunNo: 101973 | | | | | | | | |
| Prep Date: 12/15/2023 | Analysis Date: 12/20/2023 | SeqNo: 3762619 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Biochemical Oxygen Demand | 141 | 2.00 | 198.0 | 0 | 71.2 | 84.6 | 115.4 | | | S |

| Sample ID: 2312898-002BDUP | SampType: DUP | TestCode: SM5210B: BOD | | | | | | | | |
|------------------------------------|----------------------------------|-------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: R6South-20231214 | Batch ID: 79411 | RunNo: 101973 | | | | | | | | |
| Prep Date: 12/15/2023 | Analysis Date: 12/20/2023 | SeqNo: 3762622 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Biochemical Oxygen Demand | etection <2.0 | 2.00 | | | | | | 0 | 20 | |

Qualifiers:

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- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB-79689 | SampType: MBLK | TestCode: SM5220D: COD | | | | | | | | |
|----------------------------|--------------------------------|-------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79689 | RunNo: 102200 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/3/2024 | SeqNo: 3773398 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chemical Oxygen Demand | ND | 50.0 | | | | | | | | |

| Sample ID: LCS-79689 | SampType: LCS | TestCode: SM5220D: COD | | | | | | | | |
|-----------------------------|--------------------------------|-------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: 79689 | RunNo: 102200 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/3/2024 | SeqNo: 3773399 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chemical Oxygen Demand | 487 | 50.0 | 500.0 | 0 | 97.4 | 90 | 110 | | | |

| Sample ID: LCSLL-79689 | SampType: LCSLL | TestCode: SM5220D: COD | | | | | | | | |
|-------------------------------|--------------------------------|-------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BatchQC | Batch ID: 79689 | RunNo: 102200 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/3/2024 | SeqNo: 3773400 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chemical Oxygen Demand | 49.8 | 50.0 | 50.00 | 0 | 99.5 | 50 | 150 | | | J |

| Sample ID: 2312898-001HMS | SampType: MS | TestCode: SM5220D: COD | | | | | | | | |
|-------------------------------------|--------------------------------|-------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: R6 North-20231213 | Batch ID: 79689 | RunNo: 102200 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/3/2024 | SeqNo: 3773411 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chemical Oxygen Demand | 495 | 50.0 | 500.0 | 110.3 | 77.0 | 90 | 110 | | | S |

| Sample ID: 2312898-001HMSD | SampType: MSD | TestCode: SM5220D: COD | | | | | | | | |
|-------------------------------------|--------------------------------|-------------------------------|--------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: R6 North-20231213 | Batch ID: 79689 | RunNo: 102200 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/3/2024 | SeqNo: 3773412 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chemical Oxygen Demand | 491 | 50.0 | 500.0 | 110.3 | 76.2 | 90 | 110 | 0.877 | 20 | S |

Qualifiers:

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- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB-79402 | SampType: MBLK | TestCode: SM 9223B Fecal Indicator: E. coli MPN | | | | | | | | |
|------------------------------|----------------------------------|--|-----------|-------------|-------------------------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79402 | RunNo: 101861 | | | | | | | | |
| Prep Date: 12/14/2023 | Analysis Date: 12/15/2023 | SeqNo: 3755840 | | | Units: MPN/100mL | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| E. Coli | <1 | 1.000 | | | | | | | | |

Qualifiers:

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- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB | SampType: MBLK | TestCode: SM 4500 NH3: Ammonia | | | | | | | | |
|-----------------------|----------------------------------|---------------------------------------|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: R102011 | RunNo: 102011 | | | | | | | | |
| Prep Date: | Analysis Date: 12/21/2023 | SeqNo: 3764147 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrogen, Ammonia | ND | 1.0 | | | | | | | | |

| Sample ID: LCS | SampType: LCS | TestCode: SM 4500 NH3: Ammonia | | | | | | | | |
|------------------------|----------------------------------|---------------------------------------|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: R102011 | RunNo: 102011 | | | | | | | | |
| Prep Date: | Analysis Date: 12/21/2023 | SeqNo: 3764148 | | | Units: mg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrogen, Ammonia | 10 | 1.0 | 10.00 | 0 | 104 | 80 | 120 | | | |

Qualifiers:

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- ND Not Detected at the Reporting Limit
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- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB-79761 | SampType: mblk | TestCode: EPA Method 365.1: Total Phosphorous | | | | | | | | |
|----------------------------|--------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79761 | RunNo: 102279 | | | | | | | | |
| Prep Date: 1/6/2024 | Analysis Date: 1/6/2024 | SeqNo: 3776277 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Phosphorus, Total (As P) | ND | 0.050 | | | | | | | | |

| Sample ID: LCS-79761 | SampType: LCS | TestCode: EPA Method 365.1: Total Phosphorous | | | | | | | | |
|-----------------------------|--------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: 79761 | RunNo: 102279 | | | | | | | | |
| Prep Date: 1/6/2024 | Analysis Date: 1/6/2024 | SeqNo: 3776278 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Phosphorus, Total (As P) | 0.25 | 0.050 | 0.2500 | 0 | 100 | 90 | 110 | | | |

Qualifiers:

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- D Sample Diluted Due to Matrix
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- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB-79518 | SampType: MBLK | TestCode: SM2540C MOD: Total Dissolved Solids | | | | | | | | |
|------------------------------|----------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79518 | RunNo: 102025 | | | | | | | | |
| Prep Date: 12/20/2023 | Analysis Date: 12/21/2023 | SeqNo: 3764700 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Total Dissolved Solids | ND | 50.0 | | | | | | | | |

| Sample ID: LCS-79518 | SampType: LCS | TestCode: SM2540C MOD: Total Dissolved Solids | | | | | | | | |
|------------------------------|----------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: 79518 | RunNo: 102025 | | | | | | | | |
| Prep Date: 12/20/2023 | Analysis Date: 12/21/2023 | SeqNo: 3764701 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Total Dissolved Solids | 995 | 50.0 | 1000 | 0 | 99.5 | 80 | 120 | | | |

| Sample ID: 2312898-001DDUP | SampType: DUP | TestCode: SM2540C MOD: Total Dissolved Solids | | | | | | | | |
|-------------------------------------|----------------------------------|--|--------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: R6 North-20231213 | Batch ID: 79518 | RunNo: 102025 | | | | | | | | |
| Prep Date: 12/20/2023 | Analysis Date: 12/21/2023 | SeqNo: 3764719 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Total Dissolved Solids | 202 | 50.0 | | | | | | 0.985 | 10 | |

Qualifiers:

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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB-79864 | SampType: MBLK | TestCode: EPA 351.2: TKN | | | | | | | | |
|-----------------------------|---------------------------------|---------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79864 | RunNo: 102531 | | | | | | | | |
| Prep Date: 1/11/2024 | Analysis Date: 1/13/2024 | SeqNo: 3787319 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrogen, Kjeldahl, Total | ND | 0.50 | | | | | | | | |

| Sample ID: LCSLL-79864 | SampType: LCSLL | TestCode: EPA 351.2: TKN | | | | | | | | |
|-------------------------------|---------------------------------|---------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BatchQC | Batch ID: 79864 | RunNo: 102531 | | | | | | | | |
| Prep Date: 1/11/2024 | Analysis Date: 1/13/2024 | SeqNo: 3787320 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrogen, Kjeldahl, Total | 0.28 | 0 | 0.5000 | 0 | 55.1 | 50 | 150 | | | |

| Sample ID: LCS-79864 | SampType: LCS | TestCode: EPA 351.2: TKN | | | | | | | | |
|-----------------------------|---------------------------------|---------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: 79864 | RunNo: 102531 | | | | | | | | |
| Prep Date: 1/11/2024 | Analysis Date: 1/13/2024 | SeqNo: 3787321 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrogen, Kjeldahl, Total | 9.5 | 0.50 | 10.00 | 0 | 95.2 | 90 | 110 | | | |

| Sample ID: 2312898-001DMS | SampType: MS | TestCode: EPA 351.2: TKN | | | | | | | | |
|-------------------------------------|---------------------------------|---------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: R6 North-20231213 | Batch ID: 79864 | RunNo: 102531 | | | | | | | | |
| Prep Date: 1/11/2024 | Analysis Date: 1/13/2024 | SeqNo: 3787323 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrogen, Kjeldahl, Total | 10 | 0.50 | 10.00 | 0 | 102 | 90 | 110 | | | H |

| Sample ID: 2312898-001DMSD | SampType: MSD | TestCode: EPA 351.2: TKN | | | | | | | | |
|-------------------------------------|---------------------------------|---------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: R6 North-20231213 | Batch ID: 79864 | RunNo: 102531 | | | | | | | | |
| Prep Date: 1/11/2024 | Analysis Date: 1/13/2024 | SeqNo: 3787324 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Nitrogen, Kjeldahl, Total | 11 | 0.50 | 10.00 | 0 | 106 | 90 | 110 | 3.87 | 20 | H |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312898

05-Mar-24

Client: AMAFCA
Project: CMC FY24 Dry

| Sample ID: MB-79522 | SampType: MBLK | TestCode: SM 2540D: TSS | | | | | | | | |
|------------------------------|----------------------------------|--------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79522 | RunNo: 102014 | | | | | | | | |
| Prep Date: 12/20/2023 | Analysis Date: 12/21/2023 | SeqNo: 3764409 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Suspended Solids | ND | 4.0 | | | | | | | | |

| Sample ID: LCS-79522 | SampType: LCS | TestCode: SM 2540D: TSS | | | | | | | | |
|------------------------------|----------------------------------|--------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: 79522 | RunNo: 102014 | | | | | | | | |
| Prep Date: 12/20/2023 | Analysis Date: 12/21/2023 | SeqNo: 3764410 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Suspended Solids | 97 | 4.0 | 91.90 | 0 | 106 | 83.89 | 119.7 | | | |

| Sample ID: MB-79546 | SampType: MBLK | TestCode: SM 2540D: TSS | | | | | | | | |
|------------------------------|----------------------------------|--------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: 79546 | RunNo: 102038 | | | | | | | | |
| Prep Date: 12/21/2023 | Analysis Date: 12/22/2023 | SeqNo: 3765815 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Suspended Solids | ND | 4.0 | | | | | | | | |

| Sample ID: LCS-79546 | SampType: LCS | TestCode: SM 2540D: TSS | | | | | | | | |
|------------------------------|----------------------------------|--------------------------------|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: 79546 | RunNo: 102038 | | | | | | | | |
| Prep Date: 12/21/2023 | Analysis Date: 12/22/2023 | SeqNo: 3765816 | Units: mg/L | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Suspended Solids | 87 | 4.0 | 91.90 | 0 | 94.7 | 83.89 | 119.7 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Sample Log-In Check List

Client Name: **AMAFCA** Work Order Number: **2312898** RcptNo: **1**

Received By: **Tracy Casarrubias** 12/14/2023 4:00:00 PM
 Completed By: **Cheyenne Cason** 12/14/2023 4:12:03 PM *Chml*
 Reviewed By: **TMC** 12/14/23 *11:47* *12/15/23*

Chain of Custody

- 1. Is Chain of Custody complete? Yes No Not Present
- 2. How was the sample delivered? Client

Log In

- 3. Was an attempt made to cool the samples? Yes No NA
- 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 5. Sample(s) in proper container(s)? Yes No
- 6. Sufficient sample volume for indicated test(s)? Yes No
- 7. Are samples (except VOA and ONG) properly preserved? Yes No
- 8. Was preservative added to bottles? Yes No NA
- 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
- 10. Were any sample containers received broken? Yes No
- 11. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
- 12. Are matrices correctly identified on Chain of Custody? Yes No *12/19/23*
- 13. Is it clear what analyses were requested? Yes No
- 14. Were all holding times able to be met? Yes No
(If no, notify customer for authorization.)

Samples were collected the same day and chilled.

of preserved bottles checked for pH: 14
 (<2 or >12 unless noted)
 Adjusted? NO
 Checked by: TMC 12/15/23
 BOD/coliform: 12/14/23

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes No NA

| | | | |
|----------------------|----------------------|-------|---|
| Person Notified: | <input type="text"/> | Date: | <input type="text"/> |
| By Whom: | <input type="text"/> | Via: | <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person |
| Regarding: | <input type="text"/> | | |
| Client Instructions: | <input type="text"/> | | |

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 3.8 | Good | Not Present | Morty | | |
| 2 | 7.7 | Good | Not Present | Morty | | |

Samples collected the same day & chilled. 12/19/23

Chain-of-Custody Record

Client: **AMAFCA**

Mailing Address:

Phone #:

email or Fax#: **pchavez@amafca.org**

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name:
CMC FY24 Dry

Project #:

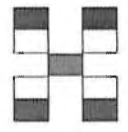
Project Manager:
Patrick Chavez

Sampler: **DBSA-C. Johanneson**
 On Ice: Yes No

of Coolers: **2**

Cooler Temp (including CF): **See Remarks (°C)**

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------------------|-----------------|-----------------|----------------------------------|----------------------|-------------------|----------------|
| 12-13-23 | 1200 | AG | RG North - 2023/12/13 | | | 001 |
| 12-14-23 | 1445 | | RG South - 2023/12/14 | | | 002 |
| | | TRK 12/14/23 | TRP Blank | | | |
| | | | per sample bottle | | | |
| | | | 12/15/23 | | | |



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | e.coli - enumerated | See attached list |
|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|---------------------|-------------------|
| | | | | | | | | | | X | X |

Date: 12/14/23 Time: 16:01 Relinquished by: *[Signature]*
 Received by: *[Signature]* Via: CPO Date: 12/14/23 Time: 16:00

Date: _____ Time: _____ Relinquished by: _____
 Received by: _____ Via: _____ Date: _____ Time: _____

Remarks:
 3.8 ± 0 = 3.8 °C
 7.7 ± 0 = 7.7 °C
 morty

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.

**Collaborative Monitoring Cooperative - Analyses List
Attach to Chain of Custody**

| Analyte (Bold Indicates WQS) | CAS # | Fraction | Method # | MDL (µg/L) |
|----------------------------------|-----------------------|-----------|------------------|------------|
| Hardness (Ca + Mg) | NA | Total | 200.7 | 2.4 |
| Lead | 7439-92-1 | Dissolved | 200.8 | 0.09 |
| Copper | 7440-50-8 | Dissolved | 200.8 | 1.06 |
| Ammonia + organic nitrogen | 7664-41-7 | Total | 350.1 | 31.32 |
| Total Kjehldal Nitrogen | 17778-88-0 | Total | 351.2 | 58.78 |
| Nitrate + Nitrite | 14797-55-8 | Total | 353.2 | 10.17 |
| Polychlorinated biphenyls (PCBs) | 1336-36-3 | Total | 1668 | 0.014 |
| Tetrahydrofuran (THF) | 109-99-9 | Total | 8260C | 7.9 |
| bis(2-Ethylhexyl)phthalate | 117-81-7 | Total | 8270D | 0.2 |
| Dibenzofuran | 132-64-9 | Total | 8270D | 0.2 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | Total | 8270D | 0.2 |
| Benzo(b)fluoranthene | 205-99-2 | Total | 8270D | 0.1 |
| Benzo(k)fluoranthene | 207-08-9 | Total | 8270D | 0.1 |
| Chrysene | 218-01-9 | Total | 8270D | 0.2 |
| Benzo(a)pyrene | 50-32-8 | Total | 8270D | 0.3 |
| Dibenzo(a,h)anthracene | 53-70-3 | Total | 8270D | 0.3 |
| Benzo(a)anthracene | 56-55-3 | Total | 8270D | 0.2 |
| Dieldrin | 60-57-1 | Total | 8270D | 0.1 |
| Pentachlorophenol | 87-86-5 | Total | 8270D | 0.2 |
| Benzidine | 92-87-5 | Total | 8270D | 0.1 |
| Chemical Oxygen Demand | E1641638 ² | Total | HACH | 5100 |
| Gross alpha (adjusted) | NA | Total | Method 900 | 0.1 pCi/L |
| Total Dissolved Solids | E1642222 ² | Total | SM 2540C | 60.4 |
| Total Suspended Solids | NA | Total | SM 2540D | 3450 |
| Biological Oxygen Demand | N/A | Total | Standard Methods | 930 |
| Oil and Grease | | Total | 1664A | 5000 |
| Ecoli | | | SM 9223B | |
| pH | | | SM 4500 | |
| Phosphorus | | Dissolved | 365.1 | 100 |
| Phosphorus | | Total | 365.1 | 100 |
| Chromium IV | | Total | 3500Cr C-2011 | 100 |

Appendix F - Minimum Quantification Levels (MQL's)

The following Minimum Quantification Levels (MQL's) are to be used for reporting pollutant data for NPDES permit applications and/or compliance reporting.

| POLLUTANTS | MQL µg/l | POLLUTANTS | MQL µg/l |
|--|-----------------|--------------------------------|-------------|
| METALS, RADIOACTIVITY, CYANIDE and CHLORINE | | | |
| Aluminum | 2.5 | Molybdenum | 10 |
| Antimony | 60 | Nickel | 0.5 |
| Arsenic | 0.5 | Selenium | 5 |
| Barium | 100 | Silver | 0.5 |
| Beryllium | 0.5 | Thallium | 0.5 |
| Boron | 100 | Uranium | 0.1 |
| Cadmium | 1 | Vanadium | 50 |
| Chromium | 10 | Zinc | 20 |
| Cobalt | 50 | Cyanide | 10 |
| Copper | 0.5 | Cyanide, weak acid dissociable | 10 |
| Lead | 0.5 | Total Residual Chlorine | 33 |
| Mercury (*) | 0.0005 0.005 | | |
| DIOXIN | | | |
| 2,3,7,8-TCDD | 0.00001 | | |
| VOLATILE COMPOUNDS | | | |
| Acrolein | 50 | 1,3-Dichloropropylene | 10 |
| Acrylonitrile | 20 | Ethylbenzene | 10 |
| Benzene | 10 | Methyl Bromide | 50 |
| Bromoform | 10 | Methylene Chloride | 20 |
| Carbon Tetrachloride | 2 | 1,1,2,2-Tetrachloroethane | 10 |
| Chlorobenzene | 10 | Tetrachloroethylene | 10 |
| Chlorodibromomethane | 10 | Toluene | 10 |
| Chloroform | 50 | 1,2-trans-Dichloroethylene | 10 |
| Dichlorobromomethane | 10 | 1,1,2-Trichloroethane | 10 |
| 1,2-Dichloroethane | 10 | Trichloroethylene | 10 |
| 1,1-Dichloroethylene | 10 | Vinyl Chloride | 10 |
| 1,2-Dichloropropane | 10 | | |
| ACID COMPOUNDS | | | |
| 2-Chlorophenol | 10 | 2,4-Dinitrophenol | 50 |
| 2,4-Dichlorophenol | 10 | Pentachlorophenol | 5 |
| 2,4-Dimethylphenol | 10 | Phenol | 10 |
| 4,6-Dinitro-o-Cresol | 50 | 2,4,6-Trichlorophenol | 10 |

ANALYTICAL REPORT

PREPARED FOR

Attn: Patrick Chavez
Albuquerque Metropolitan Arroyo Flood Control Authority
2600 Prospect Ave NE
Albuquerque, New Mexico 87107

Generated 7/1/2024 11:06:42 AM

JOB DESCRIPTION

CMC

JOB NUMBER

885-6986-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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7/1/2024 11:06:42 AM

Authorized for release by
Erin Munoz, Project Manager
Erin.Munoz@et.eurofinsus.com
(505)345-3975



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Definitions/Glossary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-6986-1

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project: CMC

Job ID: 885-6986-1

Job ID: 885-6986-1

Eurofins Albuquerque

Job Narrative 885-6986-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/26/2024 4:49 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 26.3°C.

Biology

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

06/26/2024: Rio Grande North
and Rio Grande at Alameda
E. coli tested.

Field Parameters:

- North

Temp = 26.4°C
pH = 8.41
Conductivity = 254.1
Dissolved Oxygen = 4.7

- Alameda

Temp = 28.9°C
pH = 8.40
Conductivity = 272.1
Dissolved Oxygen = 4.5

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-6986-1

Client Sample ID: **RG- North 20240626**

Lab Sample ID: **885-6986-1**

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/26/24 16:49

Method: SM 9223B - Coliforms, Total, and E.Coll (Colilert - Quanti Tray)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------|--------|-----------|------|------|-----------|---|----------|----------------|---------|
| Escherichia coli | 108.0 | | 10.0 | 10.0 | MPN/100mL | | | 06/26/24 18:09 | 1 |

- 1
- 2
- 3
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- 5
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- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-6986-1

Client Sample ID: **RG- Alameda 20240626**

Lab Sample ID: **885-6986-2**

Date Collected: 06/26/24 16:28

Matrix: Water

Date Received: 06/26/24 16:49

Method: SM 9223B - Coliforms, Total, and E.Coll (Colilert - Quanti Tray)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------|--------|-----------|------|------|-----------|---|----------|----------------|---------|
| Escherichia coli | 97.0 | | 10.0 | 10.0 | MPN/100mL | | | 06/26/24 18:09 | 1 |

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- 11

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-6986-1

Method: 9223B - Coliforms, Total, and E.Coll (Colilert - Quanti Tray)

Lab Sample ID: MB 885-7444/1
Matrix: Water
Analysis Batch: 7444

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------|--------------|-----------------|-----|-----|------------|---|----------|----------------|---------|
| O. cherichia coli | ND | | 1rb | 1rb | MPN/1LL2 4 | | | L6/E6/Ef 18:L9 | 1 |

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QC Association Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-6986-1

Biology

Analysis Batch: 7444

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|----------------------|-----------|--------|--------|------------|
| 885-6986-1 | RG- North 20240626 | Total/NA | Water | 9223B | |
| 885-6986-2 | RG- Alameda 20240626 | Total/NA | Water | 9223B | |
| MB 885-7444/1 | Method Blank | Total/NA | Water | 9223B | |

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- 5
- 6
- 7
- 8
- 9
- 10
- 11

Lab Chronicle

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-6986-1

Client Sample ID: RG- North 20240626

Lab Sample ID: 885-6986-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/26/24 16:49

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA | Analysis | 9223B | | 1 | 7444 | KH | EET ALB | 06/26/24 18:09 |

Client Sample ID: RG- Alameda 20240626

Lab Sample ID: 885-6986-2

Date Collected: 06/26/24 16:28

Matrix: Water

Date Received: 06/26/24 16:49

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA | Analysis | 9223B | | 1 | 7444 | KH | EET ALB | 06/26/24 18:09 |

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975



Accreditation/Certification Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-6986-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Oregon | NELAP | NM100001 | 02-26-25 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|------------------|
| 9223B | | Water | Escherichia coli |



Chain-of-Custody Record

Client: AMATCA

Mailing Address:

Phone #:

email or Fax#: pcavez@AMATCA.ORG

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time:

Standard Rush

Project Name:
CMC

Project #:

Project Manager:
Patrick Chavez

Sampler: I Torres

On Ice: Yes No

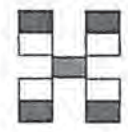
of Coolers: 1 yes

Cooler Temp (including CF): 26.3 ± 0 = 26.3 (°C)

Container Type and #

Preservative Type

HEAL No.



**HALL ENVIRO
ANALYSIS LAB**



**L
RY**

www.hallenvironmental.co

4901 Hawkins NE - Albuquerque, NM.

Tel. 505-345-3975 Fax 505-345-4107

885-6986 COC

Analysis Request

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. | BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | E. coli Enumeration | |
|---------|------|--------|----------------------|----------------------|-------------------|----------|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|---------------------|--|
| 6/26/24 | 1505 | AQ | RG1-North 20240620 | 1 Britle | NA THD | | | | | | | | | | | | | |
| 6/26/24 | 1628 | AQ | RG1-Alameda 20240620 | 1 | 1 | | | | | | | | | | | | | |

Date: 6/26/24 Time: 1647 Relinquished by: [Signature]

Received by: [Signature] Via: CPO Date: 6/26/24 Time: 16:49

Remarks:

Date: Time: Relinquished by:

Received by: Via: Date: Time:

Page 12 of 13

7/1/2024

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Login Sample Receipt Checklist

Client: Albuquerque Metropolitan Arroyo Flood Control Authority

Job Number: 885-6986-1

Login Number: 6986

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

| Question | Answer | Comment |
|---|--------|--|
| Radioactivity wasn't checked or is \leq background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | False | Received same day of collection; chilling process has begun. |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |



 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Patrick Chavez
Albuquerque Metropolitan Arroyo Flood Control Authority
2600 Prospect Ave NE
Albuquerque, New Mexico 87107

Generated 7/31/2024 2:26:56 PM

JOB DESCRIPTION

CMC

JOB NUMBER

885-7077-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Erin Munoz, Project Manager
Erin.Munoz@et.eurofinsus.com
(505)345-3975

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7/31/2024 2:26:56 PM



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Definitions/Glossary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-7077-1

Qualifiers

GC/MS VOA

| Qualifier | Qualifier Description |
|-----------|---|
| H | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements. |

GC/MS Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |

LCMS

| Qualifier | Qualifier Description |
|-----------|--|
| I | Value is EMPC (estimated maximum possible concentration). |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

Dioxin

| Qualifier | Qualifier Description |
|-----------|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| q | The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference. |

Metals

| Qualifier | Qualifier Description |
|-----------|--|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

General Chemistry

| Qualifier | Qualifier Description |
|-----------|--|
| *- | LCS and/or LCSD is outside acceptance limits, low biased. |
| b | Result Detected in the Unseeded Control blank (USB). |
| HF | Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time. |

Rad

| Qualifier | Qualifier Description |
|-----------|--|
| G | The Sample MDC is greater than the requested RL. |
| U | Result is less than the sample detection limit. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |

Definitions/Glossary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-7077-1

Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|--------------|--|
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project: CMC

Job ID: 885-7077-1

Job ID: 885-7077-1

Eurofins Albuquerque

Job Narrative 885-7077-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/27/2024 2:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.9°C and 10.4°C.

Subcontract Work

Method Hexavalent Chromium: This method was subcontracted to Pace Analytical Services LLC. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

GC/MS VOA

Method 624.1: The following samples were received outside of holding time: RG-North20240626 (885-7077-1) and RG-South20240627 (885-7077-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 625.1_QQQ: Surrogate recovery for the following sample was outside the upper control limit: RG-North20240626 (885-7077-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 625.1_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one base and one acid of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: RG-South20240627 (885-7077-2). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

Method 8081B_LL: The surrogate recovery for the blank associated with preparation batch 860-169461 and analytical batch 860-169649 was outside the upper control limits.

Method 8081B_LL: The surrogate recovery for the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) associated with preparation batch 860-169461 and analytical batch 860-169649 was outside the upper control limits.

(LCS 860-169461/2-A) and (LCSD 860-169461/3-A)

Method 8081B_LL: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-169461 and analytical batch 860-169649 recovered outside control limits for the following analytes: Dieldrin. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides/PCBs

Method 608.3: The Tetrachloro-m-xylene surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column: (LCS 860-169312/2-A), (LCSD 860-169312/3-A) and (MB 860-169312/1-A). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

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Case Narrative

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project: CMC

Job ID: 885-7077-1

Job ID: 885-7077-1 (Continued)

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Method 608.3: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-169312 and analytical batch 860-169369 recovered outside control limits for the following analytes: Dieldrin. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 608.3: The surrogate recovery for the blank associated with preparation batch 860-169818 and analytical batch 860-169920 was outside the upper control limits.

(MB 860-169818/1-A)

Method 608.3: The surrogate recovery for the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) associated with preparation batch 860-169818 and analytical batch 860-169920 was outside the upper control limits.

(LCS 860-169818/2-A) and (LCSD 860-169818/3-A)

Method 608.3: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-169818 and analytical batch 860-169920 recovered outside control limits for the following analytes: Dieldrin. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 608.3: Surrogate recovery for the following samples were outside the upper control limit: **RG-North20240626 (885-7077-1) and RG-South20240627 (885-7077-2)**. This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 608.3: The following samples were prepared outside of preparation holding time due to surrogate recovery outside control limits (low biased) for original extraction: **RG-North20240626 (885-7077-1) and RG-South20240627 (885-7077-2)**.

Method 608.3: Surrogate recovery for the following sample was outside control limits: **RG-North20240626 (885-7077-1)**. Re-extraction and/or re-analysis was performed and surrogate recovery was outside control limits.

Method 608.3: Surrogate recovery for the following samples were outside control limits: **RG-North20240626 (885-7077-1) and RG-South20240627 (885-7077-2)**. Re-extraction and/or re-analysis was performed and surrogate recovery was outside control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS

Method 1633: The following samples in preparation batch 320-779486 were observed to have a thin layer of sediment present in the bottom of the bottle prior to extraction. **RG-North20240626 (885-7077-1) and RG-South20240627 (885-7077-2)**

Method 1633: The following samples in preparation batch 320-779486 were brown in color prior to extraction. **RG-North20240626 (885-7077-1) and RG-South20240627 (885-7077-2)**

Method 1633: The following samples in preparation batch 320-779486 were yellow in color following extraction. **RG-North20240626 (885-7077-1) and RG-South20240627 (885-7077-2)**

Method 1633: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 320-779486.

Method 1633: The following samples were received preserved with Trizma. Preservation was not added to batch QC samples. **RG-North20240626 (885-7077-1), RG-South20240627 (885-7077-2) and EB-20240627 (885-7077-3)**

Method 1633: The "I" qualifier means the transition mass ratio for the indicated analyte was outside the established ratio limits. The qualitative identification of the analyte has some degree of uncertainty. However, analyst judgment was used to positively identify the analyte: **RG-North20240626 (885-7077-1) and RG-South20240627 (885-7077-2)**.

Method 1633: The continuing calibration verification (CCV) associated with batch 320-780306 recovered above the upper control limit for Perfluoroheptanesulfonic acid (PFHpS), 4,8-Dioxa-3H-perfluorononanoic acid (ADONA), 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS), 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) and 3-Perfluoroheptylpropanoic acid (7:3 FTCA). The samples associated with this CCV were non-detects for the affected analytes;

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Case Narrative

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project: CMC

Job ID: 885-7077-1

Job ID: 885-7077-1 (Continued)

Eurofins Albuquerque

therefore, the data have been reported. RG-North20240626 (885-7077-1), RG-South20240627 (885-7077-2), EB-20240627 (885-7077-3) and (CCV 320-780306/1).

Method 1633: The continuing calibration verification (CCV) associated with batch 320-780306 recovered above the upper control limit for 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS), 4,8-Dioxa-3H-perfluorononanoic acid (ADONA), 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS) and 11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. **RG-North20240626 (885-7077-1), RG-South20240627 (885-7077-2), EB-20240627 (885-7077-3)** and (CCV 320-780306/10).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Hi-Res PCBs

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method SM5210B_BODCalc: The glucose-glutamic acid standard (LCS) recovered outside the recovery limits specified in the method in batch 885-7579. The method holding time had expired, therefore the analysis was not repeated. The data was qualified and reported.

Method SM5210B_BODCalc: The method blank result associated with batch 885-7579 was higher than the method-required limit of 0.2 mg/L.

Method SM5210B_BODCalc: Chlorine was present in the following sample and treated per Method/SOP: **RG-North20240626 (885-7077-1)**. Results may be biased low.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gas Flow Proportional Counter

Method 900.0: Gross Alpha Beta prep batch 160-669229:

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: **RG-North20240626 (885-7077-1), RG-South20240627 (885-7077-2)** and (885-7077-K-2-D DU). Analytical results are reported with the detection limit achieved.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Biology

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

06/26/2024: Rio Grande North and 06/27/2024 Rio Grande South; both full suite of testing.

Field Parameters:

- North

Temp = 26.4°C
pH = 8.41
Conductivity = 254.1
Dissolved Oxygen = 4.7

- South

Temp = 28.3°C
pH = 8.30
Conductivity = 337.0
Dissolved Oxygen = 5.5

Eurofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|--------|------|---|----------|----------------|---------|
| Tetrahydrofuran | ND | H | 0.010 | 0.0018 | mg/L | | | 07/03/24 02:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 104 | | 63 - 144 | | | | | 07/03/24 02:47 | 1 |
| 4-Bromofluorobenzene (Surr) | 105 | | 74 - 124 | | | | | 07/03/24 02:47 | 1 |
| Dibromofluoromethane (Surr) | 106 | | 75 - 131 | | | | | 07/03/24 02:47 | 1 |
| Toluene-d8 (Surr) | 102 | | 80 - 120 | | | | | 07/03/24 02:47 | 1 |

Method: EPA 625.1 - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|--------|------|---|----------------|----------------|---------|
| Benzidine | ND | | 1.2 | 0.091 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Benzo[a]anthracene | ND | *+ | 0.12 | 0.0096 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Benzo[b]fluoranthene | ND | *+ | 0.58 | 0.067 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Bis(2-ethylhexyl) phthalate | ND | *+ | 2.9 | 1.4 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Chrysene | ND | *+ | 0.58 | 0.082 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.12 | 0.051 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Dibenzofuran | ND | | 0.58 | 0.11 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.58 | 0.10 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Pentachlorophenol | ND | | 1.2 | 1.0 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Benzo[k]fluoranthene | ND | *+ | 0.58 | 0.048 | ug/L | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 103 | | 43 - 130 | | | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| 2-Fluorophenol (Surr) | 107 | | 19 - 120 | | | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Nitrobenzene-d5 (Surr) | 151 | S1+ | 37 - 133 | | | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| Phenol-d5 (Surr) | 77 | | 8 - 124 | | | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| p-Terphenyl-d14 (Surr) | 98 | | 47 - 130 | | | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |
| 2,4,6-Tribromophenol (Surr) | 115 | | 35 - 130 | | | | 07/02/24 12:40 | 07/03/24 19:01 | 1 |

Method: EPA 608.3 - Organochlorine Pesticides/PCBs in Water

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Dieldrin | ND | *+ | 0.000052 | 0.000018 | mg/L | | 07/02/24 22:42 | 07/03/24 14:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 24 | S1- | 45 - 115 | | | | 07/02/24 22:42 | 07/03/24 14:47 | 1 |
| Tetrachloro-m-xylene | 138 | S1+ | 41 - 110 | | | | 07/02/24 22:42 | 07/03/24 14:47 | 1 |

Method: SW846 8081B_LL - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----------|-----------|------|---|----------------|----------------|---------|
| Dieldrin | ND | *+ | 0.000010 | 0.0000000 | mg/L | | 07/03/24 13:50 | 07/05/24 11:41 | 1 |
| | | | | 81 | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 107 | | 15 - 136 | | | | 07/03/24 13:50 | 07/05/24 11:41 | 1 |
| Tetrachloro-m-xylene | 104 | | 18 - 126 | | | | 07/03/24 13:50 | 07/05/24 11:41 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate | 0.14 | | 0.10 | 0.020 | mg/L | | | 06/28/24 11:40 | 1 |
| Nitrite | ND | | 0.10 | 0.012 | mg/L | | | 06/28/24 11:40 | 1 |

Eurofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|------------|-----------|-----|------|------|---|----------------|----------------|---------|
| Perfluorobutanoic acid (PFBA) | ND | | 14 | 3.4 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoropentanoic acid (PFPeA) | ND | | 6.8 | 1.7 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorohexanoic acid (PFHxA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoroheptanoic acid (PFHpA) | 1.5 | J | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorooctanoic acid (PFOA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorononanoic acid (PFNA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorodecanoic acid (PFDA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoroundecanoic acid (PFUnA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorododecanoic acid (PFDoA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorotridecanoic acid (PFTrDA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorotetradecanoic acid (PFTeDA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoropentanesulfonic acid (PFPeS) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoroheptanesulfonic acid (PFHpS) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoroheptanesulfonic acid (PFHpS) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 1.6 | J1 | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoronanesulfonic acid (PFNS) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorodecanesulfonic acid (PFDS) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorododecanesulfonic acid (PFDoS) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | ND | | 14 | 3.4 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | ND | | 14 | 3.4 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | ND | | 14 | 3.4 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluorooctanesulfonamide (PFOSA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| N-methylperfluorooctane sulfonamide (NMeFOSA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| N-ethylperfluorooctane sulfonamide (NEtFOSA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA) | ND | | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) | ND | | 34 | 8.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE) | ND | | 34 | 8.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | ND | | 14 | 3.4 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 4,8-Dioxo-3H-perfluorononanoic acid (ADONA) | ND | | 14 | 3.4 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | ND | | 6.8 | 1.7 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | ND | | 6.8 | 1.7 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Nonafluoro-3,6-dioxahexanoic acid (NFDHA) | ND | | 6.8 | 1.7 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS) | ND | | 14 | 3.4 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |

Eurofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-----------|-----------|----------|-----|------|---|----------------|----------------|---------|
| 11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS) | ND | | 14 | 3.4 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) | ND | | 6.8 | 1.7 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 3-Perfluoropropylpropanoic acid (3:3 FTCA) | ND | | 17 | 4.3 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 3-Perfluoropentylpropanoic acid (5:3 FTCA) | ND | | 85 | 21 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 3-Perfluoroheptylpropanoic acid (7:3 FTCA) | ND | | 85 | 21 | ng/L | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| Isotope Dilution | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 13C4 PFBA | 89.0 | | 5 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C5 PFPeA | 95.3 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C5 PFHxA | 85.5 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C4 PFHpA | 104 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C8 PFOA | 96.2 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C9 PFNA | 88.0 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C6 PFDA | 96.9 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C7 PFUnA | 84.5 | | 30 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C2 PFDoA | 86.7 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C2 PFTeDA | 67.2 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C3 PFHxS | 78.0 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C8 PFOS | 98.1 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C8 PFOSA | 89.4 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| d3-NMeFOSAA | 106 | | 40 - 170 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| d5-NEtFOSAA | 104 | | 25 - 135 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C2 4:2 FTS | 99.5 | | 40 - 200 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C2 6:2 FTS | 116 | | 40 - 200 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C2 8:2 FTS | 101 | | 40 - 300 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| 13C3 HFPO-DA | 85.6 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| d7-N-MeFOSE-M | 68.6 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| d9-N-EtFOSE-M | 66.5 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| d5-NEtPFOSA | 68.4 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |
| d3-NMePFOSA | 70.3 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:22 | 1 |

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| Perfluorobutanesulfonic acid (PFBS) | 0.89 | J | 3.4 | 0.85 | ng/L | | 07/15/24 11:26 | 07/17/24 15:03 | 1 |
| Isotope Dilution | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 13C3 PFBS | 71.5 | | 40 - 135 | | | | 07/15/24 11:26 | 07/17/24 15:03 | 1 |

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| PCB-1 | ND | | 21 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-2 | ND | | 210 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-3 | ND | | 62 | 49 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-4 | ND | | 41 | 25 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-5 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-6 | ND | | 210 | 25 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-7 | ND | | 210 | 19 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |

Eurofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| PCB-8 | ND | | 210 | 27 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-9 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-10 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-11 | ND | | 210 | 150 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-12 | ND | | 410 | 31 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-13 | ND | | 410 | 31 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-14 | ND | | 210 | 72 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-15 | ND | | 41 | 22 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-16 | ND | | 210 | 7.0 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-17 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-18 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-19 | ND | | 21 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-20 | ND | | 410 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-21 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-22 | ND | | 210 | 7.5 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-23 | ND | | 210 | 8.2 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-24 | ND | | 210 | 9.9 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-25 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-26 | ND | | 410 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-27 | ND | | 210 | 9.9 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-28 | ND | | 410 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-29 | ND | | 410 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-30 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-31 | ND | | 210 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-32 | ND | | 210 | 9.8 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-33 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-34 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-35 | ND | | 210 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-36 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-37 | ND | | 21 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-38 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-39 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-40 | ND | | 410 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-41 | ND | | 210 | 8.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-42 | ND | | 210 | 8.4 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-43 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-44 | ND | | 620 | 36 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-45 | ND | | 410 | 7.9 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-46 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-47 | ND | | 620 | 36 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-48 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-49 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-50 | ND | | 410 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-51 | ND | | 410 | 8.0 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-52 | ND | | 210 | 25 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-53 | ND | | 410 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-54 | ND | | 21 | 8.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-55 | ND | | 210 | 7.8 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-56 | ND | | 210 | 6.8 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |

Euofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| PCB-57 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-58 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-59 | ND | | 620 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-60 | ND | | 210 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-61 | ND | | 820 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-62 | ND | | 620 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-63 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-64 | ND | | 210 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-65 | ND | | 620 | 36 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-66 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-67 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-68 | ND | | 210 | 9.4 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-69 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-70 | ND | | 820 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-71 | ND | | 410 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-72 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-73 | ND | | 210 | 5.4 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-74 | ND | | 820 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-75 | ND | | 620 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-76 | ND | | 820 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-77 | ND | | 21 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-78 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-79 | ND | | 210 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-80 | ND | | 210 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-81 | ND | | 21 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-82 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-83 | ND | | 410 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-84 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-85 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-86 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-87 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-88 | ND | | 410 | 9.2 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-89 | ND | | 210 | 8.5 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-90 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-91 | ND | | 410 | 9.2 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-92 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-93 | ND | | 410 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-94 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-95 | ND | | 210 | 32 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-96 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-97 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-98 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-99 | ND | | 410 | 8.2 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-100 | ND | | 410 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-101 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-102 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-103 | ND | | 210 | 8.9 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-104 | ND | | 21 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-105 | ND | | 21 | 9.5 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |

Euofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| PCB-106 | ND | | 210 | 8.5 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-107 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-108 | ND | | 410 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-109 | ND | | 1200 | 5.1 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-110 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-111 | ND | | 210 | 8.9 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-112 | ND | | 210 | 6.4 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-113 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-114 | ND | | 21 | 7.9 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-115 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-116 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-117 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-118 | ND | | 21 | 9.1 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-119 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-120 | ND | | 210 | 5.8 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-121 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-122 | ND | | 210 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-123 | ND | | 21 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-124 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-125 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-126 | ND | | 21 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-127 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-128 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-129 | ND | | 820 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-130 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-131 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-132 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-133 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-134 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-135 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-136 | ND | | 210 | 6.3 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-137 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-138 | ND | | 820 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-139 | ND | | 410 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-140 | ND | | 410 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-141 | ND | | 210 | 7.4 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-142 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-143 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-144 | ND | | 210 | 6.3 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-145 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-146 | ND | | 210 | 7.3 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-147 | ND | | 410 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-148 | ND | | 210 | 6.8 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-149 | ND | | 410 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-150 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-151 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-152 | ND | | 210 | 5.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-153 | ND | | 410 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-154 | ND | | 210 | 5.9 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |

Euofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| PCB-155 | ND | | 21 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-156 | ND | | 41 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-157 | ND | | 41 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-158 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-159 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-160 | ND | | 820 | 7.5 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-161 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-162 | ND | | 210 | 9.2 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-163 | ND | | 820 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-164 | ND | | 210 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-165 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-166 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-167 | ND | | 21 | 7.9 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-168 | ND | | 410 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-169 | ND | | 21 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-170 | ND | | 210 | 19 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-171 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-172 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-173 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-174 | ND | | 210 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-175 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-176 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-177 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-178 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-179 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-180 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-181 | ND | | 210 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-182 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-183 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-184 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-185 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-186 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-187 | ND | | 210 | 19 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-188 | ND | | 21 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-189 | ND | | 21 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-190 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-191 | ND | | 210 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-192 | ND | | 210 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-193 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-194 | ND | | 210 | 9.0 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-195 | ND | | 210 | 18 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-196 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-197 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-198 | ND | | 410 | 8.0 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-199 | ND | | 410 | 8.0 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-200 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-201 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-202 | ND | | 21 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-203 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |

Euofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| PCB-204 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-205 | ND | | 21 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-206 | ND | | 21 | 8.5 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-207 | ND | | 210 | 5.6 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-208 | ND | | 21 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-209 | ND | | 21 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 04:49 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| PCB-1L | 70 | | 15 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-3L | 72 | | 15 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-4L | 66 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-15L | 76 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-19L | 76 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-37L | 67 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-54L | 57 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-77L | 76 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-81L | 74 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-104L | 52 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-105L | 73 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-114L | 72 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-118L | 73 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-123L | 72 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-126L | 77 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-155L | 59 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-156L | 96 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-156L/157L | 96 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-157L | 96 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-167L | 93 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-169L | 96 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-188L | 55 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-189L | 73 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-202L | 65 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-205L | 79 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-206L | 74 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-208L | 65 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-209L | 71 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------|-----------|-----------|----------|----------------|----------------|---------|
| PCB-28L | 68 | | 30 - 135 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-111L | 75 | | 30 - 135 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |
| PCB-178L | 85 | | 30 - 135 | 07/08/24 12:40 | 07/12/24 04:49 | 1 |

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|-----|-------|------|---|----------------|----------------|---------|
| Calcium | 33 | | 1.0 | 0.053 | mg/L | | 07/02/24 13:43 | 07/10/24 15:01 | 1 |
| Magnesium | 6.4 | | 1.0 | 0.033 | mg/L | | 07/02/24 13:43 | 07/08/24 12:07 | 1 |

Method: EPA 200.8 - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Uranium | 1.5 | | 1.0 | 0.15 | ug/L | | 07/16/24 15:34 | 07/19/24 14:39 | 2 |

Eurofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|---------|-----------|---------|----------|------|---|----------|----------------|---------|
| Lead | ND | | 0.00050 | 0.000083 | mg/L | | | 07/09/24 10:31 | 1 |
| Copper | 0.00095 | | 0.00050 | 0.00012 | mg/L | | | 07/09/24 10:31 | 1 |

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Hardness as calcium carbonate | 110 | | 6.6 | 2.5 | mg/L | | | 07/09/24 15:25 | 1 |

General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| HEM (Oil & Grease) (1664B) | ND | | 5.0 | 4.4 | mg/L | | | 07/08/24 09:19 | 1 |
| Total Dissolved Solids (SM 2540C) | 250 | | 50 | 25 | mg/L | | | 07/02/24 14:21 | 1 |
| Nitrogen, Total Kjeldahl (EPA 351.2) | 0.60 | | 0.50 | 0.50 | mg/L | | 07/08/24 11:40 | 07/09/24 13:01 | 1 |
| Total Phosphorus as P (EPA 365.1) | 0.13 | | 0.050 | 0.050 | mg/L | | 07/11/24 08:30 | 07/16/24 09:30 | 1 |
| Chemical Oxygen Demand (SM 5220D) | ND | | 50 | 50 | mg/L | | | 07/09/24 14:14 | 1 |
| Total Suspended Solids (SM 2540D) | 58 | | 4.0 | 4.0 | mg/L | | | 07/02/24 16:35 | 1 |
| pH (SM 4500 H+ B) | 8.1 | HF | 0.1 | 0.1 | SU | | | 07/09/24 22:21 | 1 |
| Biochemical Oxygen Demand (SM5210B) | 2.0 | *- b | 2.0 | 2.0 | mg/L | | | 06/28/24 11:05 | 1 |

General Chemistry - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Total Phosphorus as P (EPA 365.1) | 0.055 | | 0.050 | 0.050 | mg/L | | 07/11/24 08:30 | 07/16/24 09:32 | 1 |

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

| Analyte | Result | Qualifier | Count | | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|-------------|--------|-----------|-----------------|---------------|------|------|-------|----------------|----------------|---------|
| | | | Uncert. (2σ+/-) | Total (2σ+/-) | | | | | | |
| Gross Alpha | 6.25 | G | 2.76 | 2.85 | 3.00 | 3.55 | pCi/L | 07/03/24 08:58 | 07/18/24 17:21 | 1 |
| Gross Beta | 5.30 | | 1.17 | 1.28 | 4.00 | 1.26 | pCi/L | 07/03/24 08:58 | 07/18/24 17:21 | 1 |

Method: SM Gross Alpha Adj - Gross Alpha Adjusted

| Analyte | Result | Qualifier | Count | | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----------------|---------------|------|------|-------|----------|----------------|---------|
| | | | Uncert. (2σ+/-) | Total (2σ+/-) | | | | | | |
| Adjusted Gross Alpha | 5.25 | | | | 3.00 | 3.55 | pCi/L | | 07/19/24 14:39 | 1 |

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|--------|------|---|----------|----------------|---------|
| Tetrahydrofuran | ND | H | 0.010 | 0.0018 | mg/L | | | 07/03/24 03:08 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 104 | | 63 - 144 | | | | | 07/03/24 03:08 | 1 |
| 4-Bromofluorobenzene (Surr) | 105 | | 74 - 124 | | | | | 07/03/24 03:08 | 1 |
| Dibromofluoromethane (Surr) | 105 | | 75 - 131 | | | | | 07/03/24 03:08 | 1 |
| Toluene-d8 (Surr) | 102 | | 80 - 120 | | | | | 07/03/24 03:08 | 1 |

Method: EPA 625.1 - Semivolatile Organic Compounds (GC-MS/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|--------|------|---|----------------|----------------|---------|
| Benzidine | ND | | 1.1 | 0.090 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Benzo[a]anthracene | ND | *+ | 0.11 | 0.0095 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Benzo[b]fluoranthene | ND | *+ | 0.57 | 0.066 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Bis(2-ethylhexyl) phthalate | ND | *+ | 2.8 | 1.4 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Chrysene | ND | *+ | 0.57 | 0.081 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.11 | 0.051 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Dibenzofuran | ND | | 0.57 | 0.11 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.57 | 0.10 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Pentachlorophenol | ND | | 1.1 | 1.0 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Benzo[k]fluoranthene | ND | *+ | 0.57 | 0.047 | ug/L | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 123 | | 43 - 130 | | | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| 2-Fluorophenol (Surr) | 87 | | 19 - 120 | | | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Nitrobenzene-d5 (Surr) | 144 | S1+ | 37 - 133 | | | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| Phenol-d5 (Surr) | 61 | | 8 - 124 | | | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| p-Terphenyl-d14 (Surr) | 89 | | 47 - 130 | | | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |
| 2,4,6-Tribromophenol (Surr) | 153 | S1+ | 35 - 130 | | | | 07/02/24 12:40 | 07/05/24 15:46 | 1 |

Method: EPA 608.3 - Organochlorine Pesticides/PCBs in Water

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Dieldrin | ND | *+ | 0.000053 | 0.000018 | mg/L | | 07/02/24 22:42 | 07/03/24 14:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 29 | S1- | 45 - 115 | | | | 07/02/24 22:42 | 07/03/24 14:58 | 1 |
| Tetrachloro-m-xylene | 145 | S1+ | 41 - 110 | | | | 07/02/24 22:42 | 07/03/24 14:58 | 1 |

Method: SW846 8081B_LL - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----------|-----------|------|---|----------------|----------------|---------|
| Dieldrin | ND | *+ | 0.000010 | 0.0000000 | mg/L | | 07/03/24 13:50 | 07/05/24 12:10 | 1 |
| | | | | 81 | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 103 | | 15 - 136 | | | | 07/03/24 13:50 | 07/05/24 12:10 | 1 |
| Tetrachloro-m-xylene | 111 | | 18 - 126 | | | | 07/03/24 13:50 | 07/05/24 12:10 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate | 0.62 | | 0.10 | 0.020 | mg/L | | | 06/28/24 12:29 | 1 |
| Nitrite | ND | | 0.10 | 0.012 | mg/L | | | 06/28/24 12:29 | 1 |

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Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Perfluorobutanoic acid (PFBA) | 3.8 | J | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluoropentanoic acid (PFPeA) | 3.1 | J | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorohexanoic acid (PFHxA) | 2.2 | J | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluoroheptanoic acid (PFHpA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorooctanoic acid (PFOA) | 1.5 | J | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorononanoic acid (PFNA) | 1.0 | J | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorodecanoic acid (PFDA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluoroundecanoic acid (PFUnA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorododecanoic acid (PFDoA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorotridecanoic acid (PFTrDA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorotetradecanoic acid (PFTeDA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluoropentanesulfonic acid (PFPeS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluoroheptanesulfonic acid (PFHpS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 1.6 | J1 | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorononanesulfonic acid (PFNS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorodecanesulfonic acid (PFDS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorododecanesulfonic acid (PFDoS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluorooctanesulfonamide (PFOSA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| N-methylperfluorooctane sulfonamide (NMeFOSA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| N-ethylperfluorooctane sulfonamide (NEtFOSA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) | ND | | 30 | 7.6 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE) | ND | | 30 | 7.6 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 4,8-Dioxo-3H-perfluorononanoic acid (ADONA) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | ND | | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | ND | | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Nonafluoro-3,6-dioxahexanoic acid (NFDHA) | ND | | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9CI-PF3ONS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |

Euofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-----------|-----------|----------|-----|------|---|----------------|----------------|---------|
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) | ND | | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 3-Perfluoropropylpropanoic acid (3:3 FTCA) | ND | | 15 | 3.8 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 3-Perfluoropentylpropanoic acid (5:3 FTCA) | ND | | 76 | 19 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 3-Perfluoroheptylpropanoic acid (7:3 FTCA) | ND | | 76 | 19 | ng/L | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| Isotope Dilution | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 13C4 PFBA | 95.6 | | 5 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C5 PFPeA | 102 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C5 PFHxA | 96.9 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C4 PFHpA | 110 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C8 PFOA | 96.8 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C9 PFNA | 87.6 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C6 PFDA | 94.8 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C7 PFUnA | 94.3 | | 30 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C2 PFDoA | 86.3 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C2 PFTeDA | 71.2 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C3 PFHxS | 82.6 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C8 PFOS | 105 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C8 PFOSA | 94.1 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| d3-NMeFOSAA | 104 | | 40 - 170 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| d5-NEtFOSAA | 111 | | 25 - 135 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C2 4:2 FTS | 99.0 | | 40 - 200 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C2 6:2 FTS | 117 | | 40 - 200 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C2 8:2 FTS | 107 | | 40 - 300 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| 13C3 HFPO-DA | 93.1 | | 40 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| d7-N-MeFOSE-M | 66.7 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| d9-N-EtFOSE-M | 63.5 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| d5-NEtPFOSA | 65.1 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |
| d3-NMePFOSA | 67.6 | | 10 - 130 | | | | 07/15/24 11:26 | 07/16/24 19:39 | 1 |

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| Perfluorobutanesulfonic acid (PFBS) | 4.1 | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/17/24 15:21 | 1 |
| Isotope Dilution | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 13C3 PFBS | 78.6 | | 40 - 135 | | | | 07/15/24 11:26 | 07/17/24 15:21 | 1 |

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| PCB-1 | ND | | 21 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-2 | ND | | 210 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-3 | ND | | 62 | 50 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-4 | ND | | 41 | 25 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-5 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-6 | ND | | 210 | 26 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-7 | ND | | 210 | 19 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |

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Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| PCB-8 | ND | | 210 | 27 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-9 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-10 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-11 | ND | | 210 | 150 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-12 | ND | | 410 | 32 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-13 | ND | | 410 | 32 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-14 | ND | | 210 | 73 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-15 | ND | | 41 | 22 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-16 | ND | | 210 | 7.1 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-17 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-18 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-19 | ND | | 21 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-20 | ND | | 410 | 22 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-21 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-22 | ND | | 210 | 7.6 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-23 | ND | | 210 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-24 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-25 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-26 | ND | | 410 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-27 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-28 | ND | | 410 | 22 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-29 | ND | | 410 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-30 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-31 | ND | | 210 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-32 | ND | | 210 | 9.9 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-33 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-34 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-35 | ND | | 210 | 8.4 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-36 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-37 | ND | | 21 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-38 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-39 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-40 | ND | | 410 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-41 | ND | | 210 | 8.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-42 | ND | | 210 | 8.5 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-43 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-44 | ND | | 620 | 36 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-45 | ND | | 410 | 8.0 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-46 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-47 | ND | | 620 | 36 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-48 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-49 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-50 | ND | | 410 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-51 | ND | | 410 | 8.1 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-52 | ND | | 210 | 25 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-53 | ND | | 410 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-54 | ND | | 21 | 8.6 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-55 | ND | | 210 | 7.9 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-56 | ND | | 210 | 6.9 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |

Eurofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| PCB-57 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-58 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-59 | ND | | 620 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-60 | ND | | 210 | 9.9 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-61 | ND | | 830 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-62 | ND | | 620 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-63 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-64 | ND | | 210 | 9.8 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-65 | ND | | 620 | 36 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-66 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-67 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-68 | ND | | 210 | 9.5 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-69 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-70 | ND | | 830 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-71 | ND | | 410 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-72 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-73 | ND | | 210 | 5.5 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-74 | ND | | 830 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-75 | ND | | 620 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-76 | ND | | 830 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-77 | ND | | 21 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-78 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-79 | ND | | 210 | 8.4 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-80 | ND | | 210 | 8.4 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-81 | ND | | 21 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-82 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-83 | ND | | 410 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-84 | ND | | 210 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-85 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-86 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-87 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-88 | ND | | 410 | 9.3 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-89 | ND | | 210 | 8.6 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-90 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-91 | ND | | 410 | 9.3 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-92 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-93 | ND | | 410 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-94 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-95 | ND | | 210 | 33 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-96 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-97 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-98 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-99 | ND | | 410 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-100 | ND | | 410 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-101 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-102 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-103 | ND | | 210 | 9.0 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-104 | ND | | 21 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-105 | ND | | 21 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |

Euofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|-----------|------------|------|-----|------|---|----------------|----------------|---------|
| PCB-106 | ND | | 210 | 8.6 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-107 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-108 | ND | | 410 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-109 | ND | | 1200 | 5.2 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-110 | 21 | J q | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-111 | ND | | 210 | 9.0 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-112 | ND | | 210 | 6.5 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-113 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-114 | ND | | 21 | 8.0 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-115 | 21 | J q | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-116 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-117 | ND | | 620 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-118 | 13 | J q | 21 | 9.2 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-119 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-120 | ND | | 210 | 5.8 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-121 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-122 | ND | | 210 | 8.4 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-123 | ND | | 21 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-124 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-125 | ND | | 1200 | 30 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-126 | ND | | 21 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-127 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-128 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-129 | 28 | J q | 830 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-130 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-131 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-132 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-133 | ND | | 210 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-134 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-135 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-136 | ND | | 210 | 6.3 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-137 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-138 | 28 | J q | 830 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-139 | ND | | 410 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-140 | ND | | 410 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-141 | ND | | 210 | 7.5 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-142 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-143 | ND | | 410 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-144 | ND | | 210 | 6.4 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-145 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-146 | ND | | 210 | 7.4 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-147 | 23 | J q | 410 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-148 | ND | | 210 | 6.9 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-149 | 23 | J q | 410 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-150 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-151 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-152 | ND | | 210 | 5.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-153 | 26 | J | 410 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-154 | ND | | 210 | 6.0 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |

Euofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|-----------|------------|-----|-----|------|---|----------------|----------------|---------|
| PCB-155 | ND | | 21 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-156 | ND | | 41 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-157 | ND | | 41 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-158 | ND | | 210 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-159 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-160 | 28 | J q | 830 | 7.6 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-161 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-162 | ND | | 210 | 9.4 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-163 | 28 | J q | 830 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-164 | ND | | 210 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-165 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-166 | ND | | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-167 | ND | | 21 | 7.9 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-168 | 26 | J | 410 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-169 | ND | | 21 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-170 | ND | | 210 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-171 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-172 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-173 | ND | | 410 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-174 | ND | | 210 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-175 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-176 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-177 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-178 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-179 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-180 | 29 | J | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-181 | ND | | 210 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-182 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-183 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-184 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-185 | ND | | 210 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-186 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-187 | ND | | 210 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-188 | ND | | 21 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-189 | ND | | 21 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-190 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-191 | ND | | 210 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-192 | ND | | 210 | 18 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-193 | 29 | J | 410 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-194 | ND | | 210 | 9.1 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-195 | ND | | 210 | 19 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-196 | ND | | 210 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-197 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-198 | ND | | 410 | 8.1 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-199 | ND | | 410 | 8.1 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-200 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-201 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-202 | ND | | 21 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-203 | ND | | 210 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |

Eurofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| PCB-204 | ND | | 210 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-205 | ND | | 21 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-206 | ND | | 21 | 8.6 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-207 | ND | | 210 | 5.6 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-208 | ND | | 21 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-209 | ND | | 21 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 05:52 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| PCB-1L | 72 | | 15 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-3L | 74 | | 15 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-4L | 65 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-15L | 72 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-19L | 76 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-37L | 70 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-54L | 62 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-77L | 79 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-81L | 76 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-104L | 53 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-105L | 70 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-114L | 68 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-118L | 67 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-123L | 68 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-126L | 72 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-155L | 62 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-156L | 96 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-156L/157L | 96 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-157L | 96 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-167L | 94 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-169L | 95 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-188L | 53 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-189L | 64 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-202L | 60 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-205L | 72 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-206L | 62 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-208L | 63 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-209L | 70 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------|-----------|-----------|----------|----------------|----------------|---------|
| PCB-28L | 75 | | 30 - 135 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-111L | 78 | | 30 - 135 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |
| PCB-178L | 93 | | 30 - 135 | 07/08/24 12:40 | 07/12/24 05:52 | 1 |

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|-----|-------|------|---|----------------|----------------|---------|
| Calcium | 41 | | 1.0 | 0.053 | mg/L | | 07/02/24 13:43 | 07/10/24 15:03 | 1 |
| Magnesium | 8.3 | | 1.0 | 0.033 | mg/L | | 07/02/24 13:43 | 07/08/24 12:11 | 1 |

Method: EPA 200.8 - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Uranium | 1.6 | | 1.0 | 0.15 | ug/L | | 07/16/24 15:34 | 07/19/24 15:03 | 2 |

Eurofins Albuquerque

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|---------|----------|------|---|----------|----------------|---------|
| Copper | 0.010 | | 0.00050 | 0.00012 | mg/L | | | 07/09/24 10:34 | 1 |
| Lead | ND | | 0.00050 | 0.000083 | mg/L | | | 07/09/24 10:34 | 1 |

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Hardness as calcium carbonate | 140 | | 6.6 | 2.5 | mg/L | | | 07/09/24 15:25 | 1 |

General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| HEM (Oil & Grease) (1664B) | ND | | 4.9 | 4.4 | mg/L | | | 07/08/24 09:19 | 1 |
| Total Dissolved Solids (SM 2540C) | 280 | | 100 | 50 | mg/L | | | 07/03/24 12:52 | 1 |
| Nitrogen, Total Kjeldahl (EPA 351.2) | 0.99 | | 0.50 | 0.50 | mg/L | | 07/08/24 11:40 | 07/09/24 13:02 | 1 |
| Total Phosphorus as P (EPA 365.1) | 0.38 | | 0.050 | 0.050 | mg/L | | 07/11/24 08:30 | 07/16/24 09:34 | 1 |
| Chemical Oxygen Demand (SM 5220D) | ND | | 50 | 50 | mg/L | | | 07/23/24 14:19 | 1 |
| Total Suspended Solids (SM 2540D) | 160 | | 8.0 | 8.0 | mg/L | | | 07/02/24 16:35 | 1 |
| pH (SM 4500 H+ B) | 8.2 | HF | 0.1 | 0.1 | SU | | | 07/09/24 22:10 | 1 |
| Biochemical Oxygen Demand (SM5210B) | ND | *- b | 2.0 | 2.0 | mg/L | | | 06/28/24 11:05 | 1 |

General Chemistry - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Total Phosphorus as P (EPA 365.1) | 0.37 | | 0.050 | 0.050 | mg/L | | 07/11/24 08:30 | 07/16/24 09:36 | 1 |

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

| Analyte | Result | Qualifier | Count | | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|-------------|--------|-----------|-----------------|-----------------------|------|------|-------|----------------|----------------|---------|
| | | | Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | | | | | | |
| Gross Alpha | 4.84 | G | 3.13 | 3.18 | 3.00 | 4.46 | pCi/L | 07/03/24 08:58 | 07/18/24 17:21 | 1 |
| Gross Beta | 7.45 | | 1.73 | 1.88 | 4.00 | 1.91 | pCi/L | 07/03/24 08:58 | 07/18/24 17:21 | 1 |

Method: SM Gross Alpha Adj - Gross Alpha Adjusted

| Analyte | Result | Qualifier | Count | | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----------------|-----------------------|------|------|-------|----------|----------------|---------|
| | | | Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | | | | | | |
| Adjusted Gross Alpha | 3.77 | U | | | 3.00 | 4.46 | pCi/L | | 07/19/24 15:03 | 1 |

Method: SM 9223B - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------|--------|-----------|------|------|-----------|---|----------|----------------|---------|
| Escherichia coli | 644.0 | | 10.0 | 10.0 | MPN/100mL | | | 06/27/24 17:12 | 1 |

Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: EB-20240627

Lab Sample ID: 885-7077-3

Date Collected: 06/27/24 11:50

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-----------|-----------|-----|------|------|---|----------------|----------------|---------|
| Perfluorobutanoic acid (PFBA) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluoropentanoic acid (PFPeA) | ND | | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorohexanoic acid (PFHxA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluoroheptanoic acid (PFHpA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorooctanoic acid (PFOA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorononanoic acid (PFNA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorodecanoic acid (PFDA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluoroundecanoic acid (PFUnA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorododecanoic acid (PFDoA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorotridecanoic acid (PFTrDA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorotetradecanoic acid (PFTeDA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluoropentanesulfonic acid (PFPeS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluoroheptanesulfonic acid (PFHxS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluoroheptanesulfonic acid (PFHpS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorooctanesulfonic acid (PFOS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorononanesulfonic acid (PFNS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorodecanesulfonic acid (PFDS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorododecanesulfonic acid (PFDoS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluorooctanesulfonamide (PFOSA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| N-methylperfluorooctane sulfonamide (NMeFOSA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| N-ethylperfluorooctane sulfonamide (NEtFOSA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) | ND | | 30 | 7.6 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE) | ND | | 30 | 7.6 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | ND | | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | ND | | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | ND | | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | ND | | 12 | 3.0 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |

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Client Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: EB-20240627

Lab Sample ID: 885-7077-3

Date Collected: 06/27/24 11:50

Matrix: Water

Date Received: 06/27/24 14:37

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA) | ND | | 6.1 | 1.5 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 3-Perfluoropropylpropanoic acid (3:3 FTCA) | ND | | 15 | 3.8 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 3-Perfluoropentylpropanoic acid (5:3 FTCA) | ND | | 76 | 19 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 3-Perfluoroheptylpropanoic acid (7:3 FTCA) | ND | | 76 | 19 | ng/L | | 07/15/24 11:26 | 07/16/24 19:57 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| 13C4 PFBA | 89.6 | | 5 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C5 PFPeA | 96.9 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C5 PFHxA | 89.9 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C4 PFHpA | 106 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C8 PFOA | 96.1 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C9 PFNA | 88.8 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C6 PFDA | 99.9 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C7 PFUnA | 97.0 | | 30 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C2 PFDoA | 90.4 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C2 PFTeDA | 74.0 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C3 PFHxS | 79.9 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C8 PFOS | 95.1 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C8 PFOSA | 80.2 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| d3-NMeFOSAA | 98.6 | | 40 - 170 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| d5-NEtFOSAA | 98.9 | | 25 - 135 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C2 4:2 FTS | 81.5 | | 40 - 200 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C2 6:2 FTS | 110 | | 40 - 200 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C2 8:2 FTS | 95.1 | | 40 - 300 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| 13C3 HFPO-DA | 96.3 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| d7-N-MeFOSE-M | 64.2 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| d9-N-EtFOSE-M | 64.8 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| d5-NEtPFOSA | 64.9 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |
| d3-NMePFOSA | 66.7 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 19:57 | 1 |

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Perfluorobutanesulfonic acid (PFBS) | ND | | 3.0 | 0.76 | ng/L | | 07/15/24 11:26 | 07/17/24 15:38 | 1 |

| Isotope Dilution | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| 13C3 PFBS | 74.9 | | 40 - 135 | 07/15/24 11:26 | 07/17/24 15:38 | 1 |

Isotope Dilution Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PFBA (5-130) | PFPeA (40-130) | 13C5PHA (40-130) | C4PFHA (40-130) | C8PFOA (40-130) | C9PFNA (40-130) | C6PFDA (40-130) | 13C7PUA (30-130) |
|---------------------|------------------------|-----------------|-------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| 885-7077-1 | RG-North20240626 | 89.0 | 95.3 | 85.5 | 104 | 96.2 | 88.0 | 96.9 | 84.5 |
| 885-7077-2 | RG-South20240627 | 95.6 | 102 | 96.9 | 110 | 96.8 | 87.6 | 94.8 | 94.3 |
| 885-7077-3 | EB-20240627 | 89.6 | 96.9 | 89.9 | 106 | 96.1 | 88.8 | 99.9 | 97.0 |
| LCS 320-779486/3-A | Lab Control Sample | 92.1 | 97.5 | 95.3 | 110 | 96.2 | 87.6 | 99.7 | 109 |
| LCSD 320-779486/4-A | Lab Control Sample Dup | 90.7 | 96.1 | 93.8 | 111 | 88.0 | 103 | 101 | 99.1 |
| LLCS 320-779486/2-A | Lab Control Sample | 95.3 | 100 | 98.9 | 113 | 99.9 | 79.9 | 91.0 | 84.8 |
| MB 320-779486/1-A | Method Blank | 102 | 107 | 102 | 117 | 102 | 103 | 106 | 119 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PFDoA (10-130) | PFTDA (10-130) | C3PFHS (40-130) | C8PFOS (40-130) | PFOSA (40-130) | d3NMFOS (40-170) | d5NEFOS (25-135) | M242FTS (40-200) |
|---------------------|------------------------|-------------------|-------------------|--------------------|--------------------|-------------------|---------------------|---------------------|---------------------|
| 885-7077-1 | RG-North20240626 | 86.7 | 67.2 | 78.0 | 98.1 | 89.4 | 106 | 104 | 99.5 |
| 885-7077-2 | RG-South20240627 | 86.3 | 71.2 | 82.6 | 105 | 94.1 | 104 | 111 | 99.0 |
| 885-7077-3 | EB-20240627 | 90.4 | 74.0 | 79.9 | 95.1 | 80.2 | 98.6 | 98.9 | 81.5 |
| LCS 320-779486/3-A | Lab Control Sample | 102 | 88.1 | 85.2 | 89.5 | 83.7 | 94.8 | 97.4 | 81.3 |
| LCSD 320-779486/4-A | Lab Control Sample Dup | 99.9 | 86.8 | 83.5 | 92.0 | 88.4 | 105 | 103 | 81.3 |
| LLCS 320-779486/2-A | Lab Control Sample | 85.0 | 84.0 | 87.2 | 98.8 | 99.4 | 101 | 103 | 80.8 |
| MB 320-779486/1-A | Method Blank | 123 | 111 | 93.5 | 100 | 101 | 101 | 104 | 91.6 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | M262FTS (40-200) | M282FTS (40-300) | HFPODA (40-130) | NMFM (10-130) | NEFM (10-130) | d5NPFSA (10-130) | d3NMFSA (10-130) |
|---------------------|------------------------|---------------------|---------------------|--------------------|------------------|------------------|---------------------|---------------------|
| 885-7077-1 | RG-North20240626 | 116 | 101 | 85.6 | 68.6 | 66.5 | 68.4 | 70.3 |
| 885-7077-2 | RG-South20240627 | 117 | 107 | 93.1 | 66.7 | 63.5 | 65.1 | 67.6 |
| 885-7077-3 | EB-20240627 | 110 | 95.1 | 96.3 | 64.2 | 64.8 | 64.9 | 66.7 |
| LCS 320-779486/3-A | Lab Control Sample | 98.3 | 84.9 | 90.7 | 74.1 | 78.3 | 75.7 | 74.2 |
| LCSD 320-779486/4-A | Lab Control Sample Dup | 97.3 | 86.6 | 91.8 | 80.2 | 85.0 | 78.0 | 76.3 |
| LLCS 320-779486/2-A | Lab Control Sample | 106 | 92.8 | 92.4 | 89.4 | 91.8 | 84.5 | 85.9 |
| MB 320-779486/1-A | Method Blank | 115 | 96.6 | 96.7 | 92.3 | 94.4 | 87.2 | 86.3 |

Surrogate Legend

- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- 13C5PHA = 13C5 PFHxA
- C4PFHA = 13C4 PFHpA
- C8PFOA = 13C8 PFOA
- C9PFNA = 13C9 PFNA
- C6PFDA = 13C6 PFDA
- 13C7PUA = 13C7 PFUnA
- PFDoA = 13C2 PFDoA
- PFTDA = 13C2 PFTeDA
- C3PFHS = 13C3 PFHxS
- C8PFOS = 13C8 PFOS
- PFOSA = 13C8 PFOSA
- d3NMFOS = d3-NMeFOSAA
- d5NEFOS = d5-NEtFOSAA
- M242FTS = 13C2 4:2 FTS
- M262FTS = 13C2 6:2 FTS
- M282FTS = 13C2 8:2 FTS
- HFPODA = 13C3 HFPO-DA
- NMFM = d7-N-MeFOSE-M

Isotope Dilution Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority

Job ID: 885-7077-1

Project/Site: CMC

NEFM = d9-N-EtFOSE-M

d5NPFSA = d5-NEtPFOSA

d3NMFSA = d3-NMePFOSA

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | C3PFBS (40-135) |
|--------------------------|------------------------|--------------------|
| 885-7077-1 - RA | RG-North20240626 | 71.5 |
| 885-7077-2 - RA | RG-South20240627 | 78.6 |
| 885-7077-3 - RA | EB-20240627 | 74.9 |
| LCS 320-779486/3-A - RA | Lab Control Sample | 78.1 |
| LCS 320-779486/4-A - RA | Lab Control Sample Dup | 75.3 |
| LLCS 320-779486/2-A - RA | Lab Control Sample | 75.8 |
| MB 320-779486/1-A - RA | Method Blank | 82.7 |

Surrogate Legend

C3PFBS = 13C3 PFBS

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB1L (15-150) | PCB3L (15-150) | PCB4L (25-150) | PCB15L (25-150) | PCB19L (25-150) | PCB37L (25-150) | PCB54L (25-150) | PCB77L (25-150) |
|-------------------|------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 885-7077-1 | RG-North20240626 | 70 | 72 | 66 | 76 | 76 | 67 | 57 | 76 |
| 885-7077-2 | RG-South20240627 | 72 | 74 | 65 | 72 | 76 | 70 | 62 | 79 |
| MB 320-777390/1-A | Method Blank | 74 | 75 | 68 | 80 | 79 | 77 | 68 | 88 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB81L (25-150) | PCB104L (25-150) | PCB105L (25-150) | PCB114L (25-150) | PCB118L (25-150) | PCB123L (25-150) | PCB126L (25-150) | PCB155L (25-150) |
|-------------------|------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 885-7077-1 | RG-North20240626 | 74 | 52 | 73 | 72 | 73 | 72 | 77 | 59 |
| 885-7077-2 | RG-South20240627 | 76 | 53 | 70 | 68 | 67 | 68 | 72 | 62 |
| MB 320-777390/1-A | Method Blank | 89 | 64 | 80 | 77 | 80 | 80 | 84 | 73 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB156L (25-150) | 156157L (25-150) | PCB157L (25-150) | PCB167L (25-150) | PCB169L (25-150) | PCB188L (25-150) | PCB189L (25-150) | PCB202L (25-150) |
|-------------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 885-7077-1 | RG-North20240626 | 96 | 96 | 96 | 93 | 96 | 55 | 73 | 65 |
| 885-7077-2 | RG-South20240627 | 96 | 96 | 96 | 94 | 95 | 53 | 64 | 60 |
| MB 320-777390/1-A | Method Blank | 107 | 107 | 107 | 106 | 110 | 58 | 70 | 61 |

Percent Isotope Dilution Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | PCB205L (25-150) | PCB206L (25-150) | PCB208L (25-150) | PCB209L (25-150) |
|-------------------|------------------|---------------------|---------------------|---------------------|---------------------|
| 885-7077-1 | RG-North20240626 | 79 | 74 | 65 | 71 |
| 885-7077-2 | RG-South20240627 | 72 | 62 | 63 | 70 |
| MB 320-777390/1-A | Method Blank | 75 | 65 | 60 | 62 |

Surrogate Legend

PCB1L = PCB-1L

PCB3L = PCB-3L

PCB4L = PCB-4L

PCB15L = PCB-15L

PCB19L = PCB-19L

PCB37L = PCB-37L

PCB54L = PCB-54L

Eurofins Albuquerque

Isotope Dilution Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority

Job ID: 885-7077-1

Project/Site: CMC

- PCB77L = PCB-77L
- PCB81L = PCB-81L
- PCB104L = PCB-104L
- PCB105L = PCB-105L
- PCB114L = PCB-114L
- PCB118L = PCB-118L
- PCB123L = PCB-123L
- PCB126L = PCB-126L
- PCB155L = PCB-155L
- PCB156L = PCB-156L
- 156157L = PCB-156L/157L
- PCB157L = PCB-157L
- PCB167L = PCB-167L
- PCB169L = PCB-169L
- PCB188L = PCB-188L
- PCB189L = PCB-189L
- PCB202L = PCB-202L
- PCB205L = PCB-205L
- PCB206L = PCB-206L
- PCB208L = PCB-208L
- PCB209L = PCB-209L

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Matrix: Water

Prep Type: Total/NA

| | | Percent Isotope Dilution Recovery (Acceptance Limits) | | | | | | | |
|---------------------|------------------------|---|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Lab Sample ID | Client Sample ID | PCB1L (15-140) | PCB3L (15-140) | PCB4L (30-140) | PCB15L (30-140) | PCB19L (30-140) | PCB37L (30-140) | PCB54L (30-140) | PCB77L (30-140) |
| LCS 320-777390/2-A | Lab Control Sample | 74 | 75 | 70 | 81 | 79 | 79 | 69 | 89 |
| LCSD 320-777390/3-A | Lab Control Sample Dup | 74 | 77 | 69 | 83 | 81 | 80 | 69 | 92 |

| | | Percent Isotope Dilution Recovery (Acceptance Limits) | | | | | | | |
|---------------------|------------------------|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Lab Sample ID | Client Sample ID | PCB81L (30-140) | PCB104L (30-140) | PCB105L (30-140) | PCB114L (30-140) | PCB118L (30-140) | PCB123L (30-140) | PCB126L (30-140) | PCB155L (30-140) |
| LCS 320-777390/2-A | Lab Control Sample | 88 | 68 | 84 | 83 | 82 | 83 | 87 | 81 |
| LCSD 320-777390/3-A | Lab Control Sample Dup | 91 | 67 | 86 | 86 | 88 | 85 | 89 | 70 |

| | | Percent Isotope Dilution Recovery (Acceptance Limits) | | | | | | | |
|---------------------|------------------------|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Lab Sample ID | Client Sample ID | PCB156L (30-140) | 156157L (30-140) | PCB157L (30-140) | PCB167L (30-140) | PCB169L (30-140) | PCB188L (30-140) | PCB189L (30-140) | PCB202L (30-140) |
| LCS 320-777390/2-A | Lab Control Sample | 110 | 110 | 110 | 112 | 114 | 60 | 75 | 65 |
| LCSD 320-777390/3-A | Lab Control Sample Dup | 104 | 104 | 104 | 104 | 104 | 61 | 76 | 66 |

| | | Percent Isotope Dilution Recovery (Acceptance Limits) | | | |
|---------------------|------------------------|---|---------------------|---------------------|---------------------|
| Lab Sample ID | Client Sample ID | PCB205L (30-140) | PCB206L (30-140) | PCB208L (30-140) | PCB209L (30-140) |
| LCS 320-777390/2-A | Lab Control Sample | 77 | 67 | 65 | 68 |
| LCSD 320-777390/3-A | Lab Control Sample Dup | 77 | 70 | 63 | 68 |

Surrogate Legend

- PCB1L = PCB-1L
- PCB3L = PCB-3L
- PCB4L = PCB-4L
- PCB15L = PCB-15L
- PCB19L = PCB-19L
- PCB37L = PCB-37L
- PCB54L = PCB-54L
- PCB77L = PCB-77L
- PCB81L = PCB-81L

Isotope Dilution Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority

Job ID: 885-7077-1

Project/Site: CMC

- PCB104L = PCB-104L
- PCB105L = PCB-105L
- PCB114L = PCB-114L
- PCB118L = PCB-118L
- PCB123L = PCB-123L
- PCB126L = PCB-126L
- PCB155L = PCB-155L
- PCB156L = PCB-156L
- 156157L = PCB-156L/157L
- PCB157L = PCB-157L
- PCB167L = PCB-167L
- PCB169L = PCB-169L
- PCB188L = PCB-188L
- PCB189L = PCB-189L
- PCB202L = PCB-202L
- PCB205L = PCB-205L
- PCB206L = PCB-206L
- PCB208L = PCB-208L
- PCB209L = PCB-209L

- 1
- 2
- 3
- 4
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- 12
- 13
- 14

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-169234/9
Matrix: Water
Analysis Batch: 169234

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|--------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Tetrahydrofuran | ND | | 0.010 | 0.0018 | mg/L | | | 07/02/24 20:38 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 63 - 144 | | | | | 07/02/24 20:38 | 1 |
| 4-Bromofluorobenzene (Surr) | 102 | | 74 - 124 | | | | | 07/02/24 20:38 | 1 |
| Dibromofluoromethane (Surr) | 103 | | 75 - 131 | | | | | 07/02/24 20:38 | 1 |
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | | | | 07/02/24 20:38 | 1 |

Lab Sample ID: LCS 860-169234/3
Matrix: Water
Analysis Batch: 169234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|-----------|-----------|------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Tetrahydrofuran | 0.100 | 0.0923 | | mg/L | | 92 | 75 - 125 |
| Surrogate | %Recovery | Qualifier | Limits | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 94 | | 63 - 144 | | | | |
| 4-Bromofluorobenzene (Surr) | 99 | | 74 - 124 | | | | |
| Dibromofluoromethane (Surr) | 98 | | 75 - 131 | | | | |
| Toluene-d8 (Surr) | 100 | | 80 - 120 | | | | |

Lab Sample ID: LCSD 860-169234/4
Matrix: Water
Analysis Batch: 169234

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

| Analyte | Spike Added | LCSD | LCSD | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|------------------------------|-------------|-----------|-----------|------|---|------|-------------|-----|-------|
| | | Result | Qualifier | | | | | | |
| Tetrahydrofuran | 0.100 | 0.0984 | | mg/L | | 98 | 75 - 125 | 6 | 25 |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 63 - 144 | | | | | | |
| 4-Bromofluorobenzene (Surr) | 100 | | 74 - 124 | | | | | | |
| Dibromofluoromethane (Surr) | 97 | | 75 - 131 | | | | | | |
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | | | | | |

Method: 608.3 - Organochlorine Pesticides/PCBs in Water

Lab Sample ID: MB 860-169312/1-A
Matrix: Water
Analysis Batch: 169369

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 169312

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Dieldrin | ND | | 0.000050 | 0.000017 | mg/L | | 07/02/24 22:40 | 07/03/24 11:25 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 55 | | 45 - 115 | | | | 07/02/24 22:40 | 07/03/24 11:25 | 1 |
| Tetrachloro-m-xylene | 107 | | 41 - 110 | | | | 07/02/24 22:40 | 07/03/24 11:25 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 608.3 - Organochlorine Pesticides/PCBs in Water (Continued)

Lab Sample ID: LCS 860-169312/2-A

Matrix: Water

Analysis Batch: 169369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 169312

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | |
|-------------------------------|-------------|------------|---------------|------|---|------|-------------|--|
| | | | | | | | | |
| Dieldrin | 0.00125 | 0.00150 | *+ | mg/L | | 120 | 57 - 107 | |
| LCS LCS | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | |
| DCB Decachlorobiphenyl (Surr) | 56 | | 45 - 115 | | | | | |
| Tetrachloro-m-xylene | 101 | | 41 - 110 | | | | | |

Lab Sample ID: LCSD 860-169312/3-A

Matrix: Water

Analysis Batch: 169369

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 169312

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | | RPD | |
|-------------------------------|-------------|-------------|----------------|------|---|------|-------------|---|-----|-------|
| | | | | | | | | | RPD | Limit |
| Dieldrin | 0.00125 | 0.00149 | *+ | mg/L | | 119 | 57 - 107 | 1 | 30 | |
| LCSD LCSD | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | |
| DCB Decachlorobiphenyl (Surr) | 56 | | 45 - 115 | | | | | | | |
| Tetrachloro-m-xylene | 99 | | 41 - 110 | | | | | | | |

Lab Sample ID: MB 860-169818/1-A

Matrix: Water

Analysis Batch: 169920

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 169818

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Dieldrin | ND | | 0.000050 | 0.000017 | mg/L | | 07/05/24 21:47 | 07/13/24 11:39 | 1 |
| MB MB | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac | | | |
| DCB Decachlorobiphenyl (Surr) | 90 | | 45 - 115 | 07/05/24 21:47 | 07/13/24 11:39 | 1 | | | |
| Tetrachloro-m-xylene | 129 | S1+ | 41 - 110 | 07/05/24 21:47 | 07/13/24 11:39 | 1 | | | |

Lab Sample ID: LCS 860-169818/2-A

Matrix: Water

Analysis Batch: 169920

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 169818

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | |
|-------------------------------|-------------|------------|---------------|------|---|------|-------------|--|
| | | | | | | | | |
| Dieldrin | 0.00125 | 0.00186 | *+ | mg/L | | 149 | 57 - 107 | |
| LCS LCS | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | |
| DCB Decachlorobiphenyl (Surr) | 91 | | 45 - 115 | | | | | |
| Tetrachloro-m-xylene | 124 | S1+ | 41 - 110 | | | | | |

Lab Sample ID: LCSD 860-169818/3-A

Matrix: Water

Analysis Batch: 169920

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 169818

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | | RPD | |
|----------|-------------|-------------|----------------|------|---|------|-------------|---|-----|-------|
| | | | | | | | | | RPD | Limit |
| Dieldrin | 0.00125 | 0.00187 | *+ | mg/L | | 150 | 57 - 107 | 0 | 30 | |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 608.3 - Organochlorine Pesticides/PCBs in Water (Continued)

Lab Sample ID: LCSD 860-169818/3-A
 Matrix: Water
 Analysis Batch: 169920

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 169818

| Surrogate | LCSD LCSD | | Limits |
|-------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| DCB Decachlorobiphenyl (Surr) | 91 | | 45 - 115 |
| Tetrachloro-m-xylene | 124 | S1+ | 41 - 110 |

Method: 8081B_LL - Organochlorine Pesticides (GC)

Lab Sample ID: MB 860-169461/1-A
 Matrix: Water
 Analysis Batch: 169649

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 169461

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|----------|-----------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Dieldrin | ND | | 0.000010 | 0.0000000 | mg/L | | 07/03/24 13:50 | 07/05/24 10:04 | 1 |

| Surrogate | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| DCB Decachlorobiphenyl (Surr) | 141 | S1+ | 15 - 136 | 07/03/24 13:50 | 07/05/24 10:04 | 1 |
| Tetrachloro-m-xylene | 125 | | 18 - 126 | 07/03/24 13:50 | 07/05/24 10:04 | 1 |

Lab Sample ID: LCS 860-169461/2-A
 Matrix: Water
 Analysis Batch: 169649

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 169461

| Analyte | Spike Added | LCS LCS | | Unit | D | %Rec | %Rec Limits |
|----------|-------------|----------|-----------|------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Dieldrin | 0.000100 | 0.000132 | *+ | mg/L | | 132 | 46 - 127 |

| Surrogate | LCS LCS | | Limits |
|-------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| DCB Decachlorobiphenyl (Surr) | 139 | S1+ | 15 - 136 |
| Tetrachloro-m-xylene | 123 | | 18 - 126 |

Lab Sample ID: LCSD 860-169461/3-A
 Matrix: Water
 Analysis Batch: 169649

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 169461

| Analyte | Spike Added | LCSD LCSD | | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|----------|-------------|-----------|-----------|------|---|------|-------------|-----|-------|
| | | Result | Qualifier | | | | | | |
| Dieldrin | 0.000100 | 0.000139 | *+ | mg/L | | 139 | 46 - 127 | 5 | 25 |

| Surrogate | LCSD LCSD | | Limits |
|-------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| DCB Decachlorobiphenyl (Surr) | 146 | S1+ | 15 - 136 |
| Tetrachloro-m-xylene | 122 | | 18 - 126 |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-7687/10
 Matrix: Water
 Analysis Batch: 7687

Client Sample ID: Method Blank
 Prep Type: Total/NA

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Nitrate | ND | | 0.10 | 0.020 | mg/L | | | 06/28/24 10:22 | 1 |
| Nitrite | ND | | 0.10 | 0.012 | mg/L | | | 06/28/24 10:22 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-7687/58
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Nitrate | ND | | 0.10 | 0.020 | mg/L | | | 06/28/24 20:19 | 1 |
| Nitrite | ND | | 0.10 | 0.012 | mg/L | | | 06/28/24 20:19 | 1 |

Lab Sample ID: LCS 885-7687/11
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec Limits |
|---------|-------------|--------|-----------|------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Nitrate | 2.50 | 2.58 | | mg/L | | 103 | 90 - 110 |
| Nitrite | 1.00 | 0.986 | | mg/L | | 99 | 90 - 110 |

Lab Sample ID: LCS 885-7687/59
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec Limits |
|---------|-------------|--------|-----------|------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Nitrate | 2.50 | 2.54 | | mg/L | | 102 | 90 - 110 |
| Nitrite | 1.00 | 0.969 | | mg/L | | 97 | 90 - 110 |

Lab Sample ID: MRL 885-7687/9
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | MRL | MRL | Unit | D | %Rec | %Rec Limits |
|---------|-------------|--------|-----------|------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Nitrate | 0.100 | 0.111 | | mg/L | | 111 | 50 - 150 |
| Nitrite | 0.0999 | 0.103 | | mg/L | | 103 | 50 - 150 |

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 320-779486/1-A
Matrix: Water
Analysis Batch: 780306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779486

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ND | | 8.0 | 2.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluoropentanoic acid (PFPeA) | ND | | 4.0 | 1.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorohexanoic acid (PFHxA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluoroheptanoic acid (PFHpA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorooctanoic acid (PFOA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorononanoic acid (PFNA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorodecanoic acid (PFDA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluoroundecanoic acid (PFUnA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorododecanoic acid (PFDoA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorotridecanoic acid (PFTTrDA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorotetradecanoic acid (PFTeDA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluoropentanesulfonic acid (PFPeS) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluoroheptanesulfonic acid (PFHpS) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 320-779486/1-A
Matrix: Water
Analysis Batch: 780306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779486

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Perfluorooctanesulfonic acid (PFOS) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorononanesulfonic acid (PFNS) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorodecanesulfonic acid (PFDS) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorododecanesulfonic acid (PFDoS) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | ND | | 8.0 | 2.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | ND | | 8.0 | 2.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | ND | | 8.0 | 2.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluorooctanesulfonamide (PFOSA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| N-methylperfluorooctane sulfonamide (NMeFOSA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| N-ethylperfluorooctane sulfonamide (NEtFOSA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA) | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) | ND | | 20 | 5.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE) | ND | | 20 | 5.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | ND | | 8.0 | 2.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 4,8-Dioxo-3H-perfluorononanoic acid (ADONA) | ND | | 8.0 | 2.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | ND | | 4.0 | 1.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | ND | | 4.0 | 1.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | ND | | 4.0 | 1.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS) | ND | | 8.0 | 2.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | ND | | 8.0 | 2.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) | ND | | 4.0 | 1.0 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 3-Perfluoropropylpropanoic acid (3:3 FTCA) | ND | | 10 | 2.5 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 3-Perfluoropentylpropanoic acid (5:3 FTCA) | ND | | 50 | 13 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 3-Perfluoroheptylpropanoic acid (7:3 FTCA) | ND | | 50 | 13 | ng/L | | 07/15/24 11:26 | 07/16/24 18:11 | 1 |

| Isotope Dilution | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 13C4 PFBA | 102 | | 5 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C5 PFPeA | 107 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C5 PFHxA | 102 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C4 PFHpA | 117 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C8 PFOA | 102 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C9 PFNA | 103 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |

Eurofins Albuquerque

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 320-779486/1-A
Matrix: Water
Analysis Batch: 780306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779486

| Isotope Dilution | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 13C6 PFDA | 106 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C7 PFUnA | 119 | | 30 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C2 PFDoA | 123 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C2 PFTeDA | 111 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C3 PFHxS | 93.5 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C8 PFOS | 100 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C8 PFOSA | 101 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| d3-NMeFOSAA | 101 | | 40 - 170 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| d5-NEtFOSAA | 104 | | 25 - 135 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C2 4:2 FTS | 91.6 | | 40 - 200 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C2 6:2 FTS | 115 | | 40 - 200 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C2 8:2 FTS | 96.6 | | 40 - 300 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| 13C3 HFPO-DA | 96.7 | | 40 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| d7-N-MeFOSE-M | 92.3 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| d9-N-EtFOSE-M | 94.4 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| d5-NEtPFOSA | 87.2 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |
| d3-NMePFOSA | 86.3 | | 10 - 130 | 07/15/24 11:26 | 07/16/24 18:11 | 1 |

Lab Sample ID: LCS 320-779486/3-A
Matrix: Water
Analysis Batch: 780306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779486

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec |
|--|-------------|------------|---------------|------|---|------|----------|
| | | | | | | | Limits |
| Perfluorobutanoic acid (PFBA) | 128 | 123 | | ng/L | | 96 | 70 - 140 |
| Perfluoropentanoic acid (PFPeA) | 64.0 | 58.8 | | ng/L | | 92 | 65 - 135 |
| Perfluorohexanoic acid (PFHxA) | 32.0 | 29.1 | | ng/L | | 91 | 70 - 145 |
| Perfluoroheptanoic acid (PFHpA) | 32.0 | 28.4 | | ng/L | | 89 | 70 - 150 |
| Perfluorooctanoic acid (PFOA) | 32.0 | 28.2 | | ng/L | | 88 | 70 - 150 |
| Perfluorononanoic acid (PFNA) | 32.0 | 32.1 | | ng/L | | 100 | 70 - 150 |
| Perfluorodecanoic acid (PFDA) | 32.0 | 35.7 | | ng/L | | 111 | 70 - 140 |
| Perfluoroundecanoic acid (PFUnA) | 32.0 | 29.9 | | ng/L | | 93 | 70 - 145 |
| Perfluorododecanoic acid (PFDoA) | 32.0 | 27.8 | | ng/L | | 87 | 70 - 140 |
| Perfluorotridecanoic acid (PFTTrDA) | 32.0 | 32.9 | | ng/L | | 103 | 65 - 140 |
| Perfluorotetradecanoic acid (PFTeDA) | 32.0 | 31.6 | | ng/L | | 99 | 60 - 140 |
| Perfluoropentanesulfonic acid (PFPeS) | 30.1 | 27.3 | | ng/L | | 91 | 65 - 140 |
| Perfluorohexanesulfonic acid (PFHxS) | 29.2 | 30.8 | | ng/L | | 105 | 65 - 145 |
| Perfluoroheptanesulfonic acid (PFHpS) | 30.5 | 33.5 | | ng/L | | 110 | 70 - 150 |
| Perfluorooctanesulfonic acid (PFOS) | 29.8 | 28.3 | | ng/L | | 95 | 55 - 150 |
| Perfluorononanesulfonic acid (PFNS) | 30.8 | 28.9 | | ng/L | | 94 | 65 - 145 |
| Perfluorodecanesulfonic acid (PFDS) | 30.8 | 27.2 | | ng/L | | 88 | 60 - 145 |
| Perfluorododecanesulfonic acid (PFDoS) | 31.0 | 24.8 | | ng/L | | 80 | 50 - 145 |

Eurofins Albuquerque

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 320-779486/3-A

Matrix: Water

Analysis Batch: 780306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 779486

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--|-------------|------------|---------------|------|---|------|-------------|
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | 120 | 128 | | ng/L | | 107 | 70 - 145 |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | 122 | 123 | | ng/L | | 101 | 65 - 155 |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | 123 | 134 | | ng/L | | 109 | 60 - 150 |
| Perfluorooctanesulfonamide (PFOSA) | 32.0 | 24.5 | | ng/L | | 77 | 70 - 145 |
| N-methylperfluorooctane sulfonamide (NMeFOSA) | 32.0 | 28.8 | | ng/L | | 90 | 60 - 150 |
| N-ethylperfluorooctane sulfonamide (NEtFOSA) | 32.0 | 29.2 | | ng/L | | 91 | 65 - 145 |
| N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 32.0 | 31.5 | | ng/L | | 98 | 50 - 140 |
| N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 32.0 | 27.6 | | ng/L | | 86 | 70 - 145 |
| N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) | 320 | 301 | | ng/L | | 94 | 70 - 145 |
| N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE) | 320 | 303 | | ng/L | | 95 | 70 - 135 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | 128 | 119 | | ng/L | | 93 | 70 - 140 |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | 121 | 144 | | ng/L | | 119 | 65 - 145 |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | 64.0 | 65.0 | | ng/L | | 101 | 55 - 140 |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | 64.0 | 56.1 | | ng/L | | 88 | 60 - 150 |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | 64.0 | 58.2 | | ng/L | | 91 | 50 - 150 |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS) | 120 | 132 | | ng/L | | 111 | 70 - 155 |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | 121 | 136 | | ng/L | | 113 | 55 - 160 |
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) | 57.1 | 52.8 | | ng/L | | 92 | 70 - 140 |
| 3-Perfluoropropylpropanoic acid (3:3 FTCA) | 160 | 161 | | ng/L | | 101 | 65 - 130 |
| 3-Perfluoropentylpropanoic acid (5:3 FTCA) | 799 | 806 | | ng/L | | 101 | 70 - 135 |
| 3-Perfluoroheptylpropanoic acid (7:3 FTCA) | 799 | 887 | | ng/L | | 111 | 50 - 145 |

| Isotope Dilution | LCS LCS | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 13C4 PFBA | 92.1 | | 5 - 130 |
| 13C5 PFPeA | 97.5 | | 40 - 130 |
| 13C5 PFHxA | 95.3 | | 40 - 130 |
| 13C4 PFHpA | 110 | | 40 - 130 |
| 13C8 PFOA | 96.2 | | 40 - 130 |
| 13C9 PFNA | 87.6 | | 40 - 130 |
| 13C6 PFDA | 99.7 | | 40 - 130 |
| 13C7 PFUnA | 109 | | 30 - 130 |

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 320-779486/3-A

Matrix: Water

Analysis Batch: 780306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 779486

| Isotope Dilution | LCS LCS | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 13C2 PFDoA | 102 | | 10 - 130 |
| 13C2 PFTeDA | 88.1 | | 10 - 130 |
| 13C3 PFHxS | 85.2 | | 40 - 130 |
| 13C8 PFOS | 89.5 | | 40 - 130 |
| 13C8 PFOSA | 83.7 | | 40 - 130 |
| d3-NMeFOSAA | 94.8 | | 40 - 170 |
| d5-NEtFOSAA | 97.4 | | 25 - 135 |
| 13C2 4:2 FTS | 81.3 | | 40 - 200 |
| 13C2 6:2 FTS | 98.3 | | 40 - 200 |
| 13C2 8:2 FTS | 84.9 | | 40 - 300 |
| 13C3 HFPO-DA | 90.7 | | 40 - 130 |
| d7-N-MeFOSE-M | 74.1 | | 10 - 130 |
| d9-N-EtFOSE-M | 78.3 | | 10 - 130 |
| d5-NEtPFOSA | 75.7 | | 10 - 130 |
| d3-NMePFOSA | 74.2 | | 10 - 130 |

Lab Sample ID: LCSD 320-779486/4-A

Matrix: Water

Analysis Batch: 780306

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 779486

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | |
|---|-------------|-------------|----------------|------|---|------|-------------|-----|-------|
| | | | | | | | | RPD | Limit |
| Perfluorobutanoic acid (PFBA) | 128 | 131 | | ng/L | | 102 | 70 - 140 | 6 | 30 |
| Perfluoropentanoic acid (PFPeA) | 64.0 | 63.5 | | ng/L | | 99 | 65 - 135 | 8 | 30 |
| Perfluorohexanoic acid (PFHxA) | 32.0 | 31.4 | | ng/L | | 98 | 70 - 145 | 7 | 30 |
| Perfluoroheptanoic acid (PFHpA) | 32.0 | 30.1 | | ng/L | | 94 | 70 - 150 | 6 | 30 |
| Perfluorooctanoic acid (PFOA) | 32.0 | 29.5 | | ng/L | | 92 | 70 - 150 | 4 | 30 |
| Perfluorononanoic acid (PFNA) | 32.0 | 29.3 | | ng/L | | 91 | 70 - 150 | 9 | 30 |
| Perfluorodecanoic acid (PFDA) | 32.0 | 32.8 | | ng/L | | 102 | 70 - 140 | 9 | 30 |
| Perfluoroundecanoic acid (PFUnA) | 32.0 | 33.5 | | ng/L | | 105 | 70 - 145 | 11 | 30 |
| Perfluorododecanoic acid (PFDoA) | 32.0 | 31.5 | | ng/L | | 99 | 70 - 140 | 13 | 30 |
| Perfluorotridecanoic acid (PFTriDA) | 32.0 | 35.8 | | ng/L | | 112 | 65 - 140 | 8 | 30 |
| Perfluorotetradecanoic acid (PFTeDA) | 32.0 | 34.6 | | ng/L | | 108 | 60 - 140 | 9 | 30 |
| Perfluoropentanesulfonic acid (PFPeS) | 30.1 | 29.0 | | ng/L | | 96 | 65 - 140 | 6 | 30 |
| Perfluorohexanesulfonic acid (PFHxS) | 29.2 | 33.6 | | ng/L | | 115 | 65 - 145 | 9 | 30 |
| Perfluoroheptanesulfonic acid (PFHpS) | 30.5 | 32.4 | | ng/L | | 106 | 70 - 150 | 3 | 30 |
| Perfluorooctanesulfonic acid (PFOS) | 29.8 | 29.6 | | ng/L | | 99 | 55 - 150 | 4 | 30 |
| Perfluorononanesulfonic acid (PFNS) | 30.8 | 28.9 | | ng/L | | 94 | 65 - 145 | 0 | 30 |
| Perfluorodecanesulfonic acid (PFDS) | 30.8 | 27.6 | | ng/L | | 90 | 60 - 145 | 2 | 30 |
| Perfluorododecanesulfonic acid (PFDoS) | 31.0 | 27.4 | | ng/L | | 88 | 50 - 145 | 10 | 30 |
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | 120 | 139 | | ng/L | | 116 | 70 - 145 | 8 | 30 |

Eurofins Albuquerque

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 320-779486/4-A

Matrix: Water

Analysis Batch: 780306

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 779486

| Analyte | Spike Added | LCSD | LCSD | Unit | D | %Rec | %Rec | RPD | RPD |
|--|-------------|--------|-----------|------|---|------|----------|-----|-------|
| | | Result | Qualifier | | | | Limits | | Limit |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | 122 | 128 | | ng/L | | 105 | 65 - 155 | 4 | 30 |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | 123 | 150 | | ng/L | | 122 | 60 - 150 | 11 | 30 |
| Perfluorooctanesulfonamide (PFOSA) | 32.0 | 27.0 | | ng/L | | 84 | 70 - 145 | 10 | 30 |
| N-methylperfluorooctane sulfonamide (NMeFOSA) | 32.0 | 31.0 | | ng/L | | 97 | 60 - 150 | 7 | 30 |
| N-ethylperfluorooctane sulfonamide (NEtFOSA) | 32.0 | 32.3 | | ng/L | | 101 | 65 - 145 | 10 | 30 |
| N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 32.0 | 30.4 | | ng/L | | 95 | 50 - 140 | 3 | 30 |
| N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 32.0 | 29.0 | | ng/L | | 91 | 70 - 145 | 5 | 30 |
| N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) | 320 | 321 | | ng/L | | 100 | 70 - 145 | 6 | 30 |
| N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE) | 320 | 316 | | ng/L | | 99 | 70 - 135 | 4 | 30 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | 128 | 135 | | ng/L | | 105 | 70 - 140 | 12 | 30 |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | 121 | 156 | | ng/L | | 129 | 65 - 145 | 8 | 30 |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | 64.0 | 70.2 | | ng/L | | 110 | 55 - 140 | 8 | 30 |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | 64.0 | 60.1 | | ng/L | | 94 | 60 - 150 | 7 | 30 |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | 64.0 | 63.6 | | ng/L | | 99 | 50 - 150 | 9 | 30 |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS) | 120 | 137 | | ng/L | | 115 | 70 - 155 | 3 | 30 |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | 121 | 146 | | ng/L | | 121 | 55 - 160 | 7 | 30 |
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) | 57.1 | 55.8 | | ng/L | | 98 | 70 - 140 | 5 | 30 |
| 3-Perfluoropropylpropanoic acid (3:3 FTCA) | 160 | 169 | | ng/L | | 106 | 65 - 130 | 5 | 30 |
| 3-Perfluoropentylpropanoic acid (5:3 FTCA) | 799 | 851 | | ng/L | | 107 | 70 - 135 | 5 | 30 |
| 3-Perfluoroheptylpropanoic acid (7:3 FTCA) | 799 | 925 | | ng/L | | 116 | 50 - 145 | 4 | 30 |

| Isotope Dilution | LCSD | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 13C4 PFBA | 90.7 | | 5 - 130 |
| 13C5 PFPeA | 96.1 | | 40 - 130 |
| 13C5 PFHxA | 93.8 | | 40 - 130 |
| 13C4 PFHpA | 111 | | 40 - 130 |
| 13C8 PFOA | 88.0 | | 40 - 130 |
| 13C9 PFNA | 103 | | 40 - 130 |
| 13C6 PFDA | 101 | | 40 - 130 |
| 13C7 PFUnA | 99.1 | | 30 - 130 |
| 13C2 PFDoA | 99.9 | | 10 - 130 |
| 13C2 PFTeDA | 86.8 | | 10 - 130 |

Eurofins Albuquerque

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 320-779486/4-A

Matrix: Water

Analysis Batch: 780306

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 779486

| Isotope Dilution | LCSD LCSD | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 13C3 PFHxS | 83.5 | | 40 - 130 |
| 13C8 PFOS | 92.0 | | 40 - 130 |
| 13C8 PFOSA | 88.4 | | 40 - 130 |
| d3-NMeFOSAA | 105 | | 40 - 170 |
| d5-NEtFOSAA | 103 | | 25 - 135 |
| 13C2 4:2 FTS | 81.3 | | 40 - 200 |
| 13C2 6:2 FTS | 97.3 | | 40 - 200 |
| 13C2 8:2 FTS | 86.6 | | 40 - 300 |
| 13C3 HFPO-DA | 91.8 | | 40 - 130 |
| d7-N-MeFOSE-M | 80.2 | | 10 - 130 |
| d9-N-EtFOSE-M | 85.0 | | 10 - 130 |
| d5-NEtPFOSA | 78.0 | | 10 - 130 |
| d3-NMePFOSA | 76.3 | | 10 - 130 |

Lab Sample ID: LLCS 320-779486/2-A

Matrix: Water

Analysis Batch: 780306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 779486

| Analyte | Spike Added | LLCS | LLCS | Unit | D | %Rec | %Rec Limits |
|---|-------------|--------|-----------|------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Perfluorobutanoic acid (PFBA) | 12.8 | 11.9 | | ng/L | | 93 | 70 - 140 |
| Perfluoropentanoic acid (PFPeA) | 6.40 | 5.78 | | ng/L | | 90 | 65 - 135 |
| Perfluorohexanoic acid (PFHxA) | 3.20 | 2.86 | | ng/L | | 89 | 70 - 145 |
| Perfluoroheptanoic acid (PFHpA) | 3.20 | 3.01 | | ng/L | | 94 | 70 - 150 |
| Perfluorooctanoic acid (PFOA) | 3.20 | 2.72 | | ng/L | | 85 | 70 - 150 |
| Perfluorononanoic acid (PFNA) | 3.20 | 3.48 | | ng/L | | 109 | 70 - 150 |
| Perfluorodecanoic acid (PFDA) | 3.20 | 2.99 | | ng/L | | 93 | 70 - 140 |
| Perfluoroundecanoic acid (PFUnA) | 3.20 | 3.09 | | ng/L | | 97 | 70 - 145 |
| Perfluorododecanoic acid (PFDoA) | 3.20 | 2.73 | | ng/L | | 85 | 70 - 140 |
| Perfluorotridecanoic acid (PFTrDA) | 3.20 | 3.56 | | ng/L | | 111 | 65 - 140 |
| Perfluorotetradecanoic acid (PFTeDA) | 3.20 | 3.14 | | ng/L | | 98 | 60 - 140 |
| Perfluoropentanesulfonic acid (PFPeS) | 3.01 | 2.46 | | ng/L | | 82 | 65 - 140 |
| Perfluorohexanesulfonic acid (PFHxS) | 2.92 | 3.02 | | ng/L | | 104 | 65 - 145 |
| Perfluoroheptanesulfonic acid (PFHpS) | 3.05 | 3.07 | | ng/L | | 101 | 70 - 150 |
| Perfluorooctanesulfonic acid (PFOS) | 2.98 | 2.68 | | ng/L | | 90 | 55 - 150 |
| Perfluorononanesulfonic acid (PFNS) | 3.08 | 2.94 | | ng/L | | 96 | 65 - 145 |
| Perfluorodecanesulfonic acid (PFDS) | 3.08 | 2.72 | | ng/L | | 88 | 60 - 145 |
| Perfluorododecanesulfonic acid (PFDoS) | 3.10 | 2.46 | | ng/L | | 79 | 50 - 145 |
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | 12.0 | 13.7 | | ng/L | | 114 | 70 - 145 |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | 12.2 | 11.9 | | ng/L | | 97 | 65 - 155 |

Eurofins Albuquerque

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 320-779486/2-A

Matrix: Water

Analysis Batch: 780306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 779486

| Analyte | Spike | LLCS | LLCS | Unit | D | %Rec | %Rec Limits |
|--|-------|--------|-----------|------|---|------|-------------|
| | Added | Result | Qualifier | | | | |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | 12.3 | 11.9 | | ng/L | | 97 | 60 - 150 |
| Perfluorooctanesulfonamide (PFOSA) | 3.20 | 2.38 | | ng/L | | 74 | 70 - 145 |
| N-methylperfluorooctane sulfonamide (NMeFOSA) | 3.20 | 2.63 | | ng/L | | 82 | 60 - 150 |
| N-ethylperfluorooctane sulfonamide (NEtFOSA) | 3.20 | 2.84 | | ng/L | | 89 | 65 - 145 |
| N-methylperfluorooctanesulfonamide (NMeFOSA) | 3.20 | 3.00 | | ng/L | | 94 | 50 - 140 |
| N-ethylperfluorooctanesulfonamide (NEtFOSA) | 3.20 | 2.44 | | ng/L | | 76 | 70 - 145 |
| N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) | 32.0 | 28.4 | | ng/L | | 89 | 70 - 145 |
| N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE) | 32.0 | 29.1 | | ng/L | | 91 | 70 - 135 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | 12.8 | 11.5 | | ng/L | | 90 | 70 - 140 |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | 12.1 | 13.9 | | ng/L | | 115 | 65 - 145 |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | 6.40 | 6.24 | | ng/L | | 98 | 55 - 140 |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | 6.40 | 5.41 | | ng/L | | 85 | 60 - 150 |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | 6.40 | 5.10 | | ng/L | | 80 | 50 - 150 |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS) | 12.0 | 11.2 | | ng/L | | 94 | 70 - 155 |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | 12.1 | 13.3 | | ng/L | | 110 | 55 - 160 |
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) | 5.71 | 4.89 | | ng/L | | 86 | 70 - 140 |
| 3-Perfluoropropylpropanoic acid (3:3 FTCA) | 16.0 | 15.2 | | ng/L | | 95 | 65 - 130 |
| 3-Perfluoropentylpropanoic acid (5:3 FTCA) | 79.9 | 70.5 | | ng/L | | 88 | 70 - 135 |
| 3-Perfluoroheptylpropanoic acid (7:3 FTCA) | 79.9 | 85.7 | | ng/L | | 107 | 50 - 145 |

| Isotope Dilution | LLCS | LLCS | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 13C4 PFBA | 95.3 | | 5 - 130 |
| 13C5 PFPeA | 100 | | 40 - 130 |
| 13C5 PFHxA | 98.9 | | 40 - 130 |
| 13C4 PFHpA | 113 | | 40 - 130 |
| 13C8 PFOA | 99.9 | | 40 - 130 |
| 13C9 PFNA | 79.9 | | 40 - 130 |
| 13C6 PFDA | 91.0 | | 40 - 130 |
| 13C7 PFUnA | 84.8 | | 30 - 130 |
| 13C2 PFDoA | 85.0 | | 10 - 130 |
| 13C2 PFTeDA | 84.0 | | 10 - 130 |
| 13C3 PFHxS | 87.2 | | 40 - 130 |
| 13C8 PFOS | 98.8 | | 40 - 130 |

Eurofins Albuquerque

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 320-779486/2-A
Matrix: Water
Analysis Batch: 780306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779486

| Isotope Dilution | LLCS LLCS | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 13C8 PFOSA | 99.4 | | 40 - 130 |
| d3-NMeFOSAA | 101 | | 40 - 170 |
| d5-NEtFOSAA | 103 | | 25 - 135 |
| 13C2 4:2 FTS | 80.8 | | 40 - 200 |
| 13C2 6:2 FTS | 106 | | 40 - 200 |
| 13C2 8:2 FTS | 92.8 | | 40 - 300 |
| 13C3 HFPO-DA | 92.4 | | 40 - 130 |
| d7-N-MeFOSE-M | 89.4 | | 10 - 130 |
| d9-N-EtFOSE-M | 91.8 | | 10 - 130 |
| d5-NEtPFOSA | 84.5 | | 10 - 130 |
| d3-NMePFOSA | 85.9 | | 10 - 130 |

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA

Lab Sample ID: MB 320-779486/1-A
Matrix: Water
Analysis Batch: 780601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779486

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) - RA | ND | | 2.0 | 0.50 | ng/L | | 07/15/24 11:26 | 07/17/24 13:53 | 1 |

| Isotope Dilution | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 13C3 PFBS - RA | 82.7 | | 40 - 135 | 07/15/24 11:26 | 07/17/24 13:53 | 1 |

Lab Sample ID: LCS 320-779486/3-A
Matrix: Water
Analysis Batch: 780601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779486

| Analyte | Spike Added | LCS LCS | | Unit | D | %Rec | %Rec Limits |
|--|-------------|---------|-----------|------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Perfluorobutanesulfonic acid (PFBS) - RA | 28.4 | 26.7 | | ng/L | | 94 | 60 - 145 |

| Isotope Dilution | LCS LCS | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 13C3 PFBS - RA | 78.1 | | 40 - 135 |

Lab Sample ID: LCSD 320-779486/4-A
Matrix: Water
Analysis Batch: 780601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 779486

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | |
|--|-------------|-------------|----------------|------|---|------|-------------|-----|-------|
| | | | | | | | | RPD | Limit |
| Perfluorobutanesulfonic acid (PFBS) - RA | 28.4 | 28.9 | | ng/L | | 102 | 60 - 145 | 8 | 30 |

| Isotope Dilution | LCSD LCSD | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 13C3 PFBS - RA | 75.3 | | 40 - 135 |

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA (Continued)

Lab Sample ID: LLCS 320-779486/2-A
 Matrix: Water
 Analysis Batch: 780601

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 779486

| Analyte | Spike Added | LLCS Result | LLCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--|-------------|-------------|----------------|------|---|------|-------------|
| Perfluorobutanesulfonic acid (PFBS) - RA | 2.84 | 2.50 | | ng/L | | 88 | 60 - 145 |

| Isotope Dilution | LLCS %Recovery | LLCS Qualifier | Limits |
|------------------|----------------|----------------|----------|
| 13C3 PFBS - RA | 75.8 | | 40 - 135 |

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Lab Sample ID: MB 320-777390/1-A
 Matrix: Water
 Analysis Batch: 778376

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 777390

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|-----|-----|------|---|----------------|----------------|---------|
| PCB-1 | ND | | 20 | 19 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-2 | ND | | 200 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-3 | ND | | 60 | 48 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-4 | ND | | 40 | 24 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-5 | ND | | 200 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-6 | ND | | 200 | 25 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-7 | ND | | 200 | 18 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-8 | ND | | 200 | 26 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-9 | ND | | 200 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-10 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-11 | ND | | 200 | 150 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-12 | ND | | 400 | 31 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-13 | ND | | 400 | 31 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-14 | ND | | 200 | 70 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-15 | ND | | 40 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-16 | ND | | 200 | 6.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-17 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-18 | ND | | 400 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-19 | ND | | 20 | 9.4 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-20 | ND | | 400 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-21 | ND | | 400 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-22 | ND | | 200 | 7.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-23 | ND | | 200 | 8.0 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-24 | ND | | 200 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-25 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-26 | ND | | 400 | 9.4 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-27 | ND | | 200 | 9.7 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-28 | ND | | 400 | 21 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-29 | ND | | 400 | 9.4 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-30 | ND | | 400 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-31 | ND | | 200 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-32 | ND | | 200 | 9.6 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-33 | ND | | 400 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-34 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-35 | ND | | 200 | 8.1 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-36 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-777390/1-A
 Matrix: Water
 Analysis Batch: 778376

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 777390

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| PCB-37 | ND | | 20 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-38 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-39 | ND | | 200 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-40 | ND | | 400 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-41 | ND | | 200 | 8.4 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-42 | ND | | 200 | 8.2 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-43 | ND | | 200 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-44 | ND | | 600 | 35 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-45 | ND | | 400 | 7.7 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-46 | ND | | 200 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-47 | ND | | 600 | 35 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-48 | ND | | 200 | 9.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-49 | ND | | 400 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-50 | ND | | 400 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-51 | ND | | 400 | 7.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-52 | ND | | 200 | 25 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-53 | ND | | 400 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-54 | ND | | 20 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-55 | ND | | 200 | 7.6 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-56 | ND | | 200 | 6.6 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-57 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-58 | ND | | 200 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-59 | ND | | 600 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-60 | ND | | 200 | 9.5 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-61 | ND | | 800 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-62 | ND | | 600 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-63 | ND | | 200 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-64 | ND | | 200 | 9.4 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-65 | ND | | 600 | 35 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-66 | ND | | 200 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-67 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-68 | ND | | 200 | 9.2 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-69 | ND | | 400 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-70 | ND | | 800 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-71 | ND | | 400 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-72 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-73 | ND | | 200 | 5.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-74 | ND | | 800 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-75 | ND | | 600 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-76 | ND | | 800 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-77 | ND | | 20 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-78 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-79 | ND | | 200 | 8.1 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-80 | ND | | 200 | 8.1 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-81 | ND | | 20 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-82 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-83 | ND | | 400 | 9.4 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-84 | ND | | 200 | 9.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-85 | ND | | 600 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-777390/1-A
Matrix: Water
Analysis Batch: 778376

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 777390

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| PCB-86 | ND | | 1200 | 29 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-87 | ND | | 1200 | 29 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-88 | ND | | 400 | 8.9 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-89 | ND | | 200 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-90 | ND | | 600 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-91 | ND | | 400 | 8.9 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-92 | ND | | 200 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-93 | ND | | 400 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-94 | ND | | 200 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-95 | ND | | 200 | 31 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-96 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-97 | ND | | 1200 | 29 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-98 | ND | | 400 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-99 | ND | | 400 | 8.0 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-100 | ND | | 400 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-101 | ND | | 600 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-102 | ND | | 400 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-103 | ND | | 200 | 8.7 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-104 | ND | | 20 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-105 | ND | | 20 | 9.2 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-106 | ND | | 200 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-107 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-108 | ND | | 400 | 29 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-109 | ND | | 1200 | 5.0 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-110 | ND | | 400 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-111 | ND | | 200 | 8.7 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-112 | ND | | 200 | 6.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-113 | ND | | 600 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-114 | ND | | 20 | 7.7 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-115 | ND | | 400 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-116 | ND | | 600 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-117 | ND | | 600 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-118 | ND | | 20 | 8.9 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-119 | ND | | 1200 | 29 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-120 | ND | | 200 | 5.6 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-121 | ND | | 200 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-122 | ND | | 200 | 8.1 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-123 | ND | | 20 | 9.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-124 | ND | | 400 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-125 | ND | | 1200 | 29 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-126 | ND | | 20 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-127 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-128 | ND | | 400 | 9.9 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-129 | ND | | 800 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-130 | ND | | 200 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-131 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-132 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-133 | ND | | 200 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-134 | ND | | 400 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-777390/1-A
Matrix: Water
Analysis Batch: 778376

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 777390

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| PCB-135 | ND | | 400 | 9.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-136 | ND | | 200 | 6.1 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-137 | ND | | 200 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-138 | ND | | 800 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-139 | ND | | 400 | 9.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-140 | ND | | 400 | 9.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-141 | ND | | 200 | 7.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-142 | ND | | 200 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-143 | ND | | 400 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-144 | ND | | 200 | 6.2 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-145 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-146 | ND | | 200 | 7.2 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-147 | ND | | 400 | 9.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-148 | ND | | 200 | 6.6 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-149 | ND | | 400 | 9.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-150 | ND | | 200 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-151 | ND | | 400 | 9.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-152 | ND | | 200 | 5.5 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-153 | ND | | 400 | 9.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-154 | ND | | 200 | 5.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-155 | ND | | 20 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-156 | ND | | 40 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-157 | ND | | 40 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-158 | ND | | 200 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-159 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-160 | ND | | 800 | 7.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-161 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-162 | ND | | 200 | 9.0 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-163 | ND | | 800 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-164 | ND | | 200 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-165 | ND | | 200 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-166 | ND | | 400 | 9.9 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-167 | ND | | 20 | 7.7 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-168 | ND | | 400 | 9.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-169 | ND | | 20 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-170 | ND | | 200 | 19 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-171 | ND | | 400 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-172 | ND | | 200 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-173 | ND | | 400 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-174 | ND | | 200 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-175 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-176 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-177 | ND | | 200 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-178 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-179 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-180 | ND | | 400 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-181 | ND | | 200 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-182 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-183 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-777390/1-A
 Matrix: Water
 Analysis Batch: 778376

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 777390

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| PCB-184 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-185 | ND | | 200 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-186 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-187 | ND | | 200 | 19 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-188 | ND | | 20 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-189 | ND | | 20 | 16 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-190 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-191 | ND | | 200 | 20 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-192 | ND | | 200 | 17 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-193 | ND | | 400 | 10 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-194 | ND | | 200 | 8.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-195 | ND | | 200 | 18 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-196 | ND | | 200 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-197 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-198 | ND | | 400 | 7.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-199 | ND | | 400 | 7.8 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-200 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-201 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-202 | ND | | 20 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-203 | ND | | 200 | 14 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-204 | ND | | 200 | 13 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-205 | ND | | 20 | 15 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-206 | ND | | 20 | 8.3 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-207 | ND | | 200 | 5.4 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-208 | ND | | 20 | 12 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-209 | ND | | 20 | 11 | pg/L | | 07/08/24 12:40 | 07/12/24 01:41 | 1 |

| Isotope Dilution | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| PCB-1L | 74 | | 15 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-3L | 75 | | 15 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-4L | 68 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-15L | 80 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-19L | 79 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-37L | 77 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-54L | 68 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-77L | 88 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-81L | 89 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-104L | 64 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-105L | 80 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-114L | 77 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-118L | 80 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-123L | 80 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-126L | 84 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-155L | 73 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-156L | 107 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-156L/157L | 107 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-157L | 107 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-167L | 106 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-169L | 110 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-777390/1-A
Matrix: Water
Analysis Batch: 778376

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 777390

| Isotope Dilution | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| PCB-188L | 58 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-189L | 70 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-202L | 61 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-205L | 75 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-206L | 65 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-208L | 60 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-209L | 62 | | 25 - 150 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |

| Surrogate | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|-----------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| PCB-28L | 80 | | 30 - 135 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-111L | 85 | | 30 - 135 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |
| PCB-178L | 98 | | 30 - 135 | 07/08/24 12:40 | 07/12/24 01:41 | 1 |

Lab Sample ID: LCS 320-777390/2-A
Matrix: Water
Analysis Batch: 778376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 777390

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| | | | | | | | |
| PCB-3 | 2000 | 1860 | | pg/L | | 93 | 50 - 150 |
| PCB-4 | 2000 | 1830 | | pg/L | | 91 | 50 - 150 |
| PCB-15 | 2000 | 1710 | | pg/L | | 85 | 50 - 150 |
| PCB-19 | 2000 | 1800 | | pg/L | | 90 | 50 - 150 |
| PCB-37 | 2000 | 1970 | | pg/L | | 98 | 50 - 150 |
| PCB-54 | 2000 | 1790 | | pg/L | | 90 | 50 - 150 |
| PCB-77 | 2000 | 1900 | | pg/L | | 95 | 50 - 150 |
| PCB-81 | 2000 | 1980 | | pg/L | | 99 | 50 - 150 |
| PCB-104 | 2000 | 2340 | | pg/L | | 117 | 50 - 150 |
| PCB-105 | 2000 | 1810 | | pg/L | | 90 | 50 - 150 |
| PCB-114 | 2000 | 2250 | | pg/L | | 113 | 50 - 150 |
| PCB-118 | 2000 | 2020 | | pg/L | | 101 | 50 - 150 |
| PCB-123 | 2000 | 2200 | | pg/L | | 110 | 50 - 150 |
| PCB-126 | 2000 | 2130 | | pg/L | | 106 | 50 - 150 |
| PCB-155 | 2000 | 2520 | | pg/L | | 126 | 50 - 150 |
| PCB-156 | 4000 | 3770 | | pg/L | | 94 | 50 - 150 |
| PCB-157 | 4000 | 3770 | | pg/L | | 94 | 50 - 150 |
| PCB-167 | 2000 | 1930 | | pg/L | | 96 | 50 - 150 |
| PCB-169 | 2000 | 1860 | | pg/L | | 93 | 50 - 150 |
| PCB-188 | 2000 | 1870 | | pg/L | | 94 | 50 - 150 |
| PCB-189 | 2000 | 1910 | | pg/L | | 96 | 50 - 150 |
| PCB-202 | 2000 | 1960 | | pg/L | | 98 | 50 - 150 |
| PCB-205 | 2000 | 1990 | | pg/L | | 100 | 50 - 150 |
| PCB-206 | 2000 | 1830 | | pg/L | | 92 | 50 - 150 |
| PCB-208 | 2000 | 2010 | | pg/L | | 100 | 50 - 150 |
| PCB-209 | 2000 | 1780 | | pg/L | | 89 | 50 - 150 |

| Isotope Dilution | LCS LCS | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| PCB-1L | 74 | | 15 - 140 |

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 320-777390/2-A

Matrix: Water

Analysis Batch: 778376

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 777390

| Isotope Dilution | LCS LCS | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| PCB-3L | 75 | | 15 - 140 |
| PCB-4L | 70 | | 30 - 140 |
| PCB-15L | 81 | | 30 - 140 |
| PCB-19L | 79 | | 30 - 140 |
| PCB-37L | 79 | | 30 - 140 |
| PCB-54L | 69 | | 30 - 140 |
| PCB-77L | 89 | | 30 - 140 |
| PCB-81L | 88 | | 30 - 140 |
| PCB-104L | 68 | | 30 - 140 |
| PCB-105L | 84 | | 30 - 140 |
| PCB-114L | 83 | | 30 - 140 |
| PCB-118L | 82 | | 30 - 140 |
| PCB-123L | 83 | | 30 - 140 |
| PCB-126L | 87 | | 30 - 140 |
| PCB-155L | 81 | | 30 - 140 |
| PCB-156L | 110 | | 30 - 140 |
| PCB-156L/157L | 110 | | 30 - 140 |
| PCB-157L | 110 | | 30 - 140 |
| PCB-167L | 112 | | 30 - 140 |
| PCB-169L | 114 | | 30 - 140 |
| PCB-188L | 60 | | 30 - 140 |
| PCB-189L | 75 | | 30 - 140 |
| PCB-202L | 65 | | 30 - 140 |
| PCB-205L | 77 | | 30 - 140 |
| PCB-206L | 67 | | 30 - 140 |
| PCB-208L | 65 | | 30 - 140 |
| PCB-209L | 68 | | 30 - 140 |

| Surrogate | LCS LCS | | Limits |
|-----------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| PCB-28L | 80 | | 40 - 125 |
| PCB-111L | 82 | | 40 - 125 |
| PCB-178L | 91 | | 40 - 125 |

Lab Sample ID: LCSD 320-777390/3-A

Matrix: Water

Analysis Batch: 778376

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 777390

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec | | RPD | |
|---------|-------------|-------------|----------------|------|---|------|----------|-----|-----|-------|
| | | | | | | | Limits | RPD | RPD | Limit |
| PCB-1 | 2000 | 1890 | | pg/L | | 94 | 50 - 150 | 1 | 50 | |
| PCB-3 | 2000 | 1830 | | pg/L | | 91 | 50 - 150 | 2 | 50 | |
| PCB-4 | 2000 | 1900 | | pg/L | | 95 | 50 - 150 | 4 | 50 | |
| PCB-15 | 2000 | 1680 | | pg/L | | 84 | 50 - 150 | 1 | 50 | |
| PCB-19 | 2000 | 1800 | | pg/L | | 90 | 50 - 150 | 0 | 50 | |
| PCB-37 | 2000 | 1950 | | pg/L | | 98 | 50 - 150 | 1 | 50 | |
| PCB-54 | 2000 | 1880 | | pg/L | | 94 | 50 - 150 | 4 | 50 | |
| PCB-77 | 2000 | 1880 | | pg/L | | 94 | 50 - 150 | 1 | 50 | |
| PCB-81 | 2000 | 2070 | | pg/L | | 103 | 50 - 150 | 4 | 50 | |
| PCB-104 | 2000 | 2370 | | pg/L | | 118 | 50 - 150 | 1 | 50 | |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: LCSD 320-777390/3-A

Matrix: Water

Analysis Batch: 778376

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 777390

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|---------|-------------|-------------|----------------|------|---|------|----------|-----|-----|-------|
| | | | | | | | Limits | RPD | | |
| PCB-105 | 2000 | 1860 | | pg/L | | 93 | 50 - 150 | 3 | 50 | |
| PCB-114 | 2000 | 2140 | | pg/L | | 107 | 50 - 150 | 5 | 50 | |
| PCB-118 | 2000 | 1920 | | pg/L | | 96 | 50 - 150 | 5 | 50 | |
| PCB-123 | 2000 | 2170 | | pg/L | | 108 | 50 - 150 | 1 | 50 | |
| PCB-126 | 2000 | 2080 | | pg/L | | 104 | 50 - 150 | 2 | 50 | |
| PCB-155 | 2000 | 2640 | | pg/L | | 132 | 50 - 150 | 5 | 50 | |
| PCB-156 | 4000 | 3740 | | pg/L | | 94 | 50 - 150 | 1 | 50 | |
| PCB-157 | 4000 | 3740 | | pg/L | | 94 | 50 - 150 | 1 | 50 | |
| PCB-167 | 2000 | 1900 | | pg/L | | 95 | 50 - 150 | 2 | 50 | |
| PCB-169 | 2000 | 1950 | | pg/L | | 97 | 50 - 150 | 5 | 50 | |
| PCB-188 | 2000 | 1910 | | pg/L | | 95 | 50 - 150 | 2 | 50 | |
| PCB-189 | 2000 | 1910 | | pg/L | | 96 | 50 - 150 | 0 | 50 | |
| PCB-202 | 2000 | 1970 | | pg/L | | 98 | 50 - 150 | 0 | 50 | |
| PCB-205 | 2000 | 2080 | | pg/L | | 104 | 50 - 150 | 4 | 50 | |
| PCB-206 | 2000 | 1730 | | pg/L | | 87 | 50 - 150 | 5 | 50 | |
| PCB-208 | 2000 | 2020 | | pg/L | | 101 | 50 - 150 | 1 | 50 | |
| PCB-209 | 2000 | 1800 | | pg/L | | 90 | 50 - 150 | 1 | 50 | |

| Isotope Dilution | LCSD | | Limits |
|------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| PCB-1L | 74 | | 15 - 140 |
| PCB-3L | 77 | | 15 - 140 |
| PCB-4L | 69 | | 30 - 140 |
| PCB-15L | 83 | | 30 - 140 |
| PCB-19L | 81 | | 30 - 140 |
| PCB-37L | 80 | | 30 - 140 |
| PCB-54L | 69 | | 30 - 140 |
| PCB-77L | 92 | | 30 - 140 |
| PCB-81L | 91 | | 30 - 140 |
| PCB-104L | 67 | | 30 - 140 |
| PCB-105L | 86 | | 30 - 140 |
| PCB-114L | 86 | | 30 - 140 |
| PCB-118L | 88 | | 30 - 140 |
| PCB-123L | 85 | | 30 - 140 |
| PCB-126L | 89 | | 30 - 140 |
| PCB-155L | 70 | | 30 - 140 |
| PCB-156L | 104 | | 30 - 140 |
| PCB-156L/157L | 104 | | 30 - 140 |
| PCB-157L | 104 | | 30 - 140 |
| PCB-167L | 104 | | 30 - 140 |
| PCB-169L | 104 | | 30 - 140 |
| PCB-188L | 61 | | 30 - 140 |
| PCB-189L | 76 | | 30 - 140 |
| PCB-202L | 66 | | 30 - 140 |
| PCB-205L | 77 | | 30 - 140 |
| PCB-206L | 70 | | 30 - 140 |
| PCB-208L | 63 | | 30 - 140 |
| PCB-209L | 68 | | 30 - 140 |

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: LCSD 320-777390/3-A
 Matrix: Water
 Analysis Batch: 778376

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 777390

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------|----------------|----------------|----------|
| PCB-28L | 79 | | 40 - 125 |
| PCB-111L | 83 | | 40 - 125 |
| PCB-178L | 91 | | 40 - 125 |

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-8057/14
 Matrix: Water
 Analysis Batch: 8057

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|------|---|------|-------------|
| Calcium | 0.500 | 0.515 | J | mg/L | | 103 | 50 - 150 |
| Magnesium | 0.500 | 0.520 | J | mg/L | | 104 | 50 - 150 |

Lab Sample ID: MRL 885-8191/13
 Matrix: Water
 Analysis Batch: 8191

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|------|---|------|-------------|
| Calcium | 0.500 | 0.548 | J | mg/L | | 110 | 50 - 150 |
| Magnesium | 0.500 | 0.560 | J | mg/L | | 112 | 50 - 150 |

Lab Sample ID: MB 885-7782/1-A
 Matrix: Water
 Analysis Batch: 8057

Client Sample ID: Method Blank
 Prep Type: Total Recoverable
 Prep Batch: 7782

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|-----------|--------------|-----|-------|------|---|----------------|----------------|---------|
| Calcium | ND | | 1.0 | 0.053 | mg/L | | 07/02/24 13:43 | 07/08/24 09:51 | 1 |
| Magnesium | ND | | 1.0 | 0.033 | mg/L | | 07/02/24 13:43 | 07/08/24 09:51 | 1 |

Lab Sample ID: LCS 885-7782/6-A
 Matrix: Water
 Analysis Batch: 8057

Client Sample ID: Lab Control Sample
 Prep Type: Total Recoverable
 Prep Batch: 7782

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|------|---|------|-------------|
| Calcium | 50.0 | 52.5 | | mg/L | | 105 | 85 - 115 |
| Magnesium | 50.0 | 51.7 | | mg/L | | 103 | 85 - 115 |

Lab Sample ID: LLCS 885-7782/5-A
 Matrix: Water
 Analysis Batch: 8057

Client Sample ID: Lab Control Sample
 Prep Type: Total Recoverable
 Prep Batch: 7782

| Analyte | Spike Added | LLCS Result | LLCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|-------------|-------------|----------------|------|---|------|-------------|
| Calcium | 0.500 | 0.524 | J | mg/L | | 105 | 50 - 150 |
| Magnesium | 0.500 | 0.511 | J | mg/L | | 102 | 50 - 150 |

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 160-670850/1-A
Matrix: Water
Analysis Batch: 671639

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 670850

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|-----|------|------|---|----------------|----------------|---------|
| Uranium | ND | | 1.0 | 0.15 | ug/L | | 07/16/24 15:34 | 07/19/24 14:22 | 2 |

Lab Sample ID: LCS 160-670850/2-A
Matrix: Water
Analysis Batch: 671639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 670850

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Uranium | 1000 | 963 | | ug/L | | 96 | 85 - 115 |

Lab Sample ID: 885-7077-1 MS
Matrix: Water
Analysis Batch: 671639

Client Sample ID: RG-North20240626
Prep Type: Total/NA
Prep Batch: 670850

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Uranium | 1.5 | | 1000 | 993 | | ug/L | | 99 | 70 - 130 |

Lab Sample ID: 885-7077-1 MSD
Matrix: Water
Analysis Batch: 671639

Client Sample ID: RG-North20240626
Prep Type: Total/NA
Prep Batch: 670850

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Uranium | 1.5 | | 1000 | 994 | | ug/L | | 99 | 70 - 130 | 0 | 20 |

Lab Sample ID: 885-7077-2 MS
Matrix: Water
Analysis Batch: 671639

Client Sample ID: RG-South20240627
Prep Type: Total/NA
Prep Batch: 670850

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Uranium | 1.6 | | 1000 | 1020 | | ug/L | | 101 | 70 - 130 |

Lab Sample ID: 885-7077-2 MSD
Matrix: Water
Analysis Batch: 671639

Client Sample ID: RG-South20240627
Prep Type: Total/NA
Prep Batch: 670850

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Uranium | 1.6 | | 1000 | 1010 | | ug/L | | 100 | 70 - 130 | 1 | 20 |

Lab Sample ID: MB 885-8085/19
Matrix: Water
Analysis Batch: 8085

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|---------|----------|------|---|----------|----------------|---------|
| Copper | ND | | 0.00050 | 0.00012 | mg/L | | | 07/09/24 09:56 | 1 |
| Lead | ND | | 0.00050 | 0.000083 | mg/L | | | 07/09/24 09:56 | 1 |

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 885-8085/20
 Matrix: Water
 Analysis Batch: 8085

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Copper | 0.0250 | 0.0242 | | mg/L | | 97 | 85 - 115 |
| Lead | 0.0125 | 0.0125 | | mg/L | | 100 | 85 - 115 |

Lab Sample ID: MRL 885-8085/17
 Matrix: Water
 Analysis Batch: 8085

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Lead | 0.000500 | 0.000507 | | mg/L | | 101 | 50 - 150 |

Lab Sample ID: MRL 885-8085/18
 Matrix: Water
 Analysis Batch: 8085

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Copper | 0.000500 | 0.000476 | J | mg/L | | 95 | 50 - 150 |

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 885-7985/1
 Matrix: Water
 Analysis Batch: 7985

Client Sample ID: Method Blank
 Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| HEM (Oil & Grease) | ND | | 5.0 | 4.5 | mg/L | | | 07/08/24 09:19 | 1 |

Lab Sample ID: LCS 885-7985/2
 Matrix: Water
 Analysis Batch: 7985

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------|-------------|------------|---------------|------|---|------|-------------|
| HEM (Oil & Grease) | 40.0 | 33.2 | | mg/L | | 83 | 78 - 114 |

Lab Sample ID: LCSD 885-7985/3
 Matrix: Water
 Analysis Batch: 7985

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| HEM (Oil & Grease) | 40.0 | 36.2 | | mg/L | | 91 | 78 - 114 | 9 | 20 |

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-7815/1
 Matrix: Water
 Analysis Batch: 7815

Client Sample ID: Method Blank
 Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | ND | | 50 | 25 | mg/L | | | 07/02/24 14:21 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 885-7815/2
 Matrix: Water
 Analysis Batch: 7815

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Dissolved Solids | 1000 | 1020 | | mg/L | | 102 | 80 - 120 |

Lab Sample ID: MB 885-7881/1
 Matrix: Water
 Analysis Batch: 7881

Client Sample ID: Method Blank
 Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | ND | | 50 | 25 | mg/L | | | 07/03/24 12:52 | 1 |

Lab Sample ID: LCS 885-7881/2
 Matrix: Water
 Analysis Batch: 7881

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Dissolved Solids | 1000 | 999 | | mg/L | | 100 | 80 - 120 |

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-8010/3-A
 Matrix: Water
 Analysis Batch: 8585

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 8010

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| Nitrogen, Total Kjeldahl | ND | | 0.50 | 0.50 | mg/L | | 07/08/24 11:40 | 07/09/24 12:26 | 1 |

Lab Sample ID: LCS 885-8010/5-A
 Matrix: Water
 Analysis Batch: 8585

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 8010

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|------|---|------|-------------|
| Nitrogen, Total Kjeldahl | 10.0 | 10.4 | | mg/L | | 104 | 90 - 110 |

Lab Sample ID: LLCS 885-8010/4-A
 Matrix: Water
 Analysis Batch: 8585

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 8010

| Analyte | Spike Added | LLCS Result | LLCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------|-------------|-------------|----------------|------|---|------|-------------|
| Nitrogen, Total Kjeldahl | 0.500 | 0.623 | | mg/L | | 125 | 50 - 150 |

Method: 365.1 - Phosphorus, Total

Lab Sample ID: MB 885-8218/1-A
 Matrix: Water
 Analysis Batch: 8500

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 8218

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| Total Phosphorus as P | ND | | 0.050 | 0.050 | mg/L | | 07/11/24 08:30 | 07/16/24 09:23 | 1 |

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QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 365.1 - Phosphorus, Total (Continued)

Lab Sample ID: LCS 885-8218/2-A
 Matrix: Water
 Analysis Batch: 8500

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 8218

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Phosphorus as P | 0.250 | 0.239 | | mg/L | | 95 | 90 - 110 |

Lab Sample ID: MRL 885-8218/7-A
 Matrix: Water
 Analysis Batch: 8500

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 8218

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Phosphorus as P | 0.0500 | 0.0529 | | mg/L | | 106 | 50 - 150 |

Method: 5220D - COD

Lab Sample ID: MB 885-8084/4
 Matrix: Water
 Analysis Batch: 8084

Client Sample ID: Method Blank
 Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|----|-----|------|---|----------|----------------|---------|
| Chemical Oxygen Demand | ND | | 50 | 50 | mg/L | | | 07/09/24 14:14 | 1 |

Lab Sample ID: LCS 885-8084/5
 Matrix: Water
 Analysis Batch: 8084

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Chemical Oxygen Demand | 500 | 511 | | mg/L | | 102 | 90 - 110 |

Lab Sample ID: MRL 885-8084/6
 Matrix: Water
 Analysis Batch: 8084

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Chemical Oxygen Demand | 50.0 | 62.6 | | mg/L | | 125 | 50 - 150 |

Lab Sample ID: MB 885-9076/4
 Matrix: Water
 Analysis Batch: 9076

Client Sample ID: Method Blank
 Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|----|-----|------|---|----------|----------------|---------|
| Chemical Oxygen Demand | ND | | 50 | 50 | mg/L | | | 07/23/24 14:19 | 1 |

Lab Sample ID: LCS 885-9076/5
 Matrix: Water
 Analysis Batch: 9076

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Chemical Oxygen Demand | 500 | 520 | | mg/L | | 104 | 90 - 110 |

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 5220D - COD (Continued)

Lab Sample ID: MRL 885-9076/6
 Matrix: Water
 Analysis Batch: 9076

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Chemical Oxygen Demand | 50.0 | 60.5 | | mg/L | | 121 | 50 - 150 |

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 885-7827/1
 Matrix: Water
 Analysis Batch: 7827

Client Sample ID: Method Blank
 Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Total Suspended Solids | ND | | 4.0 | 4.0 | mg/L | | | 07/02/24 16:35 | 1 |

Lab Sample ID: LCSSRM 885-7827/2
 Matrix: Water
 Analysis Batch: 7827

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|---------------|------------------|------|---|-------|--------------|
| Total Suspended Solids | 100 | 104 | | mg/L | | 104.0 | 77.1 - 110.0 |

Method: SM 4500 H+ B - pH

Lab Sample ID: 885-7077-2 DU
 Matrix: Water
 Analysis Batch: 8154

Client Sample ID: RG-South20240627
 Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| pH | 8.2 | HF | 8.2 | | SU | | 0 | 20 |

Method: SM5210B - BOD, 5 Day

Lab Sample ID: USB 885-7579/1
 Matrix: Water
 Analysis Batch: 7579

Client Sample ID: Method Blank
 Prep Type: Total/NA

| Analyte | USB Result | USB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|---------------|-----|-----|------|---|----------|----------------|---------|
| Biochemical Oxygen Demand | ND | *- | 2.0 | 2.0 | mg/L | | | 06/28/24 11:05 | 1 |

Lab Sample ID: LCS 885-7579/2
 Matrix: Water
 Analysis Batch: 7579

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------|-------------|------------|---------------|------|---|------|-------------|
| Biochemical Oxygen Demand | 198 | 136 | *- | mg/L | | 69 | 85 - 115 |

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-669229/1-A
Matrix: Water
Analysis Batch: 671234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 669229

| Analyte | MB | MB | Count | Total | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|-------------|---------|-----------|---------|---------|------|-------|-------|----------------|----------------|---------|
| | Result | Qualifier | Uncert. | Uncert. | | | | | | |
| Gross Alpha | 0.05317 | U | 0.636 | 0.636 | 3.00 | 1.19 | pCi/L | 07/03/24 08:58 | 07/18/24 17:23 | 1 |
| Gross Beta | 0.3346 | U | 0.541 | 0.542 | 4.00 | 0.910 | pCi/L | 07/03/24 08:58 | 07/18/24 17:23 | 1 |

Lab Sample ID: LCS 160-669229/2-A
Matrix: Water
Analysis Batch: 671234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669229

| Analyte | Spike Added | LCS | LCS | Total | RL | MDC | Unit | %Rec | %Rec |
|-------------|-------------|--------|------|---------|------|------|-------|------|----------|
| | | Result | Qual | Uncert. | | | | | |
| Gross Alpha | 49.5 | 51.70 | | 7.58 | 3.00 | 1.87 | pCi/L | 104 | 75 - 125 |

Lab Sample ID: LCSB 160-669229/3-A
Matrix: Water
Analysis Batch: 671234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669229

| Analyte | Spike Added | LCSB | LCSB | Total | RL | MDC | Unit | %Rec | %Rec |
|------------|-------------|--------|------|---------|------|-------|-------|------|----------|
| | | Result | Qual | Uncert. | | | | | |
| Gross Beta | 71.2 | 68.60 | | 7.38 | 4.00 | 0.769 | pCi/L | 96 | 75 - 125 |

Lab Sample ID: 885-7077-2 MS
Matrix: Water
Analysis Batch: 671234

Client Sample ID: RG-South20240627
Prep Type: Total/NA
Prep Batch: 669229

| Analyte | Sample | Sample | Spike Added | MS | MS | Total | RL | MDC | Unit | %Rec | %Rec |
|-------------|--------|--------|-------------|--------|------|---------|------|------|-------|------|----------|
| | Result | Qual | | Result | Qual | Uncert. | | | | | |
| Gross Alpha | 4.84 | G | 109 | 112.0 | | 16.8 | 3.00 | 5.42 | pCi/L | 98 | 60 - 140 |

Lab Sample ID: 885-7077-2 MSBT
Matrix: Water
Analysis Batch: 671234

Client Sample ID: RG-South20240627
Prep Type: Total/NA
Prep Batch: 669229

| Analyte | Sample | Sample | Spike Added | MSBT | MSBT | Total | RL | MDC | Unit | %Rec | %Rec |
|------------|--------|--------|-------------|--------|------|---------|------|------|-------|------|----------|
| | Result | Qual | | Result | Qual | Uncert. | | | | | |
| Gross Beta | 7.45 | | 156 | 165.5 | | 17.7 | 4.00 | 2.22 | pCi/L | 101 | 60 - 140 |

Lab Sample ID: 885-7077-2 DU
Matrix: Water
Analysis Batch: 671234

Client Sample ID: RG-South20240627
Prep Type: Total/NA
Prep Batch: 669229

| Analyte | Sample | Sample | DU | DU | Total | RL | MDC | Unit | RER | Limit |
|-------------|--------|--------|-------|--------|-------|------|------|-------|------|-------|
| | Result | Qual | | Result | Qual | | | | | |
| Gross Alpha | 4.84 | G | 3.147 | U G | 3.06 | 3.00 | 4.81 | pCi/L | 0.27 | 1 |
| Gross Beta | 7.45 | | 8.810 | | 2.12 | 4.00 | 2.25 | pCi/L | 0.34 | 1 |

QC Sample Results

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-7077-1

Method: 9223B - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Lab Sample ID: MB 885-7536/1

Matrix: Water

Analysis Batch: 7536

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------|--------------|-----------------|-----|-----|-----------|---|----------|----------------|---------|
| Escherichia coli | ND | | 1.0 | 1.0 | MPN/100mL | | | 06/27/24 17:12 | 1 |

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- 2
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QC Association Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-7077-1

GC/MS VOA

Analysis Batch: 169234

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 624.1 | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 624.1 | |
| MB 860-169234/9 | Method Blank | Total/NA | Water | 624.1 | |
| LCS 860-169234/3 | Lab Control Sample | Total/NA | Water | 624.1 | |
| LCSD 860-169234/4 | Lab Control Sample Dup | Total/NA | Water | 624.1 | |

GC/MS Semi VOA

Prep Batch: 169191

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 3511 | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 3511 | |

Analysis Batch: 169359

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 625.1 | 169191 |

Analysis Batch: 169694

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 625.1 | 169191 |

GC Semi VOA

Prep Batch: 169312

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 3511 | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 3511 | |
| MB 860-169312/1-A | Method Blank | Total/NA | Water | 3511 | |
| LCS 860-169312/2-A | Lab Control Sample | Total/NA | Water | 3511 | |
| LCSD 860-169312/3-A | Lab Control Sample Dup | Total/NA | Water | 3511 | |

Analysis Batch: 169369

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 608.3 | 169312 |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 608.3 | 169312 |
| MB 860-169312/1-A | Method Blank | Total/NA | Water | 608.3 | 169312 |
| LCS 860-169312/2-A | Lab Control Sample | Total/NA | Water | 608.3 | 169312 |
| LCSD 860-169312/3-A | Lab Control Sample Dup | Total/NA | Water | 608.3 | 169312 |

Prep Batch: 169461

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 3510C | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 3510C | |
| MB 860-169461/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 860-169461/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 860-169461/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |

Analysis Batch: 169649

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|----------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 8081B_LL | 169461 |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 8081B_LL | 169461 |
| MB 860-169461/1-A | Method Blank | Total/NA | Water | 8081B_LL | 169461 |

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QC Association Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-7077-1

GC Semi VOA (Continued)

Analysis Batch: 169649 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| LCS 860-169461/2-A | Lab Control Sample | Total/NA | Water | 8081B_LL | 169461 |
| LCSD 860-169461/3-A | Lab Control Sample Dup | Total/NA | Water | 8081B_LL | 169461 |

Prep Batch: 169818

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 3511 | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 3511 | |
| MB 860-169818/1-A | Method Blank | Total/NA | Water | 3511 | |
| LCS 860-169818/2-A | Lab Control Sample | Total/NA | Water | 3511 | |
| LCSD 860-169818/3-A | Lab Control Sample Dup | Total/NA | Water | 3511 | |

Analysis Batch: 169920

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 860-169818/1-A | Method Blank | Total/NA | Water | 608.3 | 169818 |
| LCS 860-169818/2-A | Lab Control Sample | Total/NA | Water | 608.3 | 169818 |
| LCSD 860-169818/3-A | Lab Control Sample Dup | Total/NA | Water | 608.3 | 169818 |

Analysis Batch: 170091

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 608.3 | 169818 |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 608.3 | 169818 |

HPLC/IC

Analysis Batch: 7687

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 300.0 | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 300.0 | |
| MB 885-7687/10 | Method Blank | Total/NA | Water | 300.0 | |
| MB 885-7687/58 | Method Blank | Total/NA | Water | 300.0 | |
| LCS 885-7687/11 | Lab Control Sample | Total/NA | Water | 300.0 | |
| LCS 885-7687/59 | Lab Control Sample | Total/NA | Water | 300.0 | |
| MRL 885-7687/9 | Lab Control Sample | Total/NA | Water | 300.0 | |

LCMS

Prep Batch: 779486

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 1633 | |
| 885-7077-1 - RA | RG-North20240626 | Total/NA | Water | 1633 | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 1633 | |
| 885-7077-2 - RA | RG-South20240627 | Total/NA | Water | 1633 | |
| 885-7077-3 - RA | EB-20240627 | Total/NA | Water | 1633 | |
| 885-7077-3 | EB-20240627 | Total/NA | Water | 1633 | |
| MB 320-779486/1-A | Method Blank | Total/NA | Water | 1633 | |
| MB 320-779486/1-A - RA | Method Blank | Total/NA | Water | 1633 | |
| LCS 320-779486/3-A - RA | Lab Control Sample | Total/NA | Water | 1633 | |
| LCS 320-779486/3-A | Lab Control Sample | Total/NA | Water | 1633 | |
| LCSD 320-779486/4-A - RA | Lab Control Sample Dup | Total/NA | Water | 1633 | |
| LCSD 320-779486/4-A | Lab Control Sample Dup | Total/NA | Water | 1633 | |
| LLCS 320-779486/2-A - RA | Lab Control Sample | Total/NA | Water | 1633 | |
| LLCS 320-779486/2-A | Lab Control Sample | Total/NA | Water | 1633 | |

Eurofins Albuquerque

QC Association Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-7077-1

LCMS

Analysis Batch: 780306

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | Draft-4 1633 | 779486 |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | Draft-4 1633 | 779486 |
| 885-7077-3 | EB-20240627 | Total/NA | Water | Draft-4 1633 | 779486 |
| MB 320-779486/1-A | Method Blank | Total/NA | Water | Draft-4 1633 | 779486 |
| LCS 320-779486/3-A | Lab Control Sample | Total/NA | Water | Draft-4 1633 | 779486 |
| LCSD 320-779486/4-A | Lab Control Sample Dup | Total/NA | Water | Draft-4 1633 | 779486 |
| LLCS 320-779486/2-A | Lab Control Sample | Total/NA | Water | Draft-4 1633 | 779486 |

Analysis Batch: 780601

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------------|------------|
| 885-7077-1 - RA | RG-North20240626 | Total/NA | Water | Draft-4 1633 | 779486 |
| 885-7077-2 - RA | RG-South20240627 | Total/NA | Water | Draft-4 1633 | 779486 |
| 885-7077-3 - RA | EB-20240627 | Total/NA | Water | Draft-4 1633 | 779486 |
| MB 320-779486/1-A - RA | Method Blank | Total/NA | Water | Draft-4 1633 | 779486 |
| LCS 320-779486/3-A - RA | Lab Control Sample | Total/NA | Water | Draft-4 1633 | 779486 |
| LCSD 320-779486/4-A - RA | Lab Control Sample Dup | Total/NA | Water | Draft-4 1633 | 779486 |
| LLCS 320-779486/2-A - RA | Lab Control Sample | Total/NA | Water | Draft-4 1633 | 779486 |

Specialty Organics

Prep Batch: 777390

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | HRMS-Sep | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | HRMS-Sep | |
| MB 320-777390/1-A | Method Blank | Total/NA | Water | HRMS-Sep | |
| LCS 320-777390/2-A | Lab Control Sample | Total/NA | Water | HRMS-Sep | |
| LCSD 320-777390/3-A | Lab Control Sample Dup | Total/NA | Water | HRMS-Sep | |

Analysis Batch: 778376

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 1668A | 777390 |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 1668A | 777390 |
| MB 320-777390/1-A | Method Blank | Total/NA | Water | 1668A | 777390 |
| LCS 320-777390/2-A | Lab Control Sample | Total/NA | Water | 1668A | 777390 |
| LCSD 320-777390/3-A | Lab Control Sample Dup | Total/NA | Water | 1668A | 777390 |

Metals

Prep Batch: 7782

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-------------------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total Recoverable | Water | 200.2 | |
| 885-7077-2 | RG-South20240627 | Total Recoverable | Water | 200.2 | |
| MB 885-7782/1-A | Method Blank | Total Recoverable | Water | 200.2 | |
| LCS 885-7782/6-A | Lab Control Sample | Total Recoverable | Water | 200.2 | |
| LLCS 885-7782/5-A | Lab Control Sample | Total Recoverable | Water | 200.2 | |

Analysis Batch: 8057

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-------------------|--------|---------------|------------|
| 885-7077-1 | RG-North20240626 | Total Recoverable | Water | 200.7 Rev 4.4 | 7782 |
| 885-7077-2 | RG-South20240627 | Total Recoverable | Water | 200.7 Rev 4.4 | 7782 |
| MB 885-7782/1-A | Method Blank | Total Recoverable | Water | 200.7 Rev 4.4 | 7782 |
| LCS 885-7782/6-A | Lab Control Sample | Total Recoverable | Water | 200.7 Rev 4.4 | 7782 |

Eurofins Albuquerque

QC Association Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Metals (Continued)

Analysis Batch: 8057 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-------------------|--------|---------------|------------|
| LLCS 885-7782/5-A | Lab Control Sample | Total Recoverable | Water | 200.7 Rev 4.4 | 7782 |
| MRL 885-8057/14 | Lab Control Sample | Total/NA | Water | 200.7 Rev 4.4 | |

Analysis Batch: 8085

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Dissolved | Water | 200.8 | |
| 885-7077-2 | RG-South20240627 | Dissolved | Water | 200.8 | |
| MB 885-8085/19 | Method Blank | Total/NA | Water | 200.8 | |
| LCS 885-8085/20 | Lab Control Sample | Total/NA | Water | 200.8 | |
| MRL 885-8085/17 | Lab Control Sample | Total/NA | Water | 200.8 | |
| MRL 885-8085/18 | Lab Control Sample | Total/NA | Water | 200.8 | |

Analysis Batch: 8100

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-------------------|--------|----------|------------|
| 885-7077-1 | RG-North20240626 | Total Recoverable | Water | SM 2340B | |
| 885-7077-2 | RG-South20240627 | Total Recoverable | Water | SM 2340B | |

Analysis Batch: 8191

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-------------------|--------|---------------|------------|
| 885-7077-1 | RG-North20240626 | Total Recoverable | Water | 200.7 Rev 4.4 | 7782 |
| 885-7077-2 | RG-South20240627 | Total Recoverable | Water | 200.7 Rev 4.4 | 7782 |
| MRL 885-8191/13 | Lab Control Sample | Total/NA | Water | 200.7 Rev 4.4 | |

Prep Batch: 670850

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|-------------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 200.7/200.8 | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 200.7/200.8 | |
| MB 160-670850/1-A | Method Blank | Total/NA | Water | 200.7/200.8 | |
| LCS 160-670850/2-A | Lab Control Sample | Total/NA | Water | 200.7/200.8 | |
| 885-7077-1 MS | RG-North20240626 | Total/NA | Water | 200.7/200.8 | |
| 885-7077-1 MSD | RG-North20240626 | Total/NA | Water | 200.7/200.8 | |
| 885-7077-2 MS | RG-South20240627 | Total/NA | Water | 200.7/200.8 | |
| 885-7077-2 MSD | RG-South20240627 | Total/NA | Water | 200.7/200.8 | |

Analysis Batch: 671639

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 200.8 | 670850 |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 200.8 | 670850 |
| MB 160-670850/1-A | Method Blank | Total/NA | Water | 200.8 | 670850 |
| LCS 160-670850/2-A | Lab Control Sample | Total/NA | Water | 200.8 | 670850 |
| 885-7077-1 MS | RG-North20240626 | Total/NA | Water | 200.8 | 670850 |
| 885-7077-1 MSD | RG-North20240626 | Total/NA | Water | 200.8 | 670850 |
| 885-7077-2 MS | RG-South20240627 | Total/NA | Water | 200.8 | 670850 |
| 885-7077-2 MSD | RG-South20240627 | Total/NA | Water | 200.8 | 670850 |

General Chemistry

Analysis Batch: 7579

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | SM5210B | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | SM5210B | |

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QC Association Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

General Chemistry (Continued)

Analysis Batch: 7579 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|---------|------------|
| USB 885-7579/1 | Method Blank | Total/NA | Water | SM5210B | |
| LCS 885-7579/2 | Lab Control Sample | Total/NA | Water | SM5210B | |

Analysis Batch: 7815

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 2540C | |
| MB 885-7815/1 | Method Blank | Total/NA | Water | 2540C | |
| LCS 885-7815/2 | Lab Control Sample | Total/NA | Water | 2540C | |

Analysis Batch: 7827

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | SM 2540D | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | SM 2540D | |
| MB 885-7827/1 | Method Blank | Total/NA | Water | SM 2540D | |
| LCSSRM 885-7827/2 | Lab Control Sample | Total/NA | Water | SM 2540D | |

Analysis Batch: 7881

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 2540C | |
| MB 885-7881/1 | Method Blank | Total/NA | Water | 2540C | |
| LCS 885-7881/2 | Lab Control Sample | Total/NA | Water | 2540C | |

Analysis Batch: 7985

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 1664B | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 1664B | |
| MB 885-7985/1 | Method Blank | Total/NA | Water | 1664B | |
| LCS 885-7985/2 | Lab Control Sample | Total/NA | Water | 1664B | |
| LCSD 885-7985/3 | Lab Control Sample Dup | Total/NA | Water | 1664B | |

Prep Batch: 8010

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 351.2 | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 351.2 | |
| MB 885-8010/3-A | Method Blank | Total/NA | Water | 351.2 | |
| LCS 885-8010/5-A | Lab Control Sample | Total/NA | Water | 351.2 | |
| LLCS 885-8010/4-A | Lab Control Sample | Total/NA | Water | 351.2 | |

Analysis Batch: 8084

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 5220D | |
| MB 885-8084/4 | Method Blank | Total/NA | Water | 5220D | |
| LCS 885-8084/5 | Lab Control Sample | Total/NA | Water | 5220D | |
| MRL 885-8084/6 | Lab Control Sample | Total/NA | Water | 5220D | |

Analysis Batch: 8154

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | SM 4500 H+ B | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | SM 4500 H+ B | |
| 885-7077-2 DU | RG-South20240627 | Total/NA | Water | SM 4500 H+ B | |

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QC Association Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-7077-1

General Chemistry

Prep Batch: 8218

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|-----------------|------------|
| 885-7077-1 | RG-North20240626 | Dissolved | Water | 365.2/365.3/365 | |
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 365.2/365.3/365 | |
| 885-7077-2 | RG-South20240627 | Dissolved | Water | 365.2/365.3/365 | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 365.2/365.3/365 | |
| MB 885-8218/1-A | Method Blank | Total/NA | Water | 365.2/365.3/365 | |
| LCS 885-8218/2-A | Lab Control Sample | Total/NA | Water | 365.2/365.3/365 | |
| MRL 885-8218/7-A | Lab Control Sample | Total/NA | Water | 365.2/365.3/365 | |

Analysis Batch: 8500

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Dissolved | Water | 365.1 | 8218 |
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 365.1 | 8218 |
| 885-7077-2 | RG-South20240627 | Dissolved | Water | 365.1 | 8218 |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 365.1 | 8218 |
| MB 885-8218/1-A | Method Blank | Total/NA | Water | 365.1 | 8218 |
| LCS 885-8218/2-A | Lab Control Sample | Total/NA | Water | 365.1 | 8218 |
| MRL 885-8218/7-A | Lab Control Sample | Total/NA | Water | 365.1 | 8218 |

Analysis Batch: 8585

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | 351.2 | 8010 |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 351.2 | 8010 |
| MB 885-8010/3-A | Method Blank | Total/NA | Water | 351.2 | 8010 |
| LCS 885-8010/5-A | Lab Control Sample | Total/NA | Water | 351.2 | 8010 |
| LLCS 885-8010/4-A | Lab Control Sample | Total/NA | Water | 351.2 | 8010 |

Analysis Batch: 9076

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 5220D | |
| MB 885-9076/4 | Method Blank | Total/NA | Water | 5220D | |
| LCS 885-9076/5 | Lab Control Sample | Total/NA | Water | 5220D | |
| MRL 885-9076/6 | Lab Control Sample | Total/NA | Water | 5220D | |

Rad

Prep Batch: 669229

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|-------------|------------|
| 885-7077-1 | RG-North20240626 | Total/NA | Water | Evaporation | |
| 885-7077-2 | RG-South20240627 | Total/NA | Water | Evaporation | |
| MB 160-669229/1-A | Method Blank | Total/NA | Water | Evaporation | |
| LCS 160-669229/2-A | Lab Control Sample | Total/NA | Water | Evaporation | |
| LCSB 160-669229/3-A | Lab Control Sample | Total/NA | Water | Evaporation | |
| 885-7077-2 MS | RG-South20240627 | Total/NA | Water | Evaporation | |
| 885-7077-2 MSBT | RG-South20240627 | Total/NA | Water | Evaporation | |
| 885-7077-2 DU | RG-South20240627 | Total/NA | Water | Evaporation | |

Biology

Analysis Batch: 7536

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-7077-2 | RG-South20240627 | Total/NA | Water | 9223B | |
| MB 885-7536/1 | Method Blank | Total/NA | Water | 9223B | |

Eurofins Albuquerque

Lab Chronicle

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-North20240626

Lab Sample ID: 885-7077-1

Date Collected: 06/26/24 15:05

Matrix: Water

Date Received: 06/27/24 14:37

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab | Prepared or Analyzed |
|-------------------|------------|-----------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA | Analysis | 624.1 | | 1 | 169234 | NA | EET HOU | 07/03/24 02:47 |
| Total/NA | Prep | 3511 | | | 169191 | DR | EET HOU | 07/02/24 12:40 |
| Total/NA | Analysis | 625.1 | | 1 | 169359 | PXS | EET HOU | 07/03/24 19:01 |
| Total/NA | Prep | 3511 | | | 169312 | DS | EET HOU | 07/02/24 22:42 |
| Total/NA | Analysis | 608.3 | | 1 | 169369 | WP | EET HOU | 07/03/24 14:47 |
| Total/NA | Prep | 3511 | | | 169818 | DS | EET HOU | 07/05/24 21:47 |
| Total/NA | Analysis | 608.3 | | 1 | 170091 | WP | EET HOU | 07/14/24 13:40 |
| Total/NA | Prep | 3510C | | | 169461 | BH | EET HOU | 07/03/24 13:50 |
| Total/NA | Analysis | 8081B_LL | | 1 | 169649 | WP | EET HOU | 07/05/24 11:41 |
| Total/NA | Analysis | 300.0 | | 1 | 7687 | JT | EET ALB | 06/28/24 11:40 |
| Total/NA | Prep | 1633 | | | 779486 | ATB | EET SAC | 07/15/24 11:26 |
| Total/NA | Analysis | Draft-4 1633 | | 1 | 780306 | SS | EET SAC | 07/16/24 19:22 |
| Total/NA | Prep | 1633 | RA | | 779486 | ATB | EET SAC | 07/15/24 11:26 |
| Total/NA | Analysis | Draft-4 1633 | RA | 1 | 780601 | SS | EET SAC | 07/17/24 15:03 |
| Total/NA | Prep | HRMS-Sep | | | 777390 | BLR | EET SAC | 07/08/24 12:40 |
| Total/NA | Analysis | 1668A | | 1 | 778376 | KT | EET SAC | 07/12/24 04:49 |
| Total Recoverable | Prep | 200.2 | | | 7782 | TM | EET ALB | 07/02/24 13:43 |
| Total Recoverable | Analysis | 200.7 Rev 4.4 | | 1 | 8057 | JR | EET ALB | 07/08/24 12:07 |
| Total Recoverable | Prep | 200.2 | | | 7782 | TM | EET ALB | 07/02/24 13:43 |
| Total Recoverable | Analysis | 200.7 Rev 4.4 | | 1 | 8191 | JR | EET ALB | 07/10/24 15:01 |
| Dissolved | Analysis | 200.8 | | 1 | 8085 | ES | EET ALB | 07/09/24 10:31 |
| Total/NA | Prep | 200.7/200.8 | | | 670850 | JSM | EET SL | 07/16/24 15:34 |
| Total/NA | Analysis | 200.8 | | 2 | 671639 | CGB | EET SL | 07/19/24 14:39 |
| Total Recoverable | Analysis | SM 2340B | | 1 | 8100 | JF | EET ALB | 07/09/24 15:25 |
| Total/NA | Analysis | 1664B | | 1 | 7985 | CO | EET ALB | 07/08/24 09:19 |
| Total/NA | Analysis | 2540C | | 1 | 7815 | KB | EET ALB | 07/02/24 14:21 |
| Total/NA | Prep | 351.2 | | | 8010 | DL | EET ALB | 07/08/24 11:40 |
| Total/NA | Analysis | 351.2 | | 1 | 8585 | DL | EET ALB | 07/09/24 13:01 |
| Dissolved | Prep | 365.2/365.3/365 | | | 8218 | ES | EET ALB | 07/11/24 08:30 |
| Dissolved | Analysis | 365.1 | | 1 | 8500 | ES | EET ALB | 07/16/24 09:32 |
| Total/NA | Prep | 365.2/365.3/365 | | | 8218 | ES | EET ALB | 07/11/24 08:30 |
| Total/NA | Analysis | 365.1 | | 1 | 8500 | ES | EET ALB | 07/16/24 09:30 |
| Total/NA | Analysis | 5220D | | 1 | 8084 | KH | EET ALB | 07/09/24 14:14 |
| Total/NA | Analysis | SM 2540D | | 1 | 7827 | KS | EET ALB | 07/02/24 16:35 |
| Total/NA | Analysis | SM 4500 H+ B | | 1 | 8154 | DL | EET ALB | 07/09/24 22:21 |
| Total/NA | Analysis | SM5210B | | 1 | 7579 | CO | EET ALB | 06/28/24 11:05 |
| Total/NA | Prep | Evaporation | | | 669229 | KAC | EET SL | 07/03/24 08:58 |
| Total/NA | Analysis | 900.0 | | 1 | 671146 | CMM | EET SL | 07/18/24 17:21 |
| Total/NA | Analysis | Gross Alpha Adj | | 1 | 671821 | FLC | EET SL | 07/19/24 14:39 |

Lab Chronicle

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: RG-South20240627

Lab Sample ID: 885-7077-2

Date Collected: 06/27/24 13:10

Matrix: Water

Date Received: 06/27/24 14:37

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab | Prepared or Analyzed |
|-------------------|------------|-----------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA | Analysis | 624.1 | | 1 | 169234 | NA | EET HOU | 07/03/24 03:08 |
| Total/NA | Prep | 3511 | | | 169191 | DR | EET HOU | 07/02/24 12:40 |
| Total/NA | Analysis | 625.1 | | 1 | 169694 | EM | EET HOU | 07/05/24 15:46 |
| Total/NA | Prep | 3511 | | | 169312 | DS | EET HOU | 07/02/24 22:42 |
| Total/NA | Analysis | 608.3 | | 1 | 169369 | WP | EET HOU | 07/03/24 14:58 |
| Total/NA | Prep | 3511 | | | 169818 | DS | EET HOU | 07/05/24 21:47 |
| Total/NA | Analysis | 608.3 | | 1 | 170091 | WP | EET HOU | 07/14/24 13:51 |
| Total/NA | Prep | 3510C | | | 169461 | BH | EET HOU | 07/03/24 13:50 |
| Total/NA | Analysis | 8081B_LL | | 1 | 169649 | WP | EET HOU | 07/05/24 12:10 |
| Total/NA | Analysis | 300.0 | | 1 | 7687 | JT | EET ALB | 06/28/24 12:29 |
| Total/NA | Prep | 1633 | | | 779486 | ATB | EET SAC | 07/15/24 11:26 |
| Total/NA | Analysis | Draft-4 1633 | | 1 | 780306 | SS | EET SAC | 07/16/24 19:39 |
| Total/NA | Prep | 1633 | RA | | 779486 | ATB | EET SAC | 07/15/24 11:26 |
| Total/NA | Analysis | Draft-4 1633 | RA | 1 | 780601 | SS | EET SAC | 07/17/24 15:21 |
| Total/NA | Prep | HRMS-Sep | | | 777390 | BLR | EET SAC | 07/08/24 12:40 |
| Total/NA | Analysis | 1668A | | 1 | 778376 | KT | EET SAC | 07/12/24 05:52 |
| Total Recoverable | Prep | 200.2 | | | 7782 | TM | EET ALB | 07/02/24 13:43 |
| Total Recoverable | Analysis | 200.7 Rev 4.4 | | 1 | 8057 | JR | EET ALB | 07/08/24 12:11 |
| Total Recoverable | Prep | 200.2 | | | 7782 | TM | EET ALB | 07/02/24 13:43 |
| Total Recoverable | Analysis | 200.7 Rev 4.4 | | 1 | 8191 | JR | EET ALB | 07/10/24 15:03 |
| Dissolved | Analysis | 200.8 | | 1 | 8085 | ES | EET ALB | 07/09/24 10:34 |
| Total/NA | Prep | 200.7/200.8 | | | 670850 | JSM | EET SL | 07/16/24 15:34 |
| Total/NA | Analysis | 200.8 | | 2 | 671639 | CGB | EET SL | 07/19/24 15:03 |
| Total Recoverable | Analysis | SM 2340B | | 1 | 8100 | JF | EET ALB | 07/09/24 15:25 |
| Total/NA | Analysis | 1664B | | 1 | 7985 | CO | EET ALB | 07/08/24 09:19 |
| Total/NA | Analysis | 2540C | | 1 | 7881 | KS | EET ALB | 07/03/24 12:52 |
| Total/NA | Prep | 351.2 | | | 8010 | DL | EET ALB | 07/08/24 11:40 |
| Total/NA | Analysis | 351.2 | | 1 | 8585 | DL | EET ALB | 07/09/24 13:02 |
| Dissolved | Prep | 365.2/365.3/365 | | | 8218 | ES | EET ALB | 07/11/24 08:30 |
| Dissolved | Analysis | 365.1 | | 1 | 8500 | ES | EET ALB | 07/16/24 09:36 |
| Total/NA | Prep | 365.2/365.3/365 | | | 8218 | ES | EET ALB | 07/11/24 08:30 |
| Total/NA | Analysis | 365.1 | | 1 | 8500 | ES | EET ALB | 07/16/24 09:34 |
| Total/NA | Analysis | 5220D | | 1 | 9076 | KH | EET ALB | 07/23/24 14:19 |
| Total/NA | Analysis | SM 2540D | | 1 | 7827 | KS | EET ALB | 07/02/24 16:35 |
| Total/NA | Analysis | SM 4500 H+ B | | 1 | 8154 | DL | EET ALB | 07/09/24 22:10 |
| Total/NA | Analysis | SM5210B | | 1 | 7579 | CO | EET ALB | 06/28/24 11:05 |
| Total/NA | Prep | Evaporation | | | 669229 | KAC | EET SL | 07/03/24 08:58 |
| Total/NA | Analysis | 900.0 | | 1 | 671146 | CMM | EET SL | 07/18/24 17:21 |
| Total/NA | Analysis | Gross Alpha Adj | | 1 | 671821 | FLC | EET SL | 07/19/24 15:03 |
| Total/NA | Analysis | 9223B | | 1 | 7536 | SS | EET ALB | 06/27/24 17:12 |

Lab Chronicle

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-7077-1

Client Sample ID: EB-20240627

Lab Sample ID: 885-7077-3

Date Collected: 06/27/24 11:50

Matrix: Water

Date Received: 06/27/24 14:37

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA | Prep | 1633 | | | 779486 | ATB | EET SAC | 07/15/24 11:26 |
| Total/NA | Analysis | Draft-4 1633 | | 1 | 780306 | SS | EET SAC | 07/16/24 19:57 |
| Total/NA | Prep | 1633 | RA | | 779486 | ATB | EET SAC | 07/15/24 11:26 |
| Total/NA | Analysis | Draft-4 1633 | RA | 1 | 780601 | SS | EET SAC | 07/17/24 15:38 |

Laboratory References:

- = Mount Juliet, 12065 Lebanon Road, Mount Juliet, TN 37122
- EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975
- EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
- EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600
- EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566



Accreditation/Certification Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|-------------|-----------------------|---------------------------|
| Oregon | NELAP | NM100001 | 02-26-25 |
| The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification. | | | |
| Analysis Method | Prep Method | Matrix | Analyte |
| 351.2 | 351.2 | Water | Nitrogen, Total Kjeldahl |
| 5220D | | Water | Chemical Oxygen Demand |
| 9223B | | Water | Escherichia coli |
| SM5210B | | Water | Biochemical Oxygen Demand |

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------------|---------------------|-----------------------|-----------------|
| Arkansas DEQ | State | 88-00759 | 08-03-24 |
| Florida | NELAP | E871002 | 06-30-25 |
| Louisiana (All) | NELAP | 03054 | 06-30-25 |
| Oklahoma | NELAP | 1306 | 08-31-24 |
| Oklahoma | State | 2023-139 | 08-31-24 |
| Texas | NELAP | T104704215 | 06-30-25 |
| Texas | TCEQ Water Supply | T104704215 | 12-28-25 |
| USDA | US Federal Programs | 525-23-79-79507 | 03-20-26 |

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------------|-----------------------|-----------------------|-----------------|
| Alaska (UST) | State | 17-020 | 02-20-27 |
| ANAB | Dept. of Defense ELAP | L2468 | 01-20-27 |
| ANAB | Dept. of Energy | L2468.01 | 01-20-27 |
| ANAB | ISO/IEC 17025 | L2468 | 01-20-27 |
| Arizona | State | AZ0708 | 08-11-24 |
| Arkansas DEQ | State | 88-0691 | 05-18-25 |
| California | State | 2897 | 01-31-26 |
| Colorado | State | CA00044 | 08-31-24 |
| Florida | NELAP | E87570 | 06-30-25 |
| Georgia | State | 4040 | 01-29-25 |
| Hawaii | State | Eurofins Sacramento | 01-29-25 |
| Illinois | NELAP | 200060 | 03-31-25 |
| Kansas | NELAP | E-10375 | 10-31-25 |
| Louisiana | NELAP | 01944 | 06-30-25 |
| Louisiana (All) | NELAP | 01944 | 06-30-25 |
| Maine | State | CA00004 | 04-14-26 |
| Michigan | State | 9947 | 01-29-25 |
| Nevada | State | CA00044 | 07-31-25 |
| New Hampshire | NELAP | 2997 | 04-19-25 |
| New Jersey | NELAP | CA005 | 06-30-25 |
| New York | NELAP | 11666 | 04-01-25 |
| Ohio | State | 41252 | 01-29-25 |
| Oregon | NELAP | 4040 | 01-29-25 |
| Texas | NELAP | T104704399-23-17 | 05-31-25 |

Accreditation/Certification Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
 Project/Site: CMC

Job ID: 885-7077-1

Laboratory: Eurofins Sacramento (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|--------------------|---------------------|-----------------------|-----------------|
| US Fish & Wildlife | US Federal Programs | A22139 | 04-30-25 |
| USDA | US Federal Programs | P330-18-00239 | 02-28-26 |
| Utah | NELAP | CA000442023-16 | 02-28-25 |
| Virginia | NELAP | 460278 | 03-14-25 |
| Washington | State | C581 | 05-05-25 |
| West Virginia (DW) | State | 9930C | 01-31-25 |
| Wisconsin | State | 998204680 | 08-31-25 |
| Wyoming | State Program | 8TMS-L | 01-28-19 * |

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|--------------------------|---|----------------------------|-----------------|
| Alaska (UST) | State | 20-001 | 05-06-25 |
| ANAB | Dept. of Defense ELAP | L2305 | 04-06-25 |
| ANAB | Dept. of Energy | L2305.01 | 04-08-25 |
| ANAB | ISO/IEC 17025 | L2305 | 04-06-25 |
| Arizona | State | AZ0813 | 07-28-24 |
| California | Los Angeles County Sanitation Districts | 10259 | 06-30-22 * |
| California | State | 2886 | 06-30-24 * |
| Connecticut | State | PH-0241 | 03-31-25 |
| Florida | NELAP | E87689 | 06-30-25 |
| Illinois | NELAP | 200023 | 11-30-24 |
| Iowa | State | 373 | 12-01-24 |
| Kansas | NELAP | E-10236 | 10-31-24 |
| Kentucky (DW) | State | KY90125 | 12-31-24 |
| Kentucky (WW) | State | KY90125 (Permit KY0004049) | 12-31-24 |
| Louisiana | NELAP | 04080 | 06-30-22 * |
| Louisiana (All) | NELAP | 04080 | 06-30-25 |
| Louisiana (DW) | State | LA011 | 12-31-24 |
| Maryland | State | 310 | 09-30-24 |
| Massachusetts | State | M-MO054 | 06-30-25 |
| MI - RadChem Recognition | State | 9005 | 06-30-24 * |
| Missouri | State | 780 | 06-30-25 |
| Nevada | State | MO00054 | 07-31-24 |
| New Jersey | NELAP | MO002 | 06-30-25 |
| New Mexico | State | MO00054 | 10-01-24 |
| New York | NELAP | 11616 | 03-31-25 |
| North Carolina (DW) | State | 29700 | 07-31-24 |
| Oklahoma | NELAP | 9997 | 08-31-24 |
| Oregon | NELAP | 4157 | 09-01-24 |
| Pennsylvania | NELAP | 68-00540 | 02-28-25 |
| South Carolina | State | 85002001 | 06-30-24 * |
| Texas | NELAP | T104704193 | 07-31-24 |
| US Fish & Wildlife | US Federal Programs | 058448 | 07-31-24 |
| USDA | US Federal Programs | P330-17-00028 | 05-18-26 |
| Utah | NELAP | MO00054 | 07-31-24 |
| Virginia | NELAP | 460230 | 06-14-25 |
| Washington | State | C592 | 08-30-24 |

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Albuquerque Metropolitan Arroyo Flood Control Authority
Project/Site: CMC

Job ID: 885-7077-1

Laboratory: Eurofins St. Louis (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-------------------|---------|-----------------------|-----------------|
| West Virginia DEP | State | 381 | 10-31-24 |

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ANALYTICAL REPORT

July 09, 2024

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|-------|
| 1 |
| 2 Cp |
| 3 Tc |
| 4 Ss |
| 5 Cn |
| 6 Sr |
| 7 Qc |
| 8 Gl |
| 9 Al |
| 10 Sc |
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| 14 |

Eurofins - Albuquerque, NM

Sample Delivery Group: L1752635
 Samples Received: 07/02/2024
 Project Number:
 Description:

Report To: Erin Munoz
 4901 Hawkins NE
 Albuquerque, NM 87109

Entire Report Reviewed By:

Jordan N Zito
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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SAMPLE SUMMARY

| | | | | Collected by | Collected date/time | Received date/time | | |
|--|-----------|----------|-----------------------|--------------------|---------------------|--------------------|--|--|
| RG-NORTH20240626 (885-7077-1) L1752635-01 GW | | | | | 06/26/24 15:05 | 07/02/24 09:00 | | |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | | |
| Wet Chemistry by Method 7199 | WG2315989 | 1 | 07/09/24 03:03 | 07/09/24 03:03 | SET | Mt. Juliet, TN | | |
| | | | | Collected by | Collected date/time | Received date/time | | |
| RG-SOUTH20240627 (885-7077-2) L1752635-02 GW | | | | | 06/27/24 13:10 | 07/02/24 09:00 | | |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | | |
| Wet Chemistry by Method 7199 | WG2315989 | 1 | 07/09/24 03:14 | 07/09/24 03:14 | SET | Mt. Juliet, TN | | |



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.



Jordan N Zito
Project Manager

Sample Delivery Group (SDG) Narrative

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

| <u>Lab Sample ID</u> | <u>Project Sample ID</u> | <u>Method</u> |
|-----------------------------|---|---------------|
| L1752635-01 | RG-NORTH20240626 (885-7077-1) | 7199 |
| L1752635-02 | RG-SOUTH20240627 (885-7077-2) | 7199 |

Wet Chemistry by Method 7199

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|-------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Hexavalent Chromium-Low Level | ND | | 0.000100 | 1 | 07/09/2024 03:03 | WG2315989 |

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Wet Chemistry by Method 7199

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|-------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Hexavalent Chromium-Low Level | ND | | 0.000100 | 1 | 07/09/2024 03:14 | WG2315989 |

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Method Blank (MB)

(MB) R4091510-1 07/09/24 02:36

| Analyte | MB Result | MB Qualifier | MB MDL | MB RDL |
|-------------------------------|-----------|--------------|-----------|----------|
| Hexavalent Chromium-Low Level | U | | 0.0000400 | 0.000100 |

L1753184-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1753184-04 07/09/24 04:19 • (DUP) R4091510-5 07/09/24 04:52

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|-------------------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium-Low Level | 0.000379 | 0.000392 | 1 | 3.48 | | 20 |

L1753184-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1753184-16 07/09/24 07:35 • (DUP) R4091510-8 07/09/24 07:46

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|-------------------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium-Low Level | ND | ND | 1 | 0.000 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4091510-2 07/09/24 02:47

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|-------------------------------|--------------|------------|----------|-------------|---------------|
| Hexavalent Chromium-Low Level | 0.00200 | 0.00206 | 103 | 90.0-110 | |

L1753184-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1753184-01 07/09/24 03:25 • (MS) R4091510-3 07/09/24 03:36 • (MSD) R4091510-4 07/09/24 03:47

| Analyte | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD | RPD Limits |
|-------------------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
| Hexavalent Chromium-Low Level | 0.00100 | 0.000107 | 0.00108 | 0.00107 | 96.9 | 95.9 | 1 | 90.0-110 | | | 0.868 | 20 |



L1753184-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1753184-14 07/09/24 06:30 • (MS) R4091510-6 07/09/24 07:03 • (MSD) R4091510-7 07/09/24 07:14

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MSD Result mg/l | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|-------------------------------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Hexavalent Chromium-Low Level | 0.00100 | ND | 0.000978 | 0.000944 | 97.8 | 94.4 | 1 | 90.0-110 | | | 3.47 | 20 |

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- 5 Ss
- 6 Cn
- 7 Sr
- 8 Qc
- 9 Gl
- 10 Al
- 11 Sc
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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. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| 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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

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 |
| Idaho | TN00003 | Ohio-VAP | CL0069 |
| Illinois | 200008 | Oklahoma | 9915 |
| Indiana | C-TN-01 | Oregon | TN200002 |
| Iowa | 364 | Pennsylvania | 68-02979 |
| Kansas | E-10277 | Rhode Island | LA000356 |
| Kentucky ^{1 6} | KY90010 | South Carolina | 84004002 |
| Kentucky ² | 16 | South Dakota | n/a |
| Louisiana | AI30792 | 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 |
| EPA-Crypto | TN00003 | | |

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.



Eurofins Albuquerque

4901 Hawkins NE
Albuquerque, NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record



G233

Environment Testing

| | | | | | | | | | |
|--|--|----------------------------------|--------------------|--|--|--------------------------------|---|-----------------------------------|--|
| Client Information (Sub Contract Lab) | | Sampler: | | Lab PM: Munoz, Erin | | Carrier Tracking No(s): | | COC No: 885-1125.1 | |
| Client Contact: Shipping/Receiving | | Phone: | | E-Mail: Erin.Munoz@et.eurofinsus.com | | State of Origin: New Mexico | | Page: Page 1 of 1 | |
| Company: Pace Analytical Services LLC | | Due Date Requested: 7/22/2024 | | Accreditations Required (See note): NELAP - Oregon | | Job #: 885-7077-1 | | Preservation Codes: | |
| Address: 12065 Lebanon Road, City: Mount Juliet State, Zip: TN, 37122 Phone: Email: | | TAT Requested (days): | | Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) SUB (Hexavalent Chromium) Hexavalent Chromium | | Total Number of Containers | | LI752635 | |
| Project Name: CMC | | Project #: 88500567 | | | | | | | |
| Site: | | SSOW#: | | | | | | | |
| Sample Identification - Client ID (Lab ID) | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air) | | | Special Instructions/Note: | |
| RG-North20240626 (885-7077-1) | | 6/26/24 | 15:05 Mountain | | Water | X | 1 | See Attached Instructions 01 | |
| RG-South20240627 (885-7077-2) | | 6/27/24 | 13:10 Mountain | | Water | X | 1 | See Attached Instructions 02 | |

Sample Receipt Checklist

Seal Present Intact: X Y N If Applicable VOA Zero Headspaces: Y N
 Signed/Accurate: X Y N Sp. Correct/Check: Y N
 Bottles arrive intact: X Y N
 Correct bottles used: X Y N
 Sol. solvent volume sent: X Y N
 RA Screen $\le 0.5 \mu\text{m/hr}$: X Y N

Containers: 2

Possible Hazard Identification

Unconfirmed: _____

Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements: _____

| | | | | | | | |
|----------------------------|--|------------------------|--|----------|--|----------------------------|--|
| Empty Kit Relinquished by: | | Date: | | Time: | | Method of Shipment: | |
| Relinquished by: | | Date/Time: 7/1/24 1350 | | Company: | | Received by: | |
| Relinquished by: | | Date/Time: | | Company: | | Date/Time: 07/02/2024 0900 | |
| Relinquished by: | | Date/Time: | | Company: | | Date/Time: | |

| | | | | | |
|---|--|-------------------|--|---|--|
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Custody Seal No.: | | Cooler Temperature(s) °C and Other Remarks: | |
|---|--|-------------------|--|---|--|

ICOC No:
885-1125

Containers

| <u>Count</u> | <u>Container Type</u> | <u>Preservative</u> |
|--------------|------------------------------------|---------------------|
| 2 | Other Client Container - preserved | None |

U1752635

Subcontract Method Instructions

| Sample IDs | Method | Method Description | Method Comments |
|------------|-------------|---|-----------------|
| 1, 2 | SUBCONTRACT | SUB (Hexavalent Chromium)/ Hexavalent Chromium | CR6 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

FROM: (505) 345-3975
SAMPLE RECEIVING
PACE ANALYTICAL
12065 Lebanon Road
MOUNT JULIET TN 37122
US

CAD: 1717027/INET4730

TO Dez
Hall Environmental
4901 Hawkins NE

Albuquerque NM 87109
(505) 345-3975

(US)

5883.63/26149AE3

REF

INV PO DEPT

RMA:



FedEx Ground



4242024032801uv

TRK# 7771 6011 7007

RETURN

87109

9622 0137 0 (000 000 0000) 0 00 7771 6011 7007



1. Select the 'Print' button to print 1 copy of each label.
2. The Return Shipment instructions, which provide your recipient with information on the returns process, will be printed with the label(s).
3. After printing, select your next step by clicking one of the displayed buttons.

Note: To review or print individual labels, select the Label button under each label image above.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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Return Shipment Instructions

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Return Shipment Instructions

1. Place the shipping label on the container's most visible side away from seams.

2. Ship your package one of three ways:

- Use your regular scheduled pickup.
- Drop off at FedEx. Find your closest location at fedex.com/locate or by calling 1.800.GoFedEx 1.800.463.3339
- Schedule a pickup. No account number required but label information may be needed. Go to fedex.com/returnpickup for FedEx Ground labels with "G" or "PRP" or call 1.800.GoFedEx 1.800.463.3339 and say:
 - o "Return Manager" or "PRP" for FedEx Ground labels with "G" or "PRP"
 - o "Express Return" for FedEx Express labels with "E" or "Billable Stamp"

Prepare Your Package With Care.

- Use an appropriate container, cushioning materials and at least three strips of packing tape.
- If reusing packaging, remove or black out old shipping labels including their barcode(s)

Special Instructions from the merchant:

Chain-of-Custody Record

Client: AMA FCA

Mailing Address:

Phone #:

email or Fax#: pchavez@AMAFCA.org

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name: CMC

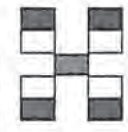
Project #:

Project Manager: Patrick Chavez

Sampler: 1 times
 On Ice: Yes No

of Coolers: 2
 Cooler Temp (including CF): 10.3 + 0.1 = 10.4 (°C)

Container Type and # 1.8 + 0.1 = 1.9
 Preservative Type _____
 HEAL No. _____



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107



885-7077 COC

Analysis Request

| BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) |
|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|
| | | | | | | | | | <u>See attached list</u> |

Page 887 of 976

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|----------------|-------------|-----------|--------------------------|----------------------|-------------------|----------|
| <u>6/26/24</u> | <u>1505</u> | <u>AQ</u> | <u>RG-NORTH 20240626</u> | <u>2L</u> | <u>Various</u> | <u>1</u> |
| <u>6/27/24</u> | <u>1310</u> | <u> </u> | <u>RG-SOUTH 20240627</u> | <u>2L</u> | <u>Various</u> | <u>2</u> |
| <u>6/27/24</u> | <u>1150</u> | <u> </u> | <u>EB-20240627</u> | <u>2 bottles</u> | <u>Various</u> | <u>3</u> |

6/27/2024

| | | | | | | |
|----------------------|-------------------|-------------------------------------|---------------------------------|------------|----------------------|--------------------|
| Date: <u>6/27/24</u> | Time: <u>1437</u> | Relinquished by: <u>[Signature]</u> | Received by: <u>[Signature]</u> | Via: _____ | Date: <u>6/27/24</u> | Time: <u>14:37</u> |
| Date: _____ | Time: _____ | Relinquished by: _____ | Received by: _____ | Via: _____ | Date: _____ | Time: _____ |

Remarks: SEE attached list.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Collaborative Monitoring Cooperative - Analyses List

Attach to Chain of Custody

Please refer to attached NPDES Permit No. NMR04A00 Appendix F. Methods and minimum quantification levels (MQL's) will be those approved under 40 CFR 136 and specified in the attached permit

| | | | | |
|--|-----------------------|-----------|------------------|-----------|
| Hardness (Ca + Mg) | NA | Total | 200.7 | 2.4 |
| Lead | 7439-92-1 | Dissolved | 200.8 | 0.09 |
| Copper | 7440-50-8 | Dissolved | 200.8 | 1.06 |
| Ammonia + organic nitrogen | 7664-41-7 | Total | 350.1 | 31.32 |
| Total Kjehldal Nitrogen | 17778-88-0 | Total | 351.2 | 58.78 |
| Nitrate + Nitrite | 14797-55-8 | Total | 353.2 | 10.17 |
| Polychlorinated biphenyls (PCBs) | 1336-36-3 | Total | 1668 | 0.014 |
| Tetrahydrofuran (THF) | 109-99-9 | Total | 624.1 | 7.9 |
| bis(2-Ethylhexyl)phthalate | 117-81-7 | Total | 625.1 | 0.2 |
| Dibenzofuran | 132-64-9 | Total | 625.1 | 0.2 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | Total | 610 | 0.2 |
| Benzo(b)fluoranthene | 205-99-2 | Total | 610 | 0.1 |
| Benzo(k)fluoranthene | 207-08-9 | Total | 610 | 0.1 |
| Chrysene | 218-01-9 | Total | 610 | 0.2 |
| Benzo(a)pyrene | 50-32-8 | Total | 610 | 0.3 |
| Dibenzo(a,h)anthracene | 53-70-3 | Total | 610 | 0.3 |
| Benzo(a)anthracene | 56-55-3 | Total | 610 | 0.2 |
| Dieldrin | 60-57-1 | Total | 625.1 | 0.1 |
| Pentachlorophenol | 87-86-5 | Total | 604 | 0.2 |
| Benzidine | 92-87-5 | Total | 604 | 0.1 |
| Chemical Oxygen Demand | E1641638 ² | Total | HACH | 5100 |
| Gross alpha (adjusted) | NA | Total | Method 900 | 0.1 pCi/L |
| Total Dissolved Solids | E1642222 ² | Total | SM 2540C | 60.4 |
| Total Suspended Solids | NA | Total | SM 2540D | 3450 |
| Biological Oxygen Demand | N/A | Total | Standard Methods | 930 |
| Oil and Grease | | Total | 1664A | 5000 |
| Ecoli | Enumeration | | SM 9223B | |
| pH | | | SM 4500 | |
| Phosphorus | | Dissolved | 365.1 | 100 |
| Phosphorus | | Total | 365.1 | 100 |
| Chromium IV | | Total | 3500Cr C-2011 | 100 |
| Per- and polyfluorinated alkyl substances (PFAS) | | | 537.1 | |

PFAS

\\ss6atq\Dat3S\Projects\NM15.0156_SS\CA\CA_Stormwater\Docs\Stormwater Sampling\2024_Parameter list_CMC.doc
3/11/2024

Appendix F - Minimum Quantification Levels (MQL's)

The following Minimum Quantification Levels (MQL's) are to be used for reporting pollutant data for NPDES permit applications and/or compliance reporting.

| POLLUTANTS | MQL µg/l | POLLUTANTS | MQL µg/l |
|--|-------------|--------------------------------|-------------|
| METALS, RADIOACTIVITY, CYANIDE and CHLORINE | | | |
| Aluminum | 2.5 | Molybdenum | 10 |
| Antimony | 60 | Nickel | 0.5 |
| Arsenic | 0.5 | Selenium | 5 |
| Barium | 100 | Silver | 0.5 |
| Beryllium | 0.5 | Thallium | 0.5 |
| Boron | 100 | Uranium | 0.1 |
| Cadmium | 1 | Vanadium | 50 |
| Chromium | 10 | Zinc | 20 |
| Cobalt | 50 | Cyanide | 10 |
| Copper | 0.5 | Cyanide, weak acid dissociable | 10 |
| Lead | 0.5 | Total Residual Chlorine | 33 |
| Mercury (*) | 0.0005 | | |
| | 0.005 | | |
| DIOXIN | | | |
| 2,3,7,8-TCDD | 0.00001 | | |
| VOLATILE COMPOUNDS | | | |
| Acrolein | 50 | 1,3-Dichloropropylene | 10 |
| Acrylonitrile | 20 | Ethylbenzene | 10 |
| Benzene | 10 | Methyl Bromide | 50 |
| Bromoform | 10 | Methylene Chloride | 20 |
| Carbon Tetrachloride | 2 | 1,1,2,2-Tetrachloroethane | 10 |
| Chlorobenzene | 10 | Tetrachloroethylene | 10 |
| Chlorodibromomethane | 10 | Toluene | 10 |
| Chloroform | 50 | 1,2-trans-Dichloroethylene | 10 |
| Dichlorobromomethane | 10 | 1,1,2-Trichloroethane | 10 |
| 1,2-Dichloroethane | 10 | Trichloroethylene | 10 |
| 1,1-Dichloroethylene | 10 | Vinyl Chloride | 10 |
| 1,2-Dichloropropane | 10 | | |
| ACID COMPOUNDS | | | |
| 2-Chlorophenol | 10 | 2,4-Dinitrophenol | 50 |
| 2,4-Dichlorophenol | 10 | Pentachlorophenol | 5 |
| 2,4-Dimethylphenol | 10 | Phenol | 10 |
| 4,6-Dinitro-o-Cresol | 50 | 2,4,6-Trichlorophenol | 10 |

| POLLUTANTS | MQL µg/l | POLLUTANTS | MQL µg/l |
|-----------------------------|-------------|---------------------------|-------------|
| BASE/NEUTRAL | | | |
| Acenaphthene | 10 | Dimethyl Phthalate | 10 |
| Anthracene | 10 | Di-n-Butyl Phthalate | 10 |
| Benzidine | 50 | 2,4-Dinitrotoluene | 10 |
| Benzo(a)anthracene | 5 | 1,2-Diphenylhydrazine | 20 |
| Benzo(a)pyrene | 5 | Fluoranthene | 10 |
| 3,4-Benzofluoranthene | 10 | Fluorene | 10 |
| Benzo(k)fluoranthene | 5 | Hexachlorobenzene | 5 |
| Bis(2-chloroethyl)Ether | 10 | Hexachlorobutadiene | 10 |
| Bis(2-chloroisopropyl)Ether | 10 | Hexachlorocyclopentadiene | 10 |
| Bis(2-ethylhexyl)Phthalate | 10 | Hexachloroethane | 20 |
| Butyl Benzyl Phthalate | 10 | Indeno(1,2,3-cd)Pyrene | 5 |
| 2-Chloronaphthalene | 10 | Isophorone | 10 |
| Chrysene | 5 | Nitrobenzene | 10 |
| Dibenzo(a,h)anthracene | 5 | n-Nitrosodimethylamine | 50 |
| 1,2-Dichlorobenzene | 10 | n-Nitrosodi-n-Propylamine | 20 |
| 1,3-Dichlorobenzene | 10 | n-Nitrosodiphenylamine | 20 |
| 1,4-Dichlorobenzene | 10 | Pyrene | 10 |
| 3,3'-Dichlorobenzidine | 5 | 1,2,4-Trichlorobenzene | 10 |
| Diethyl Phthalate | 10 | | |
| PESTICIDES AND PCBS | | | |
| Aldrin | 0.01 | Beta-Endosulfan | 0.02 |
| Alpha-BHC | 0.05 | Endosulfan sulfate | 0.02 |
| Beta-BHC | 0.05 | Endrin | 0.02 |
| Gamma-BHC | 0.05 | Endrin Aldehyde | 0.1 |
| Chlordane | 0.2 | Heptachlor | 0.01 |
| 4,4'-DDT and derivatives | 0.02 | Heptachlor Epoxide | 0.01 |
| Dieldrin | 0.02 | PCBs ** | 0.2 |
| Alpha-Endosulfan | 0.01 | Toxaphene | 0.3 |

(MQL's Revised November 1, 2007)

(*) Default MQL for Mercury is 0.005 unless Part I of your permit requires the more sensitive Method 1631 (Oxidation / Purge and Trap / Cold vapor Atomic Fluorescence Spectrometry), then the MQL shall be 0.0005.

(**) EPA Method 1668 should be utilized when PCB water column monitoring is conducted to determine compliance with permit requirements. Either the Arochlor test (EPA Method 8082) or USGS test method (8093) may be utilized for purposes of sediment sampling as part of a screening program, but must use EPA Method 1668 (latest revision) for confirmation and determination of specific PCB levels at that location.

Eurofins Albuquerque

4901 Hawkins NE
Albuquerque, NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record



| | | | | | | | | | | | | | |
|--|--|----------------------------------|---------------------------|---|--|--|-----------------------------------|-----------------------------------|---|------------------------|------------------------------|-----------------------------------|-----------------------------------|
| Client Information (Sub Contract Lab) | | Sampler: | | Lab PM: Munoz, Erin | | Carrier Tracking No(s): | | COC No: 885-1129.1 | | | | | |
| Client Contact: Shipping/Receiving | | Phone: | | E-Mail: Erin.Munoz@et.eurofinsus.com | | State of Origin: New Mexico | | Page: Page 1 of 1 | | | | | |
| Company: TestAmerica Laboratories, Inc. | | | | Accreditations Required (See note): NELAP - Oregon | | | | Job #: 885-7077-1 | | | | | |
| Address: 13715 Rider Trail North, | | Due Date Requested: 7/24/2024 | | Analysis Requested | | | | | Preservation Codes: Other: | | | | |
| City: Earth City | | TAT Requested (days): | | | | | | | | | | | |
| State, Zip: MO, 63045 | | PO #: | | | | | | | | | | | |
| Phone: 314-298-8566(Tel) 314-298-8757(Fax) | | WC #: | | | | | | | | | | | |
| Project Name: CMC | | Project #: 88500567 | | | | | | | | | | | |
| Site: | | SSOW#: | | | | | | | | | | | |
| Sample Identification - Client ID (Lab ID) | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oi, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 900.00Evaporation Standard | Target List | GrAlAGJUnc_Calc | 200.8/200_2%P Uranium | Total Number of containers | Special Instructions/Note: |
| RG-North20240626 (885-7077-1) | | 6/26/24 | 15:05 Mountain | Water | Water | X | X | X | | | 1 | | |
| RG-South20240627 (885-7077-2) | | 6/27/24 | 13:10 Mountain | Water | Water | X | X | X | | | 1 | | |
| | | | | | | | | | | | | | |
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| Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC. | | | | | | | | | | | | | |
| Possible Hazard Identification | | | | | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | | | | | | |
| Unconfirmed | | | | | | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | | | |
| Deliverable Requested: I, II, III, IV, Other (specify) | | | | | | Special Instructions/QC Requirements: | | | | | | | |
| Primary Deliverable Rank: 2 | | | | | | | | | | | | | |
| Empty Kit Relinquished by: | | | Date: | | | Time: | | | Method of Shipment: | | | | |
| Relinquished by: <i>[Signature]</i> | | | Date/Time: 7/1/24 1425 | | | Company: | | | Received by: <i>[Signature]</i> | | | | |
| Relinquished by: | | | Date/Time: | | | Company: | | | Date/Time: JUL 02 2024 0900 | | | | |
| Relinquished by: | | | Date/Time: | | | Company: | | | Date/Time: | | | | |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No | | | Custody Seal No.: | | | Cooler Temperature(s) °C and Other Remarks: | | | | | | | |



Eurofins Albuquerque

4901 Hawkins NE
Albuquerque NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record



Environment Testing

| Client Information (Sub Contract Lab) | | Sampler: | Lab PM: | Carrier Tracking No(s): | COC No: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Client Contact: Shipping/Receiving | | Phone: | Munoz, Erin | | 885-1126.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Company: Eurofins Environment Testing Northern Ca | | | E-Mail: Erin.Munoz@et.eurofinsus.com | State of Origin: New Mexico | Page: Page 1 of 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 880 Riverside Parkway | | Due Date Requested: 7/25/2024 | Accreditations Required (See note): NELAP Oregon | | Job #: 885-7077 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: West Sacramento | | TAT Requested (days): | <table border="1"> <thead> <tr><th colspan="12">Analysis Requested</th></tr> <tr> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>1633/1633_SPE EPA 1633 Method List</th> <th>1668A/HRMS_Sep_P Full List (209)</th> <th colspan="8"></th> <th rowspan="2">Total Number of containers</th> </tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> | | Analysis Requested | | | | | | | | | | | | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 1633/1633_SPE EPA 1633 Method List | 1668A/HRMS_Sep_P Full List (209) | | | | | | | | | Total Number of containers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Preservation Codes |
| Analysis Requested | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 1633/1633_SPE EPA 1633 Method List | | | 1668A/HRMS_Sep_P Full List (209) | | | | | | | | | Total Number of containers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Project Name: CMC | | Project #: 88500567 | | | Other: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sample Identification Client ID (Lab ID) | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=soil, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 1633/1633_SPE EPA 1633 Method List | 1668A/HRMS_Sep_P Full List (209) | | | Total Number of containers | Special Instructions/Note | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| RG-North20240626 (885-7077 1) | | 6/26/24 | 15:05 Mountain | Water | Water | | X | X | | | | 4 | J and MDL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RG-South20240627 (885-7077-2) | | 6/27/24 | 13:10 Mountain | Water | Water | | X | X | | | | 4 | J and MDL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EB-20240627 (885-7077-3) | | 6/27/24 | 11 50 Mountain | Water | Water | | X | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months
 Special Instructions/QC Requirements:

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

| | | | | | |
|-------------------------------------|------------------------|----------------|---------------------------------|-----------------------|-----------------------------|
| Relinquished by: <i>[Signature]</i> | Date/Time: 7/1/24 1405 | Company: _____ | Received by: <i>[Signature]</i> | Date/Time: 7/2/24 930 | Company: <i>[Signature]</i> |
| Relinquished by: _____ | Date/Time: _____ | Company: _____ | Received by: _____ | Date/Time: _____ | Company: _____ |
| Relinquished by: _____ | Date/Time: _____ | Company: _____ | Received by: _____ | Date/Time: _____ | Company: _____ |

Custody Seals Intact: Yes No Custody Seal No. *[Signature]* Cooler Temperature(s) °C and Other Remarks: 3.40

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7/31/2024





Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Tracking # 777160373090

Job _____



885-7077 Field Sheet

SO/PO/FO/SAT/2-Day/ Ground/ UPS/ CDO/ Courier
GSL/ OnTrac/ Goldstreak/ USPS/ Other _____

Use this form to record Sample Custody Seal Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm ID E11 Corr Factor (+/-) _____ °C

Ice _____ Wet _____ Gel 1 Other _____

Cooler Custody Seal: Seal

Cooler ID: _____

Temp Observed 3.4 °C Corrected 3.4 °C
From Temp Blank Sample

| Opening/Processing The Shipment | Yes | No | NA |
|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Cooler compromised/tampered with? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Cooler Temperature is acceptable? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Frozen samples show signs of thaw? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Initials: <u>[Signature]</u> | Date: <u>7.2.24</u> | | |

| Unpacking/Labeling The Samples | Yes | No | NA |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Containers are not broken or leaking? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Samples compromised/tampered with? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| COC is complete w/o discrepancies | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample custody seal? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Sample containers have legible labels? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample date/times are provided? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Appropriate containers are used? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample bottles are completely filled? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample preservatives verified? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Is the Field Sampler's name on COC? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Samples w/o discrepancies? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Zero headspace?* | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alkalinity has no headspace? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Perchlorate has headspace? (Methods 314, 337, 6850) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Multiphasic samples are not present? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: [Signature] Date: 7.2.24

Notes _____

Trizma Lot #(s) 0000279288

Ammonium

Acetate Lot #(s) _____

| Login Completion | Yes | No | NA |
|------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Receipt Temperature on COC? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| NCM Filed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Samples received within hold time? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Log Release checked in TALS? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Initials: [Signature] Date: 7.2.24

WF 2 23B

Login Sample Receipt Checklist

Client: Albuquerque Metropolitan Arroyo Flood Control Authority

Job Number: 885-7077-1

Login Number: 7077

List Source: Eurofins Albuquerque

List Number: 1

Creator: Cason, Cheyenne

| Question | Answer | Comment |
|--|--------|---------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

Login Sample Receipt Checklist

Client: Albuquerque Metropolitan Arroyo Flood Control Authority

Job Number: 885-7077-1

Login Number: 7077

List Number: 2

Creator: Torrez, Lisandra

List Source: Eurofins Houston

List Creation: 07/02/24 10:56 AM

| Question | Answer | Comment |
|--|--------|---------|
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |



Login Sample Receipt Checklist

Client: Albuquerque Metropolitan Arroyo Flood Control Authority

Job Number: 885-7077-1

Login Number: 7077

List Source: Eurofins Sacramento

List Number: 4

List Creation: 07/02/24 12:15 PM

Creator: Simmons, Jason C

| Question | Answer | Comment |
|--|--------|------------------------------------|
| Radioactivity wasn't checked or is <=/ background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | Seal |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 3.4c |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | N/A | Received project as a subcontract. |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

Login Sample Receipt Checklist

Client: Albuquerque Metropolitan Arroyo Flood Control Authority

Job Number: 885-7077-1

Login Number: 7077

List Number: 3

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 07/02/24 01:31 PM

| Question | Answer | Comment |
|--|--------|---------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | N/A | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | N/A | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |



Attachment 1b
FY24 Dry Season Completed Data
Verification and Validation (V&V)
Forms

Attachment 1.1 Water Quality Sample Data Verification and Validation Worksheet

Study Name: Compliance Monitoring Cooperative (CMC)

Year: FY 2024 (December 2023 – Dry Season Sample)

Project Coordinator: For Data Review and Reporting – SJG, BHI

V&V Reviewer: SJG

Data covered by this worksheet: Alameda – 12/13/2023– E. coli Only Sample

Version of Verification/Validation Procedures: QAPP –AMAFCA SOP #5 (7/2022)

Step 1: Verify Field Data

A. Are all Field Data forms present and complete? Yes No

If yes, proceed; if no, attempt to locate missing forms, then indicate any remaining missing forms and action taken.

| Missing Field Data Forms | Action Taken |
|--------------------------|--------------|
| _____ | _____ |
| _____ | _____ |

Total number of occurrences: 0

B. Are station name and ID, and sampling date and time on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station and Parameter | Action Taken | Re-verified? |
|-----------------------|--------------|--------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Total number of occurrences: 0

C. Are field data on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station | Sampling Date | Parameter(s) Corrected | Re-verified? |
|---------|---------------|------------------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Total number of occurrences: 0

D. Are RIDs correct and associated with the correct analytical suite, media subdivision (e.g. surface water, municipal waste, etc.) and activity type (e.g. Field observation, Routine sample, QA sample etc.)?

Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify

| Station/RID | Sampling Date | RID Corrected | Re-verified? |
|-------------|---------------|---------------|--------------|
| | | | |
| | | | |

Total number of occurrences: 0

Step 1 Completed *Initials: SJJ* *Date: 2/6/2024*

Step 2: Verify Data Deliverables

A. Have all data in question been delivered? Yes No

If yes, proceed; if no, indicate RIDs with missing data (samples or blanks) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken. Complete this step upon receipt of all missing data.

| RID | Submittal Date | Missing Data/Parameters | Date of Initial Verification | Date Missing Data Were Received |
|-----|----------------|-------------------------|------------------------------|---------------------------------|
| | | | | |
| | | | | |

Total number of occurrences: 0

B. Do all of the analytical suites have the correct number and type of analytes. Yes No

If yes, proceed; if no, indicate RIDs with missing or incorrect analyte(s) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken.

| RID | Submittal Date | Missing or Incorrect Parameters | Action Taken | Re-verified? |
|-----|----------------|---------------------------------|--------------|--------------|
| | | | | |
| | | | | |

Step 2 Completed *Initials: SJJ* *Date: 2/6/2024*

Step 3: Verify Flow Data

*Note – Not Applicable – no flow data provided with CMC sample collection

A. Identify incorrect or missing data on the flow calculation spreadsheet and correct errors.

| Station | Sampling Date | Flow data missing or incorrect? |
|---------|---------------|---------------------------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Total number of occurrences: 0

B. Identify incorrect or missing discharge measurements, correct errors in database and re-verify.

| Station | Sampling Date | Flow data missing or incorrect? | Re-verified? |
|---------|---------------|---------------------------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Total number of occurrences: 0

Not Applicable
 Step 3 Completed *Initials: SJK Date: 2/6/2024*

Step 4: Verify Analytical Results for Missing Information or Questionable Results

Were any results with missing/questionable information identified? Yes No

If no, proceed; if yes, indicate results with missing information or questionable results or attach report. Contact data source and indicate action taken. Complete this step upon receipt of missing information or clarification of questionable results (clarify questionable results only, DO NOT change results without written approval (from lab or QA officer) and associated documentation).

| RID | Sample Date | Missing or Questionable Information/Results | Action Taken |
|-------|-------------|---|--------------|
| _____ | _____ | _____ | _____ |

Total number of occurrences: 0

Step 4 Completed *Initials: SJK Date: 2/6/2024*

Step 5: Validate Blanks Results

Were any analytes of concern detected in blank samples? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager, with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes have been added to database correctly.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database? * |
|-----|-------------|-----------|----------|-----------|------------------------------|-----------------------------------|
| | | | | | | |
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged and include on *Validation Codes Form*.

Total number of occurrences: 0

Step 5 Completed *Initials: SJK Date: 2/6/2024*

Step 6: Validate Holding Times Violations

Were any samples submitted that did not meet specified holding times? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database to ALL associated data?* |
|-----|-------------|-----------|---------|----------|------------------------------|---|
| | | | | | | |
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged.

Total number of occurrences: 0

Step 6 Completed *Initials: SJK Date: 2/6/2024*

Step 7: Validate Replicate/Duplicate Results (if applicable)

Were any replicate/duplicate pairs submitted outside of the established control limit of 20%?

Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID Pairs | Replicate or Duplicate? | Sample Date | Parameter | RPD | Validation Code/Flag Applied | Code/Flag verified in database applied?* |
|-----------|-------------------------|-------------|-----------|-----|------------------------------|--|
| | | | | | | |
| | | | | | | |

N/A – no duplicate/replicate results

Total number of occurrences: 0

Step 7 Completed *Initials: SJG Date: 2/6/2024*

After all of the above steps have been completed, save and print the worksheet, attach all applicable supplemental information and sign below.

I acknowledge that the data verification and validation process has been completed for the data identified above in accordance with the procedures described in the CMC QAPP, SOP #2



2/6/24

 Data Verifier/Validator Signature

 Date

COMPLETION OF DATA VERIFICATION AND VALIDATION PROCESS

Once the data verification and validation process has been completed for the entire study (note: if the worksheet is for a subset of the data from a study, be sure ALL the data for the entire study is included before final completion of the data verification and validation process), notify the NMSQUID administrator that the process is complete and request that “V V in STORET” be added to the project title.

Once all data have been verified and validated for a study provide copies of ALL *Data Verification and Validation Worksheets* and attachments associated with the study to the Quality Assurance Officer and retain originals in the project binder.

Attachment 1.2 SWQB Validation Codes

When deficiencies are identified through the data verification and validation process, AMAFCA documents or “flags” the deficiencies by assigning validation codes. All data collected from the last compliant QC sample and up to the next compliant QC sample are assigned validation codes. The validation code alerts the data user that the results are outside QA control limits and may require re-sampling or a separate, qualitative analysis based on professional judgment.

| Validation Code | Definition | WQX Equivalent |
|-----------------|--|----------------|
| A1 | Sample not collected according to SOP | |
| B1 | Chemical was detected in the field blank at a concentration less than 5% of the sample concentration. | |
| BN | Blanks NOT collected during sampling run | |
| BU | Detection in blank. Analyte was not detected in this sample above the method's sample detection limit. | BU |
| RB1 | Chemical was detected in the field blank at a concentration greater than or equal to 5% of the sample concentration. Results for this sample are rejected because they may be the result of contamination; the results may not be reported or used for regulatory compliance purposes. | B |
| R1 | Rejected due to incorrect sample preservation | R |
| R2 | Rejected due to equipment failure in the field | R |
| R3 | Rejected based on best professional judgment | R |
| D1 | Spike recovery not within method acceptance limits | |
| F1 | Sample filter time exceeded | |
| J1 | Estimated: the analyte was positively identified and the associated value is an approximate concentration of the analyte in the sample | J |
| K1 | Holding time violation | H |
| Ea | Estimated-Incubation temperature between 35.5 and 38.0° Celsius | |
| Er | Rejected-Incubation temperature < 34.5 or >38.0° Celsius | |
| PD1 | Percent difference between duplicate samples excessive | |
| S1 | Per SLD, uncertainties (sigmas) are expressed as one standard deviation, i.e. one standard error. Small negative or positive values that are less than two standard deviations should be interpreted as “less than the detection limit.” | |
| S2 | Data are suspect but deemed usable based on best professional judgment; documentation of justification is required and should be included in the Data Verification and Validation Packet and reported with results | |
| Z1 | Macroinvertebrate data did not meet QC criteria specified in Section 2.5 of QAPP | |
| H1 | Habitat data did not meet QC criteria specified in Section 2.5 of QAPP | |

Attachment 1.1 Water Quality Sample Data Verification and Validation Worksheet

Study Name: Compliance Monitoring Cooperative (CMC)

Year: FY 2024 (December 2023 – Dry Season Sample)

Project Coordinator: For Data Review and Reporting – SJG, BHI

V&V Reviewer: SJG

Data covered by this worksheet: Rio Grande North – 12/13/2023

Version of Verification/Validation Procedures: QAPP –AMAFCA SOP #5 (7/2022)

Step 1: Verify Field Data

A. Are all Field Data forms present and complete? Yes No

If yes, proceed; if no, attempt to locate missing forms, then indicate any remaining missing forms and action taken.

| Missing Field Data Forms | Action Taken |
|--------------------------|--------------|
| _____ | _____ |
| _____ | _____ |

Total number of occurrences: 0

B. Are station name and ID, and sampling date and time on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station and Parameter | Action Taken | Re-verified? |
|-----------------------|--------------|--------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Total number of occurrences: 0

C. Are field data on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station | Sampling Date | Parameter(s) Corrected | Re-verified? |
|---------|---------------|------------------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Total number of occurrences: 0

D. Are RIDs correct and associated with the correct analytical suite, media subdivision (e.g. surface water, municipal waste, etc.) and activity type (e.g. Field observation, Routine sample, QA sample etc.)?

Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify

| Station/RID | Sampling Date | RID Corrected | Re-verified? |
|-------------|---------------|---------------|--------------|
| | | | |
| | | | |

Total number of occurrences: 0

Step 1 Completed *Initials: SJK* *Date: 12/12/2024*

Step 2: Verify Data Deliverables

A. Have all data in question been delivered? Yes No

If yes, proceed; if no, indicate RIDs with missing data (samples or blanks) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken. Complete this step upon receipt of all missing data.

| RID | Submittal Date | Missing Data/Parameters | Date of Initial Verification | Date Missing Data Were Received |
|-----|----------------|-------------------------|------------------------------|---------------------------------|
| | | | | |

Total number of occurrences: 0

B. Do all of the analytical suites have the correct number and type of analytes. Yes No

If yes, proceed; if no, indicate RIDs with missing or incorrect analyte(s) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken.

| RID | Submittal Date | Missing or Incorrect Parameters | Action Taken | Re-verified? |
|-----|----------------|---------------------------------|--------------|--------------|
| | | | | |

Total number of occurrences: 0

Step 2 Completed *Initials: SJJ Date: 2/12/2024*

Step 3: Verify Flow Data

*Note – Not Applicable – no flow data provided with CMC sample collection

A. Identify incorrect or missing data on the flow calculation spreadsheet and correct errors.

| Station | Sampling Date | Flow data missing or incorrect? |
|---------|---------------|---------------------------------|
| | | |
| | | |

Total number of occurrences: 0

B. Identify incorrect or missing discharge measurements, correct errors in database and re-verify.

| Station | Sampling Date | Flow data missing or incorrect? | Re-verified? |
|---------|---------------|---------------------------------|--------------|
| | | | |
| | | | |

Total number of occurrences: 0

Not Applicable
 Step 3 Completed *Initials: SJJ Date: 2/12/2024*

Step 4: Verify Analytical Results for Missing Information or Questionable Results

Were any results with missing/questionable information identified? Yes No

If no, proceed; if yes, indicate results with missing information or questionable results or attach report. Contact data source and indicate action taken. Complete this step upon receipt of missing information or clarification of questionable results (clarify questionable results only, DO NOT change results without written approval (from lab or QA officer) and associated documentation).

| RID | Sample Date | Missing or Questionable Information/Results | Action Taken |
|------------------|-------------|--|--|
| Rio Grande North | 12/13/2023 | Lab report lists two Total Phosphorous results and the dissolved | BHI emailed AMAFCA on 2/7/24 and added note to the lab report. |

| | | | |
|--|--|---|--|
| | | and total are not clear in the reporting. | |
|--|--|---|--|

Eurofins lab report number 2312898.

Total number of occurrences: 1

Step 4 Completed *Initials: SJK Date: 2/12/2024*

Step 5: Validate Blanks Results

Were any analytes of concern detected in blank samples? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager, with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes have been added to database correctly.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database? * |
|-----|-------------|-----------|----------|-----------|------------------------------|-----------------------------------|
| | | | | | | |
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged and include on *Validation Codes Form*.

Total number of occurrences: 0

Step 5 Completed *Initials: SJK Date: 2/12/2024*

Step 6: Validate Holding Times Violations

Were any samples submitted that did not meet specified holding times? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database to ALL associated data?* |
|-----|-------------|-----------|---------|----------|------------------------------|---|
| | | | | | | |
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged.

*Note – Lab reports lists pH with hold time flag. Database uses field data reported pH, so this is hold time is not applicable.

The BOD has a hold time flag. The Rio Grande North sample was held until the CMC was sure the monitoring event was a qualifying storm event. This led to the hold time flag for BOD.

Total number of occurrences: 0

Step 6 Completed *Initials: SJJ Date: 2/12/2024*

Step 7: Validate Replicate/Duplicate Results (if applicable)

Were any replicate/duplicate pairs submitted outside of the established control limit of 20%?

Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID Pairs | Replicate or Duplicate? | Sample Date | Parameter | RPD | Validation Code/Flag Applied | Code/Flag verified in database applied?* |
|-----------|-------------------------|-------------|-----------|-----|------------------------------|--|
| | | | | | | |
| | | | | | | |

Total number of occurrences: 0

Step 7 Completed *Initials: SJJ Date: 2/12/2024*

After all of the above steps have been completed, save and print the worksheet, attach all applicable supplemental information and sign below.

I acknowledge that the data verification and validation process has been completed for the data identified above in accordance with the procedures described in the CMC QAPP, SOP #2



2/12/24

 Data Verifier/Validator Signature

 Date

COMPLETION OF DATA VERIFICATION AND VALIDATION PROCESS

Once the data verification and validation process has been completed for the entire study (note: if the worksheet is for a subset of the data from a study, be sure ALL the data for the entire study is included before final completion of the data verification and validation process), notify the NMSQUID administrator that the process is complete and request that "V V in STORET" be added to the project title.

Once all data have been verified and validated for a study provide copies of ALL *Data Verification and Validation Worksheets* and attachments associated with the study to the Quality Assurance Officer and retain originals in the project binder.

Attachment 1.2 SWQB Validation Codes

When deficiencies are identified through the data verification and validation process, AMAFCA documents or “flags” the deficiencies by assigning validation codes. All data collected from the last compliant QC sample and up to the next compliant QC sample are assigned validation codes. The validation code alerts the data user that the results are outside QA control limits and may require re-sampling or a separate, qualitative analysis based on professional judgment.

| Validation Code | Definition | WQX Equivalent |
|-----------------|--|----------------|
| A1 | Sample not collected according to SOP | |
| B1 | Chemical was detected in the field blank at a concentration less than 5% of the sample concentration. | |
| BN | Blanks NOT collected during sampling run | |
| BU | Detection in blank. Analyte was not detected in this sample above the method's sample detection limit. | BU |
| RB1 | Chemical was detected in the field blank at a concentration greater than or equal to 5% of the sample concentration. Results for this sample are rejected because they may be the result of contamination; the results may not be reported or used for regulatory compliance purposes. | B |
| R1 | Rejected due to incorrect sample preservation | R |
| R2 | Rejected due to equipment failure in the field | R |
| R3 | Rejected based on best professional judgment | R |
| D1 | Spike recovery not within method acceptance limits | |
| F1 | Sample filter time exceeded | |
| J1 | Estimated: the analyte was positively identified and the associated value is an approximate concentration of the analyte in the sample | J |
| K1 | Holding time violation | H |
| Ea | Estimated-Incubation temperature between 35.5 and 38.0° Celsius | |
| Er | Rejected-Incubation temperature < 34.5 or >38.0° Celsius | |
| PD1 | Percent difference between duplicate samples excessive | |
| S1 | Per SLD, uncertainties (sigmas) are expressed as one standard deviation, i.e. one standard error. Small negative or positive values that are less than two standard deviations should be interpreted as “less than the detection limit.” | |
| S2 | Data are suspect but deemed usable based on best professional judgment; documentation of justification is required and should be included in the Data Verification and Validation Packet and reported with results | |
| Z1 | Macroinvertebrate data did not meet QC criteria specified in Section 2.5 of QAPP | |
| H1 | Habitat data did not meet QC criteria specified in Section 2.5 of QAPP | |

Attachment 1.1 Water Quality Sample Data Verification and Validation Worksheet

Study Name: Compliance Monitoring Cooperative (CMC)

Year: FY 2024 (December 2023 – Dry Season Sample)

Project Coordinator: For Data Review and Reporting – SJG, BHI

V&V Reviewer: SJG

Data covered by this worksheet: Rio Grande South – 12/14/2023

Version of Verification/Validation Procedures: QAPP –AMAFCA SOP #5 (7/2022)

Step 1: Verify Field Data

A. Are all Field Data forms present and complete? Yes No

If yes, proceed; if no, attempt to locate missing forms, then indicate any remaining missing forms and action taken.

| Missing Field Data Forms | Action Taken |
|--------------------------|--------------|
| _____ | _____ |
| _____ | _____ |

Total number of occurrences: 0

B. Are station name and ID, and sampling date and time on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station and Parameter | Action Taken | Re-verified? |
|-----------------------|--------------|--------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Total number of occurrences: 0

C. Are field data on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station | Sampling Date | Parameter(s) Corrected | Re-verified? |
|---------|---------------|------------------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Total number of occurrences: 0

D. Are RIDs correct and associated with the correct analytical suite, media subdivision (e.g. surface water, municipal waste, etc.) and activity type (e.g. Field observation, Routine sample, QA sample etc.)?

Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify

| Station/RID | Sampling Date | RID Corrected | Re-verified? |
|-------------|---------------|---------------|--------------|
| | | | |
| | | | |

Total number of occurrences: 0

Step 1 Completed *Initials: SJK* *Date: 2/12/2024*

Step 2: Verify Data Deliverables

A. Have all data in question been delivered? Yes No

If yes, proceed; if no, indicate RIDs with missing data (samples or blanks) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken. Complete this step upon receipt of all missing data.

| RID | Submittal Date | Missing Data/Parameters | Date of Initial Verification | Date Missing Data Were Received |
|-----|----------------|-------------------------|------------------------------|---------------------------------|
| | | | | |
| | | | | |

Total number of occurrences: 0

B. Do all of the analytical suites have the correct number and type of analytes. Yes No

If yes, proceed; if no, indicate RIDs with missing or incorrect analyte(s) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken.

| RID | Submittal Date | Missing or Incorrect Parameters | Action Taken | Re-verified? |
|-----|----------------|---------------------------------|--------------|--------------|
| | | | | |
| | | | | |

Step 2 Completed *Initials: SJK Date: 2/12/2024*

Step 3: Verify Flow Data

*Note – Not Applicable – no flow data provided with CMC sample collection

A. Identify incorrect or missing data on the flow calculation spreadsheet and correct errors.

| Station | Sampling Date | Flow data missing or incorrect? |
|---------|---------------|---------------------------------|
| | | |
| | | |

Total number of occurrences: 0

B. Identify incorrect or missing discharge measurements, correct errors in database and re-verify.

| Station | Sampling Date | Flow data missing or incorrect? | Re-verified? |
|---------|---------------|---------------------------------|--------------|
| | | | |
| | | | |

Total number of occurrences: 0

Not Applicable
 Step 3 Completed *Initials: SJK Date: 2/12/2024*

Step 4: Verify Analytical Results for Missing Information or Questionable Results

Were any results with missing/questionable information identified? Yes No

If no, proceed; if yes, indicate results with missing information or questionable results or attach report. Contact data source and indicate action taken. Complete this step upon receipt of missing information or clarification of questionable results (clarify questionable results only, DO NOT change results without written approval (from lab or QA officer) and associated documentation).

| RID | Sample Date | Missing or Questionable Information/Results | Action Taken |
|------------------|-------------|--|--|
| Rio Grande South | 12/14/2023 | Lab report lists two Total Phosphorous results and the dissolved | BHI emailed AMAFCA on 2/7/24 and BHI added note to the lab report. |

| | | | |
|------------------|-------------------|---|---|
| | | and total are not clear in the reporting. | |
| Rio Grande South | <u>12/14/2023</u> | Lab report has mis-labeled the Rio Grande South Semivolatiles data as Rio Grande North. | BHI emailed AMAFCA on 2/7/24 to ask that they clarify this with the lab and BHI added note to the lab report. |

*Note – Eurofins lab report number 2312898.

Total number of occurrences: 2

Step 4 Completed *Initials: SJG Date: 2/12/2024*

Step 5: Validate Blanks Results

Were any analytes of concern detected in blank samples? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager, with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes have been added to database correctly.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database? * |
|-----|-------------|-----------|----------|-----------|------------------------------|-----------------------------------|
| | | | | | | |
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged and include on *Validation Codes Form*.

Total number of occurrences: 0

Step 5 Completed *Initials: SJG Date: 2/12/2024*

Step 6: Validate Holding Times Violations

Were any samples submitted that did not meet specified holding times? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database to ALL associated data?* |
|-----|-------------|-----------|---------|----------|------------------------------|---|
| | | | | | | |
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged.

*Note – Lab reports lists pH with hold time flag. Database uses field data reported pH, so this is hold time is not applicable.

Total number of occurrences: 0

Step 6 Completed *Initials: SJJ* *Date: 2/12/2024*

Step 7: Validate Replicate/Duplicate Results (if applicable)

Were any replicate/duplicate pairs submitted outside of the established control limit of 20%?

Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID Pairs | Replicate or Duplicate? | Sample Date | Parameter | RPD | Validation Code/Flag Applied | Code/Flag verified in database applied?* |
|-----------|-------------------------|-------------|-----------|-----|------------------------------|--|
| | | | | | | |
| | | | | | | |

Total number of occurrences: 0

Step 7 Completed *Initials: SJJ* *Date: 2/12/2024*

After all of the above steps have been completed, save and print the worksheet, attach all applicable supplemental information and sign below.

I acknowledge that the data verification and validation process has been completed for the data identified above in accordance with the procedures described in the CMC QAPP, SOP #2



2/12/24

 Data Verifier/Validator Signature

 Date

COMPLETION OF DATA VERIFICATION AND VALIDATION PROCESS

Once the data verification and validation process has been completed for the entire study (note: if the worksheet is for a subset of the data from a study, be sure ALL the data for the entire study is included before final completion of the data verification and validation process), notify the NMSQUID administrator that the process is complete and request that "V V in STORET" be added to the project title.

Once all data have been verified and validated for a study provide copies of ALL *Data Verification and Validation Worksheets* and attachments associated with the study to the Quality Assurance Officer and retain originals in the project binder.

Attachment 1.2 SWQB Validation Codes

When deficiencies are identified through the data verification and validation process, AMAFCA documents or “flags” the deficiencies by assigning validation codes. All data collected from the last compliant QC sample and up to the next compliant QC sample are assigned validation codes. The validation code alerts the data user that the results are outside QA control limits and may require re-sampling or a separate, qualitative analysis based on professional judgment.

| Validation Code | Definition | WQX Equivalent |
|-----------------|--|----------------|
| A1 | Sample not collected according to SOP | |
| B1 | Chemical was detected in the field blank at a concentration less than 5% of the sample concentration. | |
| BN | Blanks NOT collected during sampling run | |
| BU | Detection in blank. Analyte was not detected in this sample above the method's sample detection limit. | BU |
| RB1 | Chemical was detected in the field blank at a concentration greater than or equal to 5% of the sample concentration. Results for this sample are rejected because they may be the result of contamination; the results may not be reported or used for regulatory compliance purposes. | B |
| R1 | Rejected due to incorrect sample preservation | R |
| R2 | Rejected due to equipment failure in the field | R |
| R3 | Rejected based on best professional judgment | R |
| D1 | Spike recovery not within method acceptance limits | |
| F1 | Sample filter time exceeded | |
| J1 | Estimated: the analyte was positively identified and the associated value is an approximate concentration of the analyte in the sample | J |
| K1 | Holding time violation | H |
| Ea | Estimated-Incubation temperature between 35.5 and 38.0° Celsius | |
| Er | Rejected-Incubation temperature < 34.5 or >38.0° Celsius | |
| PD1 | Percent difference between duplicate samples excessive | |
| S1 | Per SLD, uncertainties (sigmas) are expressed as one standard deviation, i.e. one standard error. Small negative or positive values that are less than two standard deviations should be interpreted as “less than the detection limit.” | |
| S2 | Data are suspect but deemed usable based on best professional judgment; documentation of justification is required and should be included in the Data Verification and Validation Packet and reported with results | |
| Z1 | Macroinvertebrate data did not meet QC criteria specified in Section 2.5 of QAPP | |
| H1 | Habitat data did not meet QC criteria specified in Section 2.5 of QAPP | |

Attachment 1.1 Water Quality Sample Data Verification and Validation Worksheet

Study Name: Compliance Monitoring Cooperative (CMC)

Year: FY 2024 (June 2024 – Dry Season Sample)

Project Coordinator: For Data Review and Reporting – SJG, BHI

V&V Reviewer: SJG

Data covered by this worksheet: Rio Grande South – 6/27/2024

Version of Verification/Validation Procedures: QAPP –AMAFCA SOP #5 (7/2022)

Step 1: Verify Field Data

A. Are all Field Data forms present and complete? Yes No

If yes, proceed; if no, attempt to locate missing forms, then indicate any remaining missing forms and action taken.

| Missing Field Data Forms | Action Taken |
|--------------------------|--------------|
| _____ | _____ |
| _____ | _____ |

Total number of occurrences: 0

B. Are station name and ID, and sampling date and time on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station and Parameter | Action Taken | Re-verified? |
|-----------------------|--------------|--------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Total number of occurrences: 0

C. Are field data on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station | Sampling Date | Parameter(s) Corrected | Re-verified? |
|---------|---------------|------------------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Total number of occurrences: 0

D. Are RIDs correct and associated with the correct analytical suite, media subdivision (e.g. surface water, municipal waste, etc.) and activity type (e.g. Field observation, Routine sample, QA sample etc.)?

Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify

| Station/RID | Sampling Date | RID Corrected | Re-verified? |
|-------------|---------------|---------------|--------------|
| | | | |
| | | | |

Total number of occurrences: 0

Step 1 Completed *Initials: SJK* *Date: 8/23/2024*

Step 2: Verify Data Deliverables

A. Have all data in question been delivered? Yes No

If yes, proceed; if no, indicate RIDs with missing data (samples or blanks) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken. Complete this step upon receipt of all missing data.

| RID | Submittal Date | Missing Data/Parameters | Date of Initial Verification | Date Missing Data Were Received |
|-----|----------------|-------------------------|------------------------------|---------------------------------|
| | | | | |

Total number of occurrences: 0

B. Do all of the analytical suites have the correct number and type of analytes. Yes No

If yes, proceed; if no, indicate RIDs with missing or incorrect analyte(s) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken.

| RID | Submittal Date | Missing or Incorrect Parameters | Action Taken | Re-verified? |
|-----|----------------|--|--------------|--------------|
| | | Refer to Step 4 for list and missing analytes. | | |

Step 2 Completed *Initials: SJK* *Date: 8/23/2024*

Step 3: Verify Flow Data

*Note – Not Applicable – no flow data provided with CMC sample collection

A. Identify incorrect or missing data on the flow calculation spreadsheet and correct errors.

| Station | Sampling Date | Flow data missing or incorrect? |
|---------|---------------|---------------------------------|
| | | |

Total number of occurrences: 0

B. Identify incorrect or missing discharge measurements, correct errors in database and re-verify.

| Station | Sampling Date | Flow data missing or incorrect? | Re-verified? |
|---------|---------------|---------------------------------|--------------|
| | | | |

Total number of occurrences: 0

Not Applicable
 Step 3 Completed Initials: SJG Date: 8/23/2024

Step 4: Verify Analytical Results for Missing Information or Questionable Results

Were any results with missing/questionable information identified? Yes No

If no, proceed; if yes, indicate results with missing information or questionable results or attach report. Contact data source and indicate action taken. Complete this step upon receipt of missing information or clarification of questionable results (clarify questionable results only, DO NOT change results without written approval (from lab or QA officer) and associated documentation).

| RID | Sample Date | Missing or Questionable Information/Results | Action Taken |
|------------------|-------------|---|--|
| Rio Grande South | 6/27/2024 | DO field data, collection protocol may have resulted in low DO reading. | Have reached out to the sampler there was a delay during sampling that could account for the low DO reading. |
| Rio Grande South | 6/27/2024 | Lab report did not include results for Ammonia (mg/L as N) | Notified AMAFCA (CMC member) of the missing parameter. |

| | | | |
|------------------|-----------|---|--|
| Rio Grande South | 6/27/2024 | Lab report did not include results for Benzo[a]pyrene | Notified AMAFCA (CMC member) of the missing parameter. |
|------------------|-----------|---|--|

*Note – Eurofins Job ID: 885-7077-1.

Total number of occurrences: 3

Step 4 Completed *Initials: SJJ Date: 8/23/2024*

Step 5: Validate Blanks Results

Were any analytes of concern detected in blank samples? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager, with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes have been added to database correctly.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database? * |
|-----|-------------|-----------|----------|-----------|------------------------------|-----------------------------------|
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged and include on *Validation Codes Form*.

Total number of occurrences: 0

Step 5 Completed *Initials: SJJ Date: 8/23/2024*

Step 6: Validate Holding Times Violations

Were any samples submitted that did not meet specified holding times? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database to ALL associated data?* |
|-----|-------------|-----------|---------|----------|------------------------------|---|
| | | | | | | |

| | | | | | | |
|------------------|-----------|-----------------|--|-----|---|-----|
| Rio Grande South | 6/27/2024 | Tetrahydrofuran | | yes | H | Yes |
| Rio Grande South | 6/27/2024 | Dieldrin | | yes | H | Yes |

*See validation procedures to determine which associated data need to be flagged.

*Note – Lab reports lists pH with hold time flag. Database uses field data reported pH, so this is hold time is not applicable.

Total number of occurrences: 2

Step 6 Completed *Initials: SJJ Date: 8/23/2024*

Step 7: Validate Replicate/Duplicate Results (if applicable)

Were any replicate/duplicate pairs submitted outside of the established control limit of 20%?

Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID Pairs | | Replicate or Duplicate? | Sample Date | Parameter | RPD | Validation Code/Flag Applied | Code/Flag verified in database applied?* |
|------------------|---------------|-------------------------|-------------|----------------------------------|-----|------------------------------|--|
| Rio Grande South | Lab Duplicate | Lab Duplicate | 6/27/2024 | Dieldrin | | yes | *+ |
| Rio Grande South | Lab Duplicate | Lab Duplicate | 6/27/2024 | 5 Semivolatile Organic Compounds | | yes | *+ |

Total number of occurrences: 6

Step 7 Completed *Initials: SJJ Date: 8/23/2024*

After all of the above steps have been completed, save and print the worksheet, attach all applicable supplemental information and sign below.

I acknowledge that the data verification and validation process has been completed for the data identified above in accordance with the procedures described in the CMC QAPP, SOP #2



8/23/2024

Data Verifier/Validator Signature

Date

COMPLETION OF DATA VERIFICATION AND VALIDATION PROCESS

Once the data verification and validation process has been completed for the entire study (note: if the worksheet is for a subset of the data from a study, be sure ALL the data for the entire study is included before final completion of the data verification and validation process), notify the NMSQUID administrator that the process is complete and request that “V V in STORET” be added to the project title.

Once all data have been verified and validated for a study provide copies of ALL *Data Verification and Validation Worksheets* and attachments associated with the study to the Quality Assurance Officer and retain originals in the project binder.

Attachment 1.2 SWQB Validation Codes

When deficiencies are identified through the data verification and validation process, AMAFCA documents or “flags” the deficiencies by assigning validation codes. All data collected from the last compliant QC sample and up to the next compliant QC sample are assigned validation codes. The validation code alerts the data user that the results are outside QA control limits and may require re-sampling or a separate, qualitative analysis based on professional judgment.

| Validation Code | Definition | WQX Equivalent |
|-----------------|--|----------------|
| A1 | Sample not collected according to SOP | |
| B1 | Chemical was detected in the field blank at a concentration less than 5% of the sample concentration. | |
| BN | Blanks NOT collected during sampling run | |
| BU | Detection in blank. Analyte was not detected in this sample above the method's sample detection limit. | BU |
| RB1 | Chemical was detected in the field blank at a concentration greater than or equal to 5% of the sample concentration. Results for this sample are rejected because they may be the result of contamination; the results may not be reported or used for regulatory compliance purposes. | B |
| R1 | Rejected due to incorrect sample preservation | R |
| R2 | Rejected due to equipment failure in the field | R |
| R3 | Rejected based on best professional judgment | R |
| D1 | Spike recovery not within method acceptance limits | |
| F1 | Sample filter time exceeded | |
| J1 | Estimated: the analyte was positively identified and the associated value is an approximate concentration of the analyte in the sample | J |
| K1 | Holding time violation | H |
| Ea | Estimated-Incubation temperature between 35.5 and 38.0° Celsius | |
| Er | Rejected-Incubation temperature < 34.5 or >38.0° Celsius | |
| PD1 | Percent difference between duplicate samples excessive | |
| S1 | Per SLD, uncertainties (sigmas) are expressed as one standard deviation, i.e. one standard error. Small negative or positive values that are less than two standard deviations should be interpreted as “less than the detection limit.” | |
| S2 | Data are suspect but deemed usable based on best professional judgment; documentation of justification is required and should be included in the Data Verification and Validation Packet and reported with results | |
| Z1 | Macroinvertebrate data did not meet QC criteria specified in Section 2.5 of QAPP | |
| H1 | Habitat data did not meet QC criteria specified in Section 2.5 of QAPP | |

Attachment 1.1 Water Quality Sample Data Verification and Validation Worksheet

Study Name: Compliance Monitoring Cooperative (CMC)

Year: FY 2024 (June 2024 – Dry Season Sample)

Project Coordinator: For Data Review and Reporting – SJG, BHI

V&V Reviewer: SJG

Data covered by this worksheet: Rio Grande (RG) North – 6/26/2024

Version of Verification/Validation Procedures: QAPP –AMAFCA SOP #5 (7/2022)

Step 1: Verify Field Data

A. Are all Field Data forms present and complete? Yes No

If yes, proceed; if no, attempt to locate missing forms, then indicate any remaining missing forms and action taken.

| Missing Field Data Forms | Action Taken |
|--------------------------|--------------|
| _____ | _____ |
| _____ | _____ |

Total number of occurrences: 0

B. Are station name and ID, and sampling date and time on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station and Parameter | Action Taken | Re-verified? |
|-----------------------|--------------|--------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Total number of occurrences: 0

C. Are field data on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station | Sampling Date | Parameter(s) Corrected | Re-verified? |
|---------|---------------|------------------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Total number of occurrences: 0

D. Are RIDs correct and associated with the correct analytical suite, media subdivision (e.g. surface water, municipal waste, etc.) and activity type (e.g. Field observation, Routine sample, QA sample etc.)?

Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify

| Station/RID | Sampling Date | RID Corrected | Re-verified? |
|-------------|---------------|---------------|--------------|
| | | | |

Total number of occurrences: 0

Step 1 Completed Initials: SJG Date: 8/21/2024

Step 2: Verify Data Deliverables

A. Have all data in question been delivered? Yes No

If yes, proceed; if no, indicate RIDs with missing data (samples or blanks) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken. Complete this step upon receipt of all missing data.

| RID | Submittal Date | Missing Data/Parameters | Date of Initial Verification | Date Missing Data Were Received |
|-----|----------------|-------------------------|------------------------------|---------------------------------|
| | | | | |

Total number of occurrences: 0

B. Do all of the analytical suites have the correct number and type of analytes. Yes No

If yes, proceed; if no, indicate RIDs with missing or incorrect analyte(s) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken.

| RID | Submittal Date | Missing or Incorrect Parameters | Action Taken | Re-verified? |
|-----|----------------|--|--------------|--------------|
| | | Refer to Step 4 for list and missing analytes. | | |

Total number of occurrences: 0

Step 2 Completed Initials: SJG Date: 8/21/2024

Step 3: Verify Flow Data

*Note – Not Applicable – no flow data provided with CMC sample collection

A. Identify incorrect or missing data on the flow calculation spreadsheet and correct errors.

| Station | Sampling Date | Flow data missing or incorrect? |
|---------|---------------|---------------------------------|
| | | |

Total number of occurrences: 0

B. Identify incorrect or missing discharge measurements, correct errors in database and re-verify.

| Station | Sampling Date | Flow data missing or incorrect? | Re-verified? |
|---------|---------------|---------------------------------|--------------|
| | | | |

Total number of occurrences: 0

Not Applicable
 Step 3 Completed Initials: SJG Date: 8/21/2024

Step 4: Verify Analytical Results for Missing Information or Questionable Results

Were any results with missing/questionable information identified? Yes No

If no, proceed; if yes, indicate results with missing information or questionable results or attach report. Contact data source and indicate action taken. Complete this step upon receipt of missing information or clarification of questionable results (clarify questionable results only, DO NOT change results without written approval (from lab or QA officer) and associated documentation).

| RID | Sample Date | Missing or Questionable Information/Results | Action Taken |
|------------------|-------------|---|--|
| Rio Grande North | 6/26/2024 | DO field data, collection protocol may have resulted in low DO reading. | Have reached out to the sampler there was a delay during sampling that could account for the low DO reading. |
| Rio Grande North | 6/26/2024 | Lab report did not include results for Ammonia (mg/L as N) | Notified AMAFCA (CMC member) of the missing parameter. |
| Rio Grande North | 6/26/2024 | Lab report did not include results for Benzo[a]pyrene | Notified AMAFCA (CMC member) of the missing parameter. |

Eurofins Job ID: 885-7077-1.

Total number of occurrences: 3

Step 4 Completed *Initials: SJK Date: 8/21/2024*

Step 5: Validate Blanks Results

Were any analytes of concern detected in blank samples? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager, with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes have been added to database correctly.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database? * |
|-----|-------------|-----------|----------|-----------|------------------------------|-----------------------------------|
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged and include on *Validation Codes Form*.

Total number of occurrences: 0

Step 5 Completed *Initials: SJK Date: 8/21/2024*

Step 6: Validate Holding Times Violations

Were any samples submitted that did not meet specified holding times? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database to ALL associated data?* |
|------------------|-------------|-----------------|---------|----------|------------------------------|---|
| Rio Grande North | 6/26/2024 | Tetrahydrofuran | | yes | H | Yes |
| Rio Grande North | 6/26/2024 | Dieldrin | | yes | H | Yes |

*See validation procedures to determine which associated data need to be flagged.

*Note – Lab reports lists pH with hold time flag. Database uses field data reported pH, so this is hold time is not applicable.
 The BOD has a hold time flag. The Rio Grande North sample was held until the CMC was sure the monitoring event was a qualifying storm event.
 This led to the hold time flag for BOD.

Total number of occurrences: 2

Step 6 Completed *Initials: SJJ Date: 8/21/2024*

Step 7: Validate Replicate/Duplicate Results (if applicable)

Were any replicate/duplicate pairs submitted outside of the established control limit of 20%?

Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID Pairs | | Replicate or Duplicate? | Sample Date | Parameter | RPD | Validation Code/Flag Applied | Code/Flag verified in database applied?* |
|------------------|---------------|-------------------------|-------------|----------------------------------|-----|------------------------------|--|
| Rio Grande North | Lab Duplicate | Lab Duplicate | 6/26/2024 | Dieldrin | | yes | *+ |
| Rio Grande North | Lab Duplicate | Lab Duplicate | 6/26/2024 | 5 Semivolatile Organic Compounds | | yes | *+ |

Total number of occurrences: 6

Step 7 Completed *Initials: SJJ Date: 8/21/2024*

After all of the above steps have been completed, save and print the worksheet, attach all applicable supplemental information and sign below.

I acknowledge that the data verification and validation process has been completed for the data identified above in accordance with the procedures described in the CMC QAPP, SOP #2



8/21/2024

Data Verifier/Validator Signature

Date

COMPLETION OF DATA VERIFICATION AND VALIDATION PROCESS

Once the data verification and validation process has been completed for the entire study (note: if the worksheet is for a subset of the data from a study, be sure ALL the data for the entire study is included before final completion of the data verification and validation process), notify the NMSQUID administrator that the process is complete and request that “V V in STORET” be added to the project title.

Once all data have been verified and validated for a study provide copies of ALL *Data Verification and Validation Worksheets* and attachments associated with the study to the Quality Assurance Officer and retain originals in the project binder.

Attachment 1.2 SWQB Validation Codes

When deficiencies are identified through the data verification and validation process, AMAFCA documents or “flags” the deficiencies by assigning validation codes. All data collected from the last compliant QC sample and up to the next compliant QC sample are assigned validation codes. The validation code alerts the data user that the results are outside QA control limits and may require re-sampling or a separate, qualitative analysis based on professional judgment.

| Validation Code | Definition | WQX Equivalent |
|-----------------|--|----------------|
| A1 | Sample not collected according to SOP | |
| B1 | Chemical was detected in the field blank at a concentration less than 5% of the sample concentration. | |
| BN | Blanks NOT collected during sampling run | |
| BU | Detection in blank. Analyte was not detected in this sample above the method's sample detection limit. | BU |
| RB1 | Chemical was detected in the field blank at a concentration greater than or equal to 5% of the sample concentration. Results for this sample are rejected because they may be the result of contamination; the results may not be reported or used for regulatory compliance purposes. | B |
| R1 | Rejected due to incorrect sample preservation | R |
| R2 | Rejected due to equipment failure in the field | R |
| R3 | Rejected based on best professional judgment | R |
| D1 | Spike recovery not within method acceptance limits | |
| F1 | Sample filter time exceeded | |
| J1 | Estimated: the analyte was positively identified and the associated value is an approximate concentration of the analyte in the sample | J |
| K1 | Holding time violation | H |
| Ea | Estimated-Incubation temperature between 35.5 and 38.0° Celsius | |
| Er | Rejected-Incubation temperature < 34.5 or >38.0° Celsius | |
| PD1 | Percent difference between duplicate samples excessive | |
| S1 | Per SLD, uncertainties (sigmas) are expressed as one standard deviation, i.e. one standard error. Small negative or positive values that are less than two standard deviations should be interpreted as “less than the detection limit.” | |
| S2 | Data are suspect but deemed usable based on best professional judgment; documentation of justification is required and should be included in the Data Verification and Validation Packet and reported with results | |
| Z1 | Macroinvertebrate data did not meet QC criteria specified in Section 2.5 of QAPP | |
| H1 | Habitat data did not meet QC criteria specified in Section 2.5 of QAPP | |

Attachment 1.1 Water Quality Sample Data Verification and Validation Worksheet

Study Name: Compliance Monitoring Cooperative (CMC)

Year: FY 2024 (June 2024 – Dry Season Sample)

Project Coordinator: For Data Review and Reporting – SJG, BHI

V&V Reviewer: SJG

Data covered by this worksheet: Alameda – 6/26/2024– E. coli Only Sample

Version of Verification/Validation Procedures: QAPP –AMAFCA SOP #5 (7/2022)

Step 1: Verify Field Data

A. Are all Field Data forms present and complete? Yes No

If yes, proceed; if no, attempt to locate missing forms, then indicate any remaining missing forms and action taken.

| Missing Field Data Forms | Action Taken |
|--------------------------|--------------|
| _____ | _____ |
| _____ | _____ |

Total number of occurrences: 0

B. Are station name and ID, and sampling date and time on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station and Parameter | Action Taken | Re-verified? |
|-----------------------|--------------|--------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Total number of occurrences: 0

C. Are field data on forms consistent with database? Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify.

| Station | Sampling Date | Parameter(s) Corrected | Re-verified? |
|---------|---------------|------------------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Total number of occurrences: 0

D. Are RIDs correct and associated with the correct analytical suite, media subdivision (e.g. surface water, municipal waste, etc.) and activity type (e.g. Field observation, Routine sample, QA sample etc.)?

Yes No

If yes, proceed; if no, indicate errors identified, correct errors in database and re-verify

| Station/RID | Sampling Date | RID Corrected | Re-verified? |
|-------------|---------------|---------------|--------------|
| | | | |
| | | | |

Total number of occurrences: 0

Step 1 Completed *Initials: SJJ Date: 8/13/2024*

Step 2: Verify Data Deliverables

A. Have all data in question been delivered? Yes No

If yes, proceed; if no, indicate RIDs with missing data (samples or blanks) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken. Complete this step upon receipt of all missing data.

| RID | Submittal Date | Missing Data/Parameters | Date of Initial Verification | Date Missing Data Were Received |
|-----|----------------|-------------------------|------------------------------|---------------------------------|
| | | | | |
| | | | | |

Total number of occurrences: 0

B. Do all of the analytical suites have the correct number and type of analytes. Yes No

If yes, proceed; if no, indicate RIDs with missing or incorrect analyte(s) or attach report with applicable RIDs highlighted. Contact data source and indicate action taken.

| RID | Submittal Date | Missing or Incorrect Parameters | Action Taken | Re-verified? |
|-----|----------------|---------------------------------|--------------|--------------|
| | | | | |
| | | | | |

Step 2 Completed *Initials: SJJ Date: 8/13/2024*

Step 3: Verify Flow Data

*Note – Not Applicable – no flow data provided with CMC sample collection

A. Identify incorrect or missing data on the flow calculation spreadsheet and correct errors.

| Station | Sampling Date | Flow data missing or incorrect? |
|---------|---------------|---------------------------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Total number of occurrences: **0**

B. Identify incorrect or missing discharge measurements, correct errors in database and re-verify.

| Station | Sampling Date | Flow data missing or incorrect? | Re-verified? |
|---------|---------------|---------------------------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Total number of occurrences: **0**

Not Applicable
 Step 3 Completed Initials: SJG Date: 8/13/2024

Step 4: Verify Analytical Results for Missing Information or Questionable Results

Were any results with missing/questionable information identified? Yes No

If no, proceed; if yes, indicate results with missing information or questionable results or attach report. Contact data source and indicate action taken. Complete this step upon receipt of missing information or clarification of questionable results (clarify questionable results only, DO NOT change results without written approval (from lab or QA officer) and associated documentation).

| RID | Sample Date | Missing or Questionable Information/Results | Action Taken |
|-----|-------------|---|--|
| | 6/26/2024 | DO field data, collection protocol may have resulted in low DO reading. | Have reached out to the sampler to determine if there were any issues during sampling that could account for the low DO reading. |

Total number of occurrences: 1

Step 4 Completed *Initials: SJJ Date: 8/13/2024*

Step 5: Validate Blanks Results

Were any analytes of concern detected in blank samples? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager, with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes have been added to database correctly.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database? * |
|-----|-------------|-----------|----------|-----------|------------------------------|-----------------------------------|
| | | | | | | |
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged and include on *Validation Codes Form*.

Total number of occurrences: 0

Step 5 Completed *Initials: SJJ Date: 8/13/2024*

Step 6: Validate Holding Times Violations

Were any samples submitted that did not meet specified holding times? Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID | Sample Date | Parameter | [Blank] | [Sample] | Validation Code/Flag Applied | Code/Flag verified in database to ALL associated data?* |
|-----|-------------|-----------|---------|----------|------------------------------|---|
| | | | | | | |
| | | | | | | |

*See validation procedures to determine which associated data need to be flagged.

Total number of occurrences: 0

Step 6 Completed *Initials: SJJ Date: 8/13/2024*

Step 7: Validate Replicate/Duplicate Results (if applicable)

Were any replicate/duplicate pairs submitted outside of the established control limit of 20%?

Yes No

If no, proceed; if yes, list results that need to have validation codes applied in the database save these results as an excel file and forward to QA officer or Program Manager with a request to add appropriate validation codes to database. Complete this step after verifying that validation codes/flags have been added to database.

| RID Pairs | Replicate or Duplicate? | Sample Date | Parameter | RPD | Validation Code/Flag Applied | Code/Flag verified in database applied?* |
|-----------|-------------------------|-------------|-----------|-----|------------------------------|--|
| | | | | | | |
| | | | | | | |

N/A – no duplicate/replicate results

Total number of occurrences: 0

Step 7 Completed *Initials: SJK Date: 8/13/2024*

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I acknowledge that the data verification and validation process has been completed for the data identified above in accordance with the procedures described in the CMC QAPP, SOP #2



8/13/24

Data Verifier/Validator Signature

Date

COMPLETION OF DATA VERIFICATION AND VALIDATION PROCESS

Once the data verification and validation process has been completed for the entire study (note: if the worksheet is for a subset of the data from a study, be sure ALL the data for the entire study is included before final completion of the data verification and validation process), notify the NMSQUID administrator that the process is complete and request that “V V in STORET” be added to the project title.

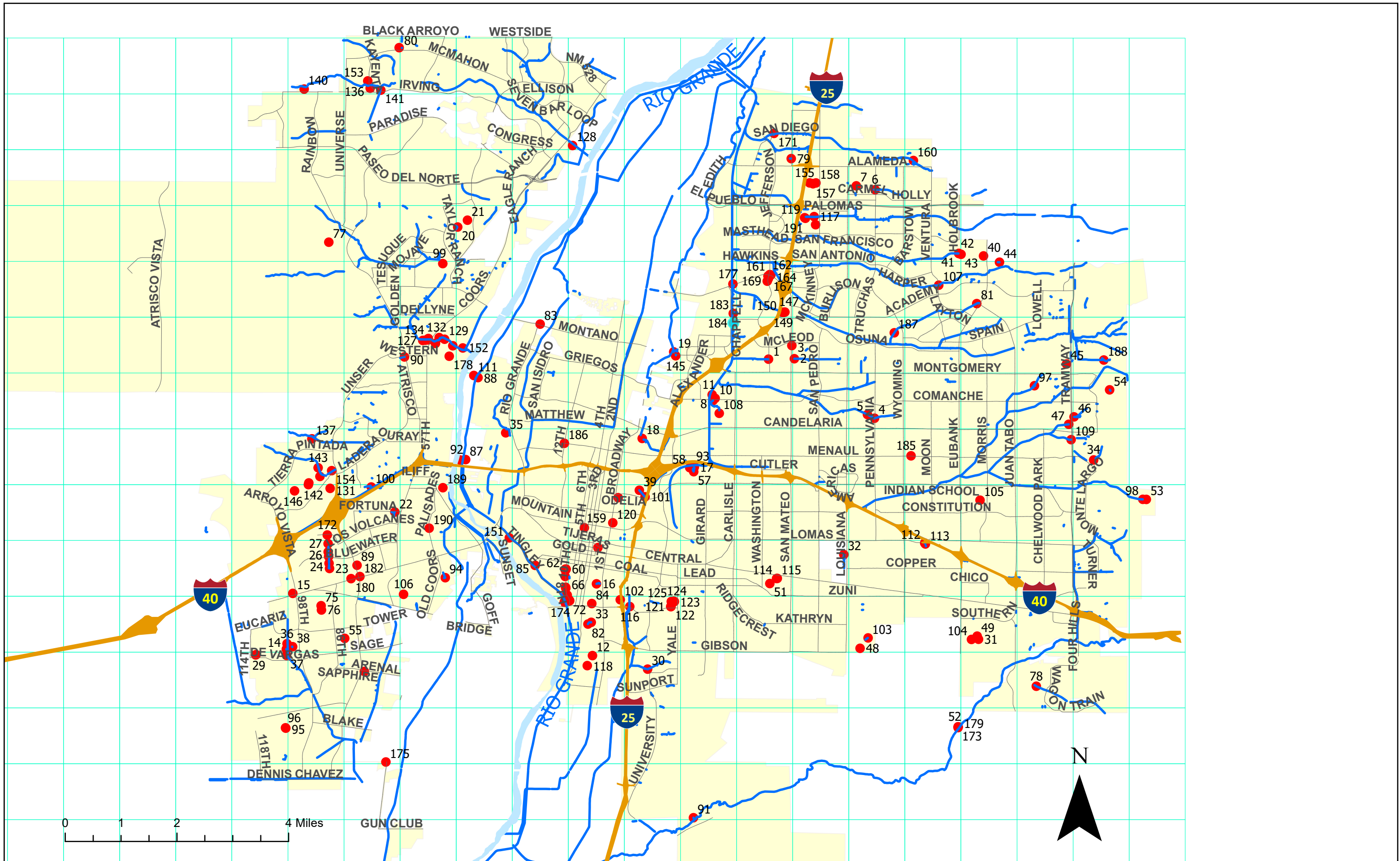
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| K1 | Holding time violation | H |
| Ea | Estimated-Incubation temperature between 35.5 and 38.0° Celsius | |
| Er | Rejected-Incubation temperature < 34.5 or >38.0° Celsius | |
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| S2 | Data are suspect but deemed usable based on best professional judgment; documentation of justification is required and should be included in the Data Verification and Validation Packet and reported with results | |
| Z1 | Macroinvertebrate data did not meet QC criteria specified in Section 2.5 of QAPP | |
| H1 | Habitat data did not meet QC criteria specified in Section 2.5 of QAPP | |

Attachment 2
List and Map of COA
Stormwater Quality Features



STORMWATER QUALITY FEATURES 2023

LIST OF STORMWATER QUALITY FEATUR

| ID | MAP KEY | LOCATION | STRUCTURE NAME |
|----|---------|---------------------------------------|-----------------------|
| 1 | f17 | JEFFERSON 0.25 M N MONTGOMERY | SECURITY RACK |
| 2 | f18 | SAN MATEO 0.25 M N MONGOMERY | SECURITY RACK |
| 3 | f17 | SAN MATEO 0.1 M S MCLEOD | SECURITY RACK |
| 4 | g19 | PENNSYLVANIA 0.2 M N CANDELARIA | SECURITY RACK |
| 5 | g19 | AZTEC 0.1 M W PENSYLVANIA | SECURITY RACK |
| 6 | c19 | WYOMING 0.25 M N PASEO DEL NORTE | trash rack |
| 7 | c19 | 0.2 M SE LOUISIANA AND CORONA | SECURITY RACK |
| 8 | g16 | 0.1 M SW COMANCHE AND BRYN MAWR | trash rack |
| 9 | g16 | 0.2 M NW COMANCHE AND BRYN MAWR | SECURITY RACK |
| 10 | g16 | 0.1 M NW COMANCHE AND BRYN MAWR | SECURITY RACK |
| 11 | g16 | 0.15 M NW COMANCHE AND BRYN MAWR | trash rack |
| 12 | m14 | Mechem Pond Conc-Box | concrete box spillway |
| 13 | m10 | 0.1 M SE ARENAL AND UNSER | trash rack |
| 14 | l08 | 0.1 M NE 102ND ST AND PEACOCK | SECURITY RACK |
| 15 | k09 | 0.1 M NW CENTRAL AND 98TH ST | trash rack |
| 16 | k14 | 0.1 M SW BROADWAY AND HAZELDINE SW | concrete box spillway |
| 17 | h16 | CUTLER AND PRINCETON PS inlet | trash rack |
| 18 | h15 | 0.25 M SE CANDELARIA AND EDITH | trash rack |
| 19 | f15 | 0.25 M NE MONTANO AND EDITH | trash rack |
| 20 | d12 | PRIMROSE AND FIREWHEEL | trash rack |
| 21 | d12 | 0.2 M SW GOLF COURSE AND BUTTERFIELD | trash rack |
| 22 | j10 | 0.1 M SW COORS AND FORTUNA | trash rack |
| 23 | k09 | 0.5 M SW UNSER AND BLUEWATER | ported riser |
| 24 | k09 | 0.4 M SW UNSER AND BLUEWATER | ported riser |
| 25 | k09 | BLUEWATER 0.4 M W UNSER | ported riser |
| 26 | k09 | 0.4 M NW UNSER AND BLUEWATER | ported riser |
| 27 | k09 | 0.5 M NW UNSER AND BLUEWATER | ported riser |
| 28 | m08 | TEAL AND OSPREY-small | SECURITY RACK |
| 29 | m08 | TEAL AND OSPREY | SECURITY RACK |
| 30 | m15 | 0.1 M SW UNIVERSITY AND SAN JOSE | SECURITY RACK |
| 31 | l21 | 0.5 M SE EUBANK AND SOUTHERN | trash rack |
| 32 | k18 | Expo NM Pond at LOMAS AND LOUISIANA | Ported Riser |
| 33 | l14 | WILLIAM AND KATHRYN | SECURITY RACK |
| 34 | h23 | PIEDRALISA DAM at 0.2 M NE MENAUL AND | ported riser |
| 35 | h12 | LOS ANAYAS AND LOS LUCEROS | trash rack |
| 36 | l08 | SE HACKAMORE AND HALTER | trash rack |
| 37 | m08 | NE PEACOCK AND TEAL | trash rack |
| 38 | l09 | TERRACOTTA AND MALACHITE | trash rack |
| 39 | j15 | NE ODELIA AND LOCUST | ported riser |
| 40 | d21 | NW EUBANK AND SANTA MONICA | ported riser |
| 41 | d20 | 0.1 M S HOLBROOK AND FREEDOM-north | SECURITY RACK |
| 42 | d20 | 0.1 M S HOLBROOK AND FREEDOM-south | SECURITY RACK |
| 43 | d20 | 0.1 M SW QUINTESENCE AND TOULON | trash rack |
| 44 | e21 | SAN ANTONIO 0.2 M E EUBANK | SECURITY RACK |

| ID | MAP KEY | LOCATION | STRUCTURE NAME |
|-----------|----------------|---|--------------------------|
| 45 | f22 | EASEMENT NEXT TO HOUSE# 4800 OAHU NE | trash rack |
| 46 | g23 | TRAMWAY 0.25 M N CANDELARIA | trash rack |
| 47 | g22 | TRAMWAY 0.1 M N CANDELARIA | security rack |
| 48 | l19 | KAFB DET DAM AT LOUISIANA AND GIBSON | trash rack |
| 49 | l21 | Manzano mesa pond-north rack | trash rack |
| 50 | k13 | NW 8TH ST AND ATLANTIC | trash rack |
| 51 | k17 | NE COAL AND JEFFERSON | trash rack |
| 52 | n20 | EUBANK 1.25 M S GIBSON | security rack |
| 53 | j24 | 0.4 M E INDIAN SCHOOL AND HAINES | ported riser |
| 54 | g23 | 0.1 M SE HIDDEN VALLEY AND DEER TRAIL | trash rack |
| 55 | l10 | SE TOWER AND 86TH ST | bee hive trash rack |
| 56 | l13 | 0.2 M NW BRIDGE AND 8TH ST | security rack |
| 57 | h16 | PRINCETON AND CUTLER | trash rack |
| 58 | h16 | 200 FT NORTH OF CUTLER AND PRINCETON N | trash rack |
| 59 | k13 | 8th west of 717 stover sw | Inlets with Trash Screen |
| 60 | k13 | 8th st sw west of 717 stover sw | Inlets with Trash Screen |
| 61 | k13 | 8th east of 801 stover sw | Inlets with Trash Screen |
| 62 | k13 | 801 stover sw | Inlets with Trash Screen |
| 63 | k13 | 800 stover sw | Inlets with Trash Screen |
| 64 | k13 | 8th east of 800 stover sw | Inlets with Trash Screen |
| 65 | k13 | 8th west of 724 stover sw | Inlets with Trash Screen |
| 66 | k13 | 8th east of 800 pacific sw | Inlets with Trash Screen |
| 67 | k13 | 800 pacific sw | Inlets with Trash Screen |
| 68 | k13 | pacific s of 1017 8th sw | Inlets with Trash Screen |
| 69 | k13 | 806 Marquez sw | Inlets with Trash Screen |
| 70 | k13 | Marquez south of 1223 8th sw | Inlet with Trash Screen |
| 71 | k13 | 1304 8th sw | Inlet with Trash Screen |
| 72 | l14 | 1412 8th sw | Inlet with Trash Screen |
| 73 | l14 | 1411 8th sw | Inlet with Trash Screen |
| 74 | l14 | 1407 8th sw | Inlet with Trash Screen |
| 75 | l09 | 90th st se, 150 ft south of sunset gardens se | Trash Screen |
| 76 | l09 | 90th st se, 550 ft south of sunset gardens se | Trash Screen |
| 77 | d09 | 8501 Groundsel nw | Trash Screen |
| 78 | m22 | four hills arroyo at sage brush | Trash Screen |
| 79 | c17 | 5117 blue sage ne (and san mateo) | Security Rack |
| 80 | a10 | 6200 Nueva Espana nw | Trash Screen |
| 81 | e21 | Academy hills park-Eubank and Juan Tabo | Trash Screen |
| 82 | l14 | ported riser inside William-Kathryn pond | ported riser |
| 83 | f13 | PS 47 Rio Grande BLVD - Montanio | MECHANICAL TRASH RA |
| 84 | l14 | 101 bell at commercial-ps 37 mech bar scree | MECHANICAL TRASH RA |
| 85 | k13 | 900 ALCALDE SW PS 41 mech bar screen | MECHANICAL TRASH RA |
| 86 | k14 | 200 1ST ST NW PS 43 | MECHANICAL TRASH RA |
| 87 | h12 | 3241 DURANES NW PS 30 | mechanical trash rack |
| 88 | g12 | 3001 CANDELARIA NW PS 40 | mechanical trash rack |
| 89 | k10 | UNSER & BLUEWATER | ported riser |
| 90 | f11 | ladera 16-at atrisco and western trail | trash rack |
| 91 | p16 | Airport-Tijeras outfall | Security Screen |

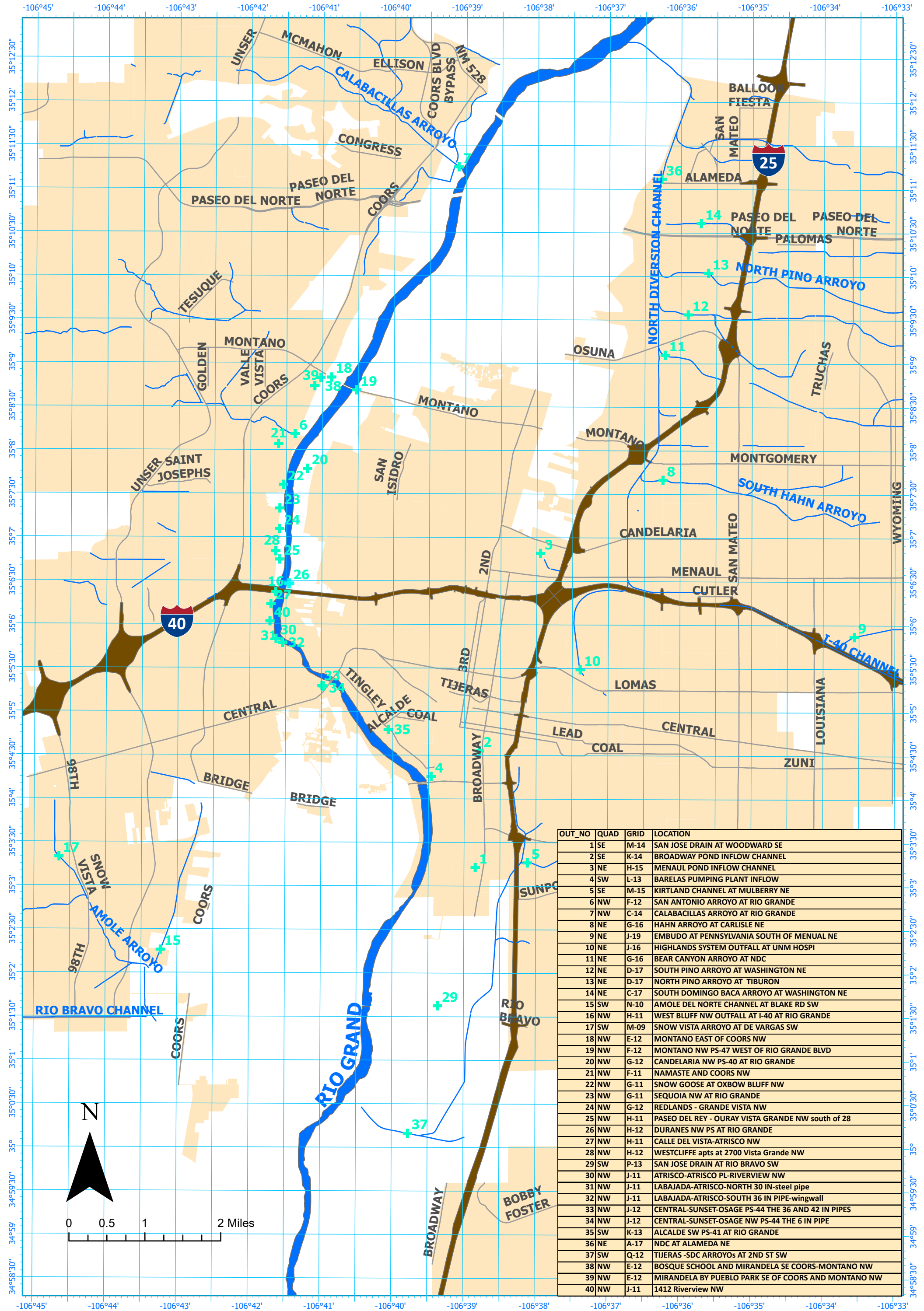
| ID | MAP KEY | LOCATION | STRUCTURE NAME |
|-----------|----------------|--|-----------------------|
| 92 | h12 | Durance pump-discharge pipe | Security Screen |
| 93 | h16 | Princeton ps discharge pipes-4 pipes | Security Screen |
| 94 | k11 | Gonzalez outlet pipe | concrete box |
| 95 | n08 | sierra sunset park-south 54 in pipe | Trash screen |
| 96 | n08 | SIERRA SUNSET PARK-NORTH 48 IN PIPE | Trash screen |
| 97 | g22 | 11805 la Charles NE | Security screen |
| 98 | j24 | Embudo principal spillway pipe-security rack | security rack |
| 99 | e11 | inside Mariposa pond | hooded riser |
| 100 | j10 | laurelwood pond | concrete box |
| 101 | j15 | Odelia-I-25 tunnels | security rack |
| 102 | j14 | high-lewis outlets | security rack |
| 103 | l19 | KAFB pond - north inlets | security rack |
| 104 | l21 | manzano mesa south round trash rack | Stormceptor |
| 105 | j21 | 1609 betts ne | SWQ MH |
| 106 | k11 | 600 Fresam sw | permeable pavement |
| 107 | e20 | south pino arroyo at ventura | SWQ structure |
| 108 | g16 | Aztec and Bryn Mawr ne | 2 SWQ Inlets |
| 109 | h22 | piedra lisa arroyo at tramway | Permeable pavers |
| 110 | d18 | south domingo baca arroyo-west of san pedr | Bio-Swales |
| 111 | g12 | 3001 CANDELARIA PS 40 outfall | security rack |
| 112 | k20 | I-40-lomas-animal shelter | TRASH RACK |
| 113 | k20 | los altos park and animal shelter | SECURITY RACK |
| 114 | k17 | Highland Senior Center at 131 Monroe St NE | SWQF |
| 115 | k17 | Highland Senior Center at 131 Monroe St NE | SWQF |
| 116 | L15 | avanida cesar chavez se at I-25 | swq-mh |
| 117 | d18 | pino yard at pino and san pedro | SWQF |
| 118 | g16 | san jose park at san jose and topeka se | SWQF |
| 119 | d18 | pino yard at pino and san pedro | SWQF |
| 120 | j14 | Marble-Arno PS | Mechanical Barscreen |
| 121 | l15 | sb Buena vista north of avenida cesar chavez | swq-inlet |
| 122 | l15 | nb Buena vista north of avenida cesar chavez | swq-inlet |
| 123 | l15 | Bell east of wilmoore | swq-inlet |
| 124 | l15 | Bell west of wilmoore | swq-inlet |
| 125 | l15 | Bell east of buena vista | swq-inlet |
| 126 | f11 | End of McNary | swq-inlet |
| 127 | f11 | end of Hayden | swq-inlet |
| 128 | b14 | westside-Riverf Front NW east of coors | swq-inlet |
| 129 | f11 | Mi Cordelia NW-East of Cordelia R/W by arry | swq-mh |
| 130 | f11 | Sevilla | swq-mh |
| 131 | j9 | Parkway-Lynnhaven-Somerset NW | swq-mh |
| 132 | f11 | sevlla east of calle espana | swq-inlet |
| 133 | f11 | monte frio north of eduardo | swq-mh |
| 134 | f11 | costa maresme | swq-mh |
| 135 | f11 | stafford | swq-mh |
| 136 | a10 | sierra nevada NW | swq-mh |
| 137 | h9 | end of mesa rain | swq-mh |
| 138 | h9 | end of casa vistosa | swq-mh |

| ID | MAP KEY | LOCATION | STRUCTURE NAME |
|-----------|----------------|----------------------------------|-----------------------|
| 139 | h9 | casa verde | swq-mh |
| 140 | a9 | prickly brush | swq-mh |
| 141 | a10 | pyrenees and Irving NW | swq-inlet |
| 142 | h9 | casa verde | swq-mh |
| 143 | h9 | end of eagle river | swq-inlet |
| 144 | f15 | montano-montbel | PORTED RISER |
| 145 | j9 | montano-montbel | ported riser |
| 146 | j9 | summer breeze-stormcloud | swq-mh |
| 147 | e17 | osuna-san mateo-i-25 | swq-mh |
| 148 | e17 | osuna-san mateo-i-25 | swq-mh |
| 149 | e17 | osuna-san mateo-i-25 | swq-mh |
| 150 | e17 | osuna-san mateo-i-25 | swq-mh |
| 151 | j12 | tingley-central | swq-inlet |
| 152 | f12 | end of vallebonita | swq-inlet |
| 153 | a10 | burgos-kayenta NW | swq-mh |
| 154 | h9 | ladera | swq-mh |
| 155 | c18 | end of corona | swq-inlet |
| 156 | c18 | ute south of corona | swq-inlet |
| 157 | c18 | ute south of corona | swq-inlet |
| 158 | c18 | corona west of san pedro | swq-inlet |
| 159 | j14 | ne of fruit and 5th | swq-inlet |
| 160 | c20 | end of oak ridge | swq-mh |
| 161 | e17 | ne of osuna and jefferson | swq-inlet |
| 162 | e17 | ne of osuna and jefferson | swq-inlet |
| 163 | e17 | ne of osuna and jefferson | swq-inlet |
| 164 | e17 | ne of osuna and jefferson | swq-inlet |
| 165 | e17 | se of osuna and jefferson | swq-inlet |
| 166 | e17 | se of osuna and jefferson | swq-inlet |
| 167 | e17 | jefferson south of osuna | swq-inlet |
| 168 | e17 | jefferson south of osuna | swq-inlet |
| 169 | e17 | jefferson south of osuna | swq-inlet |
| 170 | e17 | se of osuna and jefferson | swq-inlet |
| 171 | b17 | san diego west of san mateo | swq-inlet |
| 172 | j9 | daytona-los volcanes-unser | SWQF |
| 173 | n20 | Eubank outfall at Tijeras arroyo | SWQF |
| 174 | l13 | barelas ps screen | TRASH RACK |
| 175 | n10 | FLORA VISTA and COORS | SWQF |
| 176 | j14 | AQ pond-end of franciscan | CONC-BOX |
| 177 | e16 | osuna-ndc | swq-mh |
| 178 | f11 | end of namaste-rio grande-SWQ-MH | swq-mh |
| 179 | n20 | EUBANK OUTFALL SWQF | INFILTRATION BED |
| 180 | k10 | central-sarracino | ported riser |
| 181 | k10 | ne-nw central-unser | ported riser |
| 182 | k10 | ne central-unser nw | LID swq inlet |
| 183 | e16 | ndc north of singer ne | SWQ MH |
| 184 | f16 | west of commons-midway park ne | SWQ NMDOT type inlet- |
| 185 | h20 | phoenix and menaul | swq inlet |

| ID | MAP KEY | LOCATION | STRUCTURE NAME |
|-----------|----------------|-----------------------------------|-----------------------|
| 186 | H-13 | Menaul and 12TH st NW | SWQ MH |
| 187 | F-19 | lower bear tributary SWQ facility | trash fences |
| 188 | f23 | 4801 calle de luna ne | TRASH RACK |
| 189 | D18 | Pino yard pond at 5501 pino ne | SWQ pond lining |

Attachment 3
FY24 Dry Weather Screening

**Dry Weather Screening
of Outfalls
2024
Report**



Outfall Locations

DRY WEATHER OUTFALLS SCREENING 2024

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LOCATION **SAN JOSE DRAIN AT BETHEL SE**

OUTFALL_NO **1** QUAD **SE** GRID **M-14** SAMPLED

DATE_INSP **3/5/2024** TIME **9:00** Inspected by **JA/DL***

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link [X:\MD\SHARE\MD-Storm\7_NPDES\311_SWQ_Complaints\2024\2 - DW Screening-2023-2024\East\1-M](X:\MD\SHARE\MD-Storm\7_NPDES\311_SWQ_Complaints\2024\2-DW_Screening-2023-2024\East\1-M)

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 42 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



1

*JA = Javier Ayala, stormwater inspector
DL = DJ Laskowski, stormwater inspector

LOCATION **BROADWAY POND INFLOW CHANNEL**

OUTFALL_NO **2** QUAD **SE** GRID **K-14** SAMPLED

DATE_INSP **3/4/2024** TIME **10:00** Inspected by **KO/ML***

WEATHER **SUNNY** flow **Y** FLOW_GPM **0.1**

APPEARANCE **clear** GROSS POLLUTANT **none**

Source of Flow **Irrigation, well wash, fire hydants discharge**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\2-K>

| | | | |
|--|------|---------------------------|------------|
| AIR_TEMP_F | | Lab | Eurofins |
| WATER_TEMP_F | | Lab_Report | 885-1602-1 |
| pH | 8.1 | E_coli_Coliform_mpn/100ml | 16.1 |
| CONDUCTIVITY_Umos/cm | 580 | Ammonia_mg/l | ND |
| BOD_mg/l | <2 | Nitrite_NO2_mg/l | ND |
| COD_mg/l | ND | Nitrate_NO3_mg/l | 0.28 |
| TSS_mg/l | ND | TKN_Tot_Kjeld_N_mg/l | 0.77 |
| TDS_mg/l | 380 | Phosphorus_total_mg/l_P | 0.42 |
| N-Hexane Extractable-(Oil_Grease)_mg/l | ND | Hardness_mg/l_CaCO3 | 190 |
| Floride_mg/l | 0.56 | Chlorine_mg/l | ND |



*KO = Kyle O'Malley, engineering assistant
ML = Miguel Luna, stormwater inspector

LOCATION **MENAU POND INFLOW CHANNEL**

OUTFALL_NO **3** QUAD **NE** GRID **H-15** SAMPLED

DATE_INSP **3/5/2024** TIME **10:00** Inspected by **JA/DL**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\3-H>

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 55 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



LOCATION **BARELAS PUMPING PLANT INFLOW**

OUTFALL_NO **4** QUAD **SW** GRID **L-13** SAMPLED

DATE_INSP **4/4/2024** TIME **1:30** Inspected by **KO/ML**

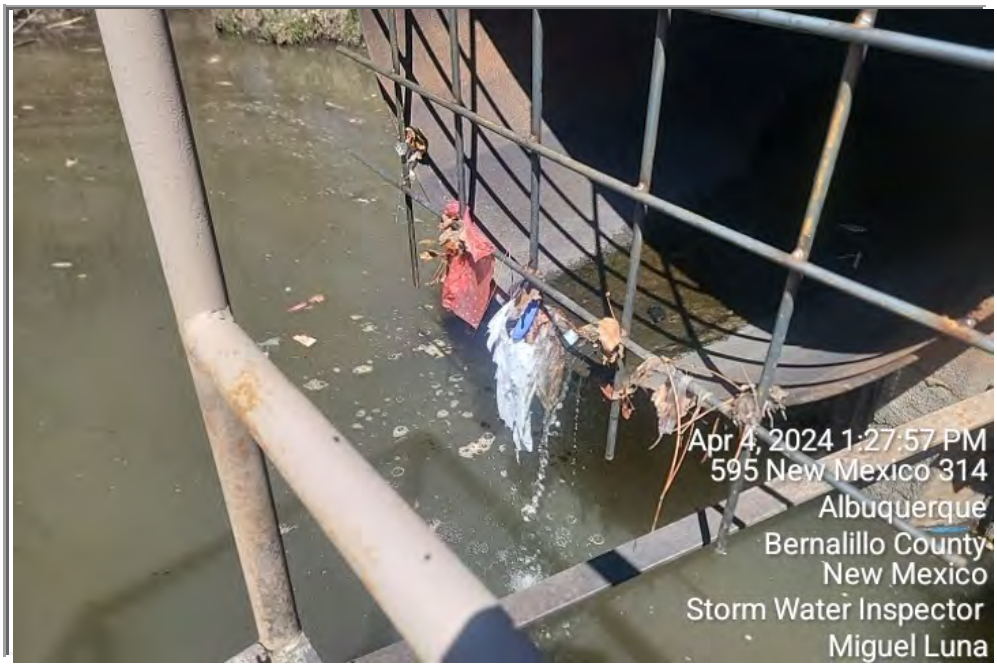
WEATHER **SUNNY** flow **Y** FLOW_GPM **0.1**

APPEARANCE **clear** GROSS POLLUTANT **none**

Source of Flow **groundwater infiltration to the storm lines**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\4-L>

| | | | |
|--|------|---------------------------|------------|
| AIR_TEMP_F | 68 | Lab | Eurofins |
| WATER_TEMP_F | | Lab_Report | 885-2402-1 |
| pH | 8 | E_coli_Coliform_mpn/100ml | >2419.6 |
| CONDUCTIVITY_Umos/cm | 690 | Ammonia_mg/l | nd |
| BOD_mg/l | 2.1 | Nitrite_NO2_mg/l | nd |
| COD_mg/l | nd | Nitrate_NO3_mg/l | 0.14 |
| TSS_mg/l | nd | TKN_Tot_Kjeld_N_mg/l | 0.6 |
| TDS_mg/l | 450 | Phosphorus_total_mg/l_P | 0.19 |
| N-Hexane Extractable-(Oil_Grease)_mg/l | nd | Hardness_mg/l_CaCO3 | 240 |
| Floride_mg/l | 0.61 | Chlorine_mg/l | 0.07 |



LOCATION **KIRTLAND CHANNEL AT MULBERRY NE**

OUTFALL_NO **5** QUAD **SE** GRID **M-15** SAMPLED

DATE_INSP **3/22/2024** TIME **11:00** Inspected by **JA/DL**

WEATHER **SUNNY** flow **N** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\5-M>

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 56 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|---|------|-----------------|--------------|-------|---------|--------------------------|
| LOCATION | SAN ANTONIO ARROYO AT RIO GRANDE | | | | | | |
| OUTFALL_NO | 6 | QUAD | NW | GRID | F-12 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/22/2024 | TIME | 10:00am | Inspected by | JA/DL | | |
| WEATHER | SUNNY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\6-F>

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 60 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



LOCATION **CALABACILLAS ARROYO AT RIO GRANDE**

OUTFALL_NO **7** QUAD **NW** GRID **C-14** SAMPLED

DATE_INSP **4/5/2024** TIME **3:00pm** Inspected by **KO/ML**

WEATHER **CLOUDY** flow **N** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\7-C>

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 65 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Floride_mg/l | | Chlorine_mg/l | |



Mar 6, 2024 2:52:28 PM
 4304 Loren Avenue Northwest
 Albuquerque
 Bernalillo County
 New Mexico
 Storm Water Inspector
 Miguel Luna

| | | | | | | |
|----------------|-----------------------------------|------|-----------------|--------------|-------|---|
| LOCATION | HAHN ARROYO AT CARLISLE NE | | | | | |
| OUTFALL_NO | 8 | QUAD | NE | GRID | G-16 | SAMPLED <input checked="" type="checkbox"/> |
| DATE_INSP | 3/27/2024 | TIME | 10:00am | Inspected by | JA/DL | |
| WEATHER | CLOUDY | flow | Yes | FLOW_GPM | 0 | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | |
| Source of Flow | na | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\8-G>

| | | | | |
|--|------|---------------------------|------------|--|
| AIR_TEMP_F | 42 | Lab | Eurofins | |
| WATER_TEMP_F | | Lab_Report | 885-1871-1 | |
| pH | | E_coli_Coliform_mpn/100ml | 5.2 | |
| CONDUCTIVITY_Umos/cm | 550 | Ammonia_mg/l | ND | |
| BOD_mg/l | 5.1 | Nitrite_NO2_mg/l | ND | |
| COD_mg/l | ND | Nitrate_NO3_mg/l | 0.18 | |
| TSS_mg/l | ND | TKN_Tot_Kjeld_N_mg/l | 2.1 | |
| TDS_mg/l | 310 | Phosphorus_total_mg/l_P | 0.49 | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | ND | Hardness_mg/l_CaCO3 | 180 | |
| Fluoride_mg/l | 0.57 | Chlorine_mg/l | ND | |



LOCATION **EMBUDO AT PENNSYLVANIA SOUTH OF MENCAL NE**

OUTFALL_NO **9** QUAD **NE** GRID **J-19** SAMPLED

DATE_INSP **3/26/2024** TIME **10:30am** Inspected by **JA/DL**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\9-J1>

| | | | |
|--|-----|---------------------------|------------|
| AIR_TEMP_F | 50 | Lab | Eurofins |
| WATER_TEMP_F | | Lab_Report | 885-1789-1 |
| pH | 8.1 | E_coli_Coliform_mpn/100ml | ND |
| CONDUCTIVITY_Umos/cm | 490 | Ammonia_mg/l | ND |
| BOD_mg/l | ND | Nitrite_NO2_mg/l | ND |
| COD_mg/l | ND | Nitrate_NO3_mg/l | 0.14 |
| TSS_mg/l | ND | TKN_Tot_Kjeld_N_mg/l | ND |
| TDS_mg/l | 300 | Phosphorus_total_mg/l_P | 0.31 |
| N-Hexane Extractable-(Oil_Grease)_mg/l | ND | Hardness_mg/l_CaCO3 | 160 |
| Fluoride_mg/l | 0.5 | Chlorine_mg/l | ND |



Mar 26, 2024 10:33:58 AM
 1401 Pennsylvania Street Northeast
 Albuquerque
 Bernalillo County
 New Mexico

LOCATION **NDC AT TUCKER**

OUTFALL_NO **10** QUAD **NE** GRID **J-16** SAMPLED

DATE_INSP **4/3/2024** TIME **10:30am** Inspected by **NR***

WEATHER **SUNNY** flow **No** FLOW_GPM **0**

APPEARANCE _____ GROSS POLLUTANT _____

Source of Flow _____

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\10-J>

| | | | |
|--|------|---------------------------|--------------------|
| AIR_TEMP_F | 48 | Lab | HALL ENVIRONMENTAL |
| WATER_TEMP_F | 37 | Lab_Report | 2212536 |
| pH | 8.29 | E_coli_Coliform_mpn/100ml | 1046.2 |
| CONDUCTIVITY_Umos/cm | 300 | Ammonia_mg/l | <5 |
| BOD_mg/l | <12. | Nitrite_NO2_mg/l | <0.5 |
| COD_mg/l | 176 | Nitrate_NO3_mg/l | <0.5 |
| TSS_mg/l | 16 | TKN_Tot_Kjeld_N_mg/l | <5 |
| TDS_mg/l | 240 | Phosphorus_total_mg/l_P | 0.09 |
| N-Hexane Extractable-(Oil_Grease)_mg/l | <9.5 | Hardness_mg/l_CaCO3 | 120 |
| Floride_mg/l | <0.5 | Chlorine_mg/l | <0.05 |



Apr 3, 2024 10:18:49 AM
 1267 Tucker Avenue Northeast
 Albuquerque
 Bernalillo County
 New Mexico

LOCATION **BEAR CANYON ARROYO AT NDC**

OUTFALL_NO **11** QUAD **NE** GRID **G-16** SAMPLED

DATE_INSP **3/5/2024** TIME **2:12** Inspected by **JA/DL**

WEATHER **CLOUDY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\11->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 49 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|---|------|-----------------|--------------|-------|---------|--------------------------|
| LOCATION | SOUTH PINO ARROYO AT WASHINGTON NE | | | | | | |
| OUTFALL_NO | 12 | QUAD | NE | GRID | D-17 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/5/2024 | TIME | 10:00am | Inspected by | JA/DL | | |
| WEATHER | CLOUDY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\12->

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 49 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|--|------|-----------------|--------------|-------|---------|--------------------------|
| LOCATION | NORTH PINO ARROYO AT TIBURON NE | | | | | | |
| OUTFALL_NO | 13 | QUAD | NE | GRID | D-17 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/5/2024 | TIME | 11:00am | Inspected by | JA/DL | | |
| WEATHER | CLOUDY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\13->

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 49 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|---|-----------------|---------|--------------|------|---------|-------------------------------------|
| LOCATION | SOUTH DOMINGO BACA ARROYO AT WASHINGTON NE | | | | | | |
| OUTFALL_NO | 14 | QUAD | NE | GRID | C-17 | SAMPLED | <input checked="" type="checkbox"/> |
| DATE_INSP | 3/5/2024 | TIME | 12:30pm | Inspected by | SK | | |
| WEATHER | CLOUDY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | GROSS POLLUTANT | na | | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\14->

| | | | |
|--|------|---------------------------|------------|
| AIR_TEMP_F | 49 | Lab | |
| WATER_TEMP_F | | Lab_Report | 885-2062-1 |
| pH | 8.2 | E_coli_Coliform_mpn/100ml | 16.1 |
| CONDUCTIVITY_Umos/cm | 670 | Ammonia_mg/l | ND |
| BOD_mg/l | 5.2 | Nitrite_NO2_mg/l | ND |
| COD_mg/l | ND | Nitrate_NO3_mg/l | ND |
| TSS_mg/l | ND | TKN_Tot_Kjeld_N_mg/l | ND |
| TDS_mg/l | 430 | Phosphorus_total_mg/l_P | 0.54 |
| N-Hexane Extractable-(Oil_Grease)_mg/l | ND | Hardness_mg/l_CaCO3 | 230 |
| Fluoride_mg/l | 0.82 | Chlorine_mg/l | ND |



LOCATION **AMOLE DEL NORTE CHANNEL AT BLAKE SW**

OUTFALL_NO **15** QUAD **SW** GRID **N-10** SAMPLED

DATE_INSP **4/10/2024** TIME **9:00am** Inspected by **KO**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\15->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 47 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



LOCATION **WEST BLUFF NW OUTFALL AT RIO GRANDE AT I-40**

OUTFALL_NO **16** QUAD **NW** GRID **H-11** SAMPLED

DATE_INSP **3/25/2024** TIME **10:30am** Inspected by **JA/DL**

WEATHER **CLOUDY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link X:\MD\SHARE\MD-Storm\7_NPDES\311_SWQ_Complaints\2024\2 - DW Screening--new-2023-2024\16

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 44 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



Mar 25, 2024 10:40:20 AM

| | | | | | | | |
|----------------|--|------|-----------------|--------------|-------|---------|--------------------------|
| LOCATION | SNOW VISTA ARROYO AT DE VARGAS SW | | | | | | |
| OUTFALL_NO | 17 | QUAD | SW | GRID | M-09 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/5/2024 | TIME | 10:30am | Inspected by | JA/DL | | |
| WEATHER | SUNNY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\17->

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 47 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|---------------------------------|------|-----------------|--------------|-------|---------|--------------------------|
| LOCATION | MONTANO EAST OF COORS NW | | | | | | |
| OUTFALL_NO | 18 | QUAD | NW | GRID | E-12 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/1 /2024 | TIME | 11:00am | Inspected by | JA/DL | | |
| WEATHER | CLOUDY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\18->

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 36 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Floride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|---|-----------------|--------|--------------|------|---------|--------------------------|
| LOCATION | MONTANO NW PS-47 WEST OF RIO GRANDE BLVD | | | | | | |
| OUTFALL_NO | 19 | QUAD | NW | GRID | F-12 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/5/2024 | TIME | 9:20am | Inspected by | NR | | |
| WEATHER | SUNNY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | GROSS POLLUTANT | na | | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\19->

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 44 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Floride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|--|-----------------|--------|--------------|------|---------|--------------------------|
| LOCATION | CANDELARIA NW PS-40 AT RIO GRANDE | | | | | | |
| OUTFALL_NO | 20 | QUAD | NW | GRID | G-12 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/5/2024 | TIME | 8:00am | Inspected by | NR | | |
| WEATHER | SUNNY | flow | NO | FLOW_GPM | | | |
| APPEARANCE | | GROSS POLLUTANT | | | | | |
| Source of Flow | | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\20->

| | | | |
|--|----------------------|---------------------------|----------------------|
| AIR_TEMP_F | <input type="text"/> | Lab | <input type="text"/> |
| WATER_TEMP_F | <input type="text"/> | Lab_Report | <input type="text"/> |
| pH | <input type="text"/> | E_coli_Coliform_mpn/100ml | <input type="text"/> |
| CONDUCTIVITY_Umos/cm | <input type="text"/> | Ammonia_mg/l | <input type="text"/> |
| BOD_mg/l | <input type="text"/> | Nitrite_NO2_mg/l | <input type="text"/> |
| COD_mg/l | <input type="text"/> | Nitrate_NO3_mg/l | <input type="text"/> |
| TSS_mg/l | <input type="text"/> | TKN_Tot_Kjeld_N_mg/l | <input type="text"/> |
| TDS_mg/l | <input type="text"/> | Phosphorus_total_mg/l_P | <input type="text"/> |
| N-Hexane Extractable-(Oil_Grease)_mg/l | <input type="text"/> | Hardness_mg/l_CaCO3 | <input type="text"/> |
| Fluoride_mg/l | <input type="text"/> | Chlorine_mg/l | <input type="text"/> |



| | | | | | | | |
|----------------|-----------------------------|------|-----------------|--------------|-------|---------|--------------------------|
| LOCATION | NAMASTE AND COORS NW | | | | | | |
| OUTFALL_NO | 21 | QUAD | NW | GRID | F-11 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/5/2024 | TIME | 10:00 | Inspected by | JA/DL | | |
| WEATHER | CLOUDY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\21->

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 34 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



| | | | | | | |
|----------------|-------------------------------------|------|-----------------|--------------|------|----------------------------------|
| LOCATION | SNOW GOOSE AT OXBOW BLUFF NW | | | | | |
| OUTFALL_NO | 22 | QUAD | NW | GRID | G-11 | SAMPLED <input type="checkbox"/> |
| DATE_INSP | 4/5/2024 | TIME | 11:30am | Inspected by | KO | |
| WEATHER | SUNNY | flow | NO | FLOW_GPM | 0 | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | |
| Source of Flow | na | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\22->

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 45 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Floride_mg/l | | Chlorine_mg/l | |



LOCATION **SEQUOIA NW AT RIO GRANDE**

OUTFALL_NO **23** QUAD **NW** GRID **G-11** SAMPLED

DATE_INSP **3/28/2024** TIME **2:30pm** Inspected by **KO/ML**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\23->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 45 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



LOCATION **REDLANDS - GRANDE VISTA NW**

OUTFALL_NO **24** QUAD **NW** GRID **G-12** SAMPLED

DATE_INSP **3/20/2024** TIME **3:05** Inspected by **JA/DL**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\24->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 45 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



LOCATION **PASEO DEL REY - OURAY - VISTA GRANDE NW**

OUTFALL_NO **25** QUAD **NW** GRID **H-11** SAMPLED

DATE_INSP **3/28/2024** TIME **10:55** Inspected by **KO/ML**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\25->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 39 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



LOCATION **DURANES NW PS AT RIO GRANDE**

OUTFALL_NO **26** QUAD **NW** GRID **H-12** SAMPLED

DATE_INSP **3/5/2024** TIME **10:30am** Inspected by **NR**

WEATHER **CLOUDY** flow **YES** FLOW_GPM **3**

APPEARANCE GROSS POLLUTANT

Source of Flow

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\26->

| | | | |
|--|----------------------|---------------------------|----------------------|
| AIR_TEMP_F | <input type="text"/> | Lab | <input type="text"/> |
| WATER_TEMP_F | <input type="text"/> | Lab_Report | <input type="text"/> |
| pH | <input type="text"/> | E_coli_Coliform_mpn/100ml | <input type="text"/> |
| CONDUCTIVITY_Umos/cm | <input type="text"/> | Ammonia_mg/l | <input type="text"/> |
| BOD_mg/l | <input type="text"/> | Nitrite_NO2_mg/l | <input type="text"/> |
| COD_mg/l | <input type="text"/> | Nitrate_NO3_mg/l | <input type="text"/> |
| TSS_mg/l | <input type="text"/> | TKN_Tot_Kjeld_N_mg/l | <input type="text"/> |
| TDS_mg/l | <input type="text"/> | Phosphorus_total_mg/l_P | <input type="text"/> |
| N-Hexane Extractable-(Oil_Grease)_mg/l | <input type="text"/> | Hardness_mg/l_CaCO3 | <input type="text"/> |
| Fluoride_mg/l | <input type="text"/> | Chlorine_mg/l | <input type="text"/> |



LOCATION **CALLE DEL VISTA-ATRISCO NW**

OUTFALL_NO **27** QUAD **NW** GRID **H-11** SAMPLED

DATE_INSP **3/25/2024** TIME **3:30pm** Inspected by **JA/DL**

WEATHER **CLOUDY** flow **NO** FLOW_GPM **0**

APPEARANCE _____ GROSS POLLUTANT _____

Source of Flow _____

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\27->

| | | | |
|--|-----------|---------------------------|-------|
| AIR_TEMP_F | 44 | Lab | _____ |
| WATER_TEMP_F | _____ | Lab_Report | _____ |
| pH | _____ | E_coli_Coliform_mpn/100ml | _____ |
| CONDUCTIVITY_Umos/cm | _____ | Ammonia_mg/l | _____ |
| BOD_mg/l | _____ | Nitrite_NO2_mg/l | _____ |
| COD_mg/l | _____ | Nitrate_NO3_mg/l | _____ |
| TSS_mg/l | _____ | TKN_Tot_Kjeld_N_mg/l | _____ |
| TDS_mg/l | _____ | Phosphorus_total_mg/l_P | _____ |
| N-Hexane Extractable-(Oil_Grease)_mg/l | _____ | Hardness_mg/l_CaCO3 | _____ |
| Floride_mg/l | _____ | Chlorine_mg/l | _____ |



LOCATION **WESTCLIFFE APTS AT 2700 VISTA GRANDE NW**

OUTFALL_NO **28** QUAD **NW** GRID **H-12** SAMPLED

DATE_INSP **3/21/2024** TIME **10:45** Inspected by **AP***

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\28->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 39 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Floride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|---------------------------------------|------|-----------------|--------------|------|---------|--------------------------|
| LOCATION | SAN JOSE DRAIN AT RIO BRAVO SW | | | | | | |
| OUTFALL_NO | 29 | QUAD | SW | GRID | P-13 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/4/2024 | TIME | 10:45 | Inspected by | AP | | |
| WEATHER | SUNNY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\29->

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 42 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Floride_mg/l | | Chlorine_mg/l | |



LOCATION **ATRISCO-ATRISCO PL-RIVERVIEW NW**

OUTFALL_NO **30** QUAD **NW** GRID **J-11** SAMPLED

DATE_INSP **3/21/2024** TIME **3:25** Inspected by **JA/DL**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE GROSS POLLUTANT **na**

Source of Flow

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\30->

| | | | |
|--|----------------------|---------------------------|----------------------|
| AIR_TEMP_F | 48 | Lab | <input type="text"/> |
| WATER_TEMP_F | <input type="text"/> | Lab_Report | <input type="text"/> |
| pH | <input type="text"/> | E_coli_Coliform_mpn/100ml | <input type="text"/> |
| CONDUCTIVITY_Umos/cm | <input type="text"/> | Ammonia_mg/l | <input type="text"/> |
| BOD_mg/l | <input type="text"/> | Nitrite_NO2_mg/l | <input type="text"/> |
| COD_mg/l | <input type="text"/> | Nitrate_NO3_mg/l | <input type="text"/> |
| TSS_mg/l | <input type="text"/> | TKN_Tot_Kjeld_N_mg/l | <input type="text"/> |
| TDS_mg/l | <input type="text"/> | Phosphorus_total_mg/l_P | <input type="text"/> |
| N-Hexane Extractable-(Oil_Grease)_mg/l | <input type="text"/> | Hardness_mg/l_CaCO3 | <input type="text"/> |
| Fluoride_mg/l | <input type="text"/> | Chlorine_mg/l | <input type="text"/> |



LOCATION **LA BAJADA-ATRISCO-NORTH 30 IN PIPE**

OUTFALL_NO **31** QUAD **NW** GRID **J-11** SAMPLED

DATE_INSP **3/21/2024** TIME **3:20** Inspected by **JA/DL**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\31->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 48 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|--|------|-----------------|--------------|-------|---------|--------------------------|
| LOCATION | LA BAJADA-ATRISCO-SOUTH 36 IN PIPE-WINGWALL | | | | | | |
| OUTFALL_NO | 32 | QUAD | NW | GRID | J-11 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/21/2024 | TIME | 3:20 | Inspected by | JA/DL | | |
| WEATHER | SUNNY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | | |
| Source of Flow | na | | | | | | |

link X:\MD\SHARE\MD-Storm\7_NPDES\311_SWQ_Complaints\2024\2 - DW Screening--new-2023-2024\32

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 48 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



| | | | | | | | |
|----------------|--|-----------------|---------|--------------|-------|---------|-------------------------------------|
| LOCATION | CENTRAL-SUNSET-OSAGE PS-44 THE 36 AND 42 IN PIPES | | | | | | |
| OUTFALL_NO | 33 | QUAD | NW | GRID | J-12 | SAMPLED | <input checked="" type="checkbox"/> |
| DATE_INSP | 3/21/2024 | TIME | 10:30am | Inspected by | JA/DL | | |
| WEATHER | SUNNY | flow | YES | FLOW_GPM | 0.5 | | |
| APPEARANCE | clear | GROSS POLLUTANT | none | | | | |
| Source of Flow | groundwater at the Atrisco park | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\West\33->

| | | | | |
|--|-----|---------------------------|------------|--|
| AIR_TEMP_F | 48 | Lab | Eurofins | |
| WATER_TEMP_F | | Lab_Report | 885-1678-1 | |
| pH | 7.7 | E_coli_Coliform_mpn/100ml | 90.1 | |
| CONDUCTIVITY_Umos/cm | 360 | Ammonia_mg/l | 0.7 | |
| BOD_mg/l | 2 | Nitrite_NO2_mg/l | ND | |
| COD_mg/l | 80 | Nitrate_NO3_mg/l | 0.66 | |
| TSS_mg/l | ND | TKN_Tot_Kjeld_N_mg/l | 0.96 | |
| TDS_mg/l | 210 | Phosphorus_total_mg/l_P | 0.35 | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | ND | Hardness_mg/l_CaCO3 | 92 | |
| Fluoride_mg/l | ND | Chlorine_mg/l | ND | |



LOCATION **CENTRAL-SUNSET-OSAGE NW PS-44 THE 6 IN PIPE**
 OUTFALL_NO **34** QUAD **NW** GRID **J-12** SAMPLED
 DATE_INSP **3/21/2024** TIME **3:05** Inspected by **JA/DL**
 WEATHER **SUNNY** flow **NO** FLOW_GPM **0**
 APPEARANCE **na** GROSS POLLUTANT **na**
 Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\34->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 48 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



LOCATION **ALCALDE SW PS-41 AT RIO GRANDE**

OUTFALL_NO **35** QUAD **SW** GRID **K-13** SAMPLED

DATE_INSP **3/21/2024** TIME **1:30pm** Inspected by **AP**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\35->

| | | | |
|--|---------------------------------|---------------------------|----------------------|
| AIR_TEMP_F | <input type="text" value="46"/> | Lab | <input type="text"/> |
| WATER_TEMP_F | <input type="text"/> | Lab_Report | <input type="text"/> |
| pH | <input type="text"/> | E_coli_Coliform_mpn/100ml | <input type="text"/> |
| CONDUCTIVITY_Umos/cm | <input type="text"/> | Ammonia_mg/l | <input type="text"/> |
| BOD_mg/l | <input type="text"/> | Nitrite_NO2_mg/l | <input type="text"/> |
| COD_mg/l | <input type="text"/> | Nitrate_NO3_mg/l | <input type="text"/> |
| TSS_mg/l | <input type="text"/> | TKN_Tot_Kjeld_N_mg/l | <input type="text"/> |
| TDS_mg/l | <input type="text"/> | Phosphorus_total_mg/l_P | <input type="text"/> |
| N-Hexane Extractable-(Oil_Grease)_mg/l | <input type="text"/> | Hardness_mg/l_CaCO3 | <input type="text"/> |
| Fluoride_mg/l | <input type="text"/> | Chlorine_mg/l | <input type="text"/> |



LOCATION **NDC AT ALAMEDA NE**

OUTFALL_NO **36** QUAD **NE** GRID **C-17** SAMPLED

DATE_INSP **3/22/2024** TIME **10:30** Inspected by **JA/DL**

WEATHER **SUNNY** flow **YES** FLOW_GPM **1**

APPEARANCE **clear** GROSS POLLUTANT **leaves, papers, plastics**

Source of Flow **Irrigation water and well wash water**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\36->

| | | | |
|--|------|---------------------------|------------|
| AIR_TEMP_F | 54 | Lab | Eurofins |
| WATER_TEMP_F | | Lab_Report | 885-1678-1 |
| pH | 8.5 | E_coli_Coliform_mpn/100ml | ND |
| CONDUCTIVITY_Umos/cm | 650 | Ammonia_mg/l | ND |
| BOD_mg/l | 5.2 | Nitrite_NO2_mg/l | ND |
| COD_mg/l | ND | Nitrate_NO3_mg/l | ND |
| TSS_mg/l | 4 | TKN_Tot_Kjeld_N_mg/l | 0.75 |
| TDS_mg/l | 440 | Phosphorus_total_mg/l_P | 0.26 |
| N-Hexane Extractable-(Oil_Grease)_mg/l | ND | Hardness_mg/l_CaCO3 | 190 |
| Fluoride_mg/l | 0.95 | Chlorine_mg/l | ND |



Mar 22, 2024 10:27:58 AM
 397 Alameda Boulevard Northeast
 Albuquerque
 Bernalillo County
 New Mexico

| | | | | | | | |
|----------------|------------------------------------|------|-----------------|--------------|-------|---------|--------------------------|
| LOCATION | TIJERAS ARROYO AT 2ND ST SW | | | | | | |
| OUTFALL_NO | 37 | QUAD | SW | GRID | Q-12 | SAMPLED | <input type="checkbox"/> |
| DATE_INSP | 3/5/2024 | TIME | 10:30am | Inspected by | JA/DL | | |
| WEATHER | SUNNY | flow | NO | FLOW_GPM | 0 | | |
| APPEARANCE | na | | GROSS POLLUTANT | na | | | |
| Source of Flow | na | | | | | | |

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\East\37->

| | | | |
|--|----|---------------------------|--|
| AIR_TEMP_F | 42 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Fluoride_mg/l | | Chlorine_mg/l | |



LOCATION **MIRANDELA BY PUEBLO PARK SE OF COORS AND MONTANO NW**

OUTFALL_NO **38** QUAD **NW** GRID **E-12** SAMPLED

DATE_INSP **3/1/2024** TIME **10:30am** Inspected by **JA/DL**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\38->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 36 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Floride_mg/l | | Chlorine_mg/l | |



LOCATION **BOSQUE SCHOOL AND MIRANDELA SE OF COORS AND MONTANO NW**

OUTFALL_NO **39** QUAD **NW** GRID **E-12** SAMPLED

DATE_INSP **3/1/2024** TIME **10:00am** Inspected by **JA/DL**

WEATHER **SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening--new-2023-2024\39->

AIR_TEMP_F **36** Lab

WATER_TEMP_F Lab_Report

pH E_coli_Coliform_mpn/100ml

CONDUCTIVITY_Umos/cm Ammonia_mg/l

BOD_mg/l Nitrite_NO2_mg/l

COD_mg/l Nitrate_NO3_mg/l

TSS_mg/l TKN_Tot_Kjeld_N_mg/l

TDS_mg/l Phosphorus_total_mg/l_P

N-Hexane Extractable-(Oil_Grease)_mg/l Hardness_mg/l_CaCO3

Fluoride_mg/l Chlorine_mg/l



LOCATION **1406-1412 RIVERVIEW NW**

OUTFALL_NO **40** QUAD **NW** GRID **J-11** SAMPLED

DATE_INSP **3/1/2024** TIME **1:30pm** Inspected by **KO/ML**

WEATHER **PARTLY SUNNY** flow **NO** FLOW_GPM **0**

APPEARANCE **na** GROSS POLLUTANT **na**

Source of Flow **na**

link <X:\MD\SHARE\MD-Storm\7 NPDES\311 SWQ Complaints\2024\2 - DW Screening-2023-2024\West\40->

| | | | |
|--|-----------|---------------------------|--|
| AIR_TEMP_F | 44 | Lab | |
| WATER_TEMP_F | | Lab_Report | |
| pH | | E_coli_Coliform_mpn/100ml | |
| CONDUCTIVITY_Umos/cm | | Ammonia_mg/l | |
| BOD_mg/l | | Nitrite_NO2_mg/l | |
| COD_mg/l | | Nitrate_NO3_mg/l | |
| TSS_mg/l | | TKN_Tot_Kjeld_N_mg/l | |
| TDS_mg/l | | Phosphorus_total_mg/l_P | |
| N-Hexane Extractable-(Oil_Grease)_mg/l | | Hardness_mg/l_CaCO3 | |
| Floride_mg/l | | Chlorine_mg/l | |



Attachment 4
Map and Listing of Illicit Discharges

Attachment 4a
311 Inspections Collected on
pre-FY24 Tracking System

Address **1109 GEORGIA NE**

Inspection Date 7/14/2023 Reporting Date 7/13/2023

Customer Derrek King-WA SOURCE email 311CASE_ID email

Customer_Ph na e_mail dking@abcwua.org

X_Link Complaint type Sewage Inspector sk

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1175 is it in gis Yes

Complaint RESIDENT OF 6514 MARBLE CLAIMS THAT THE PUDDLED WATER IN HIS YARD IS FROM A BROKEN SANITARY LINE OF HIS NAGHBOR AT 1109 GEORGIA.

Field Observation THE GROUND WAS WET NEAR THE WALL

Initial Action I ASKED THE NEIGHBOR TO CHECK THEIR SANITARY LINE AND FIX IT IF IT IS BROKEN.



Address **1850 GRETTA NE**

Inspection Date 7/14/2023 Reporting Date 7/14/2023

Customer Anonymous SOURCE 311 311CASE_ID 230714-000166

Customer_Ph na e_mail na

X_Link Complaint type Sewage Inspector sk

Facility Contac resident Facility_Ph_No na

Suspected_Facility RV NO 1176 is it in gis Yes

Complaint A CITIZEN REPORTING THIS STATED IT SMELLED LIKE SEWAGE.
IT'S A CONCERN IT MAY GOING INTO THE DRAIN SYSTEM

Field Observation THE AREA WAS CLEAN AND NO EVIDENCE OF SEWAGE SPILL

Initial Action DISTRIBUTED EDUCATIONAL MATERIAL AT THIS AREA



Address **7528 CAPULIN RD NE**

Inspection Date 7/18/2023 Reporting Date 7/17/2023

Customer Jeffrey White SOURCE 311 311CASE_ID 230717-000606

Customer_Ph 822-0258 e_mail jeffjanwhite@comcast.net

X_Link Complaint type Construction Inspector sk

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1177 is it in gis Yes

Complaint CONSTRUCTION PROJECT FROM 7528 CAPULINE, WHITE CEMENT IS TRAILING DOWN THE CURB AND GUTTERS SB FROM JEME AND CAPULINE AFTER TOOLS AND MATERIALS WERE WASHED. HEADING TOWARD EDDY AND CAPULINE. OCCURED ON SATURDAY, 7/15, REQUESTING IT BE CLEANED UP.

Field Observation THE WHITE RESIDUE WAS THE WASH WATER FROM CLEANING THE LANDSCAPE GRAVEL

Initial Action ASKED THE RESIDENT NOT TO RELEASE ANY DIRTY WATER TO STREET. ALSO DISTRIBUTED POLLUTION PREVENTION BROCHURES AT THIS AREA



Address **1100 SOLAR NW**

Inspection Date 7/18/2023 Reporting Date 7/17/2023

Customer Vincent Darco SOURCE web 311CASE_ID web

Customer_Ph 345-4383 e_mail vincent.darco@va.gov

X_Link Complaint type Large Items Dump Inspector

Facility Contac Arroyo Maintenance Facility_Ph_No na

Suspected_Facility Arroyo-Sweal NO 1178 is it in gis Yes

Complaint AFTERNOON OF SATURDAY, JULY 15TH. LARGE PILE OF TREE BRANCHES WERE DUMPED AT 1100 SOLAR ROAD NW. THE STORM DRAIN/DITCH IS NOW BLOCKED. POSSIBLY YOU COULD VIEW THE CAMERAS FROM THE ELEMENTARY SCHOOL TO VIEW THE OFFENDERS

Field Observation THERE WAS A BIG PILE OF TREE BRANCHES IN THE SWEAL IN FRONT OF THE SCHOOL

ASKED ARROYO MAINTENANCE TO CLEAN IT UP AND THEY DID

Initial Action



Address **SUSHI HANA AT 521 CENTRAL NW**

Inspection Date 8/18/2023 Reporting Date 7/18/2023

Customer Nicole Benavidez SOURCE 311 311CASE_ID 230718-000419

Customer_Ph 263-4374 e_mail nbenavidez@blockbyblock.com

X_Link Complaint type Cooking Grease Inspector sk

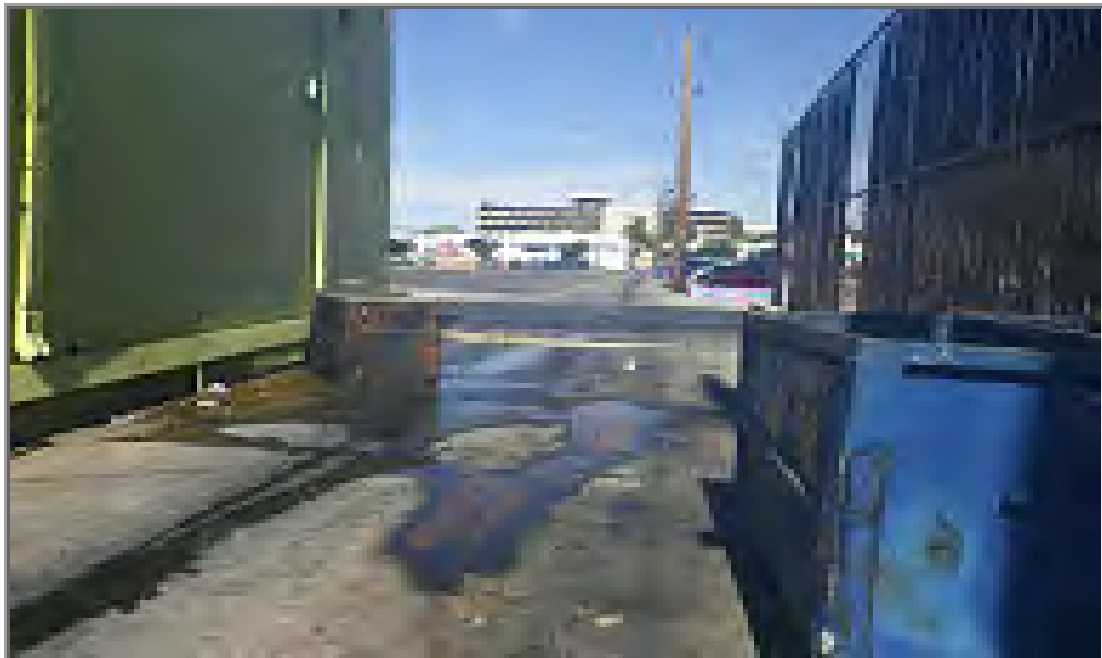
Facility Contac manager Facility_Ph_No na

Suspected_Facility Sushi Hana resturant NO 1179 is it in gis Yes

Complaint A TRUCK HIT A GREAS TRAP AND LOTS OF GREASE MAKING ITS WAY TO THE GUTTER AND A NEIGHBORBY STORM DRAIN.

Field Observation THE COOKING GREASE WAS COVERING LARGE AREA IN THE ALLEY

Initial Action COVERED THE GREASE WITH ABSORBENT AND ASKED THE MANAGER TO CLEN IT UP AND HE DID.



Address **SEQUOIA OUTFALL AT 3536 SEQUOIA NW**

Inspection Date 7/19/2023 Reporting Date 7/19/2023

Customer David Dekker SOURCE email 311CASE_ID email

Customer_Ph 385 3411 e_mail dd66bisou@me.com

X_Link Complaint type Trash Inspector sk

Facility Contac arroyo maintenance Facility_Ph_No na

Suspected_Facility Sequoia outfall NO 1180 is it in gis Yes

Complaint 1-MOSQUITO CONTROL IS THE TOP PRIORITY 2-OPENING A CHANNEL IN THE SEDIMENT DAM WOULD PRECLUDE THE NEED FOR MOSQUITO TREATMENT. 3-TRASH PICKUP WOULD BE NICE

Field Observation THERE IS NO ACCESS TO THE OUTFALL TO INSPECT IT OR REMOVE THE TRASH

Initial Action NO ACTION. IT JUST HAPPENED THAT A BIG WATER WAVE CLEARED THE OUTFALL PATH.



Address **315 BELL PARK CIR SE**

Inspection Date 7/26/2023 Reporting Date 7/24/2023

Customer Anonymous SOURCE 311 311CASE_ID 230724-001227

Customer_Ph na e_mail wmcdonough@abcwua.org

X_Link Complaint type Sewage Inspector sk

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1181 is it in gis Yes

Complaint SEWAGE RUNNING DOWN THE GUTTER. THE RESIDENT NOTICED WATER FLOWING OUT OF WHAT SOUNDED LIKE A CLEAN OUT IN THE AREA. THIS HAS BEEN GOING ON FOR QUITE SOME TIME. THIS NEEDS TO GO TO CODE ENFORCEMENT FOR FURTHER INVESTIGATION..

Field Observation IT WAS FIXED AND THE AREA WAS DRY

DISTRIBUTED EDUCATIONAL MATERIAL AT THIS AREA

Initial Action



Address **6000 MONTANO PLAZA DR NW**

Inspection Date **7/26/2023** Reporting Date **7/24/2023**

Customer **Anonymous** SOURCE **311** 311CASE_ID **230724-002591**

Customer_Ph **na** e_mail **na**

X_Link Complaint type **Sewage** Inspector **sk**

Facility Contac **manager** Facility_Ph_No

Suspected_Facility **apartment complex** NO **1182** is it in gis **Yes**

Complaint **SEWER BACKUP NEAR BUILDING 41**

Field Observation **IT WAS FIXED AND THE AREA WAS DRY**

Initial Action **NO ACTION**



Address **EXPO NM AT LOMAS AND SAN PEDRO**

Inspection Date 7/27/2023 Reporting Date 7/26/2023

Customer Patrick Chavez-AMAFCA SOURCE email 311CASE_ID email

Customer_Ph 362-7342 e_mail pchavez@amafca.org

X_Link Complaint type Sewage Inspector sk

Facility Contac na Facility_Ph_No na

Suspected_Facility Expo NM NO 1183 is it in gis Yes

Complaint NOT SURE WHAT DISCHARGES ARE "ALLOWABLE" FROM THE CAFO AT THE FAIRGROUNDS BUT NOTICED TODAY THAT THERE IS FLOW LEAVING THE DETENTION POND AT THE SE CORNER OF LOMAS AND SAN PEDRO. JUST A HEADS UP.

Field Observation THE CAFO POND WAS DRY AND NOTHING WAS GOING TO STORM POND

NO ACTION

Initial Action



Address **929 AZTEC RD NW**

Inspection Date 8/1/2023 Reporting Date 7/31/2023

Customer Anonymous SOURCE 311 311CASE_ID 230731-001541

Customer_Ph na e_mail na

X_Link Complaint type Sewage Inspector sk

Facility Contac manager Facility_Ph_No na

Suspected_Facility apartment NO 1184 is it in gis Yes

Complaint HOUSE SIDE SEWER GOING INTO THE STREET AND GOING INTO STORM DRAIN. CODE ENFORCEMENT NEEDS TO BE CONTACTED AGAIN ON THIS ADDRESS WHICH HAS BEEN LEAKING FOR ABOUT A MONTH NOW.

Field Observation SEWAGE WAS FLOWING OUT OF CLEAN OUT POINT

I SPOKE TO THE MANAGER AND HE SAID THE PLUMBER IS COMING TO FIX IT TODAY.

Initial Action



Address **1401 FREEMAN NW**

Inspection Date 8/4/2023 Reporting Date 7/31/2023

Customer Anonymous SOURCE ph call 311CASE_ID ph call

Customer_Ph 681-8753 e_mail na

X_Link Complaint type Foul Odor Inspector sk

Facility Contac na Facility_Ph_No na

Suspected_Facility inlet NO 1185 is it in gis Yes

Complaint HE WAS COMPLAINING ABOUT THE ODOR COMING FROM THE STORM DRAIN THAT IT SMELLED LIKE SOMETHING DIED AND WAS CONCERNED ABOUT IT WASHING TO THE RIVER.

Field Observation ALL THE INLETS WERE DRY AND NO FOUL ODOR WAS COMING FROM THE INLETS.

Initial Action DISTRIBUTED EDUCATIONAL MATERIAL AT THIS AREA AND GLUED NO DUMP SIGNS ON THE INLETS.



Address **AZ AUTOMOTIVE AT 4906 JEFFERSON NE**

Inspection Date 8/1/2023 Reporting Date 8/1/2023

Customer Anonymous SOURCE 311 311CASE_ID 230801-000603

Customer_Ph na e_mail

X_Link Complaint type Sewage Inspector sk

Facility Contac manager Facility_Ph_No

Suspected_Facility AZ Automotive NO 1186 is it in gis Yes

Complaint A PRIVATE SEWER LINE LEAKING. THIS IS AN OPEN EXCAVATION, WUA BARRICADES ARE ON SITE, EXCAVATION IS FULL OF SEWAGE AND IS OVERFLOWING.

Field Observation THE CONTRACTOR WAS ON SITE FIXING THE LEAK.

NO ACTION NEEDED

Initial Action



Address **600 VASSAR SE**

Inspection Date 8/4/2023 Reporting Date 8/4/2023

Customer Anonymous SOURCE email 311CASE_ID email

Customer_Ph na e_mail na

X_Link Complaint type Grey Water Inspector sk

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1187 is it in gis Yes

Complaint WATER RUNNING INTO THE STREET FROM A PIPE

Field Observation WATER WAS COMING OUT FROM A SIDEWALK CULVERT BETWEEN THE TWO HOUSES

Initial Action SPOKE TO BOTH RESIDENTS AND THEY SAID THAT THEY DO NOT KNOW WHERE THE WATER IS COMING FROM



Address

QUICK SHINE CAR WASH AT CLOUDCROFT AND COORS NW

Inspection Date

8/10/2023

Reporting Date

8/7/2023

Customer

Joe Martinez

SOURCE

311

311CASE_ID

230807-002616

Customer_Ph

290-1326

e_mail

mailto:joemartinez@biopappel.

X_Link

Complaint type

COLORD LIQUID

Inspector

sk

Facility Contac

manager

Facility_Ph_No

na

Suspected_Facility

Quick Shine car wash

NO

1188

is it in gis

Yes

Complaint

CAR WASH DUMPING GREEN COLORED WATERED INTO THE STREET/STORM DRAINS

Field Observation

THERE WAS SOME WATER GOING TO THE STREET. THE PLUMBER WAS THERE TO FIX THE LEAKING PROBLEM

LEFT EDUCATIONAL MATERIAL WITH THE MANAGER

Initial Action



Address **BUSINESS AT 408 CENTRAL SW**

Inspection Date 8/9/2023 Reporting Date 8/8/2023

Customer Randy Miranda SOURCE 311 311CASE_ID 230808-002519

Customer_Ph 977-6291 e_mail rmiranda@abhs.k12.nm.us

X_Link Complaint type Power Wash Inspector

Facility Contac manager Facility_Ph_No

Suspected_Facility business NO 1189 is it in gis Yes

Complaint

BUSINESS DUMPING GREASE, SOOT INTO THE STORM DRAIN.

Field Observation

THEY WERE POWER WASHING APPLIANCES AND THE WATER GOING TO THE ALLEY. I ASKED HIM NOT RELEASE ANY WATER TO THE ALLEY.

I LEFT EDUCATIONAL MATERIAL WITH THE MANAGER

Initial Action



Address **6404 ROSOALIND NE**

Inspection Date 8/15/2023 Reporting_Date 8/15/2023

Customer Ruth Striegel SOURCE email 311CASE_ID email

Customer_Ph 249-0083 e_mail ruth.striegel@gmail.com

X_Link Complaint type Construction Inspector sk

Facility Contac superintendent Facility_Ph_No na

Suspected_Facility construction site NO 1190 is it in gis Yes

Complaint

RAINWATER FROM ADO ELEMENTARY CONSTRUCTION SITE ENTERD HER BACKYARD.

Field Observation

THERE WAS EVEDENCE THAT RAIN WATER FROM CONSTRUCTION SITE HAD ENTERD HER BACYARD.

Initial Action

WE SPOKE TO THE SITE SUPERVISOR TO FIX THE PROBLEM AND HE DID.



Address **3606 2ND ST NE**

Inspection Date 8/15/2023 Reporting Date 8/14/2023

Customer WA SOURCE 311 311CASE_ID 230814-001533.

Customer_Ph na e_mail na

X_Link Complaint type Sewage Inspector JA

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1191 is it in gis Yes

Complaint THE CALLER STATED THAT SEWAGE HAS BEEN COMING OUT OF THE CLEANOUTS FOR ABOUT THREE WEEKS NOW

Field Observation IT WAS A WATER LEAK WHERE A TRAILER USED TO BE. DAMAGED WATER LINE.

Initial Action WE INSPECTED THE AREA AND SPOKE WITH PROPERTY MANAGER REPAIRED THE LEAK ON THE SAME DAY.



Address **2400 BROADWAY SE**

Inspection Date 8/22/2023 Reporting_Date 8/21/2023

Customer NMED SOURCE email 311CASE_ID email

Customer_Ph 848-1578 e_mail dmcgregor@bernco.gov

X_Link Complaint type Hazardous Material Inspector sk

Facility Contac manager Facility_Ph_No

Suspected_Facility diesel fueling station BC NO 1192 is it in gis Yes

Complaint DIESEL RELEASE TO THE SOIL AT THE BC FUELING STATION

Field Observation SOIL SAMPLES FROM OLD UNDERGROUND DIESEL TANK SITE WERE POSITIVE FOR HYDROCARBON.

NMED IS ENFORCING BC TO FIX THE PROBLEM

Initial Action



Address **5939 PERSEUS NW**

Inspection Date 8/21/2023 Reporting Date 8/18/2023

Customer Edward Solis SOURCE 311 311CASE_ID 230818-002455

Customer_Ph 908-5061 e_mail edsolis@centurylink.net

X_Link Complaint type Grey Water Inspector JA

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1193 is it in gis Yes

Complaint CALLER STATES SITE ADDRESS IS DRAINING HOT TUB INTO THE STORM DRAINS/STREET WITH A GARDEN HOSE SINCE 3:20PM TODAY.

Field Observation THERE WAS A GARDE HOSE DRAINING THE WATER TO THE STREET

Initial Action INSPECTOR ASKED THE RESIDENT TO STOP DISCHARGING TUB WATER TO THE STREET AND THEY DID. ALSO HE GAVE THEM EDUCATIONAL MATERIAL



Address **4516 HILTON NE**

Inspection Date Reporting Date

Customer SOURCE 311CASE_ID

Customer_Ph e_mail

X_Link Complaint type Inspector

Facility Contac Facility_Ph_No

Suspected_Facility NO is it in gis

Complaint

Field Observation

Initial Action



Address **INDIAN SCHOOL AND 12TH NW**

Inspection Date 8/22/2023 Reporting_Date 8/22/2023

Customer Anonymous SOURCE 311 311CASE_ID 230822-000904

Customer_Ph na e_mail na

X_Link Complaint type Construction Inspector sk

Facility Contac na Facility_Ph_No

Suspected_Facility inlet NO 1195 is it in gis Yes

Complaint

PER CALLER HE SEEN THIS MORNING ILLEGAL DUMPING IN STORM DRAIN.

Field Observation

I WENT TO THIS CALL TODAY AND THE INLETS WERE CLEAN, NO DIRT IN IT. IT LOOKS LIKE THAT THERE WAS AN EMERGENCY BROKEN LINE NEAR THE INLET, BUT ALL THE FLOW REMAINED IN THE POND.

NO ACTION NEEDED

Initial Action



Address **RV AT 4617 GLENDALE PL NW**

Inspection Date 8/23/2023 Reporting_Date 8/23/2023

Customer E SOURCE web 311CASE_ID web

Customer_Ph 555-5555 e_mail user@gopher.net

X_Link Complaint type Sewage Inspector JA

Facility Contac NA Facility_Ph_No na

Suspected_Facility RV NO 1196 is it in gis Yes

Complaint

OIL AND GASOLINE LEAK OUT OF THE RV BOTTOM. TOILET DRAINS ONTO SIDEWALK AND TO THE DRAINS ALONG THE STREET WHEN IT RAINS

Field Observation

RV PARKED INFRONT OF THIS ADDRESS

REPORTED TO 311 AS ABONDEND VEHICL

Initial Action



Address **344 GROVE SE**

Inspection Date 8/31/2023 Reporting Date 8/31/2023

Customer Diana Pettigrew-WA SOURCE email 311CASE_ID email

Customer_Ph 289-3557 e_mail dpettigrew@abcwua.org

X_Link Complaint type Sewage Inspector sk

Facility Contac manager Facility_Ph_No 595-9827

Suspected_Facility apartment NO 1197 is it in gis Yes

Complaint SEWAGE COMING OUT OF THE CLEANOUTS AT AN APARTMENT COMPLEX

Field Observation THE AREA AROUND THE CLEAN OUT WAS WET.

Initial Action I WENT TO THIS CALL, AND CONTACTED THE APARTMENT MANAGER AND ASKED HER TO FOX THE CLOG, SHE SAID SHE WILL IMMEDIATELY CALL FOR PLUMBER



Address **5935 WYOMING BLVD NE**

Inspection Date 8/31/2023 Reporting_Date 8/31/2023

Customer Shelly Stout-WA SOURCE email 311CASE_ID email

Customer_Ph 842-9287x1 e_mail mailto:ssout@abcwua.org

X_Link Complaint type Sewage Inspector sk

Facility Contac Facility_Ph_No

Suspected_Facility NO 1198 is it in gis Yes

Complaint

THE BUSINESS LOCATED AT 5935 WYOMING BLVD NE HAS A PRIVATE SEWER LINE LEAKING IN THE STREET AND GOING DOWN THE STORM DRAIN.

Field Observation

UNABLE TO LOCATE THE LEAK, THIS MALL IS TOO BIG.

Initial Action

NO ACTION



Address

2817 CALIFORNIA ST NE

Inspection Date

9/8/2023

Reporting Date

9/7/2023

Customer

Anonymous

SOURCE

311

311CASE_ID

230907-002786

Customer_Ph

na

e_mail

na

X_Link

Complaint type

Paint

Inspector

sk

Facility Contac

resident

Facility_Ph_No

na

Suspected_Facility

home

NO

1199

is it in gis

Yes

Complaint

THE GENTLEMAN WHO LIVES HERE WASHED SOMETHING ON HIS PROPERTY AND THE WATER WENT DOWN THE BLOCK IN THE GUTTER. THE SUBSTANCE IS WHITE AND CHALKY AND WE ARE AFRAID IT IS A HARSH CHEMICAL THAT COULD BE HARMFUL. THERE ARE CHILDREN IN THE AREA AND WE ARE CONCERNED

Field Observation

THERE WAS SOME WHITE DRY RESIDUE ALONG THE GUTTER AT THIS AREA

Initial Action

THE RESIDENT DENIED DUMPING ANYTHING INTO THE GUTTER.



Address **508 VASSAR DR SE**

Inspection Date Reporting Date

Customer SOURCE 311CASE_ID

Customer_Ph e_mail

X_Link Complaint type Inspector

Facility Contac Facility_Ph_No

Suspected_Facility is it in gis

Complaint

Field Observation

Initial Action



Address **SUN PLAZA APARTMENTS AT 4400 MONTGOMERY NE**

Inspection Date 9/25/2023 Reporting_Date 9/24/2023

Customer Wesley T. McDonough-WA SOURCE email 311CASE_ID email

Customer_Ph 842-9287 e_mail wmcdonough@abcwua.org

X_Link Complaint type Sewage Inspector nr

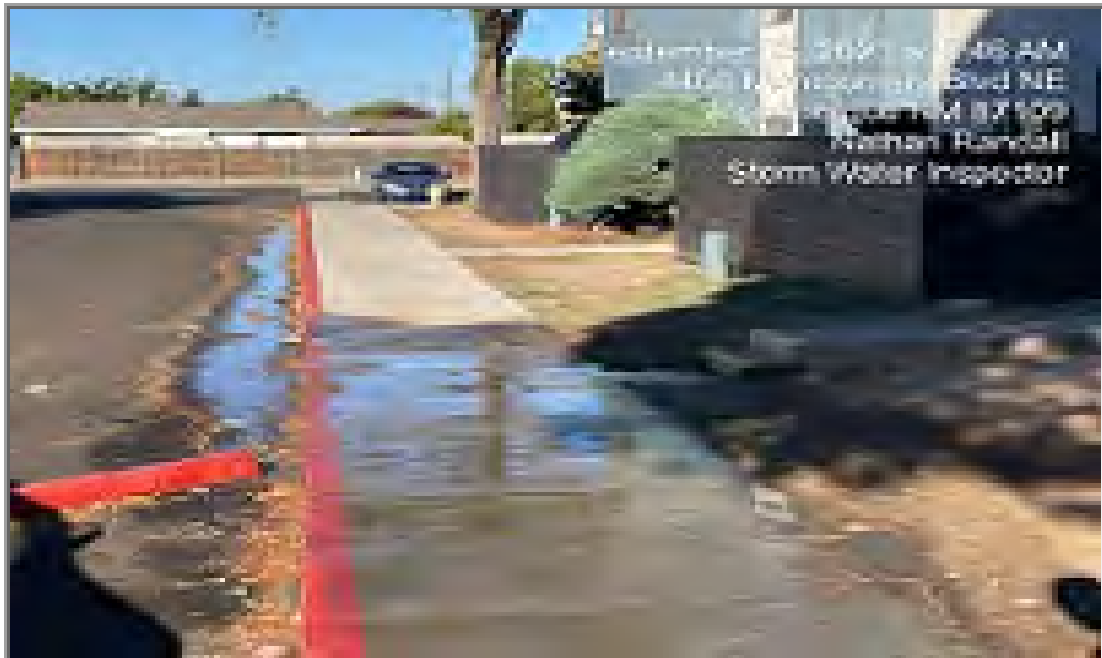
Facility Contac manager Facility_Ph_No na

Suspected_Facility SUN PLAZA Apartments NO 1201 is it in gis Yes

Complaint THIS WAS NAS AS THE SEWAGE WAS FLOWING OUT OF THE HS CLEANOUTS INTO THE GUTTER AND STORM DRAIN ON MONTGOMERY.

Field Observation THE PROBLEM WAS FIXED AT THE TIME INSPECTOR ARRIVED THERE

Initial Action THE INSPECTOR ASKED THE MANAGER TO CLEAN UP THE CONTAMINATED AREA.



Address **RV AT 6235 CHURCHILL RD SW**

Inspection Date 10/12/2023 Reporting Date 10/11/2023

Customer Anonymous SOURCE web 311CASE_ID web

Customer_Ph na e_mail na

X_Link Complaint type Sewage Inspector sk

Facility Contac RV owner Facility_Ph_No na

Suspected_Facility RV NO 1202 is it in gis Yes

Complaint

RV WASTE IS BEING DUMPED IN STREET AND RUNNING INTO STORM DRAIN

Field Observation

RV WAS PARKED AT THIS ADDRESS. THEY HAD CAR PROBLEM. THERE WAS NO DISCHARGE FROM THE RV

Initial Action

I SPOKE TO THE OWNER OF RV AND GAVE HIM EDUCATIONAL BROCHURES.



Address **2026 CANDELARIA NW**

Inspection Date 10/12/2023 Reporting Date 10/10/2023

Customer Dean Carroll SOURCE MS4 com 311CASE_ID MS4 comp

Customer_Ph 883-3078 e_mail deancarroll@live.com

X_Link Complaint type Foul Odor Inspector sk

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1203 is it in gis Yes

Complaint THE PROPERTY AT 2026 CANDELARIA NW IS DUMPING LARGE QUANTITIES OF ANIMAL WASTE IN A LARGE PILE UNMANAGED OR ATTENDED. THE PILE IS APPROXIMATELY 4FT HIGH AND ABOUT 8FT IN DIAMETER. THE ODOR IS EXCESSIVE AND UNBEARABLE, IT IS ATTRACTING FLIES AND SKUNKS.

Field Observation THE PILE OF LEAVES AND TREE CLIPPINGS WERE NOT INTENDED AS ANIMAL WASTE COMPOSITE AND NO ODOR NEAR THE PILE. HE HAS 6 GOATS CONFINED WITHIN A FENCE, AND THEIR WASTE IS DUMPED TO CITY TRASH BIN. NO STORMWATER

Initial Action I ASKED HIM TO KEEP THE AREA CLEAN AND GAVE HIM EDUCATIONAL MATERIAL



Address

BARELAS PS OUTFALLS

Inspection Date

10/11/2023

Reporting Date

10/11/2023

Customer

Dan McGregor

SOURCE

email

311CASE_ID

email

Customer_Ph

na

e_mail

dmcgregor@bernco.gov

X_Link

Complaint type

Trash

Inspector

sk

Facility Contac

na

Facility_Ph_No

na

Suspected_Facility

Barelas pump station

NO

1204

is it in gis

Yes

Complaint

THERE ARE 4 STORM DRAIN OUTLETS WHICH DUMP FOUL SMELLING WATER AND PLASTIC POLLUTANTS INTO THE RIO GRANDE NEAR THE BRIDGE BLVD. 2 OF THE OUTLETS ARE ENTIRELY CLOGGED BY PLASTIC TRASH AND ONE OF THE GRIDS MEANT TO CATCH THE TRASH IS OFF ITS PIPE AND IN THE

Field Observation

ONE OF THE PIPES WAS MISSING THE SCREEN BARS, THE OTHER TWO PIPES WERE COVERED WITH PLASTIC BAGS.

WE ARE IN THE PROCESS TO FIX THE PROBLEM.

Initial Action



Address **125 VALENCIA NE**

Inspection Date 10/12/2023 Reporting Date 10/11/2023

Customer Anonymous SOURCE 311 311CASE_ID 231011-000899

Customer_Ph na e_mail

X_Link Complaint type Hazardous Material Inspector sk

Facility_Contac manager Facility_Ph_No na

Suspected_Facility business NO 1205 is it in gis Yes

Complaint
ILLEGAL DUMPING OF CHEMICALS AND LIQUID, FLOWS UNDER CULVERT AND SPREADS IN STREET. NO DRAIN IN AREA LETS THIS GO ANYWHERE.

Field Observation
THERE WAS SOME DRIED COLORD SPOTS AT THE END OF SIDEWALK CULVERT.

Initial Action
I ASKED THEM NOT TO DISCHARGE ANY POLLUTED WASH WATER TO THE STREET AND GAVE HER SOME POLLUTION PREVENTION BROCHURE.



Address **3501 PAN AMERICAN FRWY NE**

Inspection Date 10/19/2023 Reporting Date 10/18/2023

Customer Esperanz Louissena-WA SOURCE email 311CASE_ID email

Customer_Ph 289-3551 e_mail elouissena@abcwua.org

X_Link Complaint type Sewage Inspector nr

Facility Contac manager Facility_Ph_No na

Suspected_Facility business NO 1206 is it in gis Yes

Complaint SEWER LEAK.

Field Observation THERE WAS SOME WATER FLOW ALONG THE ROAD COMING OUT FROM THIS BUSINESS

THEY FIXED THE LEAK AND CLEANED THE AREA

Initial Action



Address **4200 PROSPECT AVE NE**

Inspection Date 10/24/2023 Reporting Date 10/23/2023

Customer Diane SOURCE web 311CASE_ID web

Customer_Ph 871-1324 e_mail cgabe8217@gmail.com

X_Link Complaint type Trash Inspector nr

Facility Contac manager Facility_Ph_No

Suspected_Facility Mobile homes NO 1207 is it in gis Yes

Complaint CAR PARTS MOTOR CYCLE PARTS BED FRAMES BASKETS DUMPED BY NEIGHBOR

Field Observation INSPECTOR SPOKE WITH TENANT , SAID ALL TRASH AND PARTS WERE PICKED UP.

Initial Action NO ACTION



Address **804 CHELWOOD PK NE**

Inspection Date 10/26/2023 Reporting Date 10/25/2023

Customer Esperanz Louissena-WA SOURCE email 311CASE_ID email

Customer_Ph 289-3551 e_mail elouissena@abcwua.org

X_Link Complaint type Sewage Inspector nr

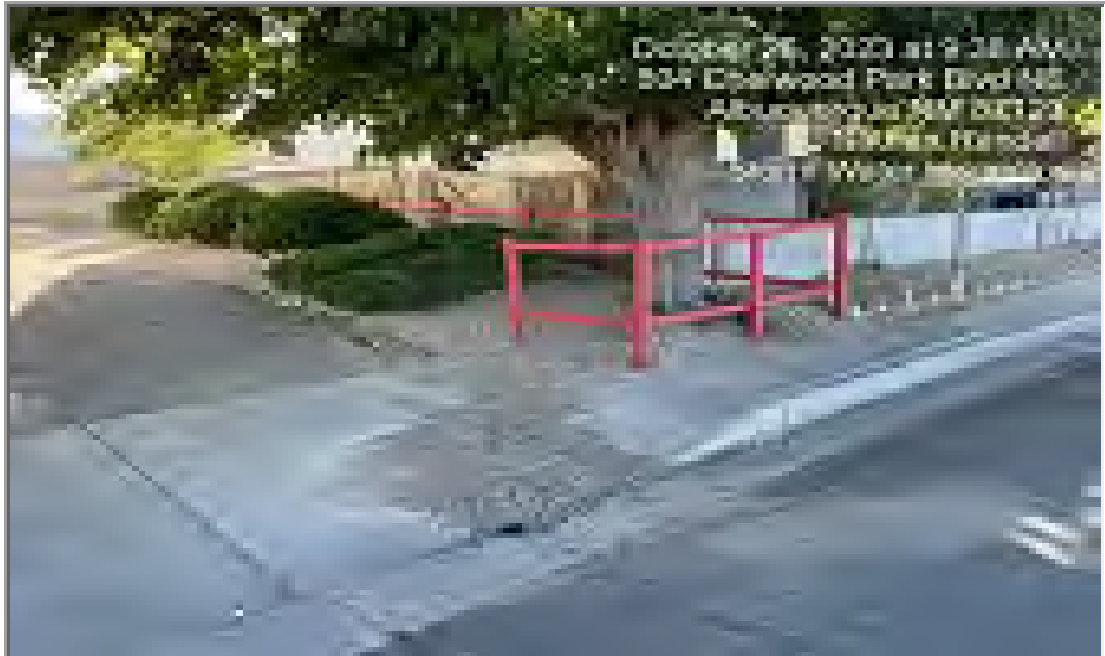
Facility Contac manager Facility_Ph_No na

Suspected_Facility mobile homes NO 1208 is it in gis Yes

Complaint SEWER LEAK

Field Observation THE LEAK WAS FIXED

Initial Action NO ACTION



Address **1407 COPPER AVE NE.**

Inspection Date 10/30/2023 Reporting_Date 10/27/2023

Customer Derrek King-WA SOURCE email 311CASE_ID email

Customer_Ph 803-8076 e_mail dking@abcwua.org

X_Link Complaint type Sewage Inspector nr

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1209 is it in gis Yes

Complaint SEWAGE LEAKING INTO THE ALLEY WAY FROM 1407 COPPER AVE NE.

Field Observation THE ALLEY WAS WET BEHIND THIS ADDRESS

Initial Action THEY DID FIX THE LEAK.



Address **1524 SAN CLEMENTE NE**

Inspection Date 11/1/2023 Reporting Date 10/30/2023

Customer Anonymous SOURCE 311 311CASE_ID 231030-001828

Customer_Ph na e_mail na

X_Link Complaint type Sewage Inspector nr

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1210 is it in gis Yes

Complaint DUMPING SEWAGE INTO MAN HOLE

Field Observation THE AREA WAS CLEAN BUT NO ONE WAS HOME.

LEFT EDUCATIONAL MATERIAL AT THIS NEIGHBORHOOD

Initial Action



Address **5009 EL CORTE MIRAMAR NE**

Inspection Date 11/15/2023 Reporting Date 11/10/2023

Customer James Pierce SOURCE 311 311CASE_ID 231110-000228

Customer_Ph 301-2570 e_mail jamespierce3@earthlink.net

X_Link Complaint type OIL Inspector nr

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1211 is it in gis Yes

Complaint CAR OIL DUMPED ON PRIVATE PROPERTY, THAT DRAINED INTO A STORM DRAIN/ARROYO BEHIND A SHED IN SW CORNER OF APARTMENT COMPLEX.

Field Observation IT WAS OIL LEAK FROM THE TRUCK

Initial Action ASKED THE RESIDENT TO CLEAN UP THE OIL SPOTS AND LEFT EDUCATIONAL MATERIAL WITH THE RESIDENT



Address **614 FITZGERALD RD NW**

Inspection Date 12/1/2023 Reporting Date 12/1/2023

Customer Laurie Begnaud SOURCE 311 311CASE_ID 231130-000410

Customer_Ph (518) 229-8660 e_mail mailto:lauriebegnaud@gmail.c

X_Link Complaint type Construction Inspector nr

Facility Contac supervisor Facility_Ph_No na

Suspected_Facility construction site NO 1212 is it in gis Yes

Complaint

STORM WATER FROM DMD HAS VIOLATED JOB SITE.

Field Observation

ILLICIT DISCHARGE FROM THIS SITE WAS VISIBLE. NO INLET PROTECTIONS WERE ON SITE

Initial Action

INSPECTOR ASKED THE CONTRACTOR TO STOP WORKING UNTILL THEY CLEAN UP THE SITE.



Address **ARIOSO APTS AT 7303 MONTGOMERY NE**

Inspection Date 12/6/2023 Reporting Date 12/1/2023

Customer Myrna Duarte-WA SOURCE email 311CASE_ID email

Customer_Ph 289-3523 e_mail mailto:mduarte@abcwua.org

X_Link Complaint type Sewage Inspector nr

Facility Contac manager Facility_Ph_No na

Suspected_Facility Arioso Apts NO 1213 is it in gis Yes

Complaint THIS IS A COLLAPSED SEWER LINE AND IT IS CAUSING AN APARTMENT TO FLOOD AND OVERFLOW DOWN THE STREET ONTO THE SIDEWALK AND INTO THE STORM DRAINS.

Field Observation CONTRACTOR WAS ON SITE FIXING THE COLLAPSED LINE

INSPECTOR ASKED THE MANAGER TO CLEAN UP THE SITE.

Initial Action



Address **3510 COORS SW**

Inspection Date 12/4/2023 Reporting_Date 12/2/2023

Customer Diane Pettigrew-WA SOURCE email 311CASE_ID email

Customer_Ph 289-3557 e_mail mailto:dpettigrew@abcwua.or

X_Link Complaint type Sewage Inspector nr

Facility Contac manager Facility_Ph_No na

Suspected_Facility business NO 1214 is it in gis Yes

Complaint THE HOUSE SIDE SEWER LINES AT THE SHOPPING CENTER WERE OVERFLOWING INTO THE PARKING LOT AND DOWN THE STREET TO THE STORM DRAIN.

Field Observation THE LEAK WAS FIXED

Initial Action ASKED THE MANAGER TO CLEAN UP THE AREA



Address **519 MADEIRA SE**

Inspection Date 12/8/2023 Reporting Date 12/7/2023

Customer Diane Pettigrew SOURCE email 311CASE_ID email

Customer_Ph 842-9287 e_mail mailto:dpettigrew@abcwua.or

X_Link Complaint type Sewage Inspector nr

Facility Contac manager Facility_Ph_No

Suspected_Facility appts NO 1215 is it in gis Yes

Complaint

PRIVATE SEWER LINE BACKED UP AND OVERFLOWING

Field Observation

THERE WAS PONDED SEWAGE AT THE SIDEWALK

Initial Action

THE MANAGER FIXED THE LEAK AND CLEANED UP THE AREA



Address

SUN STATE PROPERTY AT 4711 MENCAL NE

Inspection Date

12/11/2023

Reporting Date

12/8/2023

Customer

King, Derrek -wa

SOURCE

email

311CASE_ID

email

Customer_Ph

na

e_mail

dking@abcwua.org

X_Link

Complaint type

Sewage

Inspector

nr

Facility Contac

manager

Facility_Ph_No

na

Suspected_Facility

sun state property

NO

1216

is it in gis

Yes

Complaint

SEWAGE IS FLOWING FROM DUMPSTER AREA, THRU THE ALLEY WAY BEHIND ADDRESS AND INTO PEOPLES YARDS.

Field Observation

SEWAGE WAS COMING OUT FROM DUMPSTER AREA

THE BUSINESS CALLED A CONTRACTOR TO FIX THE BROKEN LINE.

Initial Action



Address **6104 MCLEOD NE**

Inspection Date 12/13/2023 Reporting Date 12/11/2023

Customer David SOURCE web 311CASE_ID web

Customer_Ph 773-814-5606 e_mail mailto:demunar@gmail.com

X_Link Complaint type Grey Water Inspector nr

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1217 is it in gis Yes

Complaint AT LEAST TWICE A WEEK, THE RESIDENCES AT 6104 MCLEOD RD NE DUMP THEIR DIRTY LAUNDRY WATER INTO STREET GUTTERS

Field Observation THE GUTTER WAS WET

Initial Action THE INSPECTOR ASKED THEM TO STOP DUMPING ANY GREY WATER TO THE GUTTER AND GAVE THE EDUCATIONAL MATERIAL



Address **RV AT 11213 BAJA NE**

Inspection Date 12/14/2023 Reporting Date 12/11/2023

Customer Eva Fain SOURCE 311 311CASE_ID 231211-001850

Customer_Ph (303) 704-1874 e_mail evafain@yahoo.com

X_Link Complaint type Sewage Inspector nr

Facility Contac rv owner Facility_Ph_No na

Suspected_Facility rv NO 1218 is it in gis Yes

Complaint
ILLEGAL DUMPING IN INLET GRATE FROM RV

Field Observation THE AREA WAS CLEAN AND THE OWNER DENIED DUMPING ANY THING INTO THE STORM DRAIN

INSPECTOR GAVE HIM EDUCATIONAL MATERIAL

Initial Action



Address **2100 WALTER SE**

Inspection Date 12/18/2023 Reporting Date 12/15/2023

Customer Glenn Deguzman SOURCE 311 311CASE_ID 231215-000192

Customer_Ph 362-6531 e_mail na

X_Link Complaint type Hazardous Material Inspector

Facility Contac na Facility_Ph_No

Suspected_Facility home NO 1219 is it in gis Yes

Complaint BUCKET OF A SUBSTANCE PUT INTO THE STORM DRAIN INLET

Field Observation NO ONE WAS LIVING AT THIS ADDRESS.

Initial Action INSPECTOR DISTRIBUTE POLLUTION PREVENTION BROCHURE AT THIS AREA, AND GLUED NO DUMPING SIGN ON THE INLETS.



Address **APARTMENTS AT 1101 MADEIRA SE**

Inspection Date 12/18/2023 Reporting Date 12/17/2023

Customer Wesley McDonough-wa SOURCE email 311CASE_ID email

Customer_Ph 289-3598 e_mail wmcdonough@abcwua.org

X_Link Complaint type Sewage Inspector nr

Facility Contac manager Facility_Ph_No 265-4098

Suspected_Facility apartments NO 1220 is it in gis Yes

Complaint WE HAD A REPORT OF A LEAK AT THE ABOVE LOCATION

Field Observation SEWAGE WAS COMING OUT FROM CLEAN OUT POINT

Initial Action THE MANAGER DID UNCLOG THE LINE



Address **VISTA DEL SOL MOBILE HOME PARK AT 4501 BLAKE SW**

Inspection Date 12/28/2023 Reporting Date 12/27/2023

Customer Wesley McDonough-wa SOURCE email 311CASE_ID email

Customer_Ph 289-3598 e_mail wmcdonough@abcwua.org

X_Link Complaint type Sewage Inspector ml

Facility Contac manager Facility_Ph_No

Suspected_Facility mobile homes NO 1221 is it in gis Yes

Complaint SEWAGE LEAKE FROM THIS PARK

Field Observation SEWAGE WAS COMING OUT FROM A PRIVATE SANETARY LINE MH AT THIS LOCATION AND RUNING DOWN ALONG BLABE.

Initial Action ROTO ROOTER WAS CALLED IMMEDIATELY AND UNCLOGED THE LINE AND CLEAND THE AREA



Address **9528 CORDOVA NE**

Inspection Date 12/29/2023 Reporting Date 12/28/2023

Customer Diane Pettigrew-WA SOURCE email 311CASE_ID email

Customer_Ph 289-3557 e_mail dpettigrew@abcwua.org

X_Link Complaint type Sewage Inspector ml

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1222 is it in gis Yes

Complaint WA CREW FOUND THE HOUSE SIDE PRIVATE SEWER LINE BACKING UP INTO THE YARD FROM CLEANUTS AND FLOWING INTO THE STREET

Field Observation NO BODY WAS HOME BUT THERE WAS NO OVERFLOWING.

LEFT EDUCATIONAL MATERIAL AT THIS ADDRESS

Initial Action



Address

RANCHWOOD AND WESTWOOD NW

Inspection Date

1/16/2024

Reporting Date

1/11/2024

Customer

Debbie Lopez

SOURCE

311

311CASE_ID

240111-002033

Customer_Ph

507-7580

e_mail

adtvlopez@gmail.com

X_Link

Complaint type

Sewage

Inspector

nr

Facility Contac

RV resident

Facility_Ph_No

na

Suspected_Facility

RV

NO

1223

is it in gis

Yes

Complaint

RV DUMPED WASTE WATER INTO THE GUTTER

Field Observation

THERE WAS SOME LEFT OVER SEWAGE RESIDUE UNDERNEATH THE RV CLEANOUTS.
NO ONE WAS INSIDE THE RV

INSPECTOR LEFT HIS CARD ON THE DOOR

Initial Action



Address **ARROYO DEL OSO ELEMENTARY 6504 HARPER DR NE**

Inspection Date 1/16/2024 Reporting Date 1/16/2024

Customer nr SOURCE drive by 311CASE_ID drive by

Customer_Ph 273-0278 e_mail

X_Link Complaint type Construction Inspector nr

Facility Contac superintendent Facility_Ph_No na

Suspected_Facility Arroyo Del Oso Elementa NO 1224 is it in gis Yes

Complaint STREET IS COVERED WITH MUD

Field Observation THE SOURCE OF MUD WAS FROM A CONSTRUCTION SITE

Initial Action INSPECTOR ASKED THE CONTRACTOR TO CLEAN UP THE AREA AND IMPROVE THEIR BMPS



Address

DRAINAGE EASEMENT BY 7502 TRAIL RIDGE NE

Inspection Date

1/16/2024

Reporting Date

1/16/2024

Customer

Kristine Sanchez

SOURCE

web

311CASE_ID

web

Customer_Ph

1225

e_mail

X_Link

Complaint type

Trash

Inspector

sk

Facility Contac

na

Facility_Ph_No

na

Suspected_Facility

drainage easement

NO

1225

is it in gis

Yes

Complaint

ALLEY WAY---TRASH, LEAVES, DIRT, CLOTH.

Field Observation

THIS IS A DRAINAGE EASEMENT

FORWARDED TO ARROYO MAINTENANCE FOR CLEAN UP

Initial Action

Address **CITY HALL AT 400 MARQUETTE NW**

Inspection Date 1/18/2024 Reporting_Date 1/18/2024

Customer DL SOURCE drive by 311CASE_ID drive by

Customer_Ph 250-1986 e_mail

X_Link Complaint type Power Wash Inspector DL

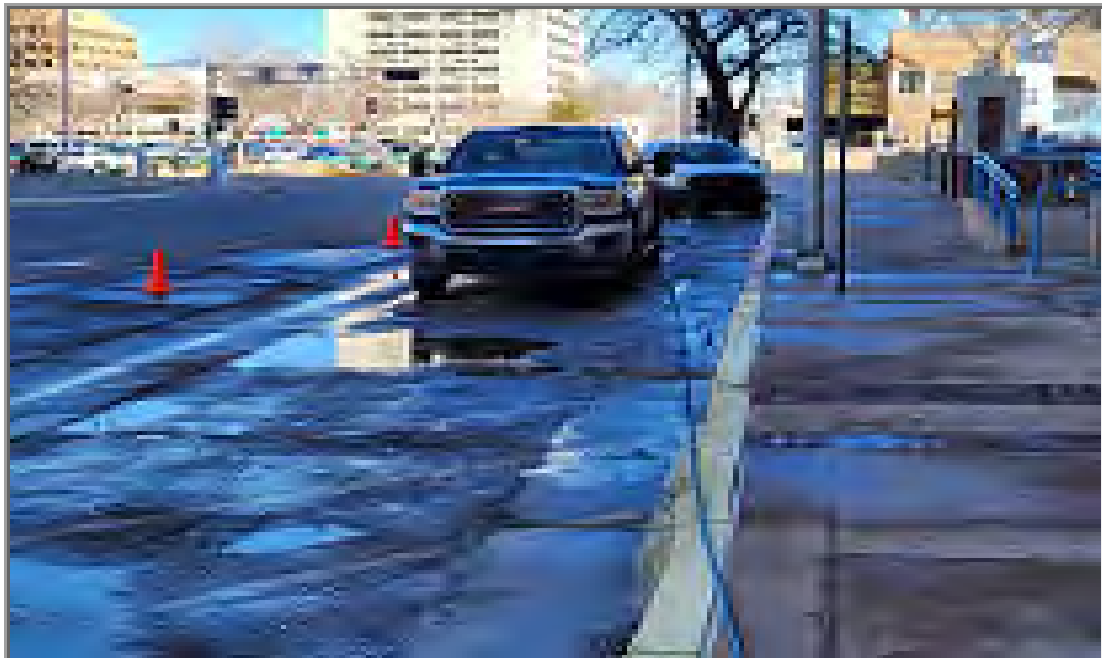
Facility Contac manager Facility_Ph_No 883-7766

Suspected_Facility steamatic nm co. NO 1226 is it in gis Yes

Complaint POWER WASHING THE SIDEWALK INFRONT OF CITY HALL

Field Observation STEAMATIC NM, A POWER WASHING CO. POWER WASHED IN FRONT OF CITY HALL

Initial Action I SNPECTOR ASKED THE MANAGER TO VACUM THE DIRTY WATER PONDED AFTER POWERWASH.



Address **5009 EL CORTE MIRAMAR NE**

Inspection Date 1/22/2024 Reporting Date 1/18/2024

Customer Anonymous SOURCE 311 311CASE_ID 240118-002230

Customer_Ph na e_mail na

X_Link Complaint type Hazardous Material Inspector nr

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1227 is it in gis Yes

Complaint

RESIDENT DUMPING PAINT, CHEMICALS AND OIL IN DRAIN

Field Observation

THERE WAS SOME PAINT RESIDUE ON TOP OF THE GRATE BY THIS ADDRESS

Initial Action

INSPECTOR GLUED NO DUMP SIGN ON THE INLET.



Address **6715 EAGLE ROCK NE**

Inspection Date 1/23/2024 Reporting Date 1/22/2024

Customer Jeanette Clark SOURCE email 311CASE_ID email

Customer_Ph 321-9189 e_mail jeanettabells@gmail.com

X_Link Complaint type Hazardous Material Inspector ja

Facility Contac na Facility_Ph_No na

Suspected_Facility business NO 1228 is it in gis Yes

Complaint

REQUEST TO INSPECT A BUSINESS AT UNIT G.

Field Observation

THE BUSINESS AT UNIT G WAS CLOSED. THE DUMPUSTER WAS LEAKING

INSPECTOR REPORTED THE DUMPUSTER TO 311 FOR REPLACEMENT.

Initial Action



Address **CIS ELECTRONIC COMPONENTS AT 4800 ALAMEDA NE**

Inspection Date 1/22/2024 Reporting Date 1/20/2024

Customer Charles Barber SOURCE email 311CASE_ID email

Customer_Ph na e_mail cbarber@cabq.gov

X_Link Complaint type Hazardous Material Inspector nr

Facility Contac manager Facility_Ph_No 348-4230

Suspected_Facility CIS NO 1229 is it in gis Yes

Complaint
EHD GOT THIS CALL (FOR FIRE AT CIS 4800 ALAMEDA)FROM AFR OVER THE WEEKEND AND I WANTED TO MAKE SURE YOU GOT IT AS THEY WERE CONCERNED ABOUT RUNOFF GOING INTO THE DRAINS.

Field Observation
THERE WAS ELECTRICAL FIRE OUTSIDE THIS FACILITY

AFR WAS AT THE SITE. NO CHEMICAL REACHED THE STORM DRAINS.

Initial Action



Address **271 LA VIDA NUEVA DEL OESTE SW**

Inspection Date 1/16/2024 Reporting Date 1/16/2024

Customer Wesley McDonough-WA SOURCE email 311CASE_ID email

Customer_Ph 289-3598 e_mail wmcdonough@abcwua.org

X_Link Complaint type Sewage Inspector nr

Facility Contac Resident Facility_Ph_No na

Suspected_Facility home NO 1230 is it in gis Yes

Complaint SEWAGE IS LEAKING OUT OF THE CLEANOUTS IN THE BACK YARD

Field Observation SEWAGE IS LEAKING OUT OF THE CLEANOUTS IN THE BACK YARD

Initial Action THE RESIDENT IS IN PROCESS OF FIXING THE LEAK.



Address

THE GROVE AT TRAMWAY APTS AT 12050 CANDELARIA NE

Inspection Date

1/17/2024

Reporting Date

1/16/2024

Customer

Wesley McDonough-WA

SOURCE

email

311CASE_ID

email

Customer_Ph

289-3598

e_mail

wmcdonough@abcwua.org

X_Link

Complaint type

Sewage

Inspector

ml

Facility Contac

Manager

Facility_Ph_No

na

Suspected_Facility

Tramway Apts

NO

1231

is it in gis

Yes

Complaint

A PRIVATE SEWER LINE BY THE WALKING PATH LEAKING.

Field Observation

WA DETERMINED THE SOURCE OF LEAK TO THIS ADDRESS.

THE MANAGER IS WORKING TO FOX THE LEAK AND CLEAN UP THE AREA

Initial Action



Address **6000 MONTANO PLAZA NW**

Inspection Date 1/22/2024 Reporting Date 1/21/2024

Customer Wesley McDonough-WA SOURCE email 311CASE_ID email

Customer_Ph 289-3598 e_mail wmcdonough@abcwua.org

X_Link Complaint type Sewage Inspector nr

Facility Contac manager Facility_Ph_No

Suspected_Facility apartment complex NO 1232 is it in gis Yes

Complaint SANITARY MH OVERFLOWING AT THIS APARTMENT COMPLEX

Field Observation THE PRIVATE MH AT THIS ADDRESS WAS OVERFLOWING

Initial Action THE MANAGER FIXED THE CLOG AND CLEANED UP THE AREA



Address **246 WISCONSIN NE**

Inspection Date Reporting Date

Customer SOURCE 311CASE_ID

Customer_Ph e_mail

X_Link Complaint type Inspector

Facility Contac Facility_Ph_No

Suspected_Facility is it in gis

Complaint

SEWAGE OVERFLOW AT CLENOUT POINT

Field Observation

SEWAGE OVERFLOW AT CLENOUT POINT

THE LAND LOARD IS IN THE PROCESS OF FIXING THE LINE.

Initial Action



Address **2021 ZEARING NW**

Inspection Date 1/26/2024 Reporting_Date 1/25/2024

Customer Amanda Morefield-planning SOURCE email 311CASE_ID email

Customer_Ph 263-5519 e_mail amorefield@cabq.gov

X_Link Complaint type Foul Odor Inspector JA

Facility Contac na Facility_Ph_No

Suspected_Facility shope NO 1234 is it in gis No

Complaint
THERE ARE 55 GALLON DRUMS OF SOME SORT OF CHEMICAL BEING STORED ON THE PROPERTY. NEIGHBORS ADVISED THAT THEY CAN SMELL CHEMICAL FUMES, AND AT TIMES THE PEOPLE ON THIS PROPERTY ARE REPORTED TO HAVE BEEN OBSERVED DISCHARGING CHEMICALS ONTO THE STREET.

Field Observation
THERE IS AN UNKNOWN CONTENT OF A 55 GALLON DRUM OPEN TOP ON THE PROPERTY.

NO BODY IS IN THIS ADDRESS

Initial Action



Address **520 MONTCLAIRE SE**

Inspection Date 2/16/2024 Reporting Date 2/13/2024

Customer Jeremiah Baumgartel SOURCE 311 311CASE_ID 240213-000101

Customer_Ph 239-1496 e_mail mailto:jerbaum@gmail.com

X_Link Complaint type Sewage Inspector NR

Facility Contac Resident Facility_Ph_No

Suspected_Facility RV NO 1235 is it in gis Yes

Complaint
ILLEGAL DUMPING IN THE SEWER FROM RV

Field Observation
THERE WAS NO DRIED SEWAGE RESIDUE AT THIS ADDRESS. NOBODY WAS HOME

LEFT POLLUTION PREVENTION BROCHURES AT THIS LOCATION

Initial Action



Address **LOUISIANA AND COMANCHE NE**

Inspection Date 2/22/2024 Reporting Date 2/20/2024

Customer Thomas Graham SOURCE 311 311CASE_ID 240220-001098

Customer_Ph 387-9250 e_mail

X_Link Complaint type Grey Water Inspector NR

Facility Contac na Facility_Ph_No

Suspected_Facility na NO 1236 is it in gis Yes

Complaint

HAHN ARROYO HAS BEEN RUNNING WATER CONSTANTLY FOR OVER A WEEK.

Field Observation

THOMAS WELL 6 (3503 WYOMING BLVD NE) WAS THE SOURCE. IT IS CLEAN WELL WASH WATER

NO ACTION NEEDED

Initial Action



Address **501 TULANE SE**

Inspection Date 3/4/2024 Reporting Date 4/10/2023

Customer Anonymous SOURCE 311 311CASE_ID 231004-000263

Customer_Ph na e_mail na

X_Link Complaint type OIL Inspector ml

Facility Contac resident Facility_Ph_No

Suspected_Facility home NO 1237 is it in gis Yes

Complaint THE OWNER OPERATING VEHICLE DETAILING BUSINESS, HE DUMPS CHEMICALS INTO GUTTER AND EMITTING NOXIOUS ODORS

Field Observation NO BODY WAS HOME

LEFT POLLUTION PREVENTION BROCHURES AT THIS ADDRESS

Initial Action



Address **1400 WILLIAM ST SE**

Inspection Date 3/14/2024 Reporting Date 3/13/2024

Customer Anonymous SOURCE 311 311CASE_ID 240313-002036

Customer_Ph na e_mail na

X_Link Complaint type OIL Inspector ml

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1238 is it in gis Yes

Complaint DUMPING SOLVENT INTO THE STORM DRAIN

Field Observation THE INLET IN FRONT OF THIS HOUSE WAS DIRTY

Initial Action NO ONE WAS HOME. LEFT EDUCATIONAL MATERIAL AT THIS ADDRESS



Address **CHAMPION XPRESS CAR WASH AT 5301 4TH ST. NW**

Inspection Date 3/25/2024 Reporting Date 3/19/2024

Customer Norma Jean Scott andv NME SOURCE email 311CASE_ID email

Customer_Ph 531-7956 e_mail nafis.fuad@env.nm.gov

X_Link Complaint type Grey Water Inspector ML

Facility Contac Manager Facility_Ph_No na

Suspected_Facility Champion Xpress Car wa NO 1239 is it in gis No

Complaint

STANDING WATER FOR MORE THAN A MONTH IN A RETENTION POND

Field Observation

THERE WAS SOME WATER IN THE POND INFILTRATING VERY SLOW

Initial Action

WE REPORTED THE CASE TO ED TO SPRAY THE POND FOR MOSQUITO CONTROL



Address **5009 EL CORTE MIRAMOR NE (SPAIN-EUBANK)**

Inspection Date 4/15/2024 Reporting Date 3/14/2024

Customer James Pierce SOURCE 311 311CASE_ID 240314-002118

Customer_Ph 301-2570 e_mail jamespierce3@earthlink.net

X_Link Complaint type Hazardous Material Inspector nr

Facility Contac manager Facility_Ph_No na

Suspected_Facility home NO 1240 is it in gis Yes

Complaint CONTAINERS AND TANK ARE HIDDEN THERE BELONGING TO UNIT 5009D AND STRONG SMELL OF DISEAL AND STAINS FROM DUMPING

Field Observation THERE WAS A 55 GAL CONTAINER ON THE SITE LEAKING OIL

Initial Action INSPECTOR ASKED THE MANAGER TO CLEAN UP THE AREA AND REMOVE THE CONTAINER, AND THEY DID.



Address **2301 HEADINGLY NW**

Inspection Date 3/19/2024 Reporting Date 3/18/2024

Customer Anonymous SOURCE 311 311CASE_ID 240318-001776

Customer_Ph na e_mail na

X_Link Complaint type Construction Inspector ml

Facility Contac duke city contractor Facility_Ph_No na

Suspected_Facility NO 1241 is it in gis No

Complaint DUKE CITY CEMENT MIXERS ARE CLEANING RESIDUE FROM THE MIXER ONTO THE DRAINAGE EASTMENT EAST OF SITE ADDRESS.

Field Observation CONCRETE WASH WAS VISIBLE ON THE SITE

Initial Action INSPECTOR ASKED THE CONTRACTOR TO CLEAN UP THE AREA AND THEY DID



Address **3500 COORS SW**

Inspection Date 4/11/2024 Reporting Date 4/11/2024

Customer ml SOURCE drive by 311CASE_ID drive by

Customer_Ph e_mail

X_Link Complaint type OIL Inspector ml

Facility Contac na Facility_Ph_No

Suspected_Facility na NO 1242 is it in gis No

Complaint OIL SPILL ALONG THE ROAD

Field Observation THERE WAS LIGHT OIL SPOTS ALONG THE ROAD

Initial Action NO ACTION



Address **1420 1/2 WALTER NE**

Inspection Date 4/16/2024 Reporting Date 2/15/2024

Customer Desiree Perea-WA SOURCE email 311CASE_ID email

Customer_Ph 842-9287 opt 1 e_mail dperea@abcwua.org

X_Link Complaint type Sewage Inspector ml

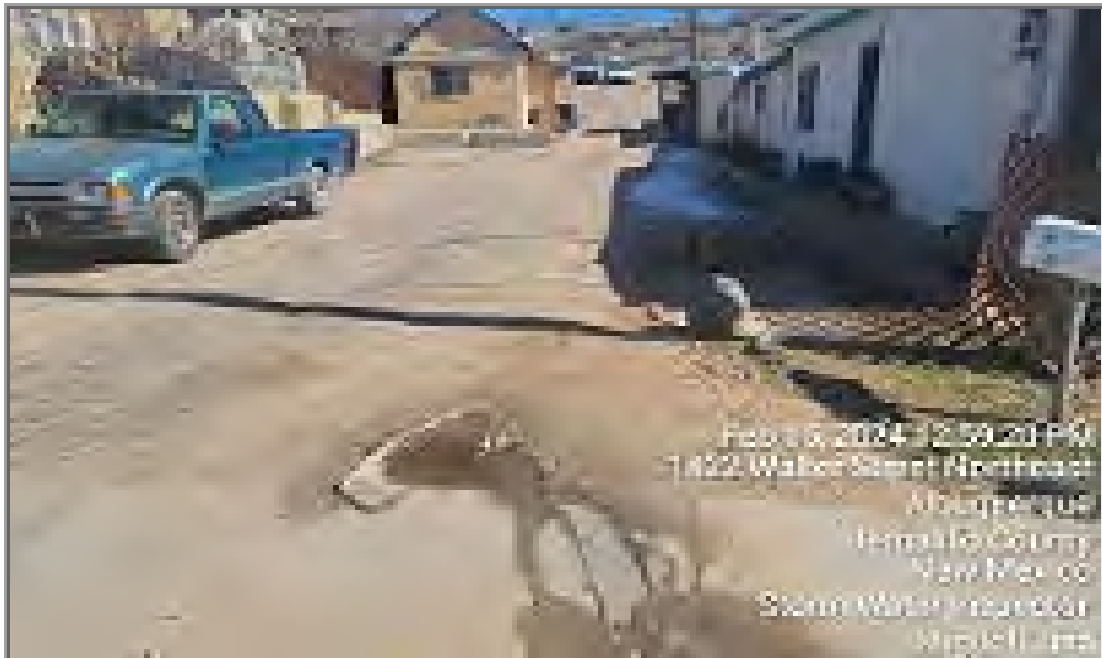
Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1244 is it in gis No

Complaint SEWAGE IS POOLING IN THE FRONT OF THE RESIDENCE, AND SLOWLY RUNNING DOWN THE ROAD

Field Observation SEWAGE IS POOLING IN THE FRONT OF THE RESIDENCE, AND SLOWLY RUNNING DOWN THE ROAD

Initial Action THE LAND LORD IS IN THE PROCESS TO FIX THE PROBLEM



Address **11311 LINN NE**

Inspection Date **2/20/2024** Reporting Date **2/16/2024**

Customer **Diane Pettigrew-WA** SOURCE email **311CASE_ID** email

Customer_Ph **842-9287 x1** e_mail **dpettigrew@abcwua.org**

X_Link Complaint type **Sewage** Inspector **ml**

Facility Contac **resident** Facility_Ph_No **na**

Suspected_Facility **home** **NO** **1245** is it in gis **No**

Complaint

SEWAGE FLOWING IN THE YARD AND DOWN THE STREET

Field Observation

SEWAGE FLOWING IN THE YARD AND DOWN THE STREET

Initial Action

THEY DID FIX THE SEWAGE OVERFLOW



Address **1515 8TH ST NW**

Inspection Date **2/26/2024** Reporting Date **2/25/2024**

Customer **Derrek king-WA** SOURCE email **311CASE_ID** email

Customer_Ph **na** e_mail **dking@abcwua.org**

X_Link **Complaint type** Sewage Inspector **ml**

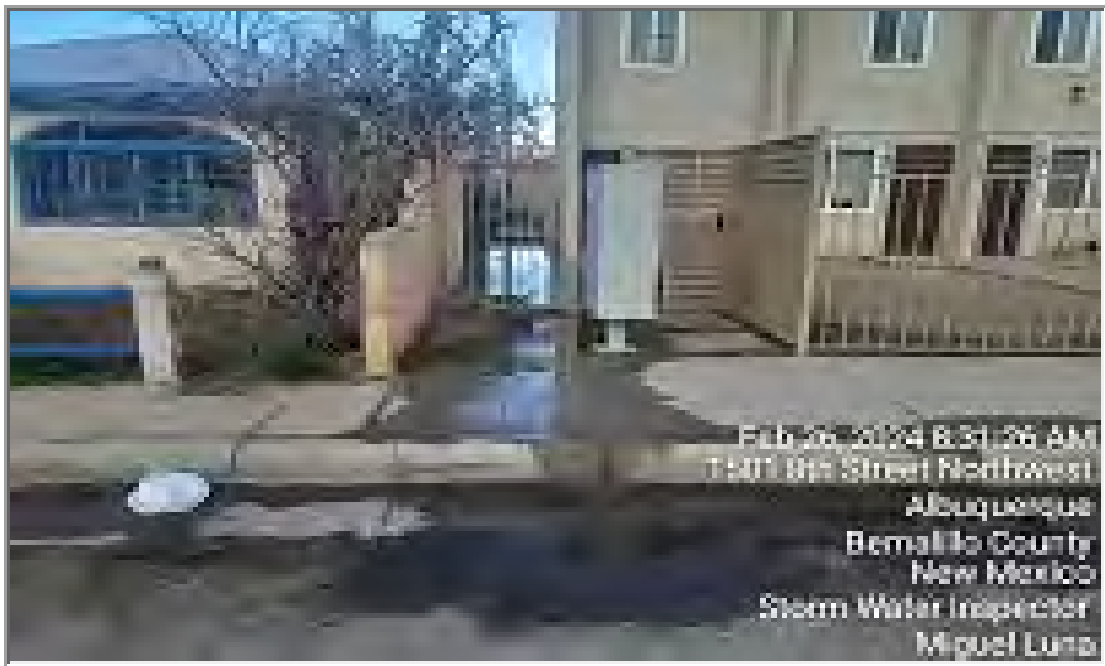
Facility Contac **manager** Facility_Ph_No **na**

Suspected_Facility **apartments** NO **1246** is it in gis **No**

Complaint **SEWAGE FLOWING TO THE STREET FROM THIS APARTMENTS**

Field Observation **SEWAGE FLOWING TO THE STREET FROM THIS APARTMENTS**

Initial Action **REPAIRS WERE MADE, AND CLEANOUTS WERE INSTALLED. RESIDENTS WERE ALL BACK IN THEIR HOMES AND WE HAD NO REPORTS OF FURTHER ISSUES**



Address **226 LANSING SW**

Inspection Date 3/4/2024 Reporting_Date 3/3/2024

Customer Estrellita Flores-WA SOURCE email 311CASE_ID email

Customer_Ph 289-3551 e_mail eflores@abcwua.org

X_Link Complaint type Sewage Inspector ml

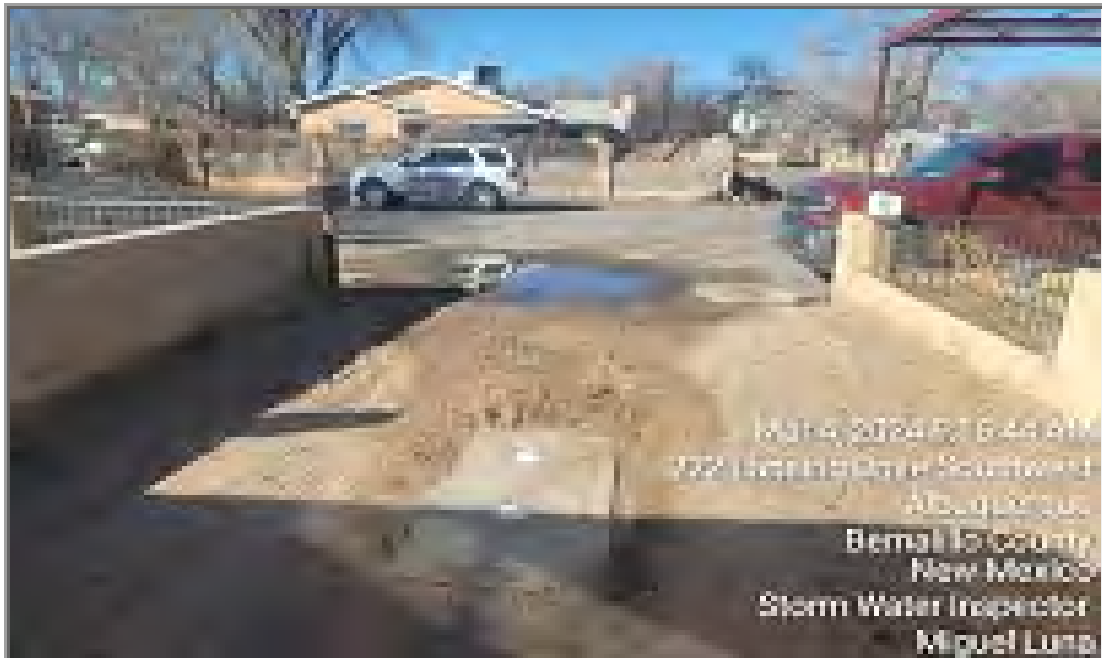
Facility Contac resident Facility_Ph_No

Suspected_Facility home NO 1247 is it in gis No

Complaint
THERE IS SEWER OVERFLOWING INTO THE STREET WHICH IS COMING FROM THIS ADDRESS

Field Observation
THERE IS SEWER OVERFLOWING INTO THE STREET WHICH IS COMING FROM THIS ADDRESS

Initial Action
THERE IS NO ACTIVE SSO AND ALL REPAIRS HAVE BEEN MADE AND CORRECTED BY ROTOR ROOTER



Address **12925 CENTRAL NE**

Inspection Date 3/5/2024 Reporting Date 3/4/2024

Customer Michael smith SOURCE web 311CASE_ID web

Customer_Ph 296-3326 e_mail na

X_Link Complaint type Sewage Inspector ml

Facility Contac manager Facility_Ph_No

Suspected_Facility business NO 1248 is it in gis No

Complaint RAW SEWAGE

Field Observation RAW SEWAGE WAS FLOWING INTO THE STREET

Initial Action CONTRACTOR DID FIX THE PROBLEM AND CLEAND UP THE AREA



Address **634 ESPANOLA NE**

Inspection Date 3/11/2024 Reporting_Date 3/8/2024

Customer SeeClickFix SOURCE 311 311CASE_ID 240308-001657

Customer_Ph na e_mail na

X_Link Complaint type Grey Water Inspector nr

Facility Contac resident Facility_Ph_No na

Suspected_Facility home NO 1249 is it in gis No

Complaint A RESIDENT AT THIS ADDRESS LIVES IN A CAMPER IN THE BACK YARD AND DISCHARGES LIQUID WASTE SEVERAL TIMES A WEEK INTO THE STREET

Field Observation THERE WAS WATER ALONG THE GUTTER

Initial Action NOBODY WAS HOME. LEFT EDUCATIONAL MATERIAL AT THIS ADDRESS



Address **2025 RIDGECREST SE**

Inspection Date 4/10/2024 Reporting Date 4/9/2024

Customer Desiree Perea-WA SOURCE email 311CASE_ID email

Customer_Ph 842-9287 x1 e_mail dperea@abcwua.org

X_Link Complaint type Sewage Inspector ml

Facility Contac manager Facility_Ph_No

Suspected_Facility business NO 1250 is it in gis No

Complaint SEWAGE IS LEAKING INTO THE STREET FROM THE BUSINESS.

Field Observation SEWAGE IS LEAKING INTO THE STREET FROM THE BUSINESS.

THEY DID FIX THE PROBLEM.

Initial Action



Address **501 TULANE SE**

Inspection Date 3/1/2024 Reporting Date 10/4/2023

Customer Lisa Martin SOURCE 311 311CASE_ID 231004-000263

Customer_Ph da e_mail

X_Link X:\MD\SHARE\M Complaint type Hazardous Material Inspector NR

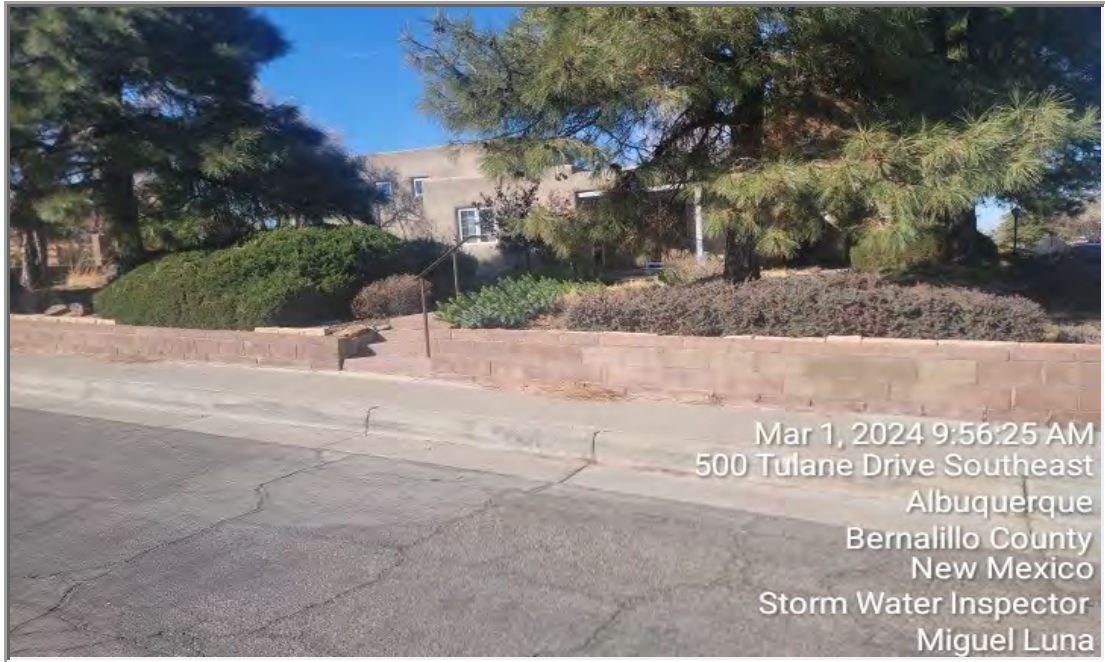
Facility Contac Facility_Ph_No

Suspected_Facility NO 1251 is it in gis No

Complaint THE OWNER OF THIS RESIDENCE APPEARS TO BE OPERATING A COMMERCIAL VEHICLE
DETAILING BUSINESS OUT OF THE HIGH BAY GARAGE THAT FACES GARFIELD.
HE IS DUMPING CHEMICALS INTO THE GUTTER AND EMITTING NOXIOUS ODORS INTO
THE NEIGHBORHOOD

Field Observation NO LUCK GETTING AHOLD OF THE PROPERTY OWNER. SOME PICTURES TAKEN
AROUND THE AREA AND DID NOT SEE ANY VISUAL SIGNS OF CONTAMINANTS ON
THE ROW.

Initial Action



Address **4516 HILTON AVE NE**

Inspection Date 4/25/2024 Reporting Date 4/24/2024

Customer SOURCE email 311CASE_ID

Customer_Ph e_mail

X_Link X:\MD\SHARE\M Complaint type Inspector NR

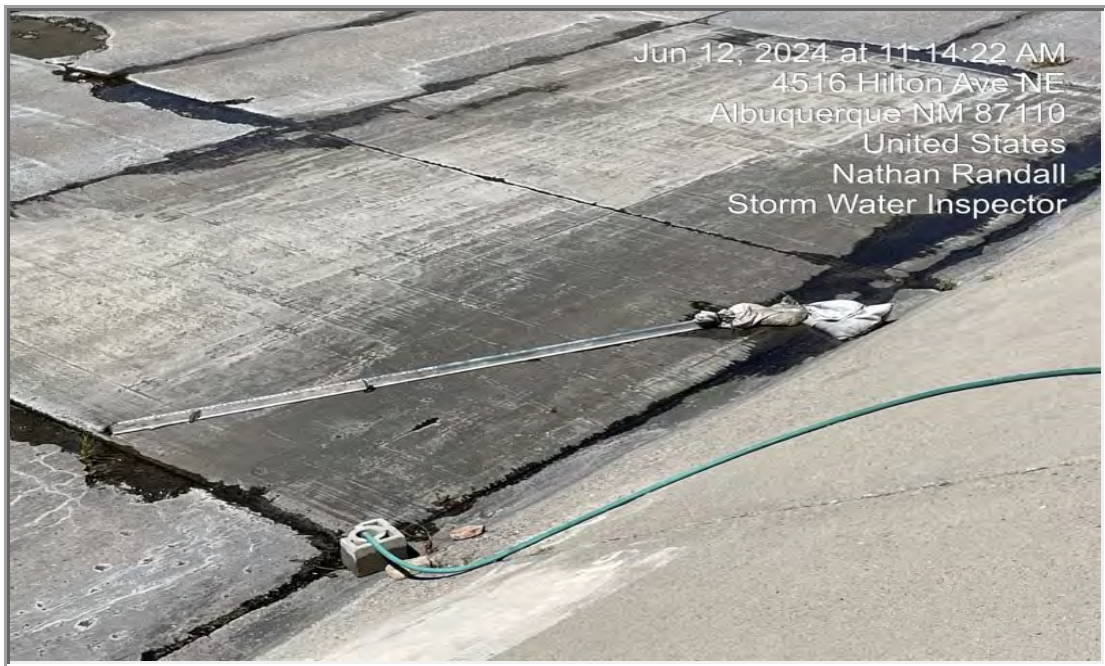
Facility Contac Facility_Ph_No

Suspected_Facility NO 1252 is it in gis No

Complaint HOMEOWNER IS PUMPING WATER INTO THE HAHN ARROYO.

Field Observation INSPECTOR OBSERVED WATER GOING INTO THE ARROYO. INSPECTOR CONTACTED RESIDENT AND NOTIFIED HIM HE IS VIOLATION AND NEEDED TO REMOVE ASAP. FOLLOW-UP 5/8 SHOWED CONTINUED USE OF THE PUMP AND FLOODING ARROYO.

Initial Action INSPECTOR CONFISCATED THE FILTER/SCREEN IN HOPES TO STOP WATER PUMPING.



Address **1206 JEFFERSON NE**

Inspection Date 5/9/2024 Reporting Date 5/8/2024

Customer Kyle O'Malley SOURCE email 311CASE_ID

Customer_Ph e_mail komalley200@gmail.com

X_Link X:\MD\SHARE\M Complaint type Hazardous Material Inspector

Facility Contac pjsitges@gmail.com Facility_Ph_No

Suspected_Facility Phillip Sitges NO 1253 is it in gis No

Complaint WHITE MATERIAL OBSERVED DRAINING INTO SEWER SYSTEM. (THE PRODUCT WE SPILT WAS LA HABRA CEMENT FINISH STUCCO COLONIAL WHITE.)

Field Observation INSPECTOR MET WITH RESIDENT AT THE LOCATION OF THE SPILL

Initial Action I UTILIZED A SHOVEL, LARGE BROOM AND WHEEL BARREL TO PICKUP THE SAND AND MOST OF THE COLORING AND PLACED IN OUR GARBAGE BIN. WE THEN UTILIZED AND POWER WASHER TO REMOVE THE REMAINING WHITE



Address **634 ESPANOLA ST NE**

Inspection Date 5/13/2024 Reporting_Date 5/13/2024

Customer SeeClickFix SOURCE 311 311CASE_ID 240512-000704

Customer_Ph e_mail

X_Link Complaint type Hazardous Material Inspector

Facility Contac Facility_Ph_No

Suspected_Facility NO 1254 is it in gis No

Complaint

ONCE AGAIN THIS HOME IS DRAINING THE WASTE FROM THE RV LIVING IN THEIR BACKYARD. IT GOES DOWN THE BLOCK AND IT IS UNSANITARY AND UNSAFE FOR THE NEIGHBORHOOD. THIS HAS BEEN GOING ON OVER A YEAR.

Field Observation

Initial Action



Address **3205 MONTGOMERY BLVD NE**

Inspection Date 5/22/2024 Reporting Date 5/14/2024

Customer Frank Argyres SOURCE 311 311CASE_ID 240514-000996

Customer_Ph (505) 239-3781 e_mail fargyres@gmail.com

X_Link X:\MD\SHARE\M Complaint type Cooking grease Inspector NR

Facility Contac na Facility_Ph_No

Suspected_Facility NO 1255 is it in gis No

Complaint

MISSING/RESET FOOD TRUCK IS DUMPING COOKING OIL INTO THE DRAIN.

Field Observation

INSPECTOR OBSERVED EVIDENCE OF ILLEGAL DISPOSAL

Initial Action

STORM INSPECTOR SPOKE WITH THE FOOD TRUCK OPERATOR TO ENCOURAGE PROPER COOKING OIL DISPOSAL



Address **607 HIGH ST NE**

Inspection Date **6/21/2024** Reporting Date **6/15/2024**

Customer **anonymous** SOURCE **311** 311CASE_ID **240615-000487**

Customer_Ph **n/a** e_mail

X_Link **X:\MD\SHARE\M** Complaint type **Nuisance Water** Inspector **NR**

Facility Contac **Facilities manager Jo** Facility_Ph_No **505-727-1074**

Suspected_Facility **NO** 1256 is it in gis **No**

Complaint
IT SMELLS AND LOOKS LIKE SEWAGE I LEAKING OUT AND POOLING ALONG THE SIDEWALK ALL THE WAY TO MARTINEZ TOWN PARK. THIS STANDING WATER AND MUCK HAS BEEN HERE SINCE AT LEAST EARLY MAY.

Field Observation
INSPECTOR VISITED THE SITE AND DOCUMENTED VIOLATIONS

Initial Action
STORM INSPECTOR NOTIFIED THE FACILITES MANAGER, WHO TOOK STEPS TO STOP THE LEAK. DOCUMENTED WITH PICTURES AND VIDEOS.



Attachment 4b
311 Inspections Collected on
New FY24 Tracking System

New FY24 311 Tracking GIS Application

| Count | Date * | Inspection Type | Case Number | Inspected By | Comments | Address |
|-------|------------------|-----------------|---------------|----------------|---|--------------------------|
| 1 | 8/8/2023 16:32 | 311 | <Null> | DJ Laskowski | <Null> | FIREMesaDelSol |
| 2 | 8/21/2023 16:30 | 311 | <Null> | DJ Laskowski | <Null> | 2929JeffersonNE |
| 3 | 11/30/2023 20:20 | 311 | <Null> | Nathan Randall | <Null> | 1800 Central SE |
| 4 | 12/15/2023 20:33 | 311 | <Null> | Nathan Randall | <Null> | 4217 Delamar NE |
| 5 | 2/29/2024 20:27 | 311 | Pond 124 | Miguel Luna | Erosion complaint | 6904 Brianna Loop |
| 6 | 4/24/2024 19:48 | 311 | 240424-000275 | Nathan Randall | Behind house rain water into her yard | 6313 Gonzales rd SW |
| 7 | 4/29/2024 14:54 | 311 | <Null> | Miguel Luna | Concrete washout on private land by Coyote Concrete | 8320 Palomas NE |
| 8 | 5/13/2024 17:01 | 311 | 240508-000559 | Nathan Randall | Raise wall along pond | 6509 honey Locust Ave NW |
| 9 | 5/23/2024 16:45 | 311 | 240522-002280 | Miguel Luna | Water flowing into arroyo | 5301 Palo Duro NE |
| 10 | 5/28/2024 17:09 | 311 | 240525-000895 | Miguel Luna | Oil being dumped into storm drain | 150 Woodward SE |
| 11 | 5/29/2024 16:01 | 311 | 311 | Miguel Luna | Blowing landscaping material into ROW | 914 Broadway SE |
| 12 | 5/30/2024 20:27 | 311 | 240503-002028 | Miguel Luna | Heavy traffic easement to arroyo | 4201 Landau NE |
| 13 | 5/31/2024 15:33 | 311 | MS4 | Miguel Luna | No dumped material on site | 5620 Miami NW |
| 14 | 6/6/2024 13:46 | 311 | 240603-000144 | Miguel Luna | RV discharging liquid | 10000 Chantilly NW |
| 15 | 6/12/2024 14:46 | 311 | Call in | Miguel Luna | Patch work being conducted by COA Streets | 5009 Palo Duro NE |
| 16 | 6/12/2024 16:39 | 311 | 240610-002748 | Miguel Luna | Urine being dumped down storm drain. Negative results | Anderson and San Pedro |
| 17 | 6/12/2024 19:56 | 311 | 240611-002752 | Nathan Randall | <Null> | 120 La Plata Rd NW |
| 18 | 6/12/2024 20:58 | 311 | 240610-002153 | Nathan Randall | Water not draining | 3401 Cuervo Dr NE |
| 19 | 6/13/2024 20:14 | 311 | MS4 | Miguel Luna | Illicit discharge with no resolution | Claremont and Richmond |
| 20 | 6/13/2024 20:16 | 311 | <Null> | Javier Ayala | Request for ACS response [Incident: 240613-00129Homeless encampment [Incident: 240613-001258]0 -- | <Null> |
| 21 | 6/14/2024 14:31 | 311 | <Null> | Javier Ayala | fallow up on 311 | <Null> |
| 22 | 6/17/2024 21:21 | 311 | <Null> | Nathan Randall | Dumping oil | 753 Jewel PI NE |
| 23 | 6/24/2024 19:10 | 311 | No info | Miguel Luna | Hosing down grease down storm drain | 125 2nd St NW |
| 24 | 6/26/2024 16:01 | 311 | 240626-000450 | Miguel Luna | No resolution | 520 Wheeler SE |
| 25 | 6/27/2024 16:24 | 311 | 240620-002864 | Miguel Luna | No answer at the door. Left business card and brochures at the door. | 248 Monte Largo NE |

Attachment 4c
FY24 ArcGIS Map
All Inspections

Legend

Inspector Tracking

Inspection Type

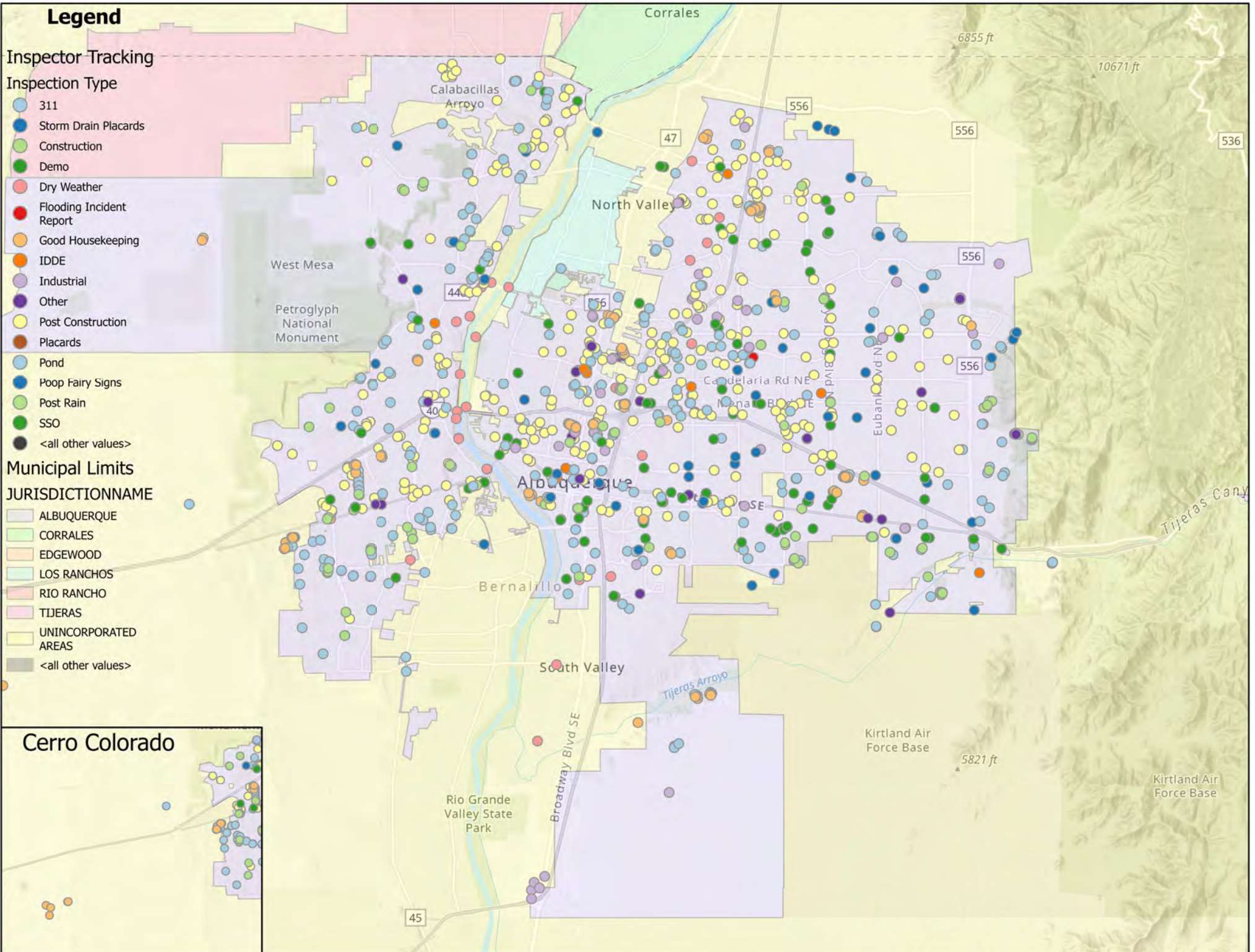
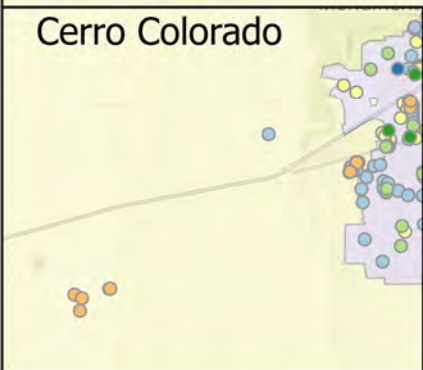
- 311
- Storm Drain Placards
- Construction
- Demo
- Dry Weather
- Flooding Incident Report
- Good Housekeeping
- IDDE
- Industrial
- Other
- Post Construction
- Placards
- Pond
- Poop Fairy Signs
- Post Rain
- SSO
- <all other values>

Municipal Limits

JURISDICTIONNAME

- ALBUQUERQUE
- CORRALES
- EDGEWOOD
- LOS RANCHOS
- RIO RANCHO
- TIJERAS
- UNINCORPORATED AREAS
- <all other values>

Cerro Colorado



Attachment 5
FY24 Post-Construction
Inspections

| Date * | Inspection Type * | Case Number | Comments | Address |
|-----------------|-------------------|-------------|--|--------------------------------|
| 9/8/2023 23:00 | Post Construction | E12D015C | ANDALUCIA Villas 5300 Antequera nw | |
| 9/8/2023 23:00 | Post Construction | E12D015 | Andalucia Bosque School Ponds A & B | |
| 9/20/2023 23:00 | Post Construction | E17D034C | ARRAY TECH ADDITION | |
| 9/20/2023 23:00 | Post Construction | E17D041F | PURVIS INDUSTRIES WAREHOUSE | |
| 9/20/2023 23:00 | Post Construction | E17D076 | INDEPENDENCE SQUARE | |
| 9/20/2023 23:00 | Post Construction | E18D019C | MCDONALDS - 6300 SAN MATEO BLVD NE | |
| 9/26/2023 | Post Construction | E12D015A | Bosque School | |
| 9/27/2023 | Post Construction | E18D059 | SAN ANTONIO OFFICE/RETAIL | |
| 9/27/2023 | Post Construction | F14D038 | DOUGLAS MACARTHUR COURTYARD | |
| 9/27/2023 23:00 | Post Construction | E18D030A | T-MOBILE STORE #228 | |
| 10/3/2023 | Post Construction | F14D073 | LIFE SPRINGS CHRISTIAN CHURCH | |
| 10/3/2023 | Post Construction | F15D032 | MONTANO TRANSIT CENTER - 130 & 138 MONTANO | |
| 10/3/2023 | Post Construction | F16D001 | STATE EMPLOYEE CU - 3521 MONTGOMERY | |
| 10/11/2023 | Post Construction | F15D052B | AClass STORAGE | |
| 10/13/2023 | Post Construction | F16D005K | DREAM STYLE - TRACT 4A2 | 1460 N Renaissance NE 87107 |
| 10/13/2023 | Post Construction | F16D017 | SKILLED NURSING FACILITY | 1610 N Renaissance NE 87107 |
| 10/17/2023 | Post Construction | F16D003B1 | OSO BIO WAREHOUSE FREEZER PROJECT | |
| 10/17/2023 | Post Construction | F17D006 | CHEDDARS CASUAL CAFÉ | 4865 PAN AMERICAN NE 87109 |
| 10/20/2023 | Post Construction | F17D006A | BUBBAS 33 RESTURANT | 4861 PAN AMERICAN FWY NE |
| 10/20/2023 | Post Construction | | FAIRFIELD | 4875 PAN AMERICAN FRWY |
| 10/20/2023 | Post Construction | | HAMPTON INN & SUITES | 4412 THE 25 WAY 87109 |
| 10/20/2023 | Post Construction | | DAVITA | 5201 SAN MATEO NE |
| 10/25/2023 | Post Construction | F17D096 | Red Rock Roasters | 4801 JEFFERSON NE 87109 |
| 10/25/2023 | Post Construction | | DEL NORTE HIGH SCHOOL | F18D054 |
| 10/25/2023 | Post Construction | | SMITHS #485 FUEL STATION | 6941 MONTGOMERY NE 87109 |
| 10/25/2023 | Post Construction | F19D013C | STARBUCKS | 4601 WYOMING NE |
| 10/25/2023 | Post Construction | F20D021 | HEIGHTS SEVEN DAY ADVENTIST CHURCH | 4920 WYOMING 87111 |
| 10/27/2023 | Post Construction | F21D063 | HPL ENDODONTICS | 10429 LAGRIMA DE ORO NE 87111 |
| 10/27/2023 | Post Construction | F21D080 | FIRST CHRISTIAN CHURCH | 10101 MONTGOMERY BLVD NE 87111 |
| 10/27/2023 | Post Construction | F22D002 | SANDIA AREA FEDERAL CREDIT UNION | 11301 MONTGOMERY NE 87111 |
| 11/1/2023 | Post Construction | G10D029B | HORIZON ACADEMY WEST | 30021 TODOS SANTOS NW 87120 |
| 11/1/2023 | Post Construction | G11D023 | WENDY'S | |

| | | | | |
|------------|-------------------|----------|---|--|
| 11/1/2023 | Post Construction | G11D031 | TUCSON ROAD RETAIL SHOPS | |
| 11/1/2023 | Post Construction | G11D048 | DESERT HILLS MODERNIZATION- 5310C SEQUOIA NW | |
| 11/1/2023 | Post Construction | G11D051 | DESERT HILLS MODERNIZATION- 5200C SEQUOIA NW | |
| 11/3/2023 | Post Construction | G11D069A | COORS RETAIL PAVILION - LOT 2 | |
| 11/3/2023 | Post Construction | G11D069B | COORS RETAIL PAVILION - LOTS 4 | |
| 11/3/2023 | Post Construction | G13D010 | VALLEY HIGH SCHOOL GYMNASIUM (1505 CANDELARIA RD) | |
| 11/3/2023 | Post Construction | G14D004 | NORTH VALLEY SENIOR FITNESS CENTER - 3825 4TH ST NW | |
| 11/14/2023 | Post Construction | G14D066 | COMMERCIAL & APARTMENT BUILDING -PHASE II | |
| 11/14/2023 | Post Construction | G14D071 | DELS HIDE A WAY SUBD | |
| 11/14/2023 | Post Construction | G14D085 | LOVATO, PHILIP & SONS | |
| 11/14/2023 | Post Construction | G15d001 | ALBUQUERQUE OPPORTUNITY CENTER - RESPITE CARE ADDITION - 715 CANDELARIA | |
| 11/14/2023 | Post Construction | G15D009 | STORMAX STORAGE ADDITIONS 106 & 109 MESCALERO RD | |
| 11/21/2023 | Post Construction | G15D061 | RANKIN TRAINING FACILITY SITE RENOVATIONS | |
| 11/21/2023 | Post Construction | G15D201 | DISCOUNT TOWING | |
| 11/21/2023 | Post Construction | G16D004 | AAA ROOFING STORAGE SPACE | |
| 11/29/2023 | Post Construction | G16D095E | National Electric | |
| 11/29/2023 | Post Construction | G16D096 | SEATTLE FISH CO | |
| 11/29/2023 | Post Construction | G16D103 | LA CUMBRE Cold Storage Building | |
| 12/1/2023 | Post Construction | G16D149 | MAIN EVENT | |
| 12/1/2023 | Post Construction | G16D150 | COLES METAL - 3435 VASSAR DR NE | |
| 12/1/2023 | Post Construction | G16D152 | WINNELSON ALBUQUERQUE - 3545 PRINCETON AVE NE | |
| 12/6/2023 | Post Construction | G17D006C | STARBUCKS | |
| 12/6/2023 | Post Construction | G17D011 | ROCK AND BREWS | |
| 12/6/2023 | Post Construction | G17D019 | MCKINLEY MIDDLE SCHOOL 7TH GRADE CLASSROOM | |
| 12/6/2023 | Post Construction | G17D019A | APS FAMILY SCHOOL EAST SIDE | |
| 12/6/2023 | Post Construction | G17D037 | HODGIN E.S. KIINDERGARDEN ADDITION | |

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|------------|-------------------|-----------|---|----------------------------|
| 12/6/2023 | Post Construction | G19D018 | Albuquerque Commercial Center | |
| 12/6/2023 | Post Construction | G19D021 | SANDIA HIGH SCIENCE MATH BULIDING | |
| 12/8/2023 | Post Construction | G19D037 | COMANCHE ELEMENTARY SCHOOL PH. 1 | |
| 12/8/2023 | Post Construction | G21D020 | JUAN TABO LIBRARY | |
| 12/8/2023 | Post Construction | G21D033 | MITCHELL ELEMENTARY SCHOOL ADDITION | |
| 12/14/2023 | Post Construction | G21D012F | WASHINGTON FEDERAL BANK | |
| 12/15/2023 | Post Construction | H09D024 | HERITAGE MARKET PLACE - 1800 UNSER BLVD NW | 1800 UNSER NW |
| 12/15/2023 | Post Construction | H09D026 | TACO BELL AT HERITAGE MARKETPLACE | 1740 Unser NW 87120 |
| 12/15/2023 | Post Construction | H09D027 | HERITAGE MARKET PLACE TRACT C-3 - 1720 UNSER BLVD | 1720 Unser NW 87120 |
| 12/15/2023 | Post Construction | H11D021 | WEST MESA MIINI STORAGE PHASE 1 - 2559 COORS | 2559 COORS |
| 12/15/2023 | Post Construction | H10D006A5 | UNSER & VISTA ORIENTE SHELL BUILDING | 2220 Unser NW 87120 |
| 12/15/2023 | Post Construction | H11D062 | ST. PETER & PAUL CHURCH - | 5800 OURAY RD NW |
| 12/15/2023 | Post Construction | H11D068 | ATRISCO APARTMENTS - 1720 ATRISCO DR NW | 1720 ATRISCO DR NW |
| 12/27/2023 | Post Construction | H11D069 | WIENERSCHNITZEL | 2551 CORONA NW 87120 |
| 12/27/2023 | Post Construction | H11D071 | GOOD 2 GO | 1535 COORS NW 87121 |
| 12/28/2023 | Post Construction | H12D001 | LOS DURANES COMMUNITY CENTER - 2920 LEOPOLDO RD NW | 2920 LEOPOLDO RD NW |
| 12/29/2023 | Post Construction | H13D009 | MCDONALDS - 1120 INDIAN SCHOOL | 1120 INDIAN SCHOOL |
| 1/9/2024 | Post Construction | H12D008A | MONTESSORI ON THE RIO GRANDE - 1650 GABALDON DR NW | 1650 GABALDON NW 87104 |
| 1/9/2024 | Post Construction | H13D021 | STARBUCKS COFFEE | 1000 RIO GRANDE NW 87104 |
| 1/9/2024 | Post Construction | | 1010 RIO GRANDE BLVD NW-BURGER KING | 1010 RIO GRANDE BLVD NW- |
| 1/10/2024 | Post Construction | H13D025A | SAWMILL VILLAGE | 1751 Bellamah NW 87104 |
| 1/10/2024 | Post Construction | H13D057 | SAWMILL CROSSING SUBDIVISION UNIT 2-CHANNEL CONS | 1731 Band Saw PI NW 87104 |
| 1/16/2024 | Post Construction | H13D106 | AIS RETAIL | 2400 12th st NW 87102 |
| 1/16/2024 | Post Construction | H14D002 | FRANCISCAN ACRES SUBDIVISION A,B,C | 310 indian school NE 87102 |
| 1/16/2024 | Post Construction | H14D041 | ADVANCED AUTO PARTS STORE | 2801 4TH ST NW 87107 |
| 1/16/2024 | Post Construction | H14D067 | FIRST BAPTIST CHURCH NOON DAY CAMPUS - 2400 2ND ST NW | 2400 2ND ST NW |
| 1/18/2024 | Post Construction | H15D015 | FOUR POINTS BY SHERATON | 1660 UNIVERSITY NE 87102 |
| 1/18/2024 | Post Construction | H15D016 | SUNSET MEMORIAL PARK CREMATORY | 924 MENAUL NE 87107 |
| 1/18/2024 | Post Construction | H15D065 | GALLES CHEVROLET | 2801 UNIVERSITY NE 87107 |
| 1/18/2024 | Post Construction | H16D083A3 | MURPHYS EXPRESS | 2707 CARLISLE NE 87107 |

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|-----------|-------------------|-----------|--|----------------------------|
| 1/18/2024 | Post Construction | H16D083D | RICHMOND SWITCHING STATION | 2300 RICHMOND DR NE |
| 1/26/2024 | Post Construction | H16D087 | VA ELECTRIC | 2207 CANDELARIA NE 87107 |
| 1/26/2024 | Post Construction | H16D147 | MATTHEW DRIVE STORAGE ADDITION | 3309 MATTHEW NE |
| 1/26/2024 | Post Construction | H16D148 | TMOBILE RETAIL BUILDING | 2700 CARLISLE NE 87110 |
| 1/26/2024 | Post Construction | H17D036A2 | GREEN JEANS | 3600 CUTLER NE 87110 |
| 1/26/2024 | Post Construction | H17D086 | STONE AGE CLIMBING GYM | 4130 CUTLER AVE NE 87110 |
| 2/1/2024 | Post Construction | G20D036 | SHEPHERD LUTHERAN CHURCH | |
| 2/1/2024 | Post Construction | H17D089A | CALIBERS TRACT - 4360 cutler B1F | 4340 cutler NE 87110 |
| 2/1/2024 | Post Construction | H17D103 | PLAZA at SAN MATEO - 2451 SAN MATEO NE | 2451 SAN MATEO NE |
| 2/1/2024 | Post Construction | H17D111 | ADVANCE AUTO PARTS - SAN MATEO & CLAREMONT | 2807 SAN MATEO NE 87110 |
| 2/1/2024 | Post Construction | H18D005C | LONGHORN STEAKHOUSE RESTURANT CORNADO | 6600 MENAUL NE 87110 |
| 2/1/2024 | Post Construction | H18D005D | THE CHEESECAKE FACTORY | 6600 MENAUL NE 87110 |
| 2/1/2024 | Post Construction | H18D007C | NEW FUTURE ADDITION - 5400 CUTLER AV NE | 5400 CUTLER AV NE |
| 2/1/2024 | Post Construction | H18D018 | MORGAN STANLEY CONVERSION | 6701 UPTOWN NE 87110 |
| 2/1/2024 | Post Construction | H19D055A | MAIN BANK - 7300 MENAUL NE | 7300 MENAUL NE |
| 2/8/2024 | Post Construction | H19D080 | PROSPECT APARTMENTS-7020 PROSPECT AVE NE | 7020 PROSPECT NE |
| 2/8/2024 | Post Construction | H20D033 | AZTEC SPECIAL EDUCATION FACILITY | 2611 Eubank NE 87112 |
| 2/8/2024 | Post Construction | H21D049 | GILLIANI OFFICE | 10412 MENAUL BLVD NE |
| 2/8/2024 | Post Construction | H21D051 | DUNKIN DONUTS | 2301 JUAN TABO BLVD NE |
| 2/8/2024 | Post Construction | H22D035 | OÑATE ELEMENTARY SCHOOL CLASSROOM | 12415 BRENTWOOD HILLS |
| 2/9/2024 | Post Construction | H19D082 | ABQ. UPTOWN ASSISTED LIVING | 7611 Indian School NE |
| 2/9/2024 | Post Construction | H20D003D | Raising Cain's-Woming | 2004 Wyoming NE 87112 |
| 2/9/2024 | Post Construction | H21D010 | COLLET PARK ELEMENTRY SCHOOL | 2100 Morris NE 87112 |
| 2/14/2024 | Post Construction | H20D003C | CHICK FIL A | 2274 WYOMING BLVD NE |
| 2/14/2024 | Post Construction | J08D002 | APS COMMUNITY SPORTS STADIUM | 1601 ARROYO VISTA BLVD NW |
| 2/14/2024 | Post Construction | J08D002A | WESTSIDE REGIONAL SPORTS COMPLEX | 1801 Arroyo Vista NW 87120 |
| 2/14/2024 | Post Construction | J09D021 | BRUCKNER TRUCK SALES - TRACT 20 & 21 | 8101 Daytona NW 87121 |
| 2/14/2024 | Post Construction | J09D022 | TRAPNELL ORTHODONTICS | 6401 Los Volcanes NW 87121 |
| 2/14/2024 | Post Construction | J09D025 | ABQ RIDE DAYTONA DESIGN - 8001 Daytona Rd NW | 8001 Daytona Rd NW |
| 2/14/2024 | Post Construction | J10D005 | WEST MESA HIGH SCHOOL NEW CLASSROOMS-PHASE 2 | 6701 FORTUNA NW 87121 |
| 2/21/2024 | Post Construction | J10D013 | NORTH COORS STORAGE - 615B COORS NW | 615 COORS NW 87121 |
| 2/21/2024 | Post Construction | J10D031 | RIVERGLEN APARTMENTS-6801 GLENRIO NW | 6801 GLENRIO NW |

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|-----------|-------------------|---------|---|------------------------|
| 2/21/2024 | Post Construction | J10D044 | INLAND KENWORTH - FORTUNA & GALLATIN | 7701 FORTUNA NW 87121 |
| 2/21/2024 | Post Construction | J11D012 | PAT HURLEY COMMUNITY CENTER | 3828 Rincon NW 87105 |
| 2/21/2024 | Post Construction | J12D009 | REGINALD CHAVEZ ELEMENTRY SCHOOL CLASSROOM ADDITIONS | 2700 Mountain NW 87104 |
| 2/21/2024 | Post Construction | J12D028 | CASA GRANDE & EL VADO DEVELOPMENT-2500 CENTRAL | 2500 CENTRAL SW 87104 |
| 2/22/2024 | Post Construction | J13D010 | COUNTRY CLUB PLAZA BUILDING 2 - 1720 CENTRAL | 1720 CENTRAL SW |
| 2/22/2024 | Post Construction | J13D037 | PLAZA HACIENDA ADDITION | 1919 Old Town NW 87104 |
| 2/22/2024 | Post Construction | J13D053 | MCDONALDS OLD TOWN - 2305 CENTRAL AVE NW | 2305 CENTRAL NW 87104 |
| 2/23/2024 | Post Construction | J10D043 | GLENRIO APARTMENTS | 6901 Glenrio NW |
| 2/23/2024 | Post Construction | J11D037 | MCDONALD'S HANOVER AND COORS-REVISION#2 | 1501 COORS NW 87121 |
| 2/23/2024 | Post Construction | J13D066 | NEW HOTEL CHACO- 2000 BELLAMAH NW 87104 | 2000 BELLAMAH NW 87104 |
| 2/23/2024 | Post Construction | J13D070 | EXPLORA SCIENCE CENTER & CHILDREN'S MUSEUM ADDITION & RENOVATION | 1701 Mountain NW 87104 |
| 2/23/2024 | Post Construction | J13D096 | GARCIAS FOOD PREP WAREHOUSE - 1736 CENTRAL | 1736 Central SW 87104 |
| 2/28/2024 | Post Construction | J13D097 | NMAS HOUSING PROJECT - 1023 CENTRAL AVE NW | 1023 CENTRAL AVE NW |
| 2/28/2024 | Post Construction | J13D099 | ACE LEADERSHIP HIGH SCHOOL | 1240 SAWMILL NW 87104 |
| 2/28/2024 | Post Construction | J13D100 | GORMAN WAREHOUSE ADDITION | 1330 12TH NW 87104 |
| 2/28/2024 | Post Construction | J13D101 | BLUE LYNX WAREHOUSE | 1820 Bellamah NW 87104 |
| 2/28/2024 | Post Construction | J14D140 | MARBLE BREWERY | 111 MARBLE NW 87102 |
| 2/28/2024 | Post Construction | J14D167 | St. Joseph's on fifth | 1516 5TH ST NW 87102 |
| 2/28/2024 | Post Construction | J14D171 | GRANITE PARKING LOT - 950 4TH ST | 950 4TH ST 87102 |
| 2/28/2024 | Post Construction | J14D172 | ALBUQUERQUE HEALTHCARE FOR THE HOMELESS EXPANSION- 1220 1ST ST LOMR F # 160 | 1217 1ST NW 87125 |
| 2/29/2024 | Post Construction | J14D173 | CUATRO DEVELOPMENT - 1319 4TH ST NW | 1319 4TH ST NW 87102 |

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|-----------|-------------------|----------|--|------------------------------|
| 2/29/2024 | Post Construction | J15D001 | ALBUQUERQUE High School - CEC PORTABLE RELOCATION | 800 Odelia NE 87102 |
| 2/29/2024 | Post Construction | J16D007 | JEFFERSON MIDDLE SCHOOL PHASE 1 MUSIC CLASSROOM ADDITION | 712 Girard NE 87106 |
| 2/29/2024 | Post Construction | J16D009 | MONTEZUMA ELEMENTARY SCHOOL - 3100 INDIAN SCHOOL | 3100 INDIAN SCHOOL NE 87106 |
| 2/29/2024 | Post Construction | J17D012 | STARBUCKS - 4407 LOMAS BLVD SE | STARBUCKS - 4407 LOMAS BLVD |
| 3/6/2024 | Post Construction | J19D067 | INEZ ELEMENTARY SCHOOL | 1700 Pennsylvania NE |
| 3/6/2024 | Post Construction | J19D085 | ALICE KING CHARTER SCHOOL | 8100 Mountain NE 87110 |
| 3/6/2024 | Post Construction | J21D029 | JACKSON MIDDLE SCHOOL - 10600 INDIAN SCHOOL NE | 10600 INDIAN SCHOOL NE |
| 3/6/2024 | Post Construction | J21D037 | JEANNE BELLAMAH COMMUNITY CENTER - 11516 SUMMER AVE | 11516 SUMMER AVE |
| 3/6/2024 | Post Construction | J22D012A | MONTEREY BAPTIST CHURCH - 12501 LOMAS NE | 12501 LOMAS NE |
| 3/6/2024 | Post Construction | J22D012D | PETER PIPER PIZZA | 1000 Juan Tabo NE 87112 |
| 3/7/2024 | Post Construction | na | Journey Pediatrics - 8308 Constitution NE | 8308 Constitution NE |
| 3/7/2024 | Post Construction | J19D026 | JERRY CLINE PARK TENNIS CENTER | 7205 CONSTITUTION NE 87110 |
| 3/7/2024 | Post Construction | J19D038 | DAVE AND BUSTERS | 2100 Louisiana NE 87110 suit |
| 3/7/2024 | Post Construction | J19D058B | WINROCK SITE - RED ROBIN - 2100 LOUISIANNA | 2100 LOUISIANNA NE Bldg 217, |
| 3/7/2024 | Post Construction | J19D071B | LA MADELEINES | 2110 Louisiana NE 87110 |
| 3/7/2024 | Post Construction | J20D027 | TLC PET AND UPTOWN CAT HOSPITAL | 1300 Wyoming NE 87112 |
| 3/13/2024 | Post Construction | J19D004C | KASEMAN CENTER STAGE 4 | 8300 Constitution NE 87110 |
| 3/13/2024 | Post Construction | J22D067 | BELLA VISTA ASSISTED LIVING | 13101 CONSTITUTION NE 87112 |
| 3/13/2024 | Post Construction | K09D014B | GODFATHERS PIZZA | 311 98TH ST SW 87121 |
| 3/13/2024 | Post Construction | K09D016 | CORNING ROAD TRUCK WASH | 9920 Avalon NW 87121 |
| 3/13/2024 | Post Construction | K09D031B | CHURCHES CHICKEN | 140 98TH NW 87121 |
| 3/13/2024 | Post Construction | K09D038 | APPLEBEES - VOLCANO AND 98TH ST | 251 98TH NW 87121 |
| 3/20/2024 | Post Construction | K09D026A | FED EX GROUND - DAYTONA | 8000 Daytona NW 87121 |
| 3/20/2024 | Post Construction | K10D014 | ALBUQUERQUE RENAL CONSTRUCTION | 300 UNSER NW 87121 |
| 3/20/2024 | Post Construction | K09D037 | L & C Transport Private Metal GARAGE | 8705 CENTRAL NW 87121 |
| 3/20/2024 | Post Construction | K09D040 | VILLAGE OF AVALON APARTMENTS | 601 90th NW 87121 |
| 3/20/2024 | Post Construction | K10D001B | FREDDY'S | 131 COORS NW 87121 |
| 3/21/2024 | Post Construction | K10D018B | Mini Warehouses-141 Airport NW | 141 Airport NW 87121 |

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|-----------------|-------------------|----------|---|-----------------------------------|
| 3/21/2024 | Post Construction | K10D025C | COORS & CENTRAL RETAIL 6660 CENTRAL AVE SW | 6660 CENTRAL AVE SW |
| 3/21/2024 | Post Construction | K10D055 | WEST ROUTE 66 ADDITION-library-8081 CENTRAL NW | 8081 CENTRAL NW |
| 3/21/2024 | Post Construction | K10D056 | DCI SOUTHWEST MESA - 8217 CENTRAL NW | 8217 CENTRAL NW |
| 3/21/2024 | Post Construction | K11D077 | COSME RETAIL | 6205 Central NW |
| 3/21/2024 | Post Construction | K11D081 | CHURCH'S CHICKEN STORE 695 - 5407 CENTRAL | 5407 CENTRAL NW |
| 3/27/2024 23:00 | Post Construction | K10D008A | OLD DOMINION FREIGHT LINE | 330 Airport NW 87121 |
| 3/27/2024 23:00 | Post Construction | K11D082 | LOT 26-A LAVALAND | 6501 Central NW 87121 |
| 3/27/2024 23:00 | Post Construction | K12D015A | WEST CENTRAL/ATRISCO-4100 CENTRAL SW 87105 | 4100 CENTRAL SW 87105 |
| 3/27/2024 23:00 | Post Construction | K12D032 | BOBS BURGER - 4506 CENTRAL SW | 4506 CENTRAL SW 87105 |
| 3/27/2024 23:00 | Post Construction | K13D072 | SILVER MOON LODGE PH. 2 - 918 CENTRAL | 918 CENTRAL |
| 3/27/2024 23:00 | Post Construction | K14D005 | JACKSON-WINK MMA ACADEMY | 301 MARTIN LUTHER KING NE |
| 3/27/2024 23:00 | Post Construction | K14D108 | INNOVATE ABQ - 101 BROADWAY | 101 BROADWAY |
| 3/27/2024 23:00 | Post Construction | K14D109 | ONE CENTRAL-GARAGE SECOND FLOOR | 1 1st NW |
| 4/3/2024 16:01 | Post Construction | 298 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | Graphics Enterprise Services -912 |
| 4/3/2024 16:15 | Post Construction | 299 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | KANW RADIO STATION - 2020 COA |
| 4/3/2024 16:21 | Post Construction | 300 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | ALLIED PLUMBING - 809 LOCUST S |
| 4/3/2024 16:25 | Post Construction | 302 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | GARFIELD APARTMENTS - 501 GIR |
| 4/3/2024 16:30 | Post Construction | 303 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | MANZANO DEL SOL GOOD SAMAR |
| 4/4/2024 16:34 | Post Construction | 305 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | ONEILL'S - 4310 CENTRAL SE 8710 |
| 4/4/2024 16:38 | Post Construction | 306 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | 5001 Central NE 87108 |
| 4/4/2024 16:40 | Post Construction | 307 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | 4100 SILVER AVE SE 87108 |
| 4/4/2024 16:43 | Post Construction | 308 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | WENDYS - 4900 CENTRAL SE 8710 |
| 4/4/2024 16:45 | Post Construction | 309 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | Vexus - 301 INDIANA SE 87108 |
| 4/11/2024 16:32 | Post Construction | 304 | PASS – VISUAL INSPECTION FOUND NO APPARENT PROBLE | 4700 COAL SE 87108 |
| 4/11/2024 23:00 | Post Construction | 310 | DAYCARE CENTER | 515 Old Coors SW |
| 4/11/2024 23:00 | Post Construction | K13D031 | DOLORES GONZALES ELEMENTARY SCHOOL | 9100 Atlantic SW 87102 |

| Total Inspection Count | |
|------------------------|-----|
| September | 10 |
| October | 20 |
| November | 20 |
| December | 25 |
| January | 19 |
| February | 51 |
| March | 37 |
| April | 13 |
| | 195 |

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Attachment 6
New COA Green Stormwater
Infrastructure/Complete
Streets Ordinance

CITY of ALBUQUERQUE

TWENTY SIXTH COUNCIL

COUNCIL BILL NO. F/S R-24-34 ENACTMENT NO. R-2024-030

SPONSORED BY: Renée Grout and Tammy Fiebelkorn

1 RESOLUTION

2 REPEALING ARTICLE 9 OF CHAPTER 3 OF THE CODE OF RESOLUTIONS
3 AND REPLACING IT WITH THE SUSTAINABILITY RESOLUTION.

4 WHEREAS, the City of Albuquerque adopted a community-driven Climate
5 Action Plan in 2021 to mitigate the effects of climate change for all residents,
6 especially those in historically underserved, frontline communities; and

7 WHEREAS, to keep current with all the goals and practices outlined in the
8 City's Climate Action Plan, all relevant City Departments shall continually
9 revisit and refine their mission statements, policies, goals, and practices to
10 reflect the Climate Action Plan; and

11 WHEREAS, the years from 2010-2020 were recorded as the hottest decade
12 on record and 2023 was the hottest year on record; and

13 WHEREAS, the City of Albuquerque is an identified Urban Heat Island, as
14 defined by the Environmental Protection Agency, making it an urbanized area
15 that experiences higher temperatures than outlying areas; and

16 WHEREAS, local frontline communities are impacted first and worst by
17 climate crises, attributable to extreme heat and heat-related illnesses, to
18 disproportionate exposure to air and water pollution, and to unequal access to
19 the benefits of environmental quality improvements; and

20 WHEREAS, the City of Albuquerque's sustainable practices assure
21 equitable access to environmental protections; and

22 WHEREAS, addressing the climate challenges of the 21st century requires
23 integrating sustainability in business practices, job creation strategies, and
24 economic development; and

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1 **WHEREAS, mimicking nature by using native landscaping, protecting**
2 **native habitats, increasing irrigation efficiency and other conservation**
3 **measures help to achieve sustainability goals, and protects air, water, and**
4 **natural environments, such as the Bosque and other native habitats; and**

5 **WHEREAS, neighborhoods improve with parks and green spaces in a**
6 **number of ways, including improved air quality, improved aesthetics,**
7 **mitigation of heat islands, increased property values, slower traffic, and**
8 **increased economic activity; and**

9 **WHEREAS, buildings and the built environment account for forty percent**
10 **(40%) of the greenhouse gas emissions nation-wide, and fifty-five percent**
11 **(55%) of the Albuquerque’s greenhouse gas emissions come from stationary**
12 **sources, primarily commercial and residential buildings; and**

13 **WHEREAS, transportation makes up one of the most significant sectors for**
14 **greenhouse gas emissions nationwide, and accounts for forty-one percent**
15 **(41%) of Albuquerque’s emissions; and**

16 **WHEREAS, the City supports programs that reduce its carbon footprint,**
17 **improves air quality, and assures equitable access to clean transportation and**
18 **transit, especially for frontline communities; and**

19 **WHEREAS, greenhouse gas emissions can be mitigated by increasing the**
20 **tree canopy and green spaces, effectively creating a carbon sink to reduce**
21 **heat; and**

22 **WHEREAS, recycling, composting and other similar consumer behaviors**
23 **are a low barrier to entry for residents wishing to reduce their carbon**
24 **footprint, and help mitigate the nearly four percent (4%) of greenhouse gas**
25 **emissions from product disposal, in addition to reducing emissions from**
26 **other stages in the product lifecycle; and**

27 **WHEREAS, sustainable purchasing through environmentally safe products,**
28 **local purchasing that reduces transportation and economic losses, and locally**
29 **sourced and produced compost have long-lasting impacts on pollution**
30 **reduction; and**

31 **WHEREAS, technological advances support sustainable practices, but**
32 **continued R&D and cost-benefit analyses are needed for City Departments**
33 **and the public to fully implement these technologies.**

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1 BE IT RESOLVED BY THE COUNCIL, THE GOVERNING BODY OF THE CITY OF
2 ALBUQUERQUE:

3 SECTION 1. REPEAL

4 Chapter 3, Article 9 in the Code of Resolutions known as “ENVIRONMENT” is
5 hereby repealed in its entirety.

6 SECTION 2. NEW MATERIAL

7 1. Create a new Chapter 3, Article 9 as follows:

8 3-9-1 SUSTAINABLE ECONOMIC DEVELOPMENT

9 1. As required by COA § 2-14-1-8(C), the City shall consider community
10 and environmental impacts in all business recruitment and incentive
11 packages.

12 2. All applicants for economic incentives are required to provide an
13 analysis of how they are meeting COA § 2-14-1-8(B) in their applications.

14 3. All incentive packages shall consider community and environmental
15 impacts of the proposed project, such as energy efficiency, water
16 conservation, and environmental social governance (ESG) practices.
17 Incentive packages include Local Economic Development Act funding,
18 Industrial Revenue Bonds, and any other discretionary incentive offers.

19 (A) Per the 2021 City of Albuquerque Climate Action Plan, the City shall
20 give preference to companies in the energy efficiency, renewable and
21 alternative energy product manufacturing industry.

22 (B) The City shall encourage job training and opportunities in sustainable
23 careers, such as renewable energy, energy efficiency, electrification of
24 buildings and modernization of the energy grid, including but not limited to the
25 installation and maintenance of EV charging stations, transportation
26 efficiency, materials management, upstream waste reduction, and local food
27 and agriculture jobs.

28 3-9-2 ENERGY

29 (A) Energy Efficiency

30 1. Upgrades to Municipal Facilities. The City shall maximize energy
31 efficiency by implementing efficient HVAC controls, optimizing lighting
32 systems, and adopting other energy-saving measures. The Energy and
33 Sustainability Management Division (ESMD) at the City’s General Services

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1 Department (GSD) in collaboration with the Albuquerque Energy Council
2 (AEC) shall continue its practice of utilizing a dedicated portion of the Capital
3 Improvement Program, amounting to 3%, for the Energy Conservation
4 Program. This initiative aims to bolster the energy efficiency of City buildings
5 through a range of measures.

6 2. City Projects shall encompass a comprehensive approach to energy
7 conservation, including but not limited to implementation of advanced
8 building controls, integration of battery storage systems, energy efficiency
9 upgrades targeting both new and existing municipal buildings, and various
10 additional enhancements geared towards maximizing energy efficiency.

11 3. Equitable Access to Energy Efficiency Programs. The City is
12 dedicated to assisting all residents, particularly those most vulnerable, in
13 accessing energy-saving opportunities and participating in carbon-reducing
14 initiatives. The City shall provide energy efficiency programs to support
15 community resiliency of Justice40 census tracts and promote sustainability
16 and resiliency in historically disadvantaged neighborhoods.

17 a. The City, in partnership with local utilities, shall provide low-
18 income residents with energy efficiency improvements through the
19 Community Energy Efficiency Project, the Community Energy Efficiency
20 Development Block Grant Program, and other funding sources. Energy
21 efficiency improvements may include, but are not limited to free energy
22 audits, free (or reduced cost) energy efficiency upgrades, and other
23 improvements.

24 b. The City shall create public awareness campaigns to educate
25 residents and make information and potential savings from energy rebates as
26 easy and accessible as possible. Methods may include a single universal
27 rebate form, forms translated into several languages, and other methods to
28 assist residents, especially those in historically disadvantaged
29 neighborhoods.

30 4. Weatherization. The City shall consider adopting design guidelines
31 or other building requirements, including but not limited to higher energy
32 efficiency standards for low-income multi-family housing projects, qualifying

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1 single-family homes in the Community Energy Efficiency Program, or others
2 that are utilizing City funds.

3 (B) Renewable Energy Use

4 1. Upgrades to Municipal Facilities. The Energy and Sustainability
5 Management Division (ESMD) at the General Services Department (GSD), is
6 dedicated to utilizing a portion of the Capital Improvement Program,
7 equivalent to 3%, through the Energy Conservation Program. This initiative
8 aims to convert city buildings and operations to renewable energy sources,
9 thereby reducing the carbon footprint of City operations. ESMD shall work
10 with other City Departments to convert City buildings and operations to
11 renewable energy sources wherever practical, with the goal of achieving 100%
12 renewable energy use for government operations as identified in the City's
13 Climate Action Plan.

14 2. Increasing Funds for Renewable Conversion. The City shall explore
15 additional avenues for funding to bolster investments in greenhouse gas
16 emission reduction initiatives. As part of this endeavor, new City projects will
17 prioritize renewable energy conversion, and other energy savings, across
18 municipal operations.

19 (C) Support for Alternative Energy Savings Strategies

20 1. The City shall support alternative energy production and savings
21 solutions including community solar programs, micro-grid establishment,
22 and grid modernization, especially in low-income areas.

23 2. Community Solar. The City will support the State of New Mexico
24 Community Solar Program as defined by State's Community Solar Rule,
25 17.9.573 NMAC. Within one year of the enactment of this legislation, the
26 General Services Department shall report back with recommendations for
27 how the City can best support the State's Community Solar Program.

28 3. BRAIN Energy Management. The City shall track energy use and
29 efficiency with the Balanced Resource Acquisition and Information Network
30 (BRAIN). Deployment of the BRAIN energy management solution will enable
31 effective monitoring of energy consumption and facilitate optimized energy
32 management practices.

33 3-9-3: TRANSPORTATION

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1 (A) Transition to Low- or Zero-Emission Vehicles

2 1. City Fleet. On a case-by-case basis, the City shall explore the
3 feasibility of transitioning City vehicles including fleet vehicles, transit buses,
4 and airport support vehicles to low- or zero-emission to include a cost benefit
5 analysis. The City shall follow the recommendations in its Fleet Transition Plan
6 (currently in development), to implement the transition to low- and zero-
7 emission vehicles.

8 2. Private Vehicles. The City shall provide public awareness campaigns
9 and educational materials to residents and organizations to encourage the
10 purchase and adoption of low- or zero-emission vehicles.

11 (B) Reduce Vehicle Miles Traveled

12 1. The City shall continue to enhance transit services to increase
13 ridership and accessibility to desired destinations, including Zero Fares
14 policies for transit riders, transit network improvements, and improved multi-
15 modal first mile/last mile connections to the transit network.

16 2. The City shall continue to implement Vision Zero and Complete
17 Streets principles in roadway design to encourage safe and efficient
18 alternative modes of transportation.

19 3. The City shall encourage carpooling, rideshare, carshare, bikeshare,
20 and other shared mobility services.

21 4. The City should encourage active transportation, such as walking,
22 cycling, and other forms of micro-mobility.

23 (C) Smart City Design. The City shall:

24 1. Incentivize mixed-use and neighborhood-scale development, to
25 reduce the distance in which residents need to travel for goods and services
26 and support walkable, people-friendly neighborhood design.

27 2. Incentivize transit-orientated development.

28 3. Allow for more beneficial land uses and encourage the use of
29 alternative transportation modes.

30 4. Utilize intelligent transportation system methods to optimize traffic
31 flow patterns that reduce idling vehicles.

32 5. Develop new EV Charging networks accessible city-wide.

33 3-9-4: BUILT ENVIRONMENT

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1 (A) Building Emissions. The City shall consider renewable energy
2 sources to offset energy consumed by City-owned buildings and minimize
3 natural gas emissions.

4 (B) Energy and Sustainability Design Guide. The Municipal Development
5 and General Services Departments shall work together to identify
6 opportunities to incorporate elements of the Energy and Sustainability Design
7 Guide into Requests for Proposals for design and construction processes for
8 new construction and remodel projects on City owned buildings.

9 (C) Heat Mitigation. Where practicable, the City shall identify and
10 implement alternative pavement and roofing options, such as cool pavement,
11 cool roofs, permeable paving, etc.

12 (D) Electrification of City Buildings. The City shall prioritize the
13 electrification of new City facilities and major renovations to existing City
14 facilities.

15 1. The Municipal Development Department shall ensure that
16 Requests for Proposals and bids shall explain the application of the Energy
17 and Sustainability Design Guide for new City facilities and major remodels.

18 **3-9-5: SUSTAINABLE MATERIALS MANAGEMENT**

19 This section addresses the waste stream, and an economic- and systems-
20 based approach to protecting finite resources.

21 1. Recycling. The Office of Sustainability in conjunction with the
22 Solid Waste Department, and Office of Equity and Inclusion shall develop
23 standards, procedures, and educational material for short-term and long-term
24 waste diversion from the landfill through increased recycling.

25 2. Food Waste Prevention and Composting. The Office of
26 Sustainability in conjunction with the Solid Waste Department, and Office of
27 Equity and Inclusion shall develop programs to increase access to food waste
28 prevention/reduction/composting.

29 3. Local Circular Economy. The City shall encourage and recruit
30 businesses with upstream product principles, such as employing
31 conservation principles in product development, production, and
32 transportation, before it reaches the consumer. The City shall develop

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1 educational materials about the circular economy and other sustainable
2 practices for local businesses and City residents.

3 4. Local Agriculture. Per the City’s Buy Local Initiative, the City shall
4 develop preferential procurement measures to support local agriculture. In
5 addition, where practicable, the City’s Parks and Recreation, Open Space and
6 other divisions shall consider regenerative agriculture practices.

7 **3-9-6: NATURE-BASED SUSTAINABLE PRACTICES**

8 (A) The Urban Tree Canopy. In alignment with § 4-4-4, of the Code of
9 Resolutions and the City’s 100,000 tree planting goal, the Parks and
10 Recreation Department (PRD) shall work with Let’s Plant ABQ Coalition to
11 meet this goal by 2030.

12 1. Tree Planting. § 6-6-1-1, PRD will work with community organizations
13 to market benefits of trees to citizens for the promotion of tree plantings on
14 private properties to improve the City’s ambient air quality and mitigate urban
15 heat islands.

16 2. Climate-friendly Trees. Referencing § 6-6-1-1, trees will be climate-
17 ready, have regional adaptability, be non-invasive, have street or landscape
18 appeal, include family and species diversity, and other features stipulated by
19 community organizations

20 3. Relaunch Project Tree Start. In accordance with § 4-4-4, of the Code
21 of Resolutions, PRD will relaunch this project to help meet the City’s 100,000
22 tree planting goal by 2030.

23 (B) Natural Design Energy Management. The City Parks and Recreation
24 Department and the Planning Department shall within one year of the effective
25 date of this resolution, develop landscape design guidelines, and a program to
26 disseminate these guidelines, that promote the use of nature-based energy
27 efficiency measures, such as plants, trees, and other material to enhance
28 energy conservation and quality of life.

29 (C) Conversion of Non-functional Turf Grass. To conserve water, the Parks
30 and Recreation Department shall develop a plan to replace turf that is solely
31 ornamental and not regularly used for human recreational purposes or for
32 civic or community events with more sustainable turf alternatives, native
33 landscaping, and pollinating plants.

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1 (D) Equitable Access to Trees, Parks, and Open Space.

2 1. The City shall assure a goal of a park, trail, open space, or green
3 space within a 10-minute walk of each residence.

4 2. The Office of Equity and Inclusion and the Office of Sustainability
5 will identify front line communities and those in historically disadvantaged
6 areas as sites for tree planting.

7 3. The City will work to educate businesses and residents on rebates
8 that are available through the Albuquerque Bernalillo County Water Utility
9 Authority, and other agencies, to offset water usage to plant and establish new
10 trees.

11 (E) Green Storm Water Infrastructure. Where practicable, the City shall use
12 green storm water infrastructure to facilitate water filtration, improve water
13 retention and soil health, and help to recharge the water table.

14 1. Implementation shall include swales and basins, when possible, to
15 help with water retention, limiting storm water runoff, minimizing localized
16 flooding, and encouraging water conservation.

17 2. Use of permeable surfaces. The City may consider permeable
18 surfaces to include planting beds, mulch with local soil or neighborhood
19 compost, gravel, or permeable pavers.

20 (F) Cool Pavement. Where practicable, the City shall consider the
21 application of cool pavement for impermeable surfaces to temper solar
22 reflectivity and reduce heat islands.

23 **3-9-7 SUSTAINABLE PROCUREMENT PRACTICES**

24 (A) Purchase of Environmentally Safe Products. Where practicable, the
25 City shall follow procurement practices that consider reduced exposure of
26 City residents and visitors to potentially toxic chemicals, reduce greenhouse
27 gas emissions and other air pollutants, protect ground and surface waters,
28 maximize water and energy efficiency, favor renewable energy sources,
29 maximize post-consumer recycled content and readily recyclable or
30 compostable materials, favor long-term use through product durability,
31 repairability, and reuse, and consider life cycle economics of a product
32 including its manufacture, transportation, use and disposal.

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1 (B) Buy Local. Where practicable, the City shall follow the Buy Local
2 Initiative and AI NO: 3-3 Small Purchases and Use of Local Vendors. Within
3 one year of the enactment date of this Resolution the Sustainability Office, in
4 collaboration with Purchasing, propose amendments to the Buy Local
5 Procurement policy that improve the City's ability to prefer locally grown/made
6 products over imported product, when available.

7 (C) Compost. The City shall, where practicable, use locally sourced
8 compost.

9 SECTION 3. SEVERABILITY CLAUSE. If any section, paragraph, word or
10 phrase of this resolution is for any reason held to be invalid, or unenforceable
11 by any court of competent jurisdiction, such decision shall not affect the
12 validity of the remaining provisions of this resolution. The Council hereby
13 declares that it would have passed this resolution and each section,
14 paragraph, sentence, clause, word, or phrase thereof irrespective of any
15 provision being declared unconstitutional or otherwise invalid.

16 SECTION 4. COMPILATION. Section 2 of this resolution shall amend, be
17 incorporated in, and made part of the City of Albuquerque, New Mexico Code
18 of Resolutions.

19 SECTION 5. EFFECTIVE DATE. This resolution shall take effect five (5) days
20 after publication by title and general summary.

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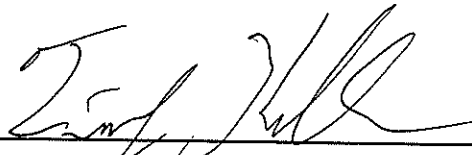
1 PASSED AND ADOPTED THIS 20th DAY OF May, 2024
2 BY A VOTE OF: 9 FOR 0 AGAINST.

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7 

8 _____
9 Dan Lewis, President
10 City Council

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12
13 APPROVED THIS 31 DAY OF May, 2024

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17 Bill No. F/S R-24-34

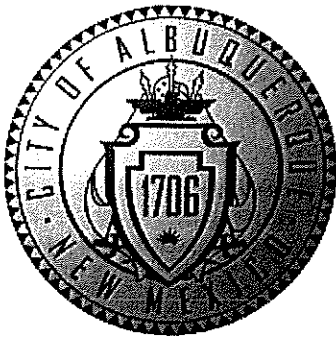
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20 _____
21 Timothy M. Keller, Mayor
22 City of Albuquerque

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24
25 ATTEST:

26 
27 _____
28 Ethan Watson, City Clerk

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CITY OF ALBUQUERQUE
Albuquerque, New Mexico
Office of the Mayor

Mayor Timothy M. Keller

INTER-OFFICE MEMORANDUM

March 22, 2024

TO: Dan Lewis, President, City Council

FROM: Timothy M. Keller, Mayor 

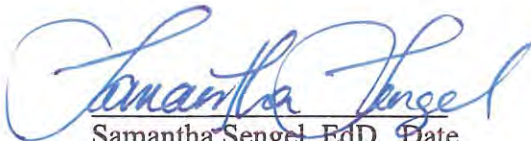
SUBJECT: Introduction of updated Sustainability Resolution

This Resolution repeals Article 9 of Chapter 3 of the Code of Resolutions and replaces it with a newly updated version. The Resolution corresponds to the 2021 Climate Action Plan, and updates other sustainability goals in the City of Albuquerque.

TITLE/SUBJECT OF LITIGATION*** *Same as subject line on last page*)

Approved:

Approved as to Legal Form:



Samantha Sengel, EdD
Chief Administrative Officer

DocuSigned by:
Lauren Keefe 3/25/2024 | 4:14 PM MDT
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City Attorney

Date

Recommended:

DocuSigned by:
Nathan Martindale 3/25/2024 | 12:59 PM MDT
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Director

Date

Cover Analysis

- 1. What is it? Updated Sustainability Resolution**
- 2. What will this piece of legislation do? Update the goals and practices of the City of Albuquerque related to environmental sustainability.**
- 3. Why is this project needed? The City of Albuquerque has surpassed most of the goals in the current resolution, and new sustainability measures, such as electric vehicle (EV) use, green stormwater infrastructure, and other practices did not exist when this resolution was first written.**
- 4. How much will it cost and what is the funding source? There is no cost associated with this.**
- 5. Is there a revenue source associated with this contract? If so, what level of income is projected? There is no revenue associated with updating this resolution.**
- 6. What will happen if the project is not approved? The City will not be current with its energy savings goals, its work with low income communities, and other sustainability practices.**
- 7. Is this service already provided by another entity? No**

FISCAL IMPACT ANALYSIS

TITLE: REPEALING CHAPTER 9 OF ARTICAL 3 OF THE CODE OF RESOLUTIONS AND REPLACING IT WITH THE SUSTAINABILITY RESOLUTION R: O:
 FUND:110
 DEPT:2250000

- No measurable fiscal impact is anticipated, i.e., no impact on fund balance over and above existing appropriations.
- (If Applicable) The estimated fiscal impact (defined as impact over and above existing appropriations) of this legislation is as follows:

| | 2024 | Fiscal Years 2025 | 2026 | Total |
|--|-------------|----------------------|-------------|-------------|
| Base Salary/Wages | - | - | - | - |
| Fringe Benefits at Subtotal Personnel | - | - | - | - |
| Operating Expenses | - | - | - | - |
| Property | - | - | - | - |
| Indirect Costs | - | - | - | - |
| Total Expenses | \$ - | \$ - | \$ - | \$ - |
| <input type="checkbox"/> Estimated revenues not affected | | | | |
| <input checked="" type="checkbox"/> Estimated revenue impact | | | | |
| Revenue from program | - | - | - | 0 |
| Amount of Grant | - | - | - | - |
| City Cash Match | - | - | - | - |
| City Inkind Match | - | - | - | - |
| City IDOH | - | - | - | - |
| Total Revenue | \$ - | \$ - | \$ - | \$ - |

These estimates do not include any adjustment for inflation.
 * Range if not easily quantifiable.

Number of Positions created 0

COMMENTS: There is no fiscal impact with update to this resolution.

COMMENTS ON NON-MONETARY IMPACTS TO COMMUNITY/CITY GOVERNMENT:

This piece of legislation will update the goals and practices of the City of Albuquerque related to environmental sustainability.

PREPARED BY:

DocuSigned by:
Elizabeth Jones 3/25/2024 | 8:04 AM MDT
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 FISCAL ANALYST

APPROVED:

DocuSigned by:
Nathan Martinez 3/25/2024 | 12:59 PM MDT
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 DIRECTOR (date)

REVIEWED BY:

DocuSigned by:
Alan R. Gutowski 3/25/2024 | 2:24
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 EXECUTIVE BUDGET ANALYST

DocuSigned by:
Pharrence Davis 3/25/2024 | 2:47
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 BUDGET OFFICER (date)

DocuSigned by:
Christine Boerner 3/25/2024 | 2:48 PM MDT
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 CITY ECONOMIST