

CITY OF ALBUQUERQUE
Monitoring Data for Water Year 2015
October 1, 2014 to September 30, 2015
DUE April 1, 2016 (per former permit NMS000101)
NPDES PERMIT NMS000101, Expiration Date March 22, 2015
NPDES PERMIT NMR04A000, Effective Date December 22, 2015
eNOI Acceptance Date December 17, 2015

Explanation of Reporting Cycle

The City of Albuquerque (COA) and its three storm water partners were issued their first NPDES Municipal Separate Storm Sewer System (MS4) Phase 1 permit on December 1, 2003. The other Phase 1 partners were the Albuquerque Metropolitan Arroyo and Flood Control Authority (AMAFCA), the University of New Mexico (UNM) and the New Mexico Department of Transportation (NMDOT). That permit expired in November of 2008 and was extended administratively by the EPA until EPA issued a renewal permit on January 31, 2012 which became effective March 1, 2012 and expired on March 22, 2015, 90 days after the effective date of the Watershed Based Permit (WBP), December 22, 2014. The COA filed an electronic Notice of Intent (eNOI) for application to the general WBP, NMR04A000 on June 20, 2015 and received authorization of permit coverage on December 17, 2015.

A discrepancy exists between reporting cycles for the former Phase 1 and new WBP: namely, calendar year under the former Phase 1 permit and fiscal year under the general WBP. Under permit NMS000101, the COA submitted an Annual Report on April 1, 2015 for data compiled during the calendar year 2014 (January 1, 2014 through December 31, 2014) and “water year” (WY) 2014 (Dry Season October 1, 2013 through May 31, 2014 and Wet Season June 1, 2014 through September 30, 2014). The WBP specifies a reporting period based on the fiscal year beginning July 1 and ending June 30. Therefore, the first Annual Report under the WBP will cover the period from July 1, 2015 through June 30, 2016 and will be submitted December 1, 2016.

An update that covered the 6 month period between the two reporting cycles from January 1, 2015 through June 30, 2015 was submitted by the COA to EPA Region 6 on December 1, 2015. As noted in Item IIIB of that update, titled Monitoring, Assessment, and Reporting, water sampling results from items required by the Phase 1 permit NMS000101 for WY 2015 (Dry Season October 1, 2014 through May 31, 2015 and Wet Season June 1, 2015 through September 30, 2015) were to be provided on April 1, 2016 due to ongoing data compilation and quality assurance and quality control efforts.

Water Data Included in this Submission

Attachment 1: Bacterial Loading for Water Year (WY) 2015 (prepared by COA with flow data submitted by the U.S. Geological Survey)

Attachment 2: Chemical Loading for WY 2015 and Event Mean Concentrations (prepared by COA)

Attachment 3: Water Monitoring Status and Water Monitoring Results (prepared by Bohanan Huston, Inc (BHI) for AMAFCA). Note: Files are presented in pdf format. Excel spreadsheets are available upon request

Attachment 4: Dry Weather Screening Results from 20 outfall locations along the Rio Grande and 17 key drainage areas discerned through 15 years of screening throughout the metropolitan area.

Attachment 5: Discharge Monitoring Reports (DMRs): DMRs are submitted electronically into the net-DMR system. Please contact Shellie Eaton via email at seaton@cabq.gov for read only permission to view the DMRs. Note that clarification from net DMR personnel regarding the biennial forms and reporting has not been received at the time this cover sheet was prepared (see attached email from Shellie Eaton dated March 25, 2016). Additional data may be entered at a future date.

Items in this report may be downloaded from the COA's stormwater webpage at: <http://www.cabq.gov/municipaldevelopment/our-department/engineering/storm-water-management/municipal-separate-storm-sewer-system-ms4-permit>. Please contact Kathy Verhage by email at kverhage@cabq.gov or by phone at (505) 768-3654 should you have any questions regarding this submission or require additional information.

Water Data Submitted by AMAFCA on December 1, 2015

AMAFCA included monitoring data for the former Phase 1 permittees with its Annual Report, submitted to EPA Region 6 on December 1, 2015. A listing of the Attachments from the AMAFCA report that include water data is provided below:

Attachment III – Compliance with Water Quality Standards Requirement – Dissolved Oxygen

- Status of Implementation and Performance Assessment Table III
- Plot of 2015 Dissolved Oxygen Sonde Data In Rio Grande at Central Bridge

Attachment IV – Compliance with Water Quality Standards – Investigation and Reduction of PCBs in the San Jose Drain and North Diversion Channel

- Status of Implementation and Performance Assessment Table IV
- Memorandum - PCB Sampling and Analysis - Data Review and Source Identification (June 29, 2015) – This Memorandum serves as the 2015 Progress Report

- AMAFCA PCB Sampling Analysis Plan (SAP) for the North Diversion Channel
- AMAFCA PCB Field Sampling Plan (FSP) for the North Diversion Channel
- AMAFCA PCB Quality Assurance Project Plan (QAPP) for the North Diversion Channel

Attachment V – Compliance with Water Quality Standards Requirement – Temperature

- Status of Implementation and Performance Assessment Table V
- Plot of 2015 Temperature Sonde Data In Rio Grande at Central Bridge
- Temperature Analysis and Annual Summary for:
 - North Diversion Outfall - ML 1: North Floodway Channel near Alameda
 - ML 2: South Diversion Channel above Tijeras Arroyo near Albuquerque
 - ML 3: San Jose Drain at Woodward Road at Albuquerque
 - ML 4: Tijeras Arroyo near Albuquerque
 - ML 5: Mariposa Diversion of San Antonio Arroyo at Albuquerque
- Continuous Monitoring Gap Memo for 2015

NOTE - Included in Digital Copy – Spreadsheets with temperature Tidbit data for ML 2 – 5.

Attachment VI – U.S. Fish and Wildlife Service Biological Opinion Requirements

- Status of Implementation and Performance Assessment Table VI
- Letter to Joel Lusk, USFWS, dated October 2015
- Incidental Take Statement for NDC Discharges to the Rio Grande from January to June 2015
- AMAFCA's Standard Operating Procedures for Sondes

Attachment VII – Floatables Monitoring

- Status of Implementation and Performance Assessment Table VII

Attachment VIII – Toxicity Monitoring to Protect Listed Threatened and Endangered (T&E) Species – Implementation of 4-Year Toxicity Testing

- Status of Implementation and Performance Assessment Table VIII

Attachment IX – Wet Weather Screening of MS4

- Status of Implementation and Performance Assessment Table IX
- 2015 Monthly Wet Weather Monitoring Memos
- Discharge Monitoring Reports (To be completed under a cooperative agreement with the City of Albuquerque and will be provided to AMAFCA by City of Albuquerque, expected to be received in April 2016)
- AMAFCA's Standard Operating Procedures for Stormwater Sampling

Attachment XI – Impaired Receiving Waters Wet Weather Assessment of Potential Water Quality Impacts

- Status of Implementation and Performance Assessment Table XI

If you have any questions regarding this data, please contact Patrick Chavez via email or phone at pchavez@amafca.org or (505) 884-2215.