

Amendment # 3 to the Trinity River Authority Clean Rivers Program FY 2014/2015 QAPP: Appendix H

Prepared by the Trinity River Authority in Cooperation with the Texas Commission on Environmental Quality (TCEQ)

Effective: Immediately upon approval by all parties

Questions concerning this QAPP should be directed to:

Angela Kilpatrick
Trinity River Authority
Clean Rivers Program Coordinator
5300 South Collins
Arlington, TX 76018
(817) 493-5179
kilpatricka@trinityra.org

Justification

This document details changes made Appendix H to the basin-wide Quality Assurance Project Plan in order to update a temporary station ID (TR331/21521) with the permanent station ID 21286 that will be used for the FY 2014 aquatic life monitoring and to correct the end date of sampling.

Detail of Changes

Section/Figure/Table	Page	Change	Justification
Section SS-B1 – Table B1.1 & Sample Design Rationale and Site Selection Criteria	21 & 22	Change TR331/21521 to 21286. Correct the end date of sampling for FY 2014 from 9/30/2014 to 10/15/2014.	Site is within range of an existing station. This date is the end of the Index Period.
Section SS-B1 – Figure SS-B1.1	23	Change TR331/21521 to 21286.	Site is within range of an existing station.

Details of the changes listed above are shown on the following page.

APPENDIX H CHANGES – REPLACES PAGE 22

See Data Dictionary in Section SS-B10 for definitions of codes in Table B1.1.

Sample Design Rationale and Site Selection Criteria

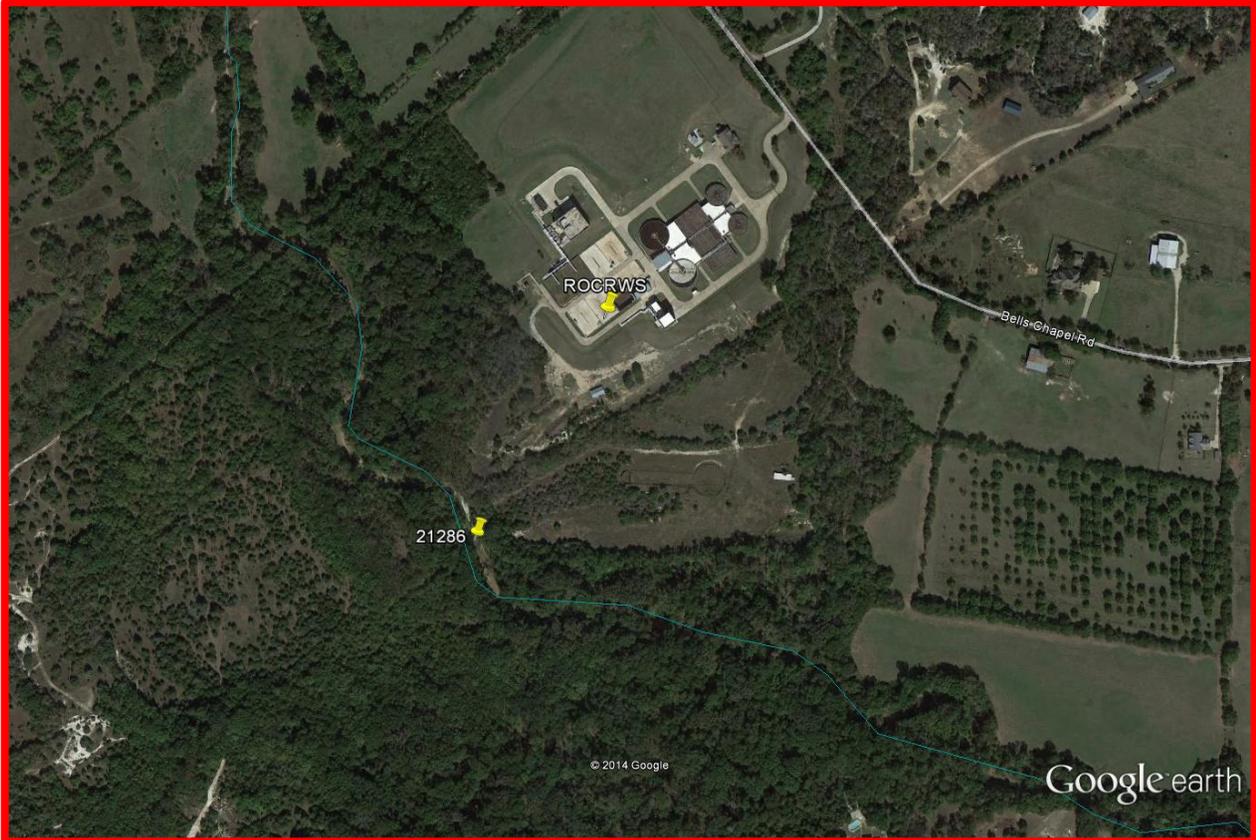
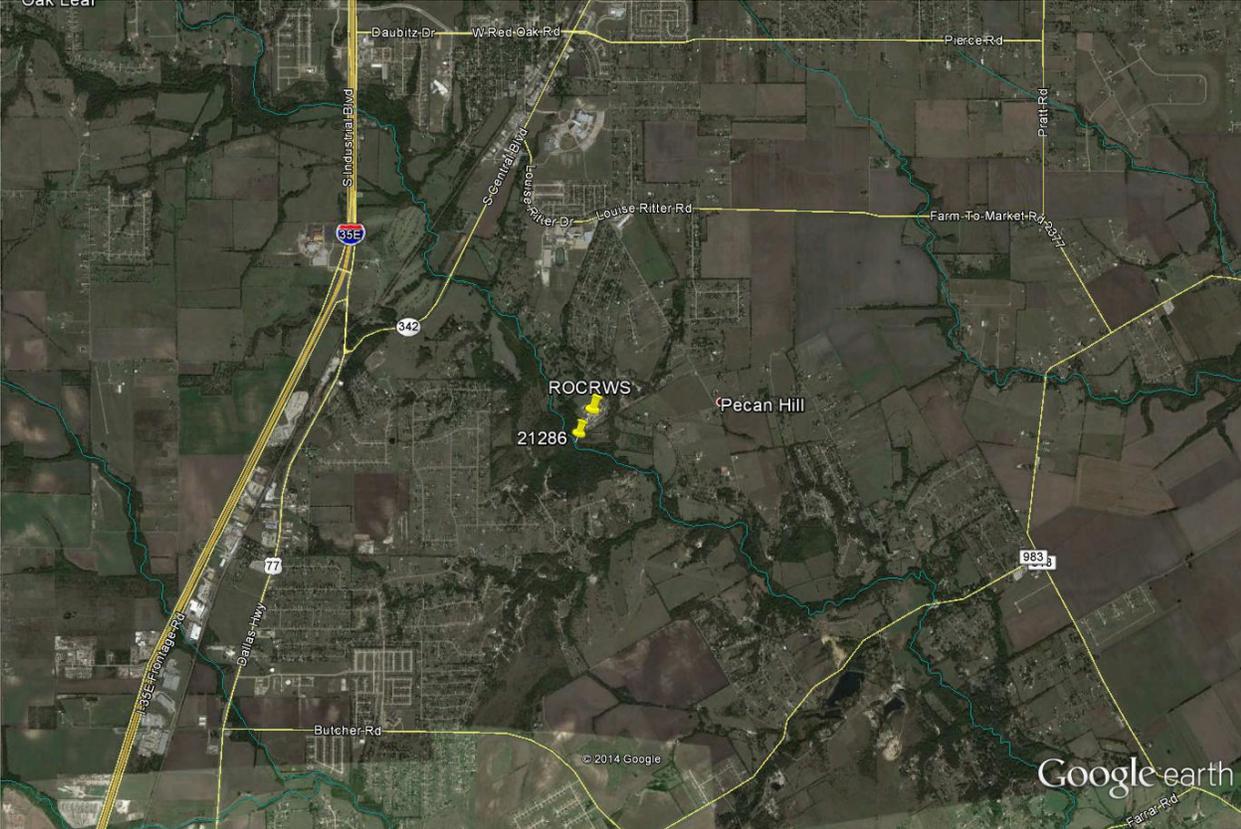
Station 21286 is located at Red Oak Creek 100 m downstream of the Red Oak Creek Regional Wastewater System outfall below the mixing zone. The site was selected because it is representative of Red Oak Creek, a tributary of the Trinity River, below the mixing zone of the TRA Red Oak Creek Regional Wastewater System; a 6 MGD plant. The selected reach in this stream contains a variety of microhabitats to sample, such as riffles, runs and pools. It is anticipated that ALM results at this site will support other TRA water quality projects. In addition, this drainage area is rural and the stream has been noted to be intermittent above the discharge during extended periods of dry weather. Therefore, during these periods, the effluent from the plant is the basis of the biological habitat downstream. This monitoring will provide background information for this stream and may help to determine if further biological monitoring needs to be conducted.

Station TR330/21520 is located at West Fork Trinity River 1.25 km upstream of East 1st Street off of the Fort Worth Branch Trinity Trails System in Gateway Park in Fort Worth. The site was selected because it is representative of the West Fork Trinity River downstream of the channelized portion in Fort Worth. In addition, this reach of the river has routinely been monitored for water quality by the City of Fort Worth, Tarrant Regional Water District and Trinity River Authority. Therefore, this location is of great interest to TRA and its partners. Biological monitoring in this reach is intended to increase background information about the site. Segment 0806 was found to be impaired for fish consumption by the TCEQ's 2012 Integrated Report. Although an analysis of fish tissue will not be conducted as part of this study, nekton sampling may show if fish communities are being adversely affected by Dioxins and PCBs which are the source of the fish consumption impairment. Flows in this reach are typically wadeable during Index and Critical periods as it is upstream of large dischargers. The selected reach in this stream contains a variety of microhabitats to sample, such as riffles, runs and pools.

Sampling Site Maps

Maps of stations monitored by the Trinity River Authority are provided on the following pages. The maps were generated by the Trinity River Authority. This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. For more information concerning this map, contact Angela Kilpatrick at 817-493-5179.

APPENDIX H CHANGES – REPLACES PAGE 23



Distribution

QAPP Amendments and Revisions to Appendices will be distributed to all personnel on the distribution list maintained by the Trinity River Authority.

These changes will be incorporated into the QAPP document and TCEQ and the Trinity River Authority will acknowledge and accept these changes by signing this amendment.

