



Public Health Laboratory - Inorganic Chemistry Unit
 4815 West Markham Street, Little Rock, AR 72205
FINAL REPORT OF SAMPLE ANALYSIS

Print Date: 11/25/2013

ENGR-SDWA Barcode No. 105200

Sample Collected on: 10/02/2013 @ 12:10 by: Martha West
 At 734YE001 Grand Prairie Bayou 2 P.F.B.
 Water Treatment Plant
 Public/Community Entry Point

PHL-SDWA Laboratory No. Y132760020

Sample Received on: 10/03/2013 @ 09:23 By: KMCINTOSH
 From: Engineering
 Turbidity Chlorine
 temp: Fluoride: pH:

Lab Number: Y132760020

Analytical Results

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| REG. STATUS | STATUS | ANALYTE | FINAL | UNITS | METHOD | Analysis Date & Time: Hld (days) TAT (days) | | | |
|---------------------------------|---------------|---|-------|-------|------------------|---|-------|----|----|
| Y13276002001 | A Comp Gallon | Field Presrv. 4C, N/A | | | | | | | |
| Secondary | | CHLORIDE | 24.4 | mg/L | 300.0 | 10/10/2013 | 17:52 | 8 | 19 |
| Primary | | FLUORIDE | <0.20 | mg/L | 300.0 | 10/10/2013 | 17:52 | 8 | 19 |
| Secondary | | SULFATE | 2.6 | mg/L | 300.0 | 10/10/2013 | 17:52 | 8 | 19 |
| Secondary | | TOTAL SOLIDS | 195 | mg/L | 2540B | 10/04/2013 | 13:00 | 2 | 7 |
| Other | | SEDIMENT | <0.5 | mL/L | 2540F | 10/04/2013 | 12:47 | 2 | 7 |
| Other | | ALKALINITY | 107 | mg/L | 2320B | 10/18/2013 | 14:45 | 16 | 21 |
| Other | | PHTH ALKALINITY | 0 | mg/L | 2320B | 10/18/2013 | 14:45 | 16 | 21 |
| Secondary | | REACTION pH | 7.9 | pH | 2320B | 10/18/2013 | 14:45 | 16 | 21 |
| Test Rejection / Disclaimer HTE | | The hold time for the above test expired before the analysis was performed. | | | | | | | |
| Secondary | | ODOR | Cc | qual | 12ED-SM | 10/03/2013 | 10:05 | 1 | 21 |
| Primary | | TURBIDITY | 0.20 | NTU | ADH190 | 10/03/2013 | 13:58 | 1 | 21 |
| Secondary | | COLOR | 0.0 | CU | ADH190 | 10/03/2013 | 14:20 | 1 | 21 |
| Y13276002002 | A Comp CN | Field Presrv. 4C, NaOH | | | | | | | |
| Primary | | CYANIDE SCREEN | <0.04 | mg/L | 4500CN-F | 10/14/2013 | 15:49 | 12 | 21 |
| Y13276002003 | A Comp Quart | Field Presrv. 25C, N/A | | | | | | | |
| Secondary | | SILVER | <5.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | ARSENIC | <2.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | BARIUM | 69.8 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | BERYLLIUM | <1.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | CADMIUM | <1.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | CHROMIUM | <1.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | COPPER | 6.3 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Other | | NICKEL | <2.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | LEAD | <1.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | ANTIMONY | <1.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | SELENIUM | <10.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | THALLIUM | <1.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Primary | | URANIUM | <1.0 | ug/L | 200.8 | 11/22/2013 | 16:28 | 51 | 53 |
| Other | | CARBONATE HARD | 96 | mg/L | 200.7 | 11/25/2013 | 18:15 | 54 | 53 |
| Other | | NONCARBON HARD | <1 | mg/L | 200.7 | 11/25/2013 | 18:15 | 54 | 53 |
| Other | | TOTAL HARDNESS | 96 | mg/L | 200.7 | 11/25/2013 | 18:15 | 54 | 53 |
| Secondary | | ALUMINUM | <0.05 | mg/L | 200.7 | 10/09/2013 | 19:25 | 7 | 40 |
| Other | | CALCIUM | 26.5 | mg/L | 200.7 | 10/09/2013 | 19:25 | 7 | 40 |
| Secondary | | IRON | <0.05 | mg/L | 200.7 | 10/09/2013 | 19:25 | 7 | 40 |
| Other | | POTASSIUM | 1.44 | mg/L | 200.7 | 10/09/2013 | 19:25 | 7 | 40 |
| Other | | MAGNESIUM | 7.13 | mg/L | 200.7 | 10/09/2013 | 19:25 | 7 | 40 |
| Secondary | | MANGANESE | 0.01 | mg/L | 200.7 | 10/09/2013 | 19:25 | 7 | 40 |
| Other | | SODIUM | 15.7 | mg/L | 200.7 | 10/09/2013 | 19:25 | 7 | 40 |
| Secondary | | ZINC | 0.07 | mg/L | 200.7 | 10/09/2013 | 19:25 | 7 | 40 |
| Primary | | MERCURY | <0.25 | ug/L | 200.8 | 10/25/2013 | 23:40 | 23 | 40 |
| Y13276002004 | NOX combined | Field Presrv. 4C, H2SO4 | | | | | | | |
| Primary | | NITRATE + NITRITE | <0.10 | mg/L | Easy (1-Reagent) | 10/17/2013 | 15:30 | 15 | 19 |

Released By: Timothy Troup

Released Date: 11/25/2013