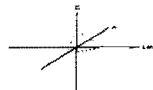


CA LabsDedicated to
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Phone 225-751-5632
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**Transmission Electron Microscopy Report
Drinking Water Asbestos Analysis
Laboratory Analysis Report
EPA 100.2 Modified Protocol**

Woodrow Osceola WSC Blanton Well Plant 1

1147 FM 934

Blum, TX 76627-3138

Reference number: CAL13088234NT

The samples, provided for analysis of asbestos in drinking water, were analyzed following Environmental Protection Agency method 100.1 and 100.2 for asbestos structures greater than ten microns in length.

The report lists the sample identification number, filter area, sample volume, area analyzed, structure counts, analytical sensitivity, and the asbestos concentration of structures greater than ten microns in length. The current EPA guideline for compliance is 7.0 million structures per liter (7.0 S/Lx10⁶) for asbestos structures greater than ten micron in length.

CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM) and by the Texas Commission on Environmental Quality (TCEQ) for analysis of asbestos in drinking water. CA Labs is accredited by the American Industrial Hygiene Association (AIHA LAP, LLC) PLM, TEM and PCM Asbestos fields of testing for industrial hygiene. This analysis is not covered by the scope of accreditation by NVLAP. This method is not covered by the scope of AIHA accreditation for industrial hygiene. The test results relate only to the items described and tested herein. Neither NVLAP, AIHA, nor TCEQ accreditation implies endorsement by any US Government agency.

These results are submitted pursuant to CA Labs' current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety days before discarding. A shipping and handling fee may be assessed for the return of any samples.

Analysis performed at Crisp Analytical Labs, L.L.C. 1929 Old Denton Road Carrollton, TX 75006. We can be reached after hours by cellular at (214) 564-8366.

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Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.2 Modified

Preparation Method: Samples are filtered on 0.1um polycarbonate filters, carbon coated, and dissolved with chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:Woodrow Osceola WSC
Blanton Well Plant I
1147 FM 934
Blum, TX 76627-3138**Phone:****Fax:****Client Project:**TCEQ Drinking Water Survey, Woodrow Osceola
WSC Blanton Well Plant I

Water System ID # TX1090025

Turnaround Time: 5 Days**Attn:** Greenhill, Richard, F**CA Labs Project #:**

CAL13088234NT

Date of Sampling: 8/20/13**Report Date:** 10/15/13**Purchase Order #:**

Sample#	Location – provided by client	Filter Area (mm ²)	Volume Filtered (ml)	Area Analyzed (mm ²)	Asbestos Structures Detected >10um: chrysotile	Asbestos Structures Detected >10um: amphibole	Analytical Sensitivity: (S/L x 10 ⁶)	Concentration of Structures >10um: (S/L x 10 ⁶)
1331027	8100 Hwy 171	1,064	50	0.1150	NSD	NSD	0.1850	<0.1850

Grid Opening Area: 0.0115 mm ²	Area Analyzed: 0.1150 mm ²	Analytical Sensitivity: 0.1850 MFL
Samples Received: 8/22/13 8:00AM	Sample Filter Time: 8/22/13 9:25PM	Fibers <10um present (Y/N): N

The upper and lower 95% confidence range is 4.40 to -3.45 MFL for this test method at Crisp Analytical Labs, LLC.

Connor Vincent
AnalystNVLAP # 200349-0
TCEQ # T104704513-13-1
TDH # 30-0235

Page 1 of 1

Leslie Crisp
General Manager

Approved Signatories:

Chad Lytle
Laboratory Director**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for bulk asbestos fiber analysis (PLM) and airborne fiber analysis (TEM). CA Labs is accredited by the American Industrial Hygiene Association (AIHA LAP, LLC.) in the TEM asbestos field of testing for Industrial Hygiene. This test report relates only to the items tested. Neither NVLAP, AIHA nor TCEQ accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full without written permission from CA Labs. This method is not covered by the scope of AIHA accreditation for industrial hygiene.

These results are submitted pursuant to CA Labs' current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee may be assessed for the return of any samples.

Analysis performed at Crisp Analytical Labs, LLC. 1929 Old Denton Road Carrollton, TX 75006; phone (972) 242-2754, fax (972) 242-2798, mobile (214) 564-8366.

Public Water System Sample Collection Analysis Report

EWS/ 1090025 /AC

(AL13088234

Public Water System ID #: TX1090025

Bill To:

WOODROW OSCEOLA WSC BLANTON WELL PLANT 1
GREENHILL, RICHARD, F
1147 FM 934
BLUM, TX 76627-3138

Collection Date: 8/20/2013

Water analyses are required by law (30 TAC §290, THSC §341.0315). I acknowledge that the sampling technician has been accompanied during sampling and that the sample has been collected from the correct location indicated on this form. Water systems are responsible for all laboratory fees. Falsification of this form or tampering with water samples is a crime punishable under state and federal law. Refusing to sample, including refusing to sign this form, will result in a monitoring and reporting violation(s), possible enforcement, and fines.

Report to:

WOODROW OSCEOLA WSC BLANTON WELL PLANT 1
1147 FM 934
BLUM, TX 76627-3138

ERIC HAFFNER

WATER SYSTEM REPRESENTATIVE

DANIEL BOCHICCHIO

SAMPLING TECHNICIAN

SAMPLING LOCATION

FACILITY ID: EP001

FACILITY LOCATION: 1147 FM 934, BLUM

LAT: N 32.1062

SAMPLE POINT: TRT-TAP

SAMPLE LOCATION: PUMPHOUSE

LONG: W -97.31584

TAP FLUSHING - START: 10:38

FREE CHLORINE RESIDUAL: 1.42 mg/L

TEMPERATURE: 83 °F

END: 10:43

TOTAL CHLORINE RESIDUAL: -- mg/L

pH: 8.3

TIME	SAMPLE ID	ANALYSIS TYPE	CONTAINER	PRESERVATION	SAMPLE PERIOD	LAB	SAMPLE TYPE	PRIOR COMPLI -ITY	ANCE
10:44:33	1317696	NO32	100 ML PLASTIC OR GLASS	COOL 4C	YR2013	LCRA	RT	N	YES

SAMPLING LOCATION

FACILITY ID: EP002

FACILITY LOCATION: FREEMAN PLANT - 318 CR 1439

LAT: N 32.13008

SAMPLE POINT: TRT-TAP

SAMPLE LOCATION: TAP IN PH

LONG: W -97.31686

TAP FLUSHING - START: 11:02

FREE CHLORINE RESIDUAL: 0.76 mg/L

TEMPERATURE: 86 °F

END: 11:08

TOTAL CHLORINE RESIDUAL: -- mg/L

pH: 8.4

TIME	SAMPLE ID	ANALYSIS TYPE	CONTAINER	PRESERVATION	SAMPLE PERIOD	LAB	SAMPLE TYPE	PRIOR COMPLI -ITY	ANCE
11:10:17	1303223	504	3-40 ML GLASS & FIELD BLANK	SODIUM THIOSULFATE, COOL 4C	3Y2013	LCRA	RT	N	YES
COMMENTS: LOT DHL 06/25/13 EXP 09/25/13									
11:10:25	1305625	515	2-40 ML AMBER GLASS	SODIUM SULFITE, COOL 10C, DARK	3Y2013	LCRA	RT	N	YES
11:10:27	1308035	531	2-60 ML GLASS	SODIUM THIOSULFATE, MCA PH<3, COOL 4C	3Y2013	LCRA	RT	N	YES
11:10:28	1310043	MIN	1 L PLASTIC OR GLASS	COOL 4C	3Y2013	LCRA	RT	N	YES
11:10:30	1310987	MTL	1 L PLASTIC OR GLASS	NO FIELD PRESERVATION	3Y2013	LCRA	RT	N	YES
11:10:32	1311990	SOC5	1 L AMBER GLASS	SODIUM SULFITE, HCl PH<2, COOL 4C, DARK	3Y2013	LCRA	RT	N	YES
11:10:34	1312293	VOC	2-40 ML GLASS & FIELD BLANK	ASCORBIC ACID, HCl PH<2, COOL 4C	3Y2013	LCRA	RT	N	YES
COMMENTS: LOT DHL 06/25/13 EXP 09/25/13									

SAMPLING LOCATION

FACILITY ID: DS01

FACILITY LOCATION: DISTRIBUTION SYSTEM

LAT: N 0

SAMPLE POINT: DBP1-01

SAMPLE LOCATION: 8100 HWY 171

LONG: W 0

TAP FLUSHING - START: 12:24

FREE CHLORINE RESIDUAL: 1.88 mg/L

TEMPERATURE: 81 °F

END: 12:30

TOTAL CHLORINE RESIDUAL: -- mg/L

pH: 8.1

TIME	SAMPLE ID	ANALYSIS TYPE	CONTAINER	PRESERVATION	SAMPLE PERIOD	LAB	SAMPLE TYPE	PRIOR COMPLI -ITY	ANCE
12:34:50	1335659	HAA5	2-60 ML AMBER GLASS	AMMONIUM CHLORIDE, COOL 4C, DARK	3Y2013	LCRA	RT	N	YES
12:34:51	1348389	TTHM	2-40 ML GLASS	SODIUM THIOSULFATE, COOL 4C	3Y2013	LCRA	RT	N	YES

SAMPLING LOCATION

FACILITY ID: DS01

FACILITY LOCATION: DISTRIBUTION SYSTEM

LAT: N 0

SAMPLE POINT: ASB-01

SAMPLE LOCATION: 8100 HWY 171

LONG: W 0

TAP FLUSHING - START: 12:30

FREE CHLORINE RESIDUAL: 1.88 mg/L

TEMPERATURE: 82 °F

END: 12:36

TOTAL CHLORINE RESIDUAL: -- mg/L

pH: 8.2

TIME	SAMPLE ID	ANALYSIS TYPE	CONTAINER	PRESERVATION	SAMPLE PERIOD	LAB	SAMPLE TYPE	PRIOR COMPLI -ITY	ANCE
12:36:15	1331027	ASBESTOS	1 L PLASTIC OR GLASS	COOL 4C	9Y2013	CRISP	RT	N	YES

WJ 8/22/13
8:00am

FOR MORE INFORMATION: Public water systems may view their water system information including sampling schedules and sample results by visiting the State of Texas Drinking Water Watch website at the following address: <http://dww.tceq.texas.gov/DWW/>

Regulations governing sample scheduling and collection are available upon request from the Public Drinking Water Section of the Texas Commission on Environmental Quality. Phone: (512) 239-4691 Email: PDWS@tceq.texas.gov Website: <http://www.tceq.texas.gov>

Lab fee schedule can be found at the following address: www.tceq.texas.gov/drinkingwater/chemicals/sample_collection/costestimate#Lab-fees