

TEXAS INDUSTRIAL STORMWATER PERMIT TXR050000: COMPLETING BENCHMARK MONITORING REPORTS (BMRs)

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Accutest Laboratories

1 Laboratory data:

Report of Analysis

Page 1 of 1

Client Sample ID: S S-001
Lab Sample ID: T170
Matrix: AQ - Water

Date Sampled: 03/31/07
Date Received: 04/06/07
Percent Solids: n/a
ut Blvd. Laport, TX

Project: *(If DMR parameters were analyzed in the same sampling event, ignore those results when completing the BMR. See separate DMR guidance).*

Metals Analysis

mg/L	Analysis	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
1.780	Aluminum	1780	200	ug/l	1	04/10/07	04/13/07 NS	EPA 200.7 ²	EPA 200.7 ⁴
<0.005	Arsenic	<5.0	5.0	ug/l	1	04/10/07	04/13/07 NS	EPA 200.7 ²	EPA 200.7 ⁴
<0.200	Barium	<200	200	ug/l	1	04/10/07	04/13/07 NS	EPA 200.7 ²	EPA 200.7 ⁴
<0.004	Cadmium	<4.0	4	ug/l	1	04/10/07	04/13/07 NS	EPA 200.7 ²	EPA 200.7 ⁴
<0.010	Chromium	<10	1	ug/l	1	04/10/07	04/13/07 NS	EPA 200.7 ²	EPA 200.7 ⁴
<0.025	Copper	<25	2	ug/l	1	04/10/07	04/13/07 NS	EPA 200.7 ²	EPA 200.7 ⁴
1.100	Iron	1100	1	ug/l	1	04/10/07	04/13/07 NS	EPA 200.7 ²	EPA 200.7 ⁴
0.0082	Lead	8.2	3	ug/l	1	04/10/07	04/13/07 NS	EPA 200.7 ²	EPA 200.7 ⁴
0.0341	Manganese	341	1	ug/l	1	04/10/07	04/13/07 NS	EPA 200.7 ²	EPA 200.7 ⁴

This is a SIMPLIFIED screen-shot example of how to use your lab data to complete reports. This example is for a Sector Q facility that opted to analyze for NEL Hazardous Metals and Benchmark requirements in the same sampling event. This is intended to be a "quick-refresher" example and it DOES NOT address every reporting situation. Consult the TCEQ for full requirements.

3 Reporting form:

Report of Benchmark Monitoring Data for Storm Water Discharges Associated with Industrial Activity under the TPDES Multi-Sector General Permit (TXR050000)

TPDES Permit No. TXR050000 SIC code: 4491 Sector: Q

STEPS:

1. Find your data results pages in your lab report.
2. The data may be given in ug/L. If so, convert to mg/L by moving decimal three places to the left.
3. Download the BMR form from the TCEQ website: http://www.tceq.state.tx.us/permitting/water_quality/stormwater/TXR05_dmr.html
4. Begin filling out your BMR form with Permit No., SIC code, Sector, and those Parameters and Values that apply to your Sector (see your SWPPP or permit TXR05).
5. Transcribe the applicable portions of your data onto the BMR form, in mg/L (see form instructions also).
6. Repeat the process during the second half of the year.
7. Once all sampling events have been entered, average the data (refer to form instructions).
8. Sign & submit completed form to TCEQ (address on the form) by March 31 of the following year.

Parameter <i>all values given in mg/L</i>	Benchmark Value	Semi-Annual Monitoring Results in ppm (= mg/L)				Yearly Average
		1st Half (Jan-Jun)	Additional Sampling	2nd Half (Jul-Dec)	Additional Sampling	
ALUMINUM	1.2	1.78				
IRON	1.3	1.1				
LEAD	0.010	0.0082				
ZINC	0.16	0.106				
TSS	100	101				