

Chromium-6 Data for Southwest Houston

Thank you for sharing your concerns about chromium-6.

The City of Houston specifically tested for chromium-6 in 2013 – 2014 as part of EPA's Unregulated Contaminant Monitoring Rule. We also conducted additional testing during 2017 and 2018, at the groundwater plants and wells where chromium-6 was detected.

Houston Water Southwest Area Chromium-6 Test Results (ppb)

Location	July 2013	February 2014	July 2017	December 2017	March 2018
Bellaire Braes	1.7	1.9	0.22	1.6	0.26
Bellaire Braes Well 1	Not Sampled*	Not Sampled*	Not Sampled*	Not Sampled*	1.3
Brookfield	4.9	5.4	5.0	5.1	2.4
District 90-2	3.1	3.5	3.3	4.2	4.3
District 111-2	4.9	2.3	Not Sampled*	Not Sampled*	2.6
District 123 <i>10000 S Kirkwood</i>	5.1	6.7	5.8	5.5	2.5
District 184	3.2	2.0	2.2	2.3	3.0
Parkglen-1	2.6	2.5	2.8	2.5	2.3
Parkglen West	4.4	4.0	4.4	Not Sampled*	4.0
D-District 111-2**	4.4	2.6	0.18	1.8	Not Sampled*
Parkglen MUD***	2.8	2.3	0.78	2.4	Not Sampled*
100****	2.9	1.5	1.4	2.9	Not Sampled*

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*District 111-2 and Parkglen West facilities were not in service. Distribution samples were not collected in March 2018. Observations showed levels at distribution sites are either equal to or less than their associated source water plants. Bellaire Braes Well #1 was sampled in March 2018, to observe levels in groundwater for this facility, whereas the other Bellaire Braes samples were from the plant storage tank where groundwater and surface water are mixed together.

**D-D-111-2 is water from Bellaire Braes, District 111-2, and Brookfield Facilities

***Parkglen MUD is water from District 184, District 90-2, District 123, and Parkglen West Groundwater Facilities

****100 represents Parkglen-1 Groundwater Facility

The Safe Drinking Water Act (SDWA) requires EPA to determine the level of contaminants in drinking water at which no adverse health effects are likely to occur. EPA has not created a drinking water standard for chromium-6 by itself but does have a drinking water standard for total chromium, which includes chromium-6. In order to ensure that the greatest potential risk is addressed, EPA's regulation assumes that a measurement of total chromium is 100 percent chromium-6, the more toxic form of chromium. Houston routinely tests drinking water for total chromium and tests for total chromium have consistently remained within USEPA's drinking water standards of 100 parts per billion (ppb), and the highest reading of chromium-6 observed in the area around City Council District F is 6.7 ppb.

More information regarding chromium in drinking water, including EPA's responses to Frequently Asked Questions, can be found on EPA's website: <https://www.epa.gov/dwstandardsregulations/chromium-drinking-water>.