

COUNTY OF LOS ANGELES



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Richard K. Iizuka
Chief Deputy

DATE: July 6, 2011

TO: Supervisor Michael D. Antonovich, Mayor, Fifth District
Supervisor Gloria Molina, First District
Supervisor Mark Ridley-Thomas, Second District
Supervisor Zev Yaroslavsky, Third District
Supervisor Don Knabe, Fourth District

FROM: Kurt E. Floren 
Agricultural Commissioner
Director of Weights and Measures

SUBJECT: Water Quality Study –
Report of Analyses Results re: Water Supplies at County Facilities

I am pleased to present the accompanying report of results of laboratory analyses of drinking water supplies at County facilities. The Environmental Toxicology Laboratory of the Department of Agricultural Commissioner/Weights and Measures (ACWM) has completed sampling and analysis of water supplies from all 765 County facilities.

As background, on August 10, 2010, on a motion by 5th District Supervisor Michael Antonovich, your Board unanimously approved an action directing the Environmental Toxicology Bureau of ACWM to conduct analyses of drinking water supplies at all County facilities and from small well water facilities under the jurisdiction of the County Department of Public Health (DPH). This study was undertaken to provide a follow-up evaluation of water quality ten (10) years following a similar study performed in 2001.

The data in this report reflect water analysis results for the following:

- Lead
- Arsenic
- Total Chromium
- Hexavalent Chromium (Chromium+6)

Test results have been compared to Maximum Contaminant Levels (MCLs), Action Levels, and/or other standards established by the California Department of Public Health, the California Environmental Protection Agency, and/or the U.S. EPA, as applicable, for drinking water. It is hoped that this data may serve to provide information as a basis for further discussion or action.

The Honorable Board of Supervisors

July 6, 2011

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Please note that this report does not reflect analyses of water samples from small well water facilities. In preparation for initiating this study, as explained in my September 22, 2010, work plan report to your Board, it was agreed upon by DPH that its staff would collect and secure water samples from County wells, as DPH has jurisdiction over, and ready access to, such facilities, while ACWM does not. As reported in my project update to your Board on April 19, 2011, DPH initiated sampling of well water in February 2011 and the ACWM Environmental Toxicology Laboratory had completed analyses of all 56 samples that had been submitted to date, representing approximately 30% of the countywide well population. I further reported that DPH had notified ACWM that it had been forced to suspend its sampling activities in late March due to its activation of the Incident Command Structure to fulfill its responsibility to conduct air sampling and monitoring of radiation levels in response to the nuclear power plant concerns in Japan. ACWM staff has been in continuing communication with DPH staff members, who have recently indicated that well water sampling has now resumed. ACWM remains prepared to promptly perform analyses of those well water samples as they are submitted and will prepare a report of all related test results with equal promptness.

Please contact me directly at (626) 575-5451 or Chief Deputy Richard Iizuka at (626) 575-5453 with any questions or additional information that may be required.

c: William T Fujioka, Chief Executive Officer
Jackie White, Deputy Chief Executive Officer, Safety
Board Deputies



Report on

**Arsenic, Chromium, Chromium+6 and Lead in Drinking Water Supplies
At County Facilities**

2011 Follow Up Study

Prepared by

Environmental Toxicology Bureau
Department of Agricultural Commissioner/Weights and Measures
County of Los Angeles

July 6, 2011

Respectfully submitted by:

Kurt Floren
Agricultural Commissioner/Director, Weights and Measures

Thant Zin Win
Chief, Environmental Toxicology Bureau

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Executive Summary

Arsenic, Total Chromium, Chromium+6, And Lead In Drinking Water At All County Facilities

On August 10, 2010, the County of Los Angeles Board of Supervisors instructed the Environmental Toxicology Laboratory of the Department of Agricultural Commissioner/Weights and Measures to conduct an expanded study of all County facilities for presence of arsenic, total chromium, hexavalent chromium (Chromium+6), and lead in drinking water supplies and report back to the board in 180 days. This action was to provide a follow up study to the report on Chromium, Arsenic and Lead in County Facilities 2001 Pilot Study published August 15, 2001.

Chromium may exist in water supplies in two forms: as trivalent chromium (Cr+3) and/or as hexavalent chromium (Cr+6). There is general agreement in the scientific community that Chromium+6 is the form that poses the greatest risk to animal and human health.

Inorganic arsenic may exist in water supplies as arsenic 3 (trivalent arsenic) and arsenic 5 (pentavalent arsenic). Arsenic 3 is metabolized into methyl arsenic 3 or dimethyl arsenic 3. Arsenic 3 is more toxic than arsenic 5, and methyl arsenic 3 is more toxic than arsenic 3.

Lead may exist in water supplies as divalent or tetravalent form, but no information is available regarding which form may be deemed more toxic.

Total Chromium MCL (established):

Title 22, California Code of Regulations, Section 64431, defines the maximum contaminant level (MCL) for total chromium at **50 parts per billion (ppb)**. This is a more restrictive standard than the US EPA's MCL of 100 ppb.

Chromium +6 MCL (not established):

Neither the US EPA nor the State has a set separate standard for hexavalent chromium (Chromium+6). Due to public concern of chromium+6 in drinking water, the State's Office of Environmental Health Hazard Assessment (OEHHA) has established a Public Health Goal (PHG) of 2.5 ppb for total chromium and 0.2 ppb for chromium+6. Later, OEHHA released an initial draft PHG for chromium+6 of 0.06 ppb in August 2009. In December 2010, OEHHA released a revised draft PHG of chromium+6 of 0.02 ppb for public comment. A PHG is needed to set up a drinking water standard for safety of the environment and public. Effective January 3, 2001, the State Department of Public Health (DPH), Division of Drinking Water and Environmental Management adopted a regulation to add chromium+6 to the list of unregulated chemicals requiring monitoring [6]. However, **no MCL for Chromium +6 has been established.**

Arsenic MCL (established):

The maximum contaminant level (MCL) for arsenic established by the **State is 10 ppb** and the **Federal MCL is also set at 10 ppb**.

Lead Action Standard:

The Federal and State action standard levels for lead are established at **15 ppb**

Sample Collection and Analyses:

A total of **seven hundred sixty five (765) drinking water samples** from County facilities were collected from October 6, 2010, to April 11, 2011. Methods approved by the State and the US EPA were used to test for the presence and levels of arsenic, total chromium, chromium+6, and lead. All samples were analyzed for chromium +6 within 24 hours of collection.

Total Chromium:

Three hundred thirty five (335) facilities were found to have detectable presence of total chromium in the water supply (at levels equal to or higher than 2.5 ppb, the "Detection Limit for Reporting"). The detectable presence of total chromium represented 43.8% of all facilities tested. **None of the facilities were found to contain more than 50 ppb total chromium (the current MCL for total chromium).**

Chromium +6:

Three-hundred thirty-three (333) facilities were found to have presence of chromium+6 in the water supply at a level equal to or greater than 0.25 ppb (the Detection Limit for Reporting). The detectable presence of chromium+6 represented 43.5% of all facilities tested. The highest concentration of chromium+6 found was 12.2 ppb and the average concentration of chromium+6 found was 1.81 ppb. The ratio of chromium+6 to total chromium in the same sample fluctuated from <10% to 88%. Water samples from County facilities in Lancaster produced results with the highest levels of chromium+6 content.

Arsenic:

The ACWM Environmental Toxicology Laboratory's detection limit for reporting on arsenic is 1.0 ppb. The maximum contaminant level (MCL) for arsenic established by the State is 10 ppb and the Federal MCL is also set at 10 ppb. Six hundred forty (640) facilities were found to have detectable arsenic levels (equal to or higher than 1.0 ppb). The detectable presence of arsenic in the water supply represented 83.7% of all facilities tested. **Three (3) facilities were found to have presence of arsenic at levels greater than the MCL of 10 ppb.** Study tests show the highest concentration found was 70.4 ppb, with three (3) facilities having concentrations more than 10 ppb. Water samples from County facilities in Lancaster produced results with the highest levels of arsenic content.

Lead:

The ACWM Environmental Toxicology Laboratory's detection limit for reporting on lead is 1.0 ppb. Two hundred forty (240) facilities (31.4%) were found to have presence of lead in the drinking water supply equal to or higher than 1.0 ppb. **Only one (1) facility was found to contain lead that was higher than the State and Federal action level of 15 ppb for lead**, with a concentration level of 26.7 ppb.

This follow up study has been conducted a decade after the County of Los Angeles County performed a previous comprehensive testing of drinking water in all County facilities for arsenic, total chromium, chromium+6, and lead in 2001. It is hoped that the study results may provide valuable information to the Board of Supervisors as a basis for further discussion or action regarding monitoring and maintenance of water quality within the county.

Board Directive

On August 10, 2010, on a motion by Fifth District Supervisor Michael Antonovich and unanimously passed by the County of Los Angeles Board of Supervisors, the Board instructed the Environmental Toxicology Bureau of the Department of Agricultural Commissioner/Weights and Measures to test drinking water at the estimated eight-hundred County facilities for arsenic, total chromium, chromium+6, and lead and to report back to the Board within 180 days.

Background

Total Chromium and Chromium+6

Chromium may exist in water supplies in two forms: as trivalent chromium (Cr+3) and/or as hexavalent chromium (Cr+6) [2]. There is general agreement in the scientific community that Cr+6 is the form that poses the highest risk to animal and human health [1], [3], [4], [5]. It can cause allergic dermatitis and carcinogenic to the human.

I. Current Regulation

Title 22, California Code of Regulations, Section 64431, defines the standard for certain contaminants in the State's drinking water supply. One of these contaminants is total chromium. The standard set for total chromium corresponds to the combined concentrations of Cr+3 and Cr+6. The **State's drinking water standard for total chromium is 50 ppb** [6]. This is more restrictive than the US EPA's standard of 100 ppb [6]. Neither the US EPA nor the State has set a separate standard for Cr+6 [6]. Therefore, the **standard for Cr+6 is 50 ppb in California** and 100 ppb for other states. Because total chromium is regulated, the State requires municipal water suppliers to test drinking water sources for total chromium regularly.

Current MCL for Total Chromium

Total Chromium is currently regulated under the 50 ppb maximum contaminant level (MCL). California's MCL for total chromium was established in 1977, when the State adopted what was then a "National Interim Drinking Water Standard" for chromium. The total chromium MCL was established to address exposures to chromium+6, which is considered to be the more toxic form of chromium. The US Environmental Protection Agency (US EPA) adopted the same standard, but in 1991, raised the federal MCL to 100 ppb. California did not follow US EPA's lead and retained its 50 ppb MCL for total chromium.

Specific MCL for Chromium+6 (not established)

California's Health and Safety Code guides the development of an MCL for chromium+6. Health and Safety Code §116365.5 required the adoption of an MCL for chromium+6 by January 1, 2004, but **no MCL has yet been established**. In addition, Health and Safety Code §116365(a) requires CDPH to establish an MCL at a level as close as is technically and economically feasible to the contaminant's Public Health Goal. PHG's are contaminant concentrations in drinking water that do not pose a significant risk to health. PHGs are developed by Cal/EPA's Office of Environmental Health Hazard Assessment (OEHHA).

OEHHA's initial draft PHG for chromium+6 of 0.06 ppb was released in August 2009. In December 2010, OEHHA released a revised draft PHG of chromium+6 of 0.02 ppb for public comment. The public comment period closed on February 15, 2011. Once the chromium+6 PHG is final, CDPH will proceed with setting a primary drinking water standard for chromium +6 (the MCL).

II. Public Health Goal (PHG)

Public Health Goals are limits of contaminants in drinking water that pose an insignificant risk to public health. They are based on human health risk assessments and are established by the State's OEHHA. PHGs serve two purposes: for State DPH to identify contaminants for which standards or maximum allowable contaminant levels (MCL) in drinking water need to be reviewed for possible revision and for municipal water suppliers to provide information to the consumers about drinking water contaminants [7].

In March 1999, in compliance with Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986, the OEHHA classified Chromium+6 as a carcinogen.

OEHHA used this determination, and available data from a study of two North Carolina lakes, which showed Chromium+6 to make up 7.2% of detectable total chromium, to set the PHG for total chromium at 2.5 ppb [6]. This PHG assumes that, for any concentration of total chromium found, 7.2% of the amount will be Chromium+6. Thus, the conclusion drawn is that the public will be protected from health risks posed by concentrations in drinking water of Chromium +6 of 0.2 ppb or less.

ARSENIC

Higher levels of arsenic tend to be found in ground water than in surface water sources of drinking water. Arsenic occurs naturally in rocks, soil, water, air, plants and animals. EPA set the maximum contaminant level (MCL) for arsenic at 50 ppb in 1975. In March 1999, the National Academy of Science reported that the current standard of 50 ppb does not achieve the EPA's goal of protecting public health and should be lowered as soon as possible. Currently, the **maximum contaminant level (MCL) of arsenic is 10 ppb**. Potential health effects from long term arsenic exposure are skin damage, problems with circulatory systems, and increased risk of cancer.

I. Current Regulation

On June 22, 2000, EPA proposed a new drinking water standard of 5 ppb for arsenic and requested comments on other possible standards of 3 ppb, 10 ppb and 20 ppb. Under the Safe Drinking Water Act amendments of 1996, EPA was required to issue a final rule by January 1, 2001, but Congress subsequently extended this date to June 22, 2001. On January 22, 2001, the US EPA revised the maximum contaminant level (MCL) for arsenic from 50 ppb to 10 ppb [8].

California's revised arsenic MCL of 10 ppb (equivalent to 10 micrograms per liter, µg/L) became **effective on November 28, 2008**, although the federal MCL for arsenic has been in effect since January 2006.

LEAD

Most lead contamination of drinking water likely comes from pipes that deliver the water from the water sources. Potential effects from lead exposure are mostly applicable to infants and children. Symptoms are delays in physical and mental development and slight deficit in attention span and learning abilities. In adults, lead exposure can effect to kidney and blood pressure effects.

I. Current Regulation

No MCL has been established for lead in drinking water in the State of California. However, there has been established an **Action Level of 15 ppb** in accordance with National Primary Drinking Water Regulations for Lead, which established an action level of 15 ppb for lead in drinking water in 1991.

County Facilities Sampled

A total of seven hundred sixty five (765) County facilities were sampled for drinking water analysis under this study. Addresses of the facilities and the individual testing results are attached with this report as Attachment A.

Sampling Protocol

Samples from County facilities were collected from October 6, 2010, through April 11, 2011. Duplicate water samples were collected at each location. Collection bottles used were 500 milliliter plastic containers. Bottles used for Chromium+6 samples contained no preservatives and bottles for arsenic, total chromium, and lead samples contained a nitric acid preservative. All samples were kept in cool storage immediately after collection until they were tested. Analyses for chromium+6 were each performed within 24 hours of collection.

Testing Procedure

I. Total Chromium, Arsenic and Lead

The method used for total chromium analysis is US EPA Method 200.8 - Determination of Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry. In order to eliminate any interference of polyatomic isobaric molecular ion of argon carbon species to total chromium, laboratory personnel added 1% hydrogen peroxide to each acidified sample and warmed the sample on a hot plate to 80 degrees centigrade for one hour. Each sample was covered by a watch glass during warming to avoid volume changes. Interference may come from the presence of carbonate and bicarbonate that may exist in the sample.

II. Chromium+6

The method used for chromium+6 analysis is US EPA 218.6 - Method-Determination of Dissolved Hexavalent Chromium in Drinking Water, Groundwater, and Industrial Wastewater Effluent by Ion Chromatography.

Results

Total Chromium and Chromium+6

I. Detection Limit

The Laboratory used sensitive inductively coupled plasma-mass spectrometer to analyze for presence and levels of **total chromium** in the water samples to a threshold (detection limit) of **2.5 ppb**. The threshold (detection limit) for ion chromatographic determination of **hexavalent chromium (chromium +6)** was **0.25 ppb**. Concentrations below these limits were considered not detected. Results are reported in parts per billion (ppb).

II. County-wide results

All seven hundred sixty five (765) samples collected from the County facilities were tested for the presence and levels of total chromium and chromium+6. Table 1 summarizes the overall figures for this study. Attachment A of this report contains the tabulated results for each facility tested.

Table 1. County-Wide Results

Contaminant	Detection Limit (ppb)	Facilities/Samples Above Detection Limit	% Positive Presence	Facilities/Samples Exceeding MCL	% Facilities/Samples Exceeding MCL
Total chromium	2.50	335	43.8%	-0-	0%
Chromium+6	0.25	333	43.5%	N/A – No MCL	N/A – No MCL

Three hundred thirty five (335) facilities (43.8%) were found to have water supplies with total chromium concentrations higher than the detection limit of 2.50 ppb. Three hundred thirty three (333) facilities (43.5%) were found to have water supplies with chromium+6 higher than the detection limit of 0.25 ppb. The highest concentrations found for total chromium and chromium+6 were 13.9 ppb and 12.2 ppb, respectively. See Table 2 and 3 for more detail results.

Table 2. Percentage Ranking By City of County Facilities with Total Chromium Levels Above Detection Limit

CITY	Total County Facilities	Facilities with Total Chromium Above Detection Limit (>2.50 ppb)	% of Facilities With Detectable Levels
Alhambra	3	3	100%
Arcadia	6	6	100%
Artesia	2	2	100%
Baldwin Park	6	6	100%
Burbank	4	4	100%
Duarte	4	4	100%
El Monte	20	20	100%
Glendora	4	4	100%
Gorman	2	2	100%
Hacienda Heights	5	5	100%
Hawaiian Gardens	3	3	100%
La Mirada	3	3	100%
La Puente	7	7	100%
Lake Hughes	4	4	100%
Lake Los Angeles	3	3	100%
Lakewood	8	8	100%
Lawndale	8	8	100%
Lennox	3	3	100%
Littlerock	6	6	100%
Lynwood	5	5	100%
Maywood	1	1	100%
Monterey Park	6	6	100%
Newhall	1	1	100%
Palos Verdes Estates	1	1	100%
Paramount	4	4	100%
Pearblossom	2	2	100%
Pomona	18	18	100%
Rosemead	4	4	100%
San Gabriel	2	2	100%
Santa Fe Spring	3	3	100%
South El Monte	6	6	100%
South Gate	7	7	100%
Temple City	5	5	100%
Valinda	1	1	100%
West Covina	5	5	100%
Whittier	20	19	95%
Downey	11	10	91%
Pico Rivera	8	7	88%
Santa Clarita	14	12	86%
Bellflower	5	4	80%

Huntington Park	5	4	80%
San Fernando	5	4	80%
Saugus	5	4	80%
Glendale	4	3	75%
Irwindale	4	3	75%
Covina	3	2	67%
Quartz Hill	3	2	67%
Inglewood	5	3	60%
Pacoima	7	4	57%
Agua Dulce	2	1	50%
Altadena	10	5	50%
Bell Gardens	4	2	50%
Monrovia	2	1	50%
San Dimas	10	4	40%
Lancaster	33	13	39%
Acton	3	1	33%
Gardena	3	1	33%
East Los Angeles	23	6	26%
Los Angeles	145	37	26%
Commerce	20	4	20%
Sylmar	6	1	17%
Hawthorne	7	1	14%
Palmdale	8	1	13%
Compton	9	1	11%
Torrance	9	1	11%
Marina Del Rey	10	1	10%
Norwalk	10	1	10%

NOTE:

- **No County facility water supplies were found to have Total Chromium concentrations exceeding the Maximum Contaminant Level (MCL).**
- **No Maximum Contaminant Level has been established for Chromium +6.**

Table 3. Percentage Ranking By City of County Facilities with Chromium+6 Levels Above Detection Limit

CITY	Total Number of Facilities	Facilities with Chromium+6 Above Detection Limit (>0.25 ppb)	% of Facilities With Detectable Levels
Alhambra	3	3	100%
Arcadia	6	6	100%
Artesia	2	2	100%
Baldwin Park	6	6	100%
Bellflower	5	5	100%
Burbank	4	4	100%
Cudahy	2	2	100%
El Monte	20	20	100%
Gorman	2	2	100%
Hacienda Heights	5	5	100%
Hollywood	1	1	100%
Irwindale	4	4	100%
Lake Los Angeles	3	3	100%
Littleton	6	6	100%
Lynwood	5	5	100%
Monrovia	2	2	100%
Monterey Park	6	6	100%
Newhall	1	1	100%
Rosemead	4	4	100%
San Gabriel	2	2	100%
Santa Fe Spring	3	3	100%
South El Monte	6	6	100%
Valinda	1	1	100%
West Covina	5	5	100%
West Hollywood	2	2	100%
Pomona	18	17	94%
Downey	11	10	91%
Pasadena	8	7	88%
Santa Clarita	14	12	86%
South Gate	7	6	86%
Commerce	20	16	80%
Huntington Park	5	4	80%
San Fernando	5	4	80%
Temple City	5	4	80%
Bell Gardens	4	3	75%
Glendale	4	3	75%
La Puente	7	5	71%
La Mirada	3	2	67%
Quartz Hill	3	2	67%
Whittier	20	13	65%

Marina Del Rey	10	6	60%
Malibu	17	10	59%
Agua Dulce	2	1	50%
Culver City	4	2	50%
Duarte	4	2	50%
La Crescenta	8	4	50%
North Hollywood	2	1	50%
Norwalk	10	5	50%
Pearblossom	2	1	50%
Universal City	2	1	50%
Inglewood	5	2	40%
Saugus	5	2	40%
Lancaster	33	13	39%
Los Angeles	145	52	36%
La Canada	3	1	33%
Santa Monica	3	1	33%
Altadena	10	3	30%
Lakewood	8	2	25%
Lomita	4	1	25%
Pico Rivera	8	2	25%
West Los Angeles	8	2	25%
La Verne	6	1	17%
Palmdale	8	1	13%
Van Nuys	10	1	10%
East Los Angeles	23	2	9%

Three hundred thirty three (333) facilities have detectable chromium+6 (equal to or higher than 0.25 ppb). One hundred twenty three (123) of 333 facilities had chromium+6 to total chromium ratios higher than 50%.

III. Ten Facilities with Highest Concentrations of Total Chromium and Chromium+6

Table 4 lists the Ten County facilities with the highest concentrations of total chromium and chromium+6 detected. Total chromium concentration range from 9.97 ppb to 13.1 ppb and chromium+6 concentrations ranged from 8.57 ppb to 12.2 ppb. The chromium+6 to total chromium ratios are all well above 50%.

Table 4. Ten County Facilities with Highest Concentrations of Total Chromium and Chromium+6

City	Address	Total Chromium (ppb)	Chromium+6 (ppb)	% of Chromium+6
Lancaster	5300 W. Ave I	13.1	12.2	93.9%
Lancaster	44558 N. 40 th St. W.	12.3	11.9	96.7%
Lake Los Angeles	40235 N. 179 th St. E.	12.3	11.7	95.1%
Lake Los Angeles	39939 170 th St.	12.1	11.2	92.6%
La Puente	14830 E Giordano St.	13.0	9.94	76.5%
La Puente	15336 E. Elliott Ave.	11.2	9.50	84.8%
Rosemead	9319 Valley Blvd	10.5	9.21	87.7%
Rosemead	8800 Valley Blvd.	11.3	9.09	80.4%
Lake Los Angeles	16921 E. Ave. O	10.4	9.05	87%
El Monte	3401 Rio Hondo Ave.	9.97	8.57	86%

NOTE:

- **No County facility water supplies were found to have Total Chromium concentrations exceeding the Maximum Contaminant Level.**
- **No Maximum Contaminant Level has been established for Chromium +6.**

Figure 1 below shows percentages of facilities found positive and negative for presence of total chromium. Facilities are grouped by the concentration of total chromium detected. 43.9% of facilities tested positive for presence of total chromium. 13.9% had concentrations between 0.25 ppb to 4.99 ppb; 28.4% had concentrations between 5.0 ppb to 10 ppb; 1.6% had concentrations higher than 10 ppb.

Fig. 1. Distribution of Total Chromium in County Facilities County-Wide

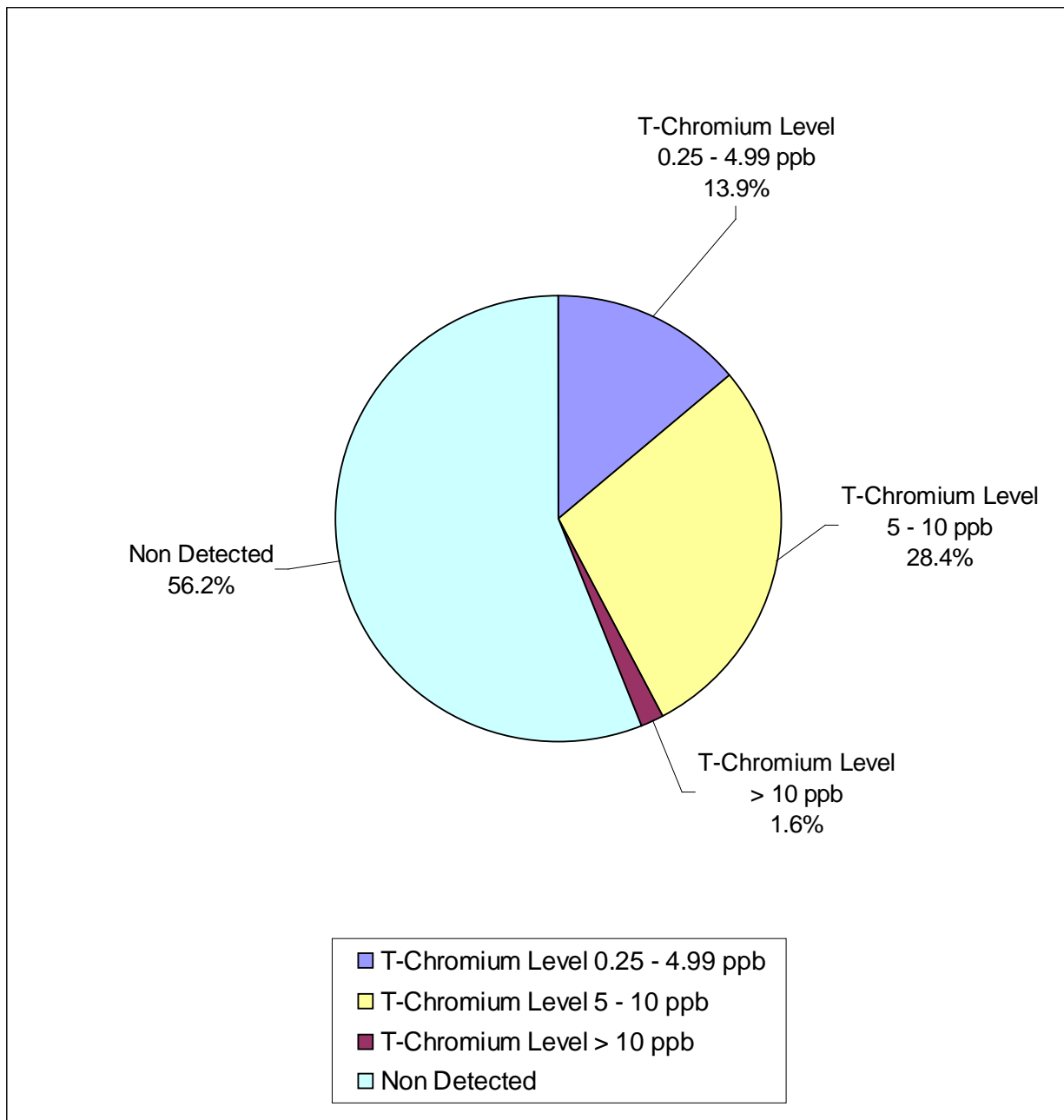
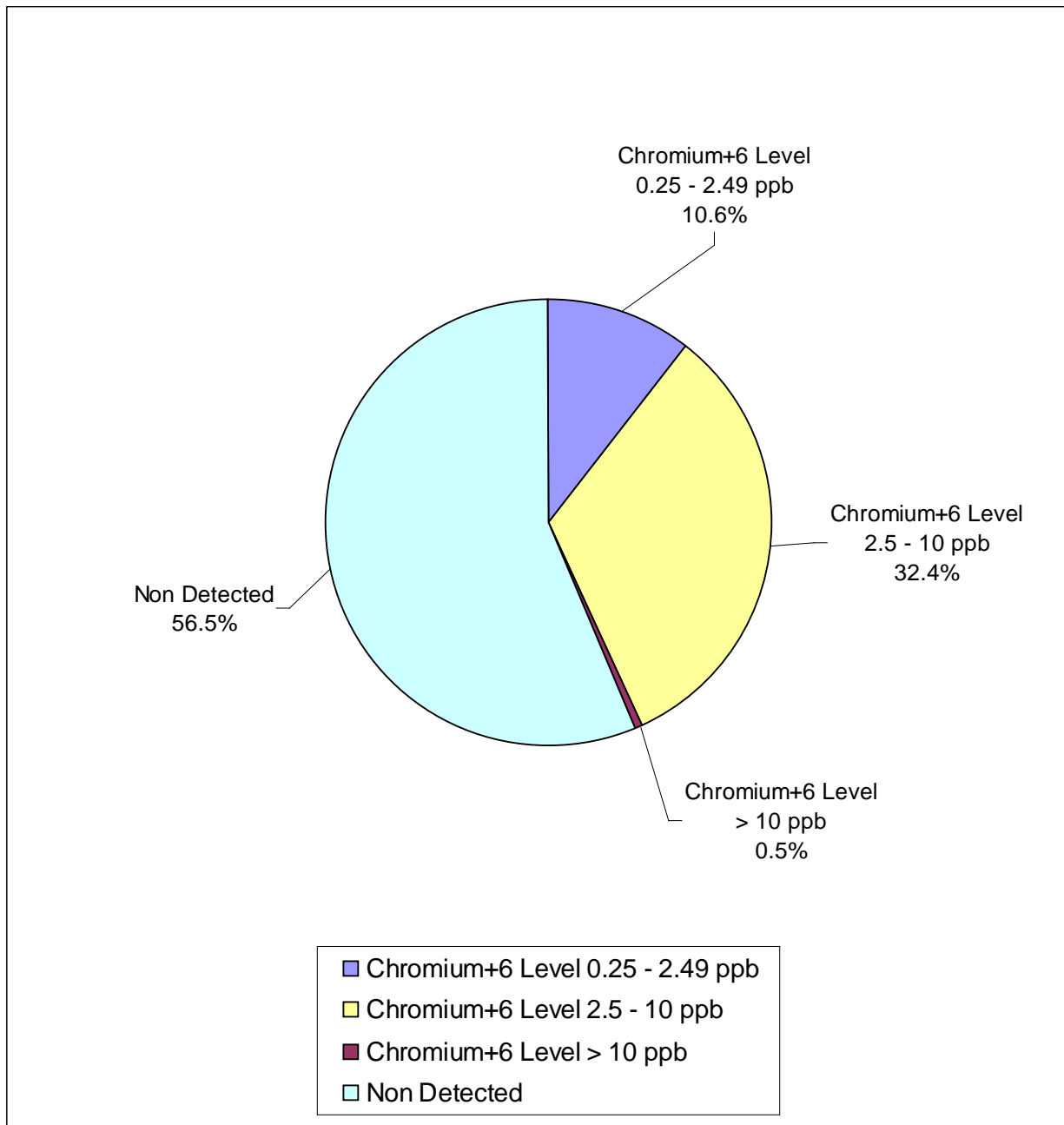


Figure 2 below shows percentages of facilities found positive and negative for presence of chromium+6. Facilities are grouped by the concentration of chromium+6 detected. 43.5% of facilities tested positive for chromium+6. 10.6% had concentrations between 0.25 ppb to 2.49 ppb; 32.4% had concentrations between 2.50 ppb to 10 ppb; 0.5% had concentrations higher than 10 ppb.

Fig. 2. Distribution of Chromium+6 in County Facilities County-Wide



ARSENIC

I. Detection Limit

The detection limit of arsenic by ICP/MS using EPA Method 200.8 was **1.0 ppb** (ug/l).

II. County-wide Results

Table 5 summarizes the overall results of Arsenic analyses for this study. Six hundred forty (640) (83.7%) of the 765 facilities tested contained concentrations from 1 to 70.4 ppb arsenic.

Three facilities' water supplies were found to have arsenic concentrations higher than the MCL of 10 ppb.

(See Attachment A for arsenic levels of individual facilities.)

Table 5. County-Wide Results

Contaminant	Detection Limit (ppb)	Facilities/Samples Above Detection Limit	% Positive Presence	Facilities/Samples Exceeding MCL Of 10 ppb	% Facilities/Samples Exceeding MCL Of 10 ppb
Arsenic	1.00	640	83.7%	3	0.4%

Table 6. Percentage Ranking By City of County Facilities with Arsenic Levels Above Detection Limit

CITY	Total Number of Facilities	Facilities with Arsenic Above Detection Limit (> 1.0 ppb)	% of Facilities With Detectable Levels
Acton	3	3	100%
Agoura	1	1	100%
Agoura Hills	3	3	100%
Altadena	10	10	100%
Artesia	2	2	100%
Azusa	6	6	100%
Baldwin Park	6	6	100%
Bell	1	1	100%
Bellflower	5	5	100%
Beverly Hills	2	2	100%
Burbank	4	4	100%
Calabasas	8	8	100%
Cudahy	2	2	100%
Culver City	4	4	100%
Downey	11	11	100%
Duarte	4	4	100%

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Encino	1	1	100%
Glendora	4	4	100%
Gorman	2	2	100%
Granada Hills	1	1	100%
Hawaiian Gardens	3	3	100%
Hermosa Beach	2	2	100%
Hollywood	1	1	100%
Huntington Park	5	5	100%
Inglewood	5	5	100%
La Canada	3	3	100%
La Crescenta	8	8	100%
La Mirada	3	3	100%
Lakewood	8	8	100%
Lennox	3	3	100%
Leona Valley	1	1	100%
Lomita	4	4	100%
Long Beach	8	8	100%
Lynwood	5	5	100%
Malibu	17	17	100%
Manhattan Beach	4	4	100%
Marina Del Rey	10	10	100%
Maywood	1	1	100%
Monterey Park	6	6	100%
Newhall	1	1	100%
North Hills	1	1	100%
North Hollywood	2	2	100%
Norwalk	10	10	100%
Pacific Palisades	4	4	100%
Pacoima	7	7	100%
Palos Verdes Estates	1	1	100%
Panorama City	2	2	100%
Paramount	4	4	100%
Playa Del Rey	4	4	100%
Rancho Palos Verdes	3	3	100%
Reseda	1	1	100%
Rolling Hills Estate	2	2	100%
Rowland Heights	5	5	100%
San Gabriel	2	2	100%
San Pedro	7	7	100%
Santa Fe Spring	3	3	100%
Santa Monica	3	3	100%
Signal Hills	1	1	100%
South El Monte	6	6	100%
South Gate	7	7	100%
Sun Valley	1	1	100%
Sylmar	6	6	100%
Topanga	1	1	100%
Tujunga	2	2	100%
Universal City	2	2	100%

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Valencia	1	1	100%
Valinda	1	1	100%
Van Nuys	10	10	100%
Venice	1	1	100%
West Hollywood	2	2	100%
West Los Angeles	8	8	100%
Westchester	1	1	100%
Westlake Village	2	2	100%
Whittier	20	20	100%
Commerce	20	19	95%
Los Angeles	145	134	92%
Pasadena	8	7	88%
Redondo Beach	8	7	88%
Hawthorne	7	6	86%
Santa Clarita	14	12	86%
Lancaster	33	28	85%
Hacienda Heights	5	4	80%
West Covina	5	4	80%
East Los Angeles	23	18	78%
Compton	9	7	78%
Torrance	9	7	78%
Bell Gardens	4	3	75%
Glendale	4	3	75%
Pico Rivera	8	6	75%
La Puente	7	5	71%
El Monte	20	14	70%
Alhambra	3	2	67%
Covina	3	2	67%
Lake Los Angeles	3	2	67%
Quartz Hill	3	2	67%
Saugus	5	3	60%
Temple City	5	3	60%
Agua Dulce	2	1	50%
Arcadia	6	3	50%
Irwindale	4	2	50%
La Verne	6	3	50%
Monrovia	2	1	50%
Montebello	2	1	50%
Rancho Dominguez	4	2	50%
Walnut	5	2	40%
Diamond Bar	3	1	33%
Gardena	3	1	33%
Pomona	18	6	33%
San Dimas	10	3	30%
Rosemead	4	1	25%
San Fernando	5	1	20%
Little Rock	6	1	17%
Lawndale	8	1	13%
Palmdale	8	1	13%

III. Ten Facilities with Highest Concentrations of Arsenic

Table 7. Ten County Facilities with Highest Concentration of Arsenic

City	Address	Arsenic (ppb)
Lancaster	5300 W. Ave. I	70.4
Lancaster	18348 W. Ave. D	68.5
Lakewood	2600 Green Meadow Rd.	25.8
Lakewood	6600 Del Amo Blvd.	8.12
Lakewood	4020 E. Candlewood St.	7.94
Lakewood	6421 E. Turner Grove Dr.	7.77
Downey	13001 Dahlia Ave.	7.60
Lakewood	3101 E. Carson Ave.	6.97
Lakewood	4060 Watson Plaza Dr.	6.97
Commerce	2700 Garfield Ave.	6.95

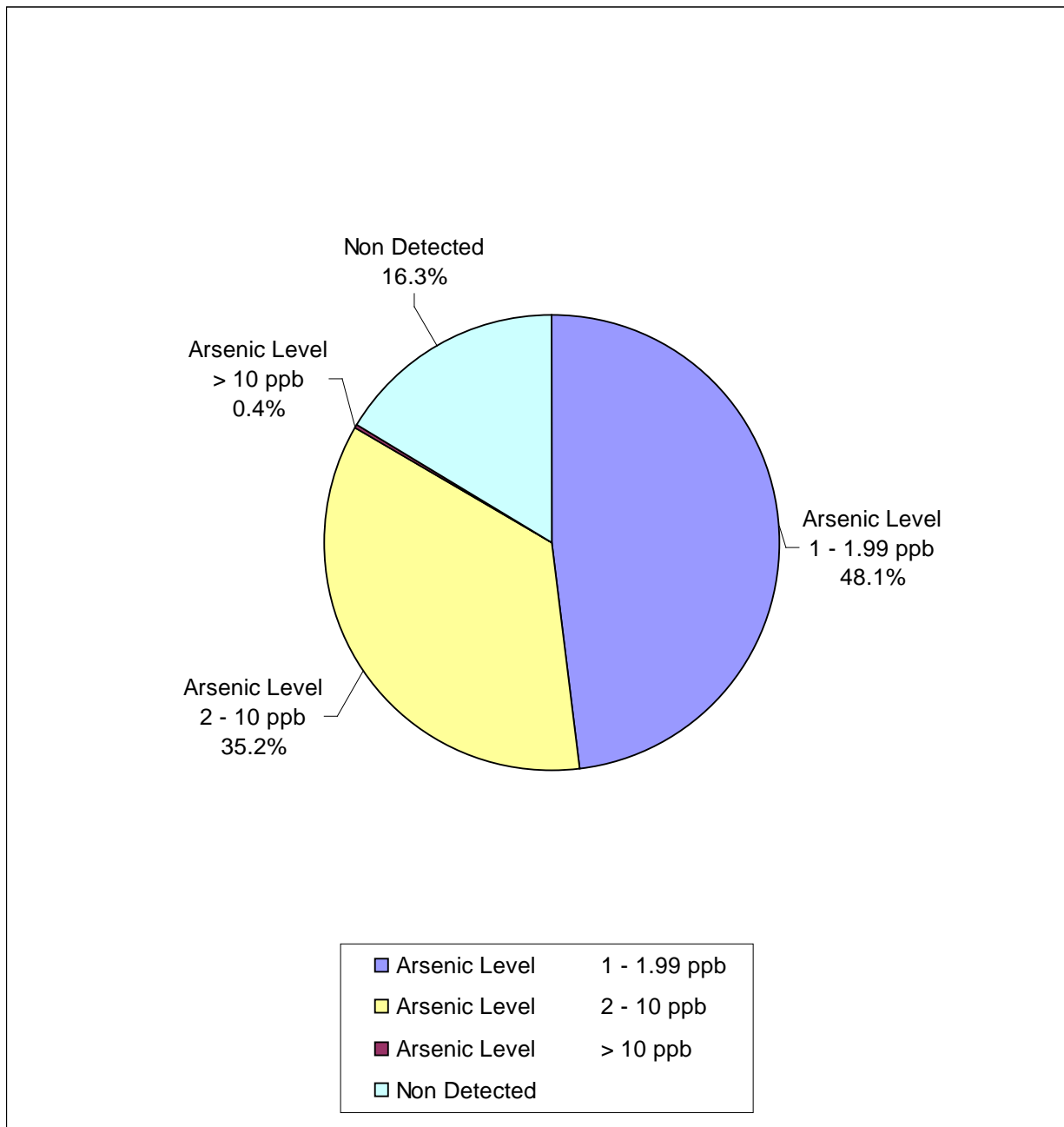
NOTE:

Three (3) County facilities were found to have water supplies with arsenic levels exceeding the MCL of 10 ppb.

Table 7 lists the ten County facilities with the highest presence of arsenic. Again, the city of Lancaster has County facilities with the highest concentrations of arsenic, at 70.4 ppb and 68.5 ppb, followed by the city of Lakewood at 25.8 ppb, exceeding the State and Federal MCL of 10 ppb.

Figure 3 below shows percentages of facilities found positive and negative for presence of arsenic. Facilities are grouped by the concentration of arsenic detected. 83.7% of County facilities were found positive for presence of arsenic. 48.1% had concentrations between 1.0 ppb to 1.99 ppb; 35.2% had concentrations from 2.0 ppb to 10.0 ppb; 0.4% had concentrations higher than 10.0 ppb.

Fig. 3. Distribution of Arsenic in County Facilities County-Wide



LEAD

I. Detection Limit

The detection limit for lead by ICP-MS using EPA Method 200.8 was **1.0 ppb** (ug/l).

II. County-wide Results

Table 8 summarizes the overall results of analyses for lead for this study. Two hundred forty (240) of the 765 facilities tested (31.4%) were found to have presence of lead in concentrations from 1 to 26.7 ppb. **One facility sampled was found to have a lead concentration higher than the State and Federal action standard of 15 ppb.** Lead contamination was likely due to pipe corrosion.

(See Attachment A for lead analysis results of individual facilities.)

Table 8. County-Wide Results

Contaminant	Detection Limit (ppb)	Facilities/Samples Exceeding Detection Limit (1.0 ppb)	% Positive Presence	Facilities/Samples Exceeding Action Standard	%Facilities/Samples Exceeding Action Standard
Lead	1.00	240	31.4%	1	0.1%

Table 9. Percentage Ranking By City of County Facilities with Lead Levels Above Detection Limit

CITY	Total Number of Facilities	Facilities with Lead Above Detection Limit (> 1.0 ppb)	% of Facilities With Detectable Levels
Angeles National Forest	1	1	100%
Bell	1	1	100%
Hollywood	1	1	100%
La Mirada	3	3	100%
Leona Valley	1	1	100%
Maywood	1	1	100%
Montebello	2	2	100%
Newhall	1	1	100%
Valencia	1	1	100%
Walnut	5	5	100%
Westchester	1	1	100%
Bell Gardens	4	3	75%
Paramount	4	3	75%
Baldwin Park	6	4	67%
Gardena	3	2	67%
Lennox	3	2	67%

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South El Monte	6	4	67%
Inglewood	5	3	60%
San Dimas	10	6	60%
San Fernando	5	3	60%
Saugus	5	3	60%
Torrance	9	5	56%
Artesia	2	1	50%
Cudahy	2	1	50%
La Crescenta	8	4	50%
Lawndale	8	4	50%
Monrovia	2	1	50%
North Hollywood	2	1	50%
Panorama City	2	1	50%
Pearblossom	2	1	50%
Pico Rivera	8	4	50%
Playa Del Rey	4	2	50%
Pomona	18	9	50%
Santa Clarita	14	7	50%
Tujunga	2	1	50%
West Hollywood	2	1	50%
Whittier	20	9	45%
Hawthorne	7	3	43%
La Puente	7	3	43%
Pacoima	7	3	43%
South Gate	7	3	43%
Bellflower	5	2	40%
Lynwood	5	2	40%
Temple City	5	2	40%
West Covina	5	2	40%
Downey	11	4	36%
El Monte	20	7	35%
Acton	3	1	33%
Agoura Hills	3	1	33%
Alhambra	3	1	33%
Covina	3	1	33%
Diamond Bar	3	1	33%
La Verne	6	2	33%
Monterey Park	6	2	33%
Quartz Hill	3	1	33%
Santa Fe Spring	3	1	33%
Sylmar	6	2	33%
Los Angeles	145	48	33%
Marina Del Rey	10	3	30%
San Pedro	7	2	29%
Lancaster	33	9	27%
East Los Angeles	23	6	26%
Culver City	4	1	25%
Glendora	4	1	25%
Irwindale	4	1	25%

Lake Hughes	4	1	25%
Altadena	10	2	20%
Huntington Park	5	1	20%
Norwalk	10	2	20%
Rowland Heights	5	1	20%
Van Nuys	10	2	20%
Malibu	17	3	18%
Azusa	6	1	17%
Little Rock	6	1	17%
Calabasas	8	1	13%
Lakewood	8	1	13%
Long Beach	8	1	13%
Palmdale	8	1	13%
Pasadena	8	1	13%
Redondo Beach	8	1	13%
Commerce	20	2	10%

III. Ten Facilities with Highest Concentrations of Lead

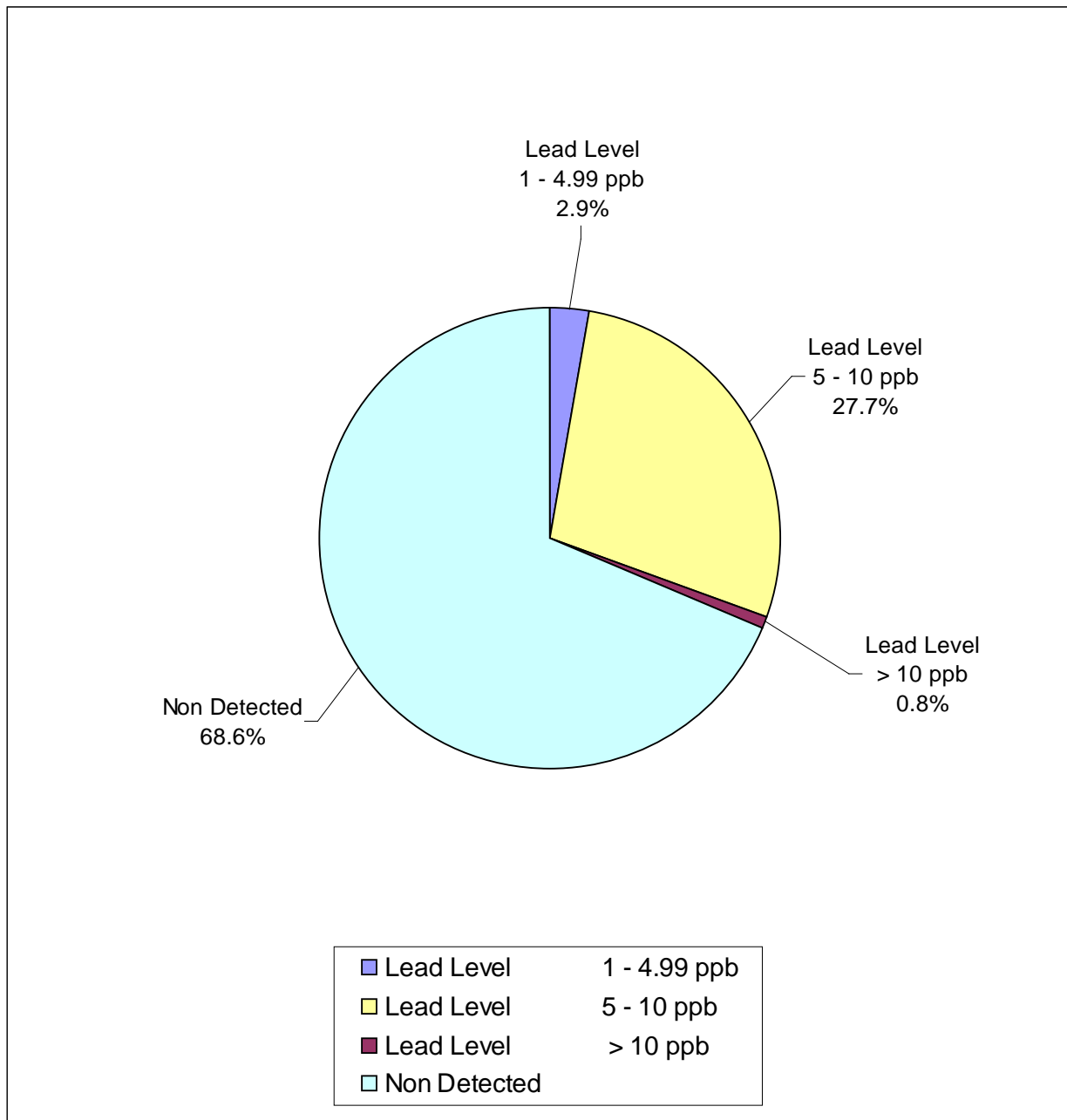
Table 10. Ten County Facilities with Highest Concentrations of Lead

City	Address	Lead (ppb)
Walnut	19868 S. Walnut Dr.	26.7
Whittier	13671 Telegraph Rd.	14.1
Angeles National Forest	26650 Angeles Forest Hwy.	11.3
Inglewood	923 E. Redondo	11.2
Los Angeles	3907 W. 54 th St.	10.9
Los Angeles	2903 S. Hope St.	10.1
Lancaster	356 E. Ave. K-4	9.93
Los Angeles	433 Bauchet St.	8.95
Covina	1373 E. Center Court Dr.	8.94
Los Angeles	2615 S. Grand Ave.	8.51

Table 10 list the ten County facilities with the highest presence of lead. Only one (1) facility, located in the City of Walnut, was found with water supplies exceeding the State and Federal action limit of 15 ppb.

Figure 4 below shows percentages of facilities found positive and negative for presence of lead. Facilities are grouped by the concentration of lead detected. 31.4% of County facilities had water supplies testing positive for presence of lead. 2.9% had concentrations between 1.0 ppb and 4.99 ppb; 27.7% had concentrations between 5.0 ppb and 10.0 ppb; 0.8% had concentrations higher than 10.0 ppb.

Fig. 4. Distribution of Lead in County Facilities County-Wide



Summary

Seven hundred sixty five (765) County facilities located in 117 cities/communities were sampled for this study. Please refer to Attachment A for the test results of each individual facility within each city/community.

Facilities in the City of Lancaster were found to have water supplies with the highest concentrations of chromium+6 and arsenic.

Table 11. Summary: County Facilities with Detectable Levels of Total Chromium, Chromium+6, Arsenic and Lead; Notable Results

	Total Positive	% Positive	Samples Exceeding Maximum Contaminant Level ('Action Level' re: Lead)	Other Considerations
Total Chromium	335***	43.8%	- 0 -	352 exceed State Public Health Goal* of 2.50 ppb
Chromium+6	333***	43.5%	No MCL Established	349 exceed OEHHA calculation** of public health risk level of 0.2 ppb
Arsenic	640***	83.7%	3	CA revised MCL downward from 50 ppb to 10 ppb in 2008
Lead	240***	31.4%	1	No MCL established – "Action Level" effectively equivalent

* 2.50 ppb (parts per billion) is the State Public Health Goal.

** No MCL established for chromium+6 - See discussion of development/review on Page 6 of report.

*** Total number shows above laboratory detection limit for reporting.

Table 11 above summarizes the overall results of our analyses. Three hundred thirty five (335) facilities (43.8% of facilities tested) were positive for total chromium above 2.5 ppb. Three hundred thirty three (333) facilities (43.5%) were positive for chromium+6 above 0.25 ppb. Six hundred forty (640) facilities (83.7%) were positive for arsenic above 1 ppb. Two hundred forty (240) facilities (31.4%) were positive for lead above 1 ppb. Only three samples of arsenic and one sample of lead exceeded the respective State and Federal Maximum Contaminant Level (MCL) or Action Level limits.

Discussion

This Follow-Up Study has been conducted ten (10) years after a similar study was completed and reported August 15, 2001. This report is not a complete evaluation of the presence and levels of arsenic, total chromium, chromium+6, and lead in the entire drinking water supply of Los Angeles County. It is intended to provide a brief overview of the levels of these trace metals in the tap water of County facilities. It's findings may serve to alert public officials and other concerned agencies about levels of distribution of arsenic, total chromium, chromium+6, and lead in the public drinking water system. Seven hundred sixty five (765) facilities were tested, representing a relatively small portion of all drinking water in Los Angeles County.

Total Chromium and Chromium+6

The study found that total chromium was detected above the detection limit of 2.5 ppb in 335 (43.8%) of the County's 765 facilities and the highest concentration found was 13.9 ppb. Chromium+6 was detected above the detection limit of 0.25 ppb in 333 facilities (43.5%). The highest concentration found was 12.2 ppb. In most samples showing presence of both total chromium (greater than 2.5 ppb) and chromium+6 (greater than 0.25 ppb), chromium+6 comprised at least 50% of the total chromium. This confirmed the recent finding of State DPH that the Chromium+6 to total chromium ratio of ground water sources ranged from 44% to 100% [6].

The study found that all total chromium detected was below the current State standard of 50 ppb. However, 43.8% of the facilities tested above the State Public Health Goal (PHG) of 2.5 ppb for total chromium and 43.5% exceeded 0.2 ppb for chromium+6. As discussed early in this report, the California Department of Public Health, Office of Environmental Health Hazard Assessment (OEHHA) has been examining the establishment of an MCL or Public Health Goal (PHG) for Chromium +6 for many years, but no officially adopted standard is in place. The highest concentration of total chromium and chromium+6 was found in Lancaster.

Results of this study confirm State DPH data that there exists total chromium and chromium+6 contamination in the drinking water supply. The study also demonstrates that the ratio of chromium+6 to total chromium is not constant at 7.2% but, rather, may fluctuate anywhere from <10% to 88%. These results may raise questions regarding the State PHG of 2.5 ppb for total chromium set by the OEHHA, as the State PHG was based on the assumption that, at 2.5 ppb of total chromium, the public's exposure to chromium+6 would be less than 0.2 ppb. The results of the County's study indicate that water containing 2.5 ppb total chromium may potentially provide for exposure of water consumers to chromium +6 levels as high as 2 ppb. It is noteworthy that such is more than ten times higher than the 0.2 ppb that OEHHA has suggested would protect the public from health risks.

Arsenic

The Environmental Toxicology Laboratory's detection limit for arsenic is 1.0 ppb. Eighty three percent (83%) of all County facilities were found to have water supplies with a presence of arsenic above the detection limit. The highest concentration of arsenic found was 70.4 ppb. US EPA has set the standard for arsenic in drinking water at 10 ppb.

Three facilities (0.4%) were found to have drinking water with arsenic at levels above the US EPA standard of 10 ppb. Two of these facilities are located in Lancaster and one facility is located in Lakewood.

Lead

The Environmental Toxicology Laboratory's detection limit for lead is 1.0 ppb. Thirty one percent (31%) of all County facilities were found to have water supplies with a presence of lead above the detection limit of 1 ppb.

Only one (1) facility was found to have drinking water with a lead concentration higher than the State and Federal action level of 15 ppb, with an analysis result of 26.7 ppb.

Recommendations

Arsenic, total chromium, chromium+6, and lead in drinking water have been represented as having the potential to present serious health issues. Very little is known about chromium+6, except that it has been known to cause adverse health effects including cancer, DNA damage and dermal irritations. The scientific community lacks information about the human health effects of low levels of chromium+6 found in drinking water. State regulators have little information in regard to what the extent the overall water supply is contaminated with chromium+6. There is substantial evidence regarding the adverse effects of high levels of arsenic and lead to human health.

With the many uncertainties, no conclusion can be made about the safety of the drinking water supply in Los Angeles County, nor the State as a whole based on this report. Furthermore, the Department of Agricultural Commissioner/Weights and Measures (ACWM) does not possess the medical or health assessment capabilities or qualifications to draw such conclusions and emphasizes that none are presented or implied. To that end, this report concludes with suggested courses of actions for the ACWM Environmental Toxicology Bureau and Los Angeles County.

The Department and its Environmental Toxicology Bureau is prepared for, and supportive of, any and all actions that will be required by the Board in monitoring and regulating the levels of arsenic, total chromium, chromium+6, and lead in the drinking water supply with the provision of appropriate fiscal resources. Support would include the collection and testing of water samples from all County drinking water systems and, as needed, coordination with the Department of Public Health, for access to well water systems under its jurisdiction, and coordination with applicable water suppliers and purveyors.

It is recommended that Los Angeles County establish a program and system to regularly monitor the drinking water supply for arsenic, total chromium, chromium+6, and lead. Those facilities found to be positive for chromium+6 and those facilities that contain total chromium, arsenic, or lead in excess of established State and/or Federal standard should be monitored on an increased frequency.

Cities may be asked to annually test their water supply for arsenic, total chromium, chromium+6, and lead, and encouraged to report the results to their residents and consumers.

References

- [1] W.G. Bryson and C.M. Goodall. Differential Toxicity and Clearance Kinetics of Chromium (III) or (VI) in Mice. *Carcinogenesis* 4(2), 1983.
- [2] Andrew Eaton, Lenore Clesceri and Arnold Greenberg, editors. *Standard Methods for the Examination of Water and Wastewater*, 19th edition. APHA, AWWA and WEF, 1995.
- [3] S.A. Katz. *The Analytical Biochemistry of Chromium*. *Environmental Health Perspectives* 92, 1991.
- [4] S.A. Katz and H. Salem. The Toxicology of Chromium with Respect to its Chemical Speciation: A Review. *Journal of Applied Toxicology* 13(3), 1993.
- [5] P. Venier, A. Montaldi, F. Majone, V. Bianchi and A.G. Levis. Cytotoxic, Mutagenic and Clastogenic Effects of Industrial Chromium Compounds. *Carcinogenesis* 3(11), 1982.
- [6] <http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Chromium6.aspx>
- [7] <http://www.cdph.ca.gov/programs/Pages/DDWEM.aspx/chemicals/PHGs/phgindex.htm>
- [8] <http://water.epa.gov/drink/index.cfm>
- [9] <http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Arsenic.aspx>

ATTACHMENT A

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
1533 W Sierra Hwy.	Acton	1.17	ND	1.23	ND
30500 Arrastre Cyn. Rd.	Acton	1.95	ND	ND	ND
8800 W Soledad Cyn. Rd.	Acton	1.48	5.55	ND	ND
27050 W Agoura Rd.	Agoura	3.07	ND	ND	ND
29525 W Agoura Rd.	Agoura Hills	2.90	ND	ND	ND
29773 W Mulholland Hwy.	Agoura Hills	3.12	ND	1.50	ND
4206 N Cornell Rd.	Agoura Hills	3.36	ND	ND	ND
10700 W Escondido Cyn. Rd.	Agua Dulce	1.47	4.59	ND	1.03
8710 Sierra Hwy.	Agua Dulce	ND	ND	ND	ND
1000 S Fremont Ave.	Alhambra	1.85	4.55	4.02	1.21
150 W Commonwealth Ave.	Alhambra	ND	5.63	ND	3.55
900 S Fremont Ave.	Alhambra	1.64	4.75	ND	2.56
1456 E Mendocino St.	Altadena	1.97	2.55	1.43	0.51
252 W Mountain View	Altadena	1.11	2.66	ND	ND
2521 N El Molino Ave.	Altadena	1.89	ND	ND	ND
2565 N El Molino Ave.	Altadena	1.91	ND	ND	ND
2760 N Lincoln Ave.	Altadena	1.05	2.97	ND	0.33
3330 N Lincoln Ave.	Altadena	1.29	ND	2.75	ND
560 E Mariposa St.	Altadena	1.95	ND	ND	ND
568 E Mount Curve Ave.	Altadena	1.46	2.65	ND	1.07
77 W Mountain View	Altadena	1.33	2.80	ND	ND
780 E Altadena Dr.	Altadena	1.92	ND	ND	ND
26650 Angeles Forest Hwy off Mount Gleason	Angeles National Forest	ND	ND	11.30	ND
12300 Lower Azusa Rd.	Arcadia	1.48	3.46	ND	2.81
125 Baldwin Ave.	Arcadia	1.26	6.19	ND	2.90
301 N Baldwin Ave.	Arcadia	2.08	9.95	ND	6.93
330 E Live Oak Ave.	Arcadia	ND	2.66	ND	0.73
405 S Santa Anita Ave.	Arcadia	ND	4.59	ND	1.58
4153 E Live Oak Ave.	Arcadia	ND	2.68	ND	0.74
18722 S Clarkdale Ave.	Artesia	3.33	3.03	1.08	0.60
18747 S Clarkdale Ave.	Artesia	3.27	3.33	ND	0.75
150 N Azusa Ave.	Azusa	3.18	ND	ND	ND
18453 E Sierra Madre Ave.	Azusa	2.56	ND	ND	ND
18867 E Armstead Ave.	Azusa	1.89	ND	ND	ND
22500 E Fork Rd.	Azusa	3.33	ND	ND	ND
5525 N Lark Ellen Ave.	Azusa	1.47	ND	2.53	ND
605 N Angeleno Ave.	Azusa	3.33	ND	ND	ND
14334 E Los Angeles St.	Baldwin Park	1.89	3.08	2.14	0.28
14514 E Central Ave.	Baldwin Park	1.48	2.74	3.39	0.45
14747 Ramona Blvd.	Baldwin Park	1.85	3.17	ND	0.32
265 Clovereaf Dr.	Baldwin Park	2.77	6.93	7.24	2.96
4181 Baldwin Park	Baldwin Park	2.12	3.14	1.35	0.30
4275 Elton Ave.	Baldwin Park	2.11	3.22	ND	0.32
6320 Pine Ave.	Bell	2.76	ND	1.23	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
4411 E Gage Ave.	Bell Gardens	ND	2.79	1.83	ND
7000 Garfield Ave.	Bell Gardens	2.19	ND	ND	0.43
6912 Ajax Ave.	Bell Gardens	1.59	3.34	4.77	0.58
7110 Garfield Ave.	Bell Gardens	2.59	ND	1.39	0.46
10005 E Flower St.	Bellflower	2.61	ND	ND	0.32
10025 E Flower St.	Bellflower	2.48	3.68	ND	0.91
16615 Bellflower Blvd.	Bellflower	3.53	4.09	1.18	0.71
9548 E Flower St.	Bellflower	3.08	3.43	1.15	0.53
9945 E Flower St.	Bellflower	2.77	3.37	ND	0.90
1008 Elden Way	Beverly Hills	2.77	ND	ND	ND
9355 Burton Way	Beverly Hills	2.56	ND	ND	ND
1101 W Magnolia Blvd.	Burbank	1.96	5.44	ND	3.07
2501 W Burbank Ave.	Burbank	2.13	4.81	ND	3.12
300 E Olive Ave.	Burbank	1.61	5.94	ND	3.49
3307 N Glenoaks Blvd.	Burbank	2.13	6.24	ND	3.22
1301 N Las Virgenes Rd.	Calabasas	4.19	ND	ND	ND
24130 Calabasas Rd.	Calabasas	3.24	ND	ND	ND
25801 Piuma Rd.	Calabasas	3.43	ND	ND	ND
4111 N Las Virgenes Rd.	Calabasas	3.50	ND	ND	ND
5100 Parkville	Calabasas	2.67	ND	ND	ND
5215 N Las Virgenes Rd.	Calabasas	3.54	ND	ND	ND
884 N Las Virgenes Rd.	Calabasas	2.37	ND	5.72	ND
942 N Las Virgenes Rd.	Calabasas	3.51	ND	ND	ND
1500 S McDonell Ave.	Commerce	1.41	ND	ND	ND
2327 S Saybrook Ave	Commerce	2.10	ND	ND	0.40
2535 Commerce Way	Commerce	1.21	3.56	ND	1.59
2700 Garfield Ave.	Commerce	6.95	ND	ND	ND
4900 S Eastern Ave.	Commerce	3.20	ND	ND	0.29
5300 Harbor St.	Commerce	1.07	3.23	ND	0.65
5500 S Eastern Ave.	Commerce	3.61	2.88	1.52	0.51
5555 Ferguson Dr.	Commerce	ND	3.48	ND	0.64
5701 S Eastern Ave.	Commerce	3.19	ND	ND	0.52
5747 Rickenbacker Rd.	Commerce	2.82	ND	ND	0.48
5770 Rickenbacker Rd.	Commerce	2.80	ND	ND	0.47
5801 S Eastern Ave.	Commerce	3.02	ND	ND	0.70
5823 Rickenbacker Rd.	Commerce	2.83	ND	ND	0.47
5825 Rickenbacker Rd.	Commerce	3.06	ND	ND	0.50
5828 Rickenbacker Rd.	Commerce	3.05	ND	ND	0.51
5835 S Eastern Ave.	Commerce	3.25	ND	ND	0.52
5895 Rickenbacker Rd.	Commerce	3.04	ND	ND	0.45
5900 S Eastern Ave. Bldg.#16	Commerce	3.49	ND	1.47	ND
6031 Rickenbacker Rd.	Commerce	2.98	ND	ND	0.41
928 S Gerhart Ave.	Commerce	2.22	ND	ND	ND
14812 Stanford Ave.	Compton	2.15	ND	ND	ND
18915 S Santa Fe Ave.	Compton	ND	ND	ND	ND
200 W Compton Blvd.	Compton	4.99	ND	ND	ND
211 E Alondra Blvd.	Compton	3.90	ND	ND	ND
201 Arcacia Ave.	Compton	3.18	ND	ND	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
240 W Compton	Compton	5.16	3.21	ND	ND
4513 E Compton Blvd.	Compton	2.12	ND	ND	ND
901 W Alondra Blvd.	Compton	ND	ND	ND	ND
921 E Compton Blvd.	Compton	5.06	ND	ND	ND
1373 E Center Court Dr.	Covina	1.65	ND	8.94	ND
20261 E Covina Blvd.	Covina	ND	2.60	ND	ND
20540 E Arrow Hwy.	Covina	1.01	2.65	ND	ND
5218 Santa Ana St.	Cudahy	1.79	ND	2.85	0.58
8130 S Atlantic Ave.	Cudahy	1.45	ND	ND	0.64
11236 Playa Ct.	Culver City	3.43	ND	2.43	ND
4975 Overland Ave.	Culver City	4.19	ND	ND	0.28
6053 Bristol Pkwy.	Culver City	3.58	ND	ND	0.25
6120 Bristol Pkwy.	Culver City	2.93	ND	ND	ND
1051 S Grand Ave.	Diamond Bar	ND	ND	ND	ND
1061 S Grand Ave.	Diamond Bar	1.01	ND	1.71	ND
22751 E Golden Springs Dr.	Diamond Bar	ND	ND	ND	ND
11282 Garfield Ave.	Downey	3.53	4.75	ND	0.64
12727 Norwalk Blvd.	Downey	1.70	ND	ND	0.32
13001 Dahlia Ave.	Downey	7.60	4.71	ND	0.49
7281 E Quill Dr.	Downey	3.36	4.74	ND	0.49
12750 Erickson St.	Downey	4.28	4.94	1.43	0.59
7400 E Imperial Hwy.	Downey	2.23	4.67	ND	0.92
7500 E Imperial Hwy.	Downey	2.42	5.13	ND	0.98
7601 E Imperial Hwy.	Downey	2.09	5.11	8.23	1.52
7717 Golondrias St.	Downey	3.96	4.60	1.01	0.51
9150 E Imperial Hwy.	Downey	2.10	5.19	1.12	0.43
9230 E Imperial Hwy.	Downey	1.84	4.64	ND	ND
1042 Huntington Dr.	Duarte	2.20	4.40	ND	0.60
1105 S Highland	Duarte	1.93	3.88	ND	ND
1301 Buena Vista Ave.	Duarte	2.18	3.76	ND	ND
2236 Goodall Ave.	Duarte	1.53	3.18	ND	0.31
133 N Sunol Dr.	East Los Angeles	1.97	ND	ND	ND
1525 Alcazar St.	East Los Angeles	ND	ND	1.25	ND
1537 Alcazar St.	East Los Angeles	ND	ND	1.31	ND
2275 Alcazar St.	East Los Angeles	ND	ND	ND	ND
245 S Fetterly Ave.	East Los Angeles	1.10	ND	1.00	ND
3965 E Cesar Chavez Ave.	East Los Angeles	1.67	ND	3.64	ND
4021 E 1st St.	East Los Angeles	1.90	ND	ND	ND
4264 E Whittier Blvd.	East Los Angeles	1.48	ND	ND	ND
4304 Eugene St.	East Los Angeles	1.32	2.60	2.50	ND
4549 Telegraph Rd.	East Los Angeles	ND	3.54	ND	ND
4716 E Cesar Chavez Ave.	East Los Angeles	1.31	2.77	ND	ND
4824 Civic Center Way	East Los Angeles	1.48	ND	ND	ND
4837 E 3rd St.	East Los Angeles	1.53	ND	ND	ND
4837 E 3rd St.	East Los Angeles	1.53	ND	ND	ND
4848 E. Civic Center Way	East Los Angeles	1.39	ND	ND	ND
4849 Civic Center Way	East Los Angeles	1.42	ND	1.08	ND
4914 Cesar Chavez Ave.	East Los Angeles	1.88	ND	ND	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
5019 E 3rd St.	East Los Angeles	1.49	ND	ND	0.25
5127 E Olympic Blvd.	East Los Angeles	ND	3.70	ND	ND
570 S Atlantic Ave.	East Los Angeles	1.44	10.50	ND	ND
6300 E Northside Dr.	East Los Angeles	1.14	ND	ND	ND
749 S Belden Ave.	East Los Angeles	1.35	ND	ND	ND
930 E Eastern Ave.	East Los Angeles	1.21	4.00	ND	0.53
10115 Rush Ave.	El Monte	1.94	4.44	4.10	2.29
10953 Ramona Blvd.	El Monte	1.52	4.52	ND	1.80
11234 Valley Blvd.	El Monte	1.95	4.36	2.61	1.73
12251 E Magnolia St.	El Monte	2.92	6.78	ND	4.30
1441 Santa Anita Ave.	El Monte	2.58	6.80	ND	3.18
3017 N Tyler Ave.	El Monte	1.49	4.02	ND	1.78
3220 Rosemead Blvd.	El Monte	ND	9.65	1.14	8.17
3224 N Tyler Ave.	El Monte	1.55	3.23	ND	1.52
3350-52 Aerojet Ave	El Monte	ND	9.41	ND	8.24
3401 Rio Hondo Ave.	El Monte	ND	9.97	ND	8.57
3615 Santa Anita Ave.	El Monte	1.54	4.22	ND	1.79
4001 N Santa Anita Ave.	El Monte	ND	4.37	2.08	2.14
4015 N Santa Anita Ave	El Monte	1.08	4.69	1.97	2.30
4024 N Durfee Ave.	El Monte	1.02	2.70	1.28	0.82
4233 N Santa Anita Ave	El Monte	1.14	4.57	ND	2.41
4550 N Peck Rd.	El Monte	1.62	3.32	1.00	0.90
5110 N Peck Rd.	El Monte	1.03	3.58	ND	1.11
5112 N Peck Rd.	El Monte	1.30	4.76	ND	2.43
9040 Telstar Ave.	El Monte	ND	9.48	ND	8.20
9320 Telestar Ave.	El Monte	ND	9.47	ND	8.26
15531 Ventura Blvd.	Encino	3.01	ND	ND	ND
137 W Redondo Beach Blvd.	Gardena	2.64	ND	3.03	ND
14112 S Kingsley Dr.	Gardena	ND	ND	7.37	ND
14433 S Crenshaw Blvd.	Gardena	ND	2.58	ND	ND
1600 Brand Park Dr.	Glendale	ND	ND	ND	ND
4680 San Fernando Rd.	Glendale	1.84	5.24	ND	3.89
501 N Glendale Ave.	Glendale	1.69	6.03	ND	4.31
600 E Broadway	Glendale	1.66	6.14	ND	4.51
161 N Valencia St.	Glendora	2.33	2.79	ND	ND
231 W Mountain View Ave.	Glendora	2.48	3.13	ND	ND
520 S Amelia Ave.	Glendora	2.23	2.96	ND	ND
650 E Gladstone St.	Glendora	2.87	2.96	2.33	ND
46855 N Peace Valley Rd.	Gorman	4.36	4.67	ND	0.38
49819 Gorman Port Rd.	Gorman	2.19	4.97	ND	0.84
12040 Balboa Blvd.	Granada Hills	3.16	ND	ND	ND
14906 E Los Robles Ave.	Hacienda Heights	1.36	5.18	ND	1.73
1545 S Stimson Ave.	Hacienda Heights	1.54	6.54	ND	3.25
16010 E La Monde St.	Hacienda Heights	1.42	6.67	ND	3.50
1747 S Kwis Ave.	Hacienda Heights	1.09	5.18	ND	1.98
2691 S Turnbull Cyn. Rd.	Hacienda Heights	ND	5.79	ND	2.42
12100 E Carson	Hawaiian Gardens	4.55	3.48	ND	ND
21207 Norwalk Blvd.	Hawaiian Gardens	4.74	3.21	ND	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
22310 Wardham Ave.	Hawaiian Gardens	4.74	3.18	ND	ND
11539 S Hawthorne Blvd.	Hawthorne	2.50	ND	1.43	ND
12601 S Isis	Hawthorne	2.19	ND	ND	ND
12700 S Grevillea Ave.	Hawthorne	2.76	ND	4.71	ND
14900 S Yukon Ave.	Hawthorne	ND	2.70	2.81	ND
2311 W El Segundo Blvd.	Hawthorne	2.77	ND	ND	ND
4475 W. El Segundo Blvd.	Hawthorne	2.63	ND	ND	ND
5335 W 135th St.	Hawthorne	2.55	ND	ND	ND
1201 The Strand	Hermosa Beach	2.08	ND	ND	ND
550 Pier Ave.	Hermosa Beach	2.15	ND	ND	ND
5925 Hollywood Blvd.	Hollywood	2.72	ND	1.32	0.26
3255 Saturn Ave.	Huntington Park	2.19	3.39	ND	1.21
6301 Santa Fe Ave.	Huntington Park	2.17	ND	ND	ND
6518 Miles Ave.	Huntington Park	2.25	2.71	ND	0.68
6538 Miles Ave.	Huntington Park	2.68	2.72	ND	0.64
6548 Miles Ave.	Huntington Park	2.72	2.80	1.35	0.67
110 E Regent St.	Inglewood	3.34	2.70	1.10	0.32
123 W Manchester	Inglewood	2.87	3.03	2.22	ND
141 W Regent St.	Inglewood	3.36	ND	ND	0.29
923 E Redondo	Inglewood	1.81	3.90	11.20	ND
One Regent St.	Inglewood	3.25	ND	ND	ND
15501 E Arrow Hwy.	Irwindale	1.73	2.69	1.00	0.49
15546 E Arrow Hwy.	Irwindale	1.73	2.80	ND	0.50
160 E Longden Ave.	Irwindale	ND	ND	ND	0.76
2849 Myrtle Ave.	Irwindale	ND	2.55	ND	0.76
1327 Foothill Blvd.	La Canada	1.85	ND	ND	ND
4545 N Oakwood Ave.	La Canada	1.89	ND	ND	ND
4810 N Oak Grove Dr.	La Canada	1.22	ND	ND	0.58
1414 Descanse Dr.	La Crescenta	2.09	ND	ND	ND
1729 Foothill	La Crescenta	1.90	ND	ND	ND
352 Foothill	La Crescenta	2.11	ND	ND	ND
3916 Dunsmon Ave.	La Crescenta	1.32	ND	1.06	ND
4521 La Crescenta Ave.	La Crescenta	1.58	ND	2.38	0.26
4526 Ramsdell Ave.	La Crescenta	1.42	ND	ND	0.31
4554 N Briggs Ave.	La Crescenta	1.49	ND	1.87	0.32
5107 Rosemont Ave.	La Crescenta	1.36	ND	1.01	0.33
13800 La Mirada Blvd.	La Mirada	3.16	3.36	1.26	1.27
13820 S La Mirada Blvd.	La Mirada	2.27	4.04	3.30	ND
15501 E Alicale Rd.	La Mirada	2.33	4.78	4.21	1.03
14830 E Giordano St.	La Puente	1.60	13.00	ND	9.94
15336 E Elliott Ave.	La Puente	1.34	11.20	4.08	9.50
15930 E Central Ave.	La Puente	1.75	5.85	ND	3.11
16005 E Central Ave.	La Puente	ND	2.82	ND	ND
245 S San Argelo Rd.	La Puente	2.88	9.08	5.50	4.49
510 N Vineland Ave.	La Puente	2.32	8.48	ND	5.42
840 N Puente Ave.	La Puente	ND	3.19	1.82	ND
3640 D St.	La Verne	ND	ND	2.27	ND
6100 N Stephens Ranch Rd.	La Verne	ND	ND	1.30	0.59

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
6550 N Stephens Ranch Rd.	La Verne	ND	ND	ND	ND
6555 N Stephens Ranch Rd.	La Verne	1.20	ND	ND	ND
6601 N Stephens Ranch Rd.	La Verne	1.12	ND	ND	ND
6631 N Stephens Ranch Rd.	La Verne	1.21	ND	ND	ND
17021 Elizabeth Lake Rd.	Lake Hughes	ND	13.90	2.24	ND
38200 N Lake Hughes Rd.	Lake Hughes	ND	5.52	ND	ND
42220 N Lake Hughes Rd.	Lake Hughes	ND	7.38	ND	ND
42230 N Lake Hughes Rd.	Lake Hughes	ND	6.99	ND	ND
16921 E Ave. O	Lake Los Angeles	ND	10.40	ND	9.05
39939 170th St.	Lake Los Angeles	1.26	12.10	ND	11.20
40235 N 179th St. E	Lake Los Angeles	1.06	12.30	ND	11.70
2600 Greenmeadow Rd.	Lakewood	25.80	3.87	ND	ND
3101 E Carson Ave.	Lakewood	6.97	3.10	ND	ND
4020 E Candlewood St.	Lakewood	7.94	5.25	ND	ND
4060 Watson Plaza Dr.	Lakewood	6.97	3.65	ND	ND
4090 Clark Ave.	Lakewood	5.05	3.90	ND	0.38
5130 Clark Ave.	Lakewood	4.90	4.73	ND	0.40
6421 E Turnergrove Dr.	Lakewood	7.77	3.68	ND	ND
6600 Del Amo Blvd.	Lakewood	8.12	4.21	1.24	ND
1010 W Ave. J	Lancaster	ND	ND	ND	ND
1101 W Ave J	Lancaster	2.58	ND	ND	ND
18348 W Ave D	Lancaster	68.50	6.30	1.02	3.49
251 E Ave. K-6	Lancaster	1.54	ND	ND	ND
260 E. Ave. K-8	Lancaster	ND	ND	ND	ND
321 E Ave K-4	Lancaster	1.20	ND	ND	ND
335 Ave. K-6	Lancaster	1.32	ND	ND	ND
346 E Ave. K-6	Lancaster	1.06	ND	ND	ND
350 E Ave. K-4	Lancaster	1.42	ND	ND	ND
354 E Ave. K-4	Lancaster	1.65	ND	2.28	ND
356 E Ave. K-4	Lancaster	3.10	ND	9.93	ND
419 W Ave J	Lancaster	2.01	ND	1.05	ND
42110 N 60th W	Lancaster	ND	ND	ND	ND
43770 N 15th St.	Lancaster	ND	ND	ND	ND
44558 N 40th W	Lancaster	2.16	12.30	ND	11.90
44720 Yucca Ave.	Lancaster	1.56	3.52	ND	2.57
44806 N Cedar Ave.	Lancaster	1.13	ND	ND	ND
44851 30th St. E	Lancaster	1.33	ND	ND	ND
44900 N 60th W	Lancaster	4.15	6.06	ND	4.18
45021 N Sierra Hwy.	Lancaster	3.21	5.93	1.01	4.64
45100 N 60th W	Lancaster	4.02	5.69	1.00	4.28
45120 N 60th W	Lancaster	4.52	6.37	ND	4.20
45150 N 60th W	Lancaster	4.43	6.22	ND	4.16
45153 N 60th W	Lancaster	4.29	7.28	ND	4.13
45712 N Division Ave.	Lancaster	1.76	ND	3.32	ND
46809 N 70th St. West	Lancaster	ND	7.67	2.11	4.49
501 W Lancaster Blvd.	Lancaster	1.41	ND	ND	ND
5210 W Ave I	Lancaster	4.12	5.44	ND	4.15
5300 W Ave I	Lancaster	70.40	12.90	ND	12.20

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
601 W Lancaster Ave.	Lancaster	1.42	ND	ND	ND
777 W Jackman St.	Lancaster	1.06	ND	ND	ND
9020 W Ave J	Lancaster	1.30	3.09	ND	1.11
936 W Ave J-4	Lancaster	1.51	ND	2.61	ND
14615 Burin Ave.	Lawndale	1.06	3.24	1.13	ND
14616 Grevillea Ave.	Lawndale	ND	3.51	ND	ND
14717 S Burin Ave.	Lawndale	ND	3.08	ND	ND
15331 S Prairie Ave.	Lawndale	ND	2.90	1.31	ND
16400 S Prairie Ave.	Lawndale	ND	2.65	ND	ND
3612 Manhattan Beach Blvd.	Lawndale	ND	2.83	ND	ND
4055 W Marine Ave.	Lawndale	ND	3.42	1.22	ND
4312 W 147th St.	Lawndale	ND	3.38	1.40	ND
10828 S Condon Ave.	Lennox	2.24	3.25	ND	ND
4359 Lennox Blvd.	Lennox	1.73	3.05	1.70	ND
4518 Lennox Blvd.	Lennox	2.09	3.63	2.33	ND
8723 Elizabeth Lake Rd.	Leona Valley	1.01	ND	5.42	ND
33922 N 121st St. E	Littlerock	ND	4.12	ND	2.09
35119 80th St. E	Littlerock	ND	4.30	ND	2.20
7826 Pearblossom Hwy.	Littlerock	ND	4.71	ND	2.22
8505 E Ave. T	Littlerock	ND	5.01	2.42	2.67
8773 E Ave. R	Littlerock	1.49	3.44	ND	1.50
8905 E Ave. U	Littlerock	ND	4.91	ND	2.79
24200 Narbonne Ave.	Lomita	3.28	ND	ND	ND
24300 Narbonne Ave.	Lomita	3.29	ND	ND	ND
24320 Narbonne Ave.	Lomita	3.13	ND	ND	ND
25517 Narbonne Ave.	Lomita	3.56	ND	ND	0.28
100 Magnolia St.	Long Beach	1.39	ND	ND	ND
1333 Chestnut Ave.	Long Beach	1.28	ND	ND	ND
1975 Long Beach Blvd.	Long Beach	1.22	ND	ND	ND
3235 Lakewood Blvd.	Long Beach	2.21	ND	1.72	ND
333 W Broadway	Long Beach	1.25	ND	ND	ND
415 W Ocean Blvd.	Long Beach	1.29	ND	ND	ND
5898 Cherry Ave.	Long Beach	2.42	ND	ND	ND
881 Iroquois Ave.	Long Beach	1.31	ND	ND	ND
1011 W. Browning Blvd.	Los Angeles	3.08	ND	ND	ND
1045 W 126th St.	Los Angeles	ND	ND	ND	ND
105 E El Segundo Blvd.	Los Angeles	2.83	3.63	1.30	ND
1055 N Alameda St.	Los Angeles	2.93	2.81	2.35	ND
1055 Wilshire Blvd.	Los Angeles	2.35	ND	ND	0.44
10728 S Central	Los Angeles	ND	ND	ND	ND
110 N Grand Ave.	Los Angeles	3.08	2.65	ND	0.50
1100 N Eastern Ave.	Los Angeles	1.73	ND	ND	ND
1102 N Eastern Ave.	Los Angeles	2.18	ND	1.65	ND
1102 N Mission Rd.	Los Angeles	1.68	ND	ND	ND
1104 N Eastern Ave.	Los Angeles	1.10	ND	1.20	ND
1104 N Mission Rd.	Los Angeles	1.23	ND	ND	ND
1106 N Eastern Ave.	Los Angeles	1.78	ND	ND	ND
1108 N Eastern Ave.	Los Angeles	1.63	ND	ND	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
111 N Hill St.	Los Angeles	2.75	ND	ND	0.50
1110 N Eastern Ave.	Los Angeles	2.06	ND	ND	ND
1112 N Eastern Ave.	Los Angeles	1.97	ND	3.36	ND
1126 N Hazard Ave.	Los Angeles	1.53	ND	ND	ND
1129 E 59th St.	Los Angeles	1.21	ND	ND	0.44
1150 N San Fernando Rd.	Los Angeles	3.09	ND	4.79	ND
11836 S Wilmington Ave	Los Angeles	1.03	ND	ND	0.45
11838 S Wilmington	Los Angeles	1.36	ND	ND	ND
11911 S Vermont Ave.	Los Angeles	ND	3.25	1.60	ND
12012 S Compton	Los Angeles	1.97	ND	ND	ND
12021 S Wilmington	Los Angeles	1.40	ND	1.02	ND
1237 N Mission Rd.	Los Angeles	1.31	ND	ND	ND
1240 N Mission Rd.	Los Angeles	1.40	ND	3.10	ND
1244 E 61st St.	Los Angeles	1.68	ND	ND	ND
12603 S Broadway	Los Angeles	1.63	ND	3.03	ND
1275 N Eastern Ave.	Los Angeles	1.68	ND	ND	ND
1277 N Eastern Ave.	Los Angeles	1.39	ND	ND	ND
12829 S Jarvis Ave.	Los Angeles	2.65	ND	ND	ND
12915 S Jarvis Ave.	Los Angeles	2.63	ND	ND	ND
1300 N Mission Rd.	Los Angeles	1.15	ND	ND	ND
1303 N Mission Rd.	Los Angeles	1.43	ND	ND	ND
13055 Clovis Ave.	Los Angeles	2.42	ND	ND	ND
1310 W Imperial Hwy.	Los Angeles	ND	3.15	ND	ND
1320 E Olympic Blvd.	Los Angeles	3.03	ND	ND	ND
1320 N Eastern Ave.	Los Angeles	ND	ND	1.12	ND
1320 W Imperial Hwy.	Los Angeles	1.37	3.99	3.25	ND
1330 W Imperial Hwy.	Los Angeles	1.11	3.23	ND	ND
1331 N Mission Rd.	Los Angeles	1.52	ND	ND	ND
1335 E 103rd	Los Angeles	1.01	ND	ND	ND
1340 W 106th St.	Los Angeles	1.22	ND	ND	ND
135 N Grand Ave.	Los Angeles	2.59	2.54	ND	0.45
1358 N Mission Rd.	Los Angeles	1.90	ND	1.20	0.80
1400 E 118th St.	Los Angeles	1.67	ND	2.06	ND
1401 Biggy St.	Los Angeles	2.97	ND	ND	ND
1401 W 108th St.	Los Angeles	1.61	ND	4.08	ND
1522 E 102nd St.	Los Angeles	ND	ND	3.20	ND
1601 Eastlake Ave.	Los Angeles	3.33	ND	ND	ND
1605 Eastlake Ave.	Los Angeles	3.97	ND	ND	ND
1610 W Florence Ave.	Los Angeles	1.28	5.39	ND	1.89
1633 Purdue	Los Angeles	3.83	ND	ND	ND
1635 Morengo St.	Los Angeles	3.22	2.64	ND	0.34
1720 E 120th St.	Los Angeles	1.47	ND	3.85	ND
1721 E 120th St.	Los Angeles	1.48	ND	ND	ND
1740 E Gage Ave.	Los Angeles	1.65	ND	ND	ND
1741 E 120th St.	Los Angeles	1.66	ND	ND	ND
1815 E 120th St.	Los Angeles	1.99	ND	ND	ND
1819 120th St.	Los Angeles	ND	3.27	1.25	ND
1900 E Firestone	Los Angeles	1.76	4.92	ND	0.40

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
1921 98th St.	Los Angeles	2.05	ND	1.65	0.31
1925 Daly St.	Los Angeles	2.83	ND	1.08	ND
1930 W 120th St.	Los Angeles	ND	ND	ND	ND
1945 S Hill St.	Los Angeles	2.89	ND	ND	ND
1950 Marengo St.	Los Angeles	2.42	ND	1.10	ND
201 N Figueroa St.	Los Angeles	2.54	2.53	2.50	0.42
2020 Beverly Blvd.	Los Angeles	3.84	ND	1.70	0.34
205 N Grand Ave.	Los Angeles	2.80	ND	1.07	0.29
210 W Temple St.	Los Angeles	2.25	ND	ND	ND
2120 E 90th St.	Los Angeles	1.09	ND	ND	ND
2200 N Humboldt St.	Los Angeles	2.99	ND	1.39	ND
222 N Hill St.	Los Angeles	2.74	ND	ND	0.52
225 N Hill St.	Los Angeles	2.16	3.40	ND	ND
222 N Grand Ave.	Los Angeles	1.79	ND	ND	ND
241 N Figueroa St.	Los Angeles	2.03	2.67	ND	0.46
2415 W 6th St.	Los Angeles	2.88	ND	1.03	ND
2415 W 6th St.	Los Angeles	2.90	ND	ND	ND
2601 Wilshire Blvd.	Los Angeles	2.51	ND	ND	0.46
2615 S Grand Ave.	Los Angeles	2.56	ND	ND	0.52
2615 S Grand Ave.	Los Angeles	2.94	2.53	8.51	0.48
2707 S Grand Ave.	Los Angeles	3.35	2.65	1.08	ND
2829 S Grand Ave.	Los Angeles	2.33	ND	ND	0.52
2855 E Olympic Blvd.	Los Angeles	2.87	ND	ND	ND
2903 S Hope St.	Los Angeles	1.27	ND	10.10	ND
2910 Beverly Blvd.	Los Angeles	2.56	ND	ND	ND
2916 S Hope St.	Los Angeles	3.31	ND	ND	ND
3000 W 6th St.	Los Angeles	2.80	ND	3.28	0.37
301 N Broadway	Los Angeles	1.45	3.29	ND	0.73
301 N Broadway	Los Angeles	2.67	ND	ND	0.28
301 W 1st St.	Los Angeles	2.69	ND	ND	0.28
3055 Wilshire Blvd.	Los Angeles	2.74	ND	ND	0.56
3075 Wilshire Blvd.	Los Angeles	2.74	ND	ND	0.53
313 N Figueroa St.	Los Angeles	2.87	3.38	2.54	0.62
3175 W 6th St.	Los Angeles	3.00	ND	ND	ND
320 W Temple St.	Los Angeles	1.01	2.94	1.62	ND
3301 E 1st St.	Los Angeles	1.41	ND	ND	ND
3301 E 1st St.	Los Angeles	2.00	ND	ND	0.33
360 W El Segundo Blvd.	Los Angeles	2.69	3.12	1.49	ND
3606 W Exposition	Los Angeles	3.25	ND	ND	ND
3751 Stocker St.	Los Angeles	2.85	ND	ND	ND
3833 S Vermont Ave.	Los Angeles	1.65	ND	ND	0.44
3834 S Western Ave.	Los Angeles	1.96	2.64	ND	0.45
3854 W 54th St.	Los Angeles	1.58	2.75	1.25	0.58
3864 E Whittier Blvd.	Los Angeles	1.38	ND	ND	ND
3907 W 54th St.	Los Angeles	1.23	ND	10.90	0.33
4025 E City Terrace Dr.	Los Angeles	1.39	ND	ND	ND
4077 N Mission Rd.	Los Angeles	1.23	ND	ND	ND
411 Bauchet St.	Los Angeles	1.92	3.84	ND	0.77

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
425 Shatto Pl.	Los Angeles	1.99	ND	1.42	0.43
429 Bauchet St.	Los Angeles	1.50	3.69	1.87	0.81
433 Bauchet St.	Los Angeles	1.93	3.67	8.95	0.68
433 S Vermont Ave.	Los Angeles	1.77	2.54	ND	0.41
450 Bauchet St.	Los Angeles	1.86	3.93	ND	0.78
481 Bauchet St.	Los Angeles	1.92	3.84	ND	0.77
4920 S Avalon	Los Angeles	2.07	ND	ND	ND
500 W Temple	Los Angeles	1.60	ND	1.02	ND
501 Shatto Pl.	Los Angeles	2.04	ND	ND	0.42
510 S Vermont Ave.	Los Angeles	ND	ND	6.51	ND
5100 W Goldleaf Cir. #3	Los Angeles	2.70	ND	ND	0.28
529 S Maple Ave.	Los Angeles	2.82	ND	ND	ND
5377 W Centinela Ave.	Los Angeles	2.64	ND	ND	0.25
5445 E Whittier Blvd.	Los Angeles	1.54	ND	ND	ND
550 S Vermont Ave.	Los Angeles	ND	ND	1.72	ND
5757 S Fairfax Ave.	Los Angeles	2.87	2.62	ND	0.33
5850 S Main St.	Los Angeles	1.94	ND	ND	ND
600 S Commonwealth Ave.	Los Angeles	3.05	ND	3.32	ND
6060 Wilshire Blvd.	Los Angeles	2.81	ND	1.28	ND
6067 Wilshire Blvd.	Los Angeles	2.78	ND	2.10	ND
695 S Vermont Ave.	Los Angeles	1.93	ND	ND	0.40
7116 S Makee Ave.	Los Angeles	1.59	ND	ND	ND
7217 S Mace Pl.	Los Angeles	1.49	ND	ND	0.52
7600 Graham Ave.	Los Angeles	1.52	ND	ND	0.38
7625 S Central	Los Angeles	1.61	ND	ND	0.66
7807 S Compton Ave.	Los Angeles	1.69	3.58	4.34	1.63
7901 S Compton	Los Angeles	ND	5.03	ND	1.02
8010 Compton Ave.	Los Angeles	1.50	6.55	ND	2.26
8019 S Compton	Los Angeles	1.69	4.78	1.39	1.51
813 E 4th Pl.	Los Angeles	2.69	ND	ND	ND
8526 S Grape St.	Los Angeles	3.22	4.32	1.98	ND
900 Exposition	Los Angeles	1.94	ND	ND	ND
905 E El Segundo Blvd.	Los Angeles	3.02	3.02	ND	ND
9835 Western Ave.	Los Angeles	2.25	ND	1.62	0.36
E. 120th St.(County Park and Recreation)	Los Angeles	2.30	3.04	ND	ND
11320 Bullis Rd.	Lynwood	3.31	4.96	ND	0.49
11701 S Alameda St.	Lynwood	3.33	4.90	ND	0.38
11703 S Alameda St.	Lynwood	3.10	4.45	2.34	0.36
11705 S Alameda St.	Lynwood	3.27	4.46	1.19	0.37
11707 S Mona Blvd.	Lynwood	3.21	4.62	ND	0.39
1250 S Encinal Canyon Rd.	Malibu	3.32	ND	ND	0.34
16300 Pacific Coast Highway	Malibu	3.36	ND	ND	ND
17580 Pacific Coast Hwy.	Malibu	3.60	ND	ND	ND
1900 S Rambla Pacifico	Malibu	2.33	ND	1.99	ND
23519 W Civic Center Way	Malibu	2.89	ND	ND	0.39
23720 W Malibu Rd.	Malibu	3.10	ND	ND	ND
30050 Pacific Coast Hwy.	Malibu	3.01	ND	ND	0.30

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
30100 Pacific Coast Hwy.	Malibu	3.53	ND	ND	0.33
32550 Pacific Coast Hwy.	Malibu	3.36	ND	ND	0.33
33904 Pacific Coast Hwy.	Malibu	4.03	ND	ND	0.28
3637 Winter Canyon Rd.	Malibu	3.30	ND	1.41	0.32
3800 S Topanga Canyon Blvd.	Malibu	3.63	ND	ND	0.33
3970 Carbon Canyon Rd.	Malibu	3.70	ND	ND	0.31
4100 S Westward Beach Rd.	Malibu	3.39	ND	ND	ND
427 S Encinal Cyn. Rd.	Malibu	1.91	ND	ND	ND
433 S Encinal Cyn. Rd.	Malibu	2.01	ND	ND	ND
6338 Paseo Cyn. Rd.	Malibu	3.76	ND	1.94	0.32
1320 Highland Ave.	Manhattan Beach	2.21	ND	ND	ND
2600 The Strand	Manhattan Beach	2.98	ND	ND	ND
3700 The Strand	Manhattan Beach	2.69	ND	ND	ND
800 The Strand	Manhattan Beach	2.13	ND	ND	ND
13477 Fiji Way	Marina Del Rey	4.65	2.51	ND	0.26
13483 Fiji Way	Marina Del Rey	3.85	ND	ND	0.36
13650 Mindanao Way	Marina Del Rey	3.30	ND	ND	0.36
13837 Fiji Way	Marina Del Rey	3.87	ND	ND	0.29
13871 Fiji Way	Marina Del Rey	3.78	ND	2.48	0.32
14110 Palawan Way	Marina Del Rey	3.47	ND	ND	ND
4139 Dell Ave.	Marina Del Rey	4.30	ND	7.03	ND
4433 Admiralty Way	Marina Del Rey	2.94	ND	ND	ND
4533 Admiralty Way	Marina Del Rey	3.00	ND	ND	ND
4701 Mindinao Way	Marina Del Rey	3.96	ND	1.91	0.47
4323 E Slauson Ave.	Maywood	1.03	2.95	1.37	ND
300 W Maple	Monrovia	ND	ND	ND	0.29
330 W Maple	Monrovia	1.05	3.48	1.82	1.04
1060 S Greenwood Ave.	Montebello	ND	ND	1.24	ND
1550 W Beverly Blvd.	Montebello	1.56	ND	1.01	ND
101 Centre Plaza Dr.	Monterey Park	3.35	4.13	ND	3.48
1255 Corporate Center Dr.	Monterey Park	2.14	4.34	1.68	3.49
2 Coral Cir.	Monterey Park	2.68	5.93	3.23	1.67
201 Center Plaza Dr.	Monterey Park	1.50	5.32	ND	3.93
2525 Corporate Pl.	Monterey Park	2.04	5.53	ND	4.50
4700 W Ramona Blvd.	Monterey Park	2.95	4.52	ND	3.54
19152 Placerita Canyon Rd.	Newhall	2.20	2.59	2.43	0.38
16111 Plummer St.	North Hills	3.54	ND	ND	ND
16700 Roscoe Blvd.	North Hollywood	3.18	ND	1.19	ND
5300 Tujunga Ave.	North Hollywood	2.79	ND	ND	0.31
11317 E Alondra Blvd.	Norwalk	1.80	ND	ND	ND
11949 E Alondra Blvd.	Norwalk	1.83	ND	ND	0.27
12335 Civic Center Dr.	Norwalk	1.89	3.70	ND	0.95
12350 E Imperial Hwy	Norwalk	1.77	ND	ND	0.52
12360 Firestone Blvd.	Norwalk	1.86	ND	2.46	ND
12440 E Imperial Hwy.	Norwalk	1.68	ND	1.09	ND
12440 Firestone Blvd.	Norwalk	1.74	ND	ND	ND
12720 Norwalk Blvd.	Norwalk	1.45	ND	ND	0.48
12727 Norwalk Blvd.	Norwalk	1.70	ND	ND	0.32

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
14714 Carmenita Rd.	Norwalk	1.72	ND	ND	ND
15100 Pacific Coast Highway	Pacific Palisades	5.28	ND	ND	ND
15970 Pacific Coast Highway	Pacific Palisades	3.84	ND	ND	ND
16300 Pacific Coast Highway	Pacific Palisades	6.38	ND	ND	ND
17300 Pacific Coast Highway	Pacific Palisades	5.01	ND	ND	ND
11243 Glenoaks Blvd.	Pacoima	2.27	2.67	ND	ND
12441 Osborne St.	Pacoima	2.37	2.53	ND	ND
12502 Van Nuys Blvd.	Pacoima	2.51	ND	1.53	ND
12552 Van Nuys Blvd.	Pacoima	2.17	2.51	1.25	ND
12605 Osborne St.	Pacoima	2.40	2.71	ND	ND
12653 Osborne St.	Pacoima	3.10	ND	1.51	ND
13300 Van Nuys Blvd.	Pacoima	3.09	ND	ND	ND
1020 E Palmdale Blvd.	Palmdale	ND	ND	ND	ND
1050 E Palmdale Blvd.	Palmdale	ND	ND	ND	ND
1050 W Ave. P	Palmdale	ND	ND	1.24	ND
1113 W Ave M-4	Palmdale	2.23	ND	ND	ND
2629 E Ave. S	Palmdale	ND	6.66	ND	5.57
38126 N Sierra Hwy.	Palmdale	ND	ND	ND	ND
38318 N 9th St. E	Palmdale	ND	ND	ND	ND
840 E Ave Q-12	Palmdale	ND	ND	ND	ND
26300 Crenshaw Blvd.	Palos Verdes Estates	2.75	2.52	ND	ND
14355 Roscoe Blvd.	Panorama City	3.16	ND	1.67	ND
14545 Lanark St.	Panorama City	3.05	ND	ND	ND
15001 Paramount Blvd.	Paramount	6.12	3.65	ND	ND
16254 Colorado Ave.	Paramount	6.09	4.20	1.45	ND
7300 Alondra Blvd.	Paramount	6.12	4.15	1.39	ND
7521 Somerset Blvd.	Paramount	6.42	3.73	2.64	ND
1150 N Sierra Madre Villa	Pasadena	1.82	ND	ND	ND
1750 N Altadena Dr.	Pasadena	2.35	ND	ND	0.64
215 N Marengo Ave.	Pasadena	2.03	ND	ND	0.83
2764 E Eaton Canyon Dr.	Pasadena	ND	ND	1.20	2.10
2811 Woodlyn Rd.	Pasadena	1.99	ND	ND	0.61
300 E Walnut St.	Pasadena	2.16	ND	ND	0.71
532 E Colorado Blvd.	Pasadena	2.41	ND	ND	0.64
955 N Lake Ave.	Pasadena	2.39	ND	ND	0.69
28000 Devils Punchbowl Rd.	Pearblossom	ND	2.53	4.09	ND
33957 Longview Rd.	Pearblossom	ND	5.09	ND	2.45
4864 S Durfee Ave.	Pico Rivera	2.42	3.49	1.49	0.47
6336 S Passons Blvd.	Pico Rivera	2.12	3.50	4.28	ND
6631 S Passons Blvd.	Pico Rivera	2.26	4.20	ND	0.37
7300 S Paramount Blvd.	Pico Rivera	ND	ND	ND	ND
7828 S Serapis Ave.	Pico Rivera	1.87	3.17	2.53	ND
9001 Mines Ave.	Pico Rivera	ND	3.22	4.12	ND
9209 S Slauson Ave.	Pico Rivera	1.91	3.88	ND	ND
9536 Brasher St.	Pico Rivera	1.40	3.96	ND	ND
11300 Vista Del Rey	Playa Del Rey	3.48	ND	ND	ND
12001 Vista Del Mar	Playa Del Rey	3.67	ND	1.39	ND
8254 Vista Del Mar	Playa Del Rey	3.31	ND	1.73	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
8255 Vista Del Mar	Playa Del Rey	3.69	ND	ND	ND
100 W 2nd St.	Pomona	ND	4.16	ND	1.94
1059 White Ave.	Pomona	1.45	6.44	2.79	4.32
1101 McKinley Ave.	Pomona	1.06	2.74	1.71	0.30
1447 Fairplex Dr.	Pomona	ND	3.69	1.52	ND
1660 W Mission Blvd.	Pomona	ND	4.28	ND	2.11
18 Village Loop Rd.	Pomona	1.04	4.59	1.25	3.11
1875 Fairfax Dr.	Pomona	1.45	5.44	1.54	2.61
1980 W Orange Grove Ave.	Pomona	1.35	4.09	ND	2.82
2040 W Holt Ave.	Pomona	1.55	5.87	ND	3.91
300 S Park Ave.	Pomona	ND	3.97	1.37	2.02
3325 Temple Ave.	Pomona	ND	6.02	ND	1.82
350 W Mission Blvd.	Pomona	ND	3.72	ND	1.95
400 Civic Center Plaza	Pomona	ND	4.31	ND	1.86
416 N Garey Ave.	Pomona	ND	3.53	ND	1.01
590 Park Ave.	Pomona	ND	4.87	2.79	2.06
708 N San Antonio Ave.	Pomona	ND	4.55	ND	1.84
750 Park Ave.	Pomona	ND	4.33	1.15	1.89
925 E Lexington Ave.	Pomona	ND	5.62	1.51	1.90
42018 N 50th St. W	Quartz Hill	5.36	6.71	ND	4.54
4859 W Ave L-12	Quartz Hill	4.46	5.67	1.16	3.91
5030 W Ave L-14	Quartz Hill	ND	ND	ND	ND
17600 A/B S Santa Fe Ave.	Rancho Dominguez	1.02	ND	ND	ND
2959 E Victoria St.	Rancho Dominguez	ND	ND	ND	ND
3010 E Victoria St.	Rancho Dominguez	ND	ND	ND	ND
4205 Compton Blvd.	Rancho Dominguez	1.75	ND	ND	ND
6124 Palos Verdes Dr. S	Rancho Palos Verdes	2.60	ND	ND	ND
7000 W Los Verdes Dr.	Rancho Palos Verdes	2.42	ND	ND	ND
83 Miraleste Plaza	Rancho Palos Verdes	2.50	ND	ND	ND
2000 Artesia Blvd.	Redondo Beach	ND	ND	ND	ND
2400 Grant St.	Redondo Beach	1.72	ND	1.49	ND
280 Marina Way	Redondo Beach	1.78	ND	ND	ND
300 N Pacific Coast Hwy.	Redondo Beach	2.16	ND	ND	ND
300 S Catalina Ave.	Redondo Beach	1.79	ND	ND	ND
400 S Broadway	Redondo Beach	1.62	ND	ND	ND
615 E Anita St.	Redondo Beach	1.74	ND	ND	ND
Depart. Beach and Harbor	Redondo Beach	1.75	ND	ND	ND
19231 Victory Blvd.	Reseda	3.43	ND	ND	ND
25681 Hawthorne Blvd.	Rolling Hills Estate	2.51	ND	ND	ND
27413 Indian Peak Rd.	Rolling Hills Estate	2.73	ND	ND	ND
2644 N San Gabriel Blvd.	Rosemead	ND	7.11	ND	5.69
8640 E Rush St.	Rosemead	ND	4.96	ND	3.16
8800 Valley Blvd.	Rosemead	1.10	11.30	ND	9.09
9319 Valley Blvd.	Rosemead	ND	10.50	ND	9.21
1500 S Banida	Rowland Heights	1.28	ND	ND	ND
1525 Nogales St.	Rowland Heights	1.40	ND	ND	ND
18150 Pathfinder Rd.	Rowland Heights	1.59	ND	ND	ND
1850 Nogales St.	Rowland Heights	1.16	ND	ND	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
18500 Farjardo St.	Rowland Heights	1.63	ND	3.50	ND
114 E 1st St.	San Dimas	1.14	ND	4.00	ND
120 Via Verde	San Dimas	ND	ND	2.60	ND
122 N San Dimas Blvd.	San Dimas	1.02	ND	1.18	ND
145 N Walnut Ave.	San Dimas	ND	ND	1.13	ND
1512 Sycamore Canyon Rd.	San Dimas	ND	3.88	ND	ND
164 S Walnut Ave.	San Dimas	1.36	ND	ND	ND
1900 Sycamore Canyon Rd.	San Dimas	ND	3.99	2.52	ND
1910 N Sycamore Canyon Rd.	San Dimas	ND	4.15	1.53	ND
270 S Walnut Ave.	San Dimas	ND	ND	ND	ND
615 E Foothill Blvd.	San Dimas	ND	3.43	ND	ND
1212 Pico St.	San Fernando	ND	6.25	ND	3.05
13811 Del Sor St.	San Fernando	2.56	ND	1.55	ND
217 N Macky St.	San Fernando	ND	5.50	1.25	3.21
303 N Macky Ave.	San Fernando	ND	5.74	ND	3.21
900 3rd St.	San Fernando	ND	6.13	2.57	2.97
500 S Del Mar	San Gabriel	2.68	4.39	ND	3.03
7225 N Rosemead Blvd.	San Gabriel	1.19	4.85	ND	4.37
150 W 7th St.	San Pedro	2.42	ND	ND	ND
1851 N Gaffy St.	San Pedro	2.56	ND	ND	ND
2943 Miner St.	San Pedro	2.23	ND	2.95	ND
3720 Stephen White Dr.	San Pedro	2.75	ND	ND	ND
505 S Center St.	San Pedro	2.63	ND	1.15	ND
638 Beacon St.	San Pedro	2.76	ND	ND	ND
769 W 3rd St.	San Pedro	3.12	ND	ND	ND
17931 Sierra Hwy.	Santa Clarita	2.43	5.44	1.61	0.35
18239 Soledad Canyon Rd.	Santa Clarita	2.37	7.04	ND	0.33
18601 Soledad Cyn.	Santa Clarita	2.85	5.04	1.53	0.26
22704 W 9th St.	Santa Clarita	ND	ND	1.44	0.77
22980 Market St.	Santa Clarita	1.62	3.24	ND	0.65
23502 Lyans Ave.	Santa Clarita	ND	5.14	ND	1.18
23740 W Magic Mountain Pkwy.	Santa Clarita	2.03	5.00	ND	0.56
23747 W Valencia Blvd.	Santa Clarita	1.93	5.79	ND	0.55
23757 W Valencia Blvd.	Santa Clarita	2.36	6.08	1.43	0.53
23920 W Valencia Blvd.	Santa Clarita	2.75	ND	1.22	ND
24875 San Fernando Rd.	Santa Clarita	1.44	2.77	ND	0.80
26321 N Sand Canyon Rd.	Santa Clarita	2.45	3.96	ND	ND
26829 N Seco Canyon Rd.	Santa Clarita	2.24	5.38	2.05	0.52
27233 Camp Plenty Rd.	Santa Clarita	2.68	4.71	1.54	0.42
10355 Slusher Dr.	Santa Fe Spring	1.49	4.50	ND	0.53
11640 Slauson Ave.	Santa Fe Spring	2.86	4.89	1.24	1.74
12015 Shoemaker Ave.	Santa Fe Spring	1.32	3.98	ND	0.25
1642 Promenade	Santa Monica	3.58	ND	ND	ND
1725 Main St.	Santa Monica	2.21	ND	ND	ND
2509 W Pico Blvd.	Santa Monica	3.55	ND	ND	0.26
15921 Spunky Canyon Rd.	Saugus	ND	4.71	ND	0.32
28700 N Bouquet Cyn. Rd.	Saugus	2.55	4.04	1.11	0.37
28750 N Bouquet Cyn. Rd.	Saugus	1.68	4.85	5.26	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
30300 W Arlington St.	Saugus	3.08	ND	2.25	ND
35100 San Francisquito Cyn Rd.	Saugus	ND	3.91	ND	ND
2300 E 27th St.	Signal Hills	3.67	ND	ND	ND
1000 Durfee Ave.	South El Monte	2.50	6.74	1.58	3.22
10115 E Rush St.	South El Monte	1.78	5.13	ND	2.04
1190 Durfee Ave.	South El Monte	2.31	6.28	ND	3.11
1430 N Central Ave.	South El Monte	3.10	5.43	3.57	2.39
1601 Rosemead Ave.	South El Monte	1.90	5.88	1.46	2.37
750 S Santa Anita Ave.	South El Monte	1.92	6.54	2.03	2.95
12000 Garfield Ave.	South Gate	2.03	3.30	1.19	ND
11258 Garfield Ave.	South Gate	3.49	4.24	ND	0.64
2701 Firestone Blvd.	South Gate	2.37	4.95	ND	0.95
4867 Southern Ave.	South Gate	3.94	7.19	1.34	0.55
5525 E Imperial Hwy.	South Gate	3.27	4.09	ND	0.69
5720 Gardendale St.	South Gate	2.34	4.68	1.67	0.61
8460 California Ave.	South Gate	2.45	4.80	ND	1.06
10179 Glenoaks Blvd.	Sun Valley	1.91	ND	ND	ND
13000 Sayre St.	Sylmar	3.04	ND	ND	ND
13100 Hubbard St.	Sylmar	3.27	ND	ND	ND
13800 Balboa Blvd.	Sylmar	3.38	ND	ND	ND
14425 Olive View Dr.	Sylmar	2.15	2.54	1.67	ND
14445 Olive View Dr.	Sylmar	2.83	ND	5.12	ND
16350 Filbert St.	Sylmar	3.35	ND	ND	ND
5213 E Encinta Ave.	Temple City	ND	3.94	ND	ND
5939 Golden West Ave.	Temple City	1.25	8.47	3.45	5.22
5946 N Kauffman Ave.	Temple City	1.32	8.87	5.24	6.15
8838 E Las Tunas Dr.	Temple City	1.31	8.31	ND	5.78
9701 E Las Tunas Dr.	Temple City	ND	8.90	ND	6.02
401 S Topanga Cyn Rd.	Topanga	2.89	ND	ND	ND
1000 W Carson St.	Torrance	1.83	ND	ND	ND
1124 W Carson St.	Torrance	2.26	ND	ND	ND
1701 Crenshaw Blvd.	Torrance	2.98	ND	ND	ND
3221 Torrance Blvd.	Torrance	1.49	ND	2.34	ND
3535 Redondo Beach Blvd.	Torrance	ND	3.69	1.12	ND
3655 Torrance Blvd.	Torrance	2.92	ND	4.55	ND
825 Maple Ave.	Torrance	ND	ND	ND	ND
826 W 220th St.	Torrance	1.52	ND	1.82	ND
975 Carson St.	Torrance	2.02	ND	1.25	ND
10700 W Las Lunitas Ave.	Tujunga	3.21	ND	ND	ND
7771 Foothill Blvd.	Tujunga	2.79	ND	2.39	ND
100 Universal City Plaza	Universal City	2.87	ND	ND	ND
3900 N Lankershim Blvd.	Universal City	2.97	ND	ND	0.31
27223 Henry Mayo Dr.	Valencia	1.84	ND	1.72	ND
747 N Rimgrove Dr.	Valinda	1.11	8.68	ND	6.12
14340 W Sylvan St.	Van Nuys	2.10	ND	ND	ND
14350 W Sylvan St.	Van Nuys	1.79	ND	ND	ND
14400 Erwin St.	Van Nuys	1.36	ND	ND	ND
14414 Delano St.	Van Nuys	1.44	ND	ND	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
15643 Sherman Way	Van Nuys	1.97	ND	ND	0.38
6230 Sylmar Ave.	Van Nuys	2.72	ND	1.11	ND
6250 Sylmar Ave.	Van Nuys	2.01	ND	ND	ND
6851 Lennox Ave.	Van Nuys	2.07	ND	ND	ND
7515 Van Nuys Blvd.	Van Nuys	2.26	ND	ND	ND
7555 Van Nuys Blvd.	Van Nuys	2.10	ND	1.08	ND
2300 Ocean Front Walk	Venice	3.06	ND	ND	ND
19865 S Walnut Dr.	Walnut	1.02	ND	26.70	ND
20480 Pathfinder Rd.	Walnut	ND	ND	1.20	ND
20604 E Loyalton Dr.	Walnut	ND	ND	1.00	ND
21155 La Puente	Walnut	1.18	ND	6.65	ND
21695 Valley Blvd.	Walnut	ND	ND	4.87	ND
1427 W Covina Pkwy.	West Covina	1.51	10.20	ND	7.75
1437 W Covina Pkwy.	West Covina	1.78	8.33	2.36	6.50
1500 W Covina Pkwy.	West Covina	1.24	9.71	ND	7.90
1601 W Covina Pkwy.	West Covina	1.43	8.71	1.57	7.80
2934 E Garvey Ave.	West Covina	ND	5.73	ND	3.56
1224 N Vine St.	West Hollywood	2.27	ND	ND	0.42
5205 Melrose Ave.	West Hollywood	2.50	ND	1.49	0.36
11080 W Olympic Ave.	West Los Angeles	1.98	ND	ND	ND
1110 W Pico Blvd.	West Los Angeles	1.91	ND	ND	ND
2101 N Highland	West Los Angeles	2.96	ND	ND	0.31
2301 N Highland	West Los Angeles	2.78	ND	ND	ND
621 N San Vicente	West Los Angeles	1.55	ND	ND	ND
715 N San Vicente	West Los Angeles	1.84	ND	ND	ND
780 N San Vicente	West Los Angeles	2.13	ND	ND	ND
7643 W Santa Monica	West Los Angeles	1.79	ND	ND	0.32
5520 W 83rd St.	Westchester	5.58	ND	2.58	ND
31220 Oakcrest Dr.	Westlake Village	2.80	ND	ND	ND
31981 W Foxfield Dr.	Westlake Village	2.98	ND	ND	ND
10021 Scott Ave.	Whittier	2.43	4.10	1.14	1.06
10130 S Gunn Ave.	Whittier	4.24	5.14	ND	0.64
10630 S Mill Ave.	Whittier	5.21	5.96	1.37	0.68
6934 Broadway	Whittier	2.18	4.69	ND	0.50
11419 Rosehedge Rd.	Whittier	2.77	6.04	1.08	4.65
11460 Santa Gertruoles Ave.	Whittier	1.96	3.63	ND	0.94
11515 S Colima Rd.	Whittier	4.26	5.00	3.22	0.62
12006 Hadley St.	Whittier	1.64	3.89	ND	ND
13201 E Meyer Rd.	Whittier	1.64	ND	ND	ND
13523 Telegraph Rd.	Whittier	4.46	4.32	ND	0.68
13525 Telegraph Rd.	Whittier	4.21	5.04	ND	0.67
13671 Telegraph Rd.	Whittier	2.52	4.48	14.10	ND
14201 Telegraph Rd.	Whittier	3.74	4.89	4.90	0.63
14205 Telegraph Rd.	Whittier	4.23	5.22	3.87	0.72
14433 Leffingwell Rd.	Whittier	2.94	4.05	ND	0.80
7339 S Painter Ave.	Whittier	1.72	4.54	2.45	ND
7639 S Painter Ave.	Whittier	1.68	4.73	ND	ND
7643 S Painter Ave.	Whittier	1.52	3.84	ND	ND

Address	City	Arsenic	Total Chromium	Lead	Chromium+6
Detection Limit for Reporting		1 ppb	2.5 ppb	1 ppb	0.25 ppb
7733 Greenleaf Ave.	Whittier	1.69	4.79	ND	ND
8240 S Broadway	Whittier	3.83	5.39	2.42	1.09
TOTAL SAMPLE COLLECTED		765	765	765	765
ND = Not Detected					