Water-Data Report 2013

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)

Edwards-Trinity aquifer system
Edwards Limestone

Bexar County, TX

LOCATION.--Lat 29°38'55.52", long 98°23'48.27" referenced to North American Datum of 1983, Bexar County, TX, Hydrologic Unit 12100304.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 340 ft. Upper casing diameter 4 in; top of first opening 280 ft, bottom of last opening 340 ft.

DATUM.--Land-surface datum is 980 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of PVC, 1.22 ft above land-surface datum, May 20, 2008, to present.

PERIOD OF RECORD.--May 2008 to current year (daily mean water level). Prior to Oct. 2009 published as "(PGA Tour No. 3)".

REVISED RECORDS.--WDR-US-2011: 2010.

REMARKS.--Records good. Some records listed in the "Period of Record" for groundwater and water quality may not be available electronically.

EXTREMES FOR CURRENT YEAR.--Highest water level, 230.69 ft below land surface datum, May 26; lowest water level, 299.54 ft below land surface datum, Mar. 10, Sept. 22.

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	253.45	240.47	247.41	291.73	291.49	291.61	299.34	299.31	299.33	299.39	299.36	299.37
2	256.52	253.45	254.73	292.12	291.72	291.91	299.34	299.33	299.34	299.38	299.35	299.37
3	263.31	256.52	259.93	292.44	292.12	292.29	299.35	299.33	299.34	299.39	299.35	299.37
4	268.60	263.31	265.91	292.78	292.43	292.64	299.36	299.34	299.35	299.39	299.35	299.37
5	272.04	268.60	270.42	293.07	292.78	292.92	299.35	299.33	299.34	299.38	299.35	299.37
6	274.52	272.04	273.30	293.45	293.07	293.26	299.38	299.33	299.36	299.38	299.36	299.37
7	276.67	274.52	275.63	293.76	293.45	293.62	299.40	299.37	299.38	299.38	299.35	299.37
8	278.20	276.67	277.49	293.97	293.75	293.86	299.40	299.38	299.39	299.38	299.35	299.37
9	279.40	278.20	278.82	294.21	293.96	294.10	299.42	299.37	299.39	---	---	---
10	280.72	279.40	280.07	294.32	294.21	294.27	299.41	299.39	299.40	281.69	273.50	276.44
11	281.84	280.72	281.29	294.66	294.30	294.43	---	---	---	289.25	281.69	285.91
12	282.85	281.84	282.36	295.34	294.66	295.02	299.37	299.34	299.36	293.79	289.25	291.62
13	283.60	282.85	283.23	295.52	295.34	295.47	299.36	299.34	299.35	296.58	293.79	295.35
14	283.95	283.60	283.75	295.46	295.28	295.33	299.36	299.32	299.35	297.93	296.58	297.33
15	284.64	283.65	284.14	295.69	295.35	295.50	299.37	299.34	299.35	299.30	297.93	298.71
16	285.24	284.64	284.95	296.06	295.68	295.86	299.38	299.33	299.36	299.31	299.27	299.29
17	285.67	285.24	285.47	296.33	296.06	296.21	299.37	299.34	299.36	299.32	299.29	299.31
18	286.47	285.67	286.03	296.53	296.33	296.42	299.37	299.35	299.36	299.37	299.30	299.32
19	286.88	286.47	286.76	296.79	296.52	296.65	299.39	299.34	299.36	299.35	299.30	299.33
20	287.15	286.88	287.00	297.07	296.79	296.92	299.39	299.35	299.37	299.36	299.32	299.34
21	287.68	287.15	287.39	297.34	297.07	297.20	299.38	299.34	299.36	299.37	299.33	299.35
22	288.24	287.68	287.96	297.46	297.34	297.42	299.37	299.34	299.36	299.38	299.34	299.36
23	288.77	288.24	288.49	297.73	297.46	297.52	299.37	299.34	299.36	299.39	299.34	299.37
24	289.27	288.77	289.04	298.12	297.73	297.98	299.38	299.34	299.36	299.39	299.36	299.38
25	289.76	289.27	289.49	298.26	298.12	298.19	299.39	299.35	299.37	299.41	299.38	299.39
26	290.15	289.52	289.94	298.50	298.25	298.35	299.39	299.35	299.36	---	---	---
27	289.52	289.05	289.16	298.62	298.50	298.59	299.37	299.34	299.36	---	---	---
28	290.19	289.32	289.76	298.95	298.61	298.77	299.39	299.35	299.37	---	---	---
29	290.78	290.19	290.50	299.22	298.95	299.09	299.39	299.36	299.37	299.47	299.40	299.43
30	291.16	290.78	290.99	299.33	299.21	299.29	299.38	299.35	299.36	---	---	---
31	291.49	291.15	291.30	---	---	---	299.38	299.34	299.37	---	---	---
Month	291.49	240.47	281.06	299.33	291.49	295.69	---	---	---	---	---	---

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

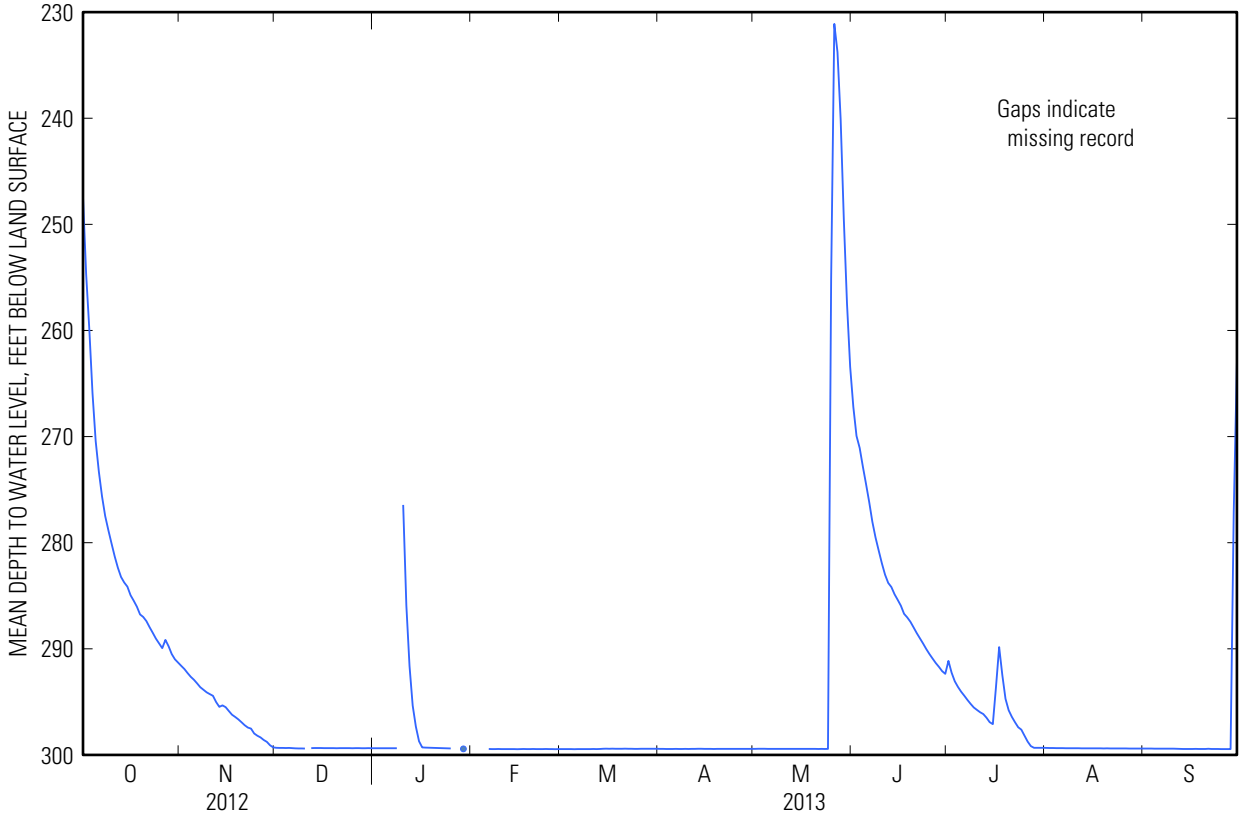
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	---	---	---	299.48	299.43	299.45	299.46	299.41	299.43	299.45	299.42	299.43
2	---	---	---	299.47	299.43	299.45	299.52	299.41	299.43	299.48	299.36	299.42
3	---	---	---	299.46	299.43	299.45	299.50	299.36	299.44	299.43	299.40	299.42
4	---	---	---	299.46	299.43	299.45	299.46	299.43	299.44	299.44	299.41	299.42
5	---	---	---	299.50	299.44	299.46	299.47	299.41	299.44	299.44	299.41	299.43
6	299.46	299.42	299.44	299.47	299.43	299.45	299.45	299.42	299.43	299.44	299.40	299.43
7	299.47	299.42	299.45	299.47	299.43	299.45	299.45	299.42	299.44	299.44	299.42	299.43
8	299.47	299.43	299.45	299.47	299.44	299.45	299.45	299.42	299.44	299.45	299.42	299.43
9	299.46	299.42	299.44	299.47	299.43	299.45	299.45	299.41	299.43	299.47	299.41	299.43
10	299.49	299.43	299.45	299.54	299.42	299.45	299.46	299.42	299.44	299.47	299.40	299.43
11	299.47	299.43	299.45	299.46	299.43	299.44	299.48	299.40	299.43	299.45	299.41	299.43
12	299.48	299.42	299.45	299.47	299.44	299.45	299.45	299.41	299.43	299.45	299.41	299.43
13	299.48	299.43	299.45	299.47	299.40	299.44	299.44	299.41	299.42	299.45	299.42	299.43
14	299.47	299.43	299.45	299.43	299.40	299.42	299.43	299.40	299.42	299.44	299.41	299.43
15	299.47	299.43	299.46	299.42	299.39	299.41	299.45	299.42	299.43	299.44	299.41	299.43
16	299.47	299.43	299.45	299.43	299.40	299.42	299.45	299.42	299.43	299.44	299.42	299.43
17	299.45	299.43	299.44	299.43	299.39	299.41	299.44	299.42	299.43	299.45	299.42	299.43
18	299.48	299.43	299.45	299.43	299.40	299.42	299.47	299.41	299.44	299.44	299.42	299.43
19	299.48	299.43	299.45	299.44	299.40	299.42	299.46	299.42	299.43	299.45	299.42	299.43
20	299.47	299.42	299.44	299.44	299.40	299.42	299.45	299.41	299.43	299.45	299.42	299.43
21	299.48	299.43	299.45	299.43	299.40	299.41	299.45	299.41	299.43	299.45	299.42	299.44
22	299.47	299.44	299.45	299.44	299.41	299.42	299.44	299.41	299.43	299.45	299.42	299.43
23	299.47	299.43	299.45	299.44	299.40	299.42	299.45	299.42	299.43	299.46	299.42	299.44
24	299.46	299.43	299.44	299.46	299.40	299.43	299.45	299.42	299.43	299.45	299.40	299.43
25	299.47	299.44	299.45	299.45	299.40	299.43	299.44	299.42	299.43	299.43	231.19	255.18
26	299.47	299.44	299.45	299.44	299.41	299.42	299.44	299.42	299.43	232.10	230.69	231.11
27	299.48	299.44	299.46	299.44	299.40	299.42	299.46	299.39	299.43	235.58	232.09	233.77
28	299.47	299.43	299.45	299.43	299.41	299.42	299.44	299.41	299.43	245.22	235.58	240.11
29	---	---	---	299.43	299.41	299.42	299.45	299.39	299.43	253.75	245.22	249.54
30	---	---	---	299.44	299.40	299.42	299.45	299.41	299.43	260.98	253.75	257.45
31	---	---	---	299.46	299.38	299.42	---	---	---	265.16	260.98	263.43
Month	---	---	---	299.54	299.38	299.43	299.52	299.36	299.43	299.48	230.69	287.64

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	269.06	265.16	267.21	291.59	290.91	291.14	299.35	299.33	299.34	299.41	299.39	299.40
2	270.25	269.06	269.94	292.73	291.59	292.25	299.36	299.33	299.35	299.42	299.39	299.40
3	272.01	270.16	271.07	293.34	292.73	293.06	299.37	299.35	299.35	299.41	299.39	299.40
4	273.62	272.01	272.82	293.82	293.34	293.59	299.37	299.35	299.36	299.43	299.40	299.41
5	275.28	273.62	274.46	294.25	293.82	294.04	299.37	299.35	299.36	299.42	299.39	299.41
6	277.15	275.28	276.16	294.62	294.25	294.42	299.38	299.35	299.36	299.42	299.39	299.41
7	278.86	277.15	278.03	295.01	294.62	294.82	299.38	299.35	299.37	299.42	299.40	299.41
8	280.16	278.86	279.51	295.40	295.00	295.19	299.38	299.36	299.37	299.42	299.40	299.41
9	281.32	280.16	280.74	295.65	295.40	295.53	299.38	299.36	299.37	299.42	299.40	299.41
10	282.53	281.32	281.94	295.86	295.65	295.76	299.39	299.36	299.37	299.42	299.40	299.41
11	283.47	282.53	283.01	296.12	295.86	295.98	299.39	299.36	299.37	299.44	299.35	299.42
12	284.12	283.47	283.79	296.26	296.12	296.15	299.39	299.37	299.38	299.45	299.42	299.43
13	284.48	284.02	284.18	296.71	296.26	296.49	299.39	299.36	299.38	299.45	299.43	299.44
14	285.16	284.48	284.86	297.10	296.71	296.91	299.39	299.37	299.38	299.46	299.43	299.44
15	285.65	285.16	285.39	297.42	296.05	297.10	299.40	299.37	299.38	299.45	299.43	299.44
16	286.35	285.65	285.94	296.05	290.68	293.59	299.39	299.37	299.38	299.46	299.43	299.44
17	286.84	286.35	286.70	290.89	289.29	289.84	299.40	299.37	299.38	299.44	299.42	299.43
18	287.22	286.83	287.04	293.83	290.89	292.48	299.39	299.37	299.38	299.45	299.43	299.44
19	287.72	287.22	287.45	295.41	293.83	294.71	299.39	299.37	299.39	299.45	299.43	299.44
20	288.27	287.72	287.98	296.10	295.41	295.79	299.40	299.38	299.38	299.45	299.40	299.44
21	288.78	288.27	288.52	296.71	296.10	296.41	299.40	299.38	299.39	299.44	299.36	299.42
22	289.26	288.78	289.01	297.19	296.70	296.92	299.40	299.38	299.39	299.54	299.42	299.44
23	289.74	289.26	289.50	297.49	297.19	297.39	299.40	299.38	299.39	299.46	299.43	299.44
24	290.27	289.74	290.02	297.89	297.48	297.62	299.41	299.38	299.39	299.45	299.43	299.44
25	290.65	290.27	290.49	298.51	297.89	298.19	299.41	299.39	299.39	299.45	299.44	299.45
26	291.17	290.65	290.92	299.00	298.51	298.75	299.41	299.38	299.39	299.46	299.44	299.45
27	291.54	291.17	291.34	299.31	299.00	299.17	299.41	299.39	299.40	299.46	299.44	299.45
28	291.84	291.54	291.70	299.34	299.31	299.33	299.41	299.39	299.40	299.47	299.44	299.45
29	292.33	291.84	292.10	299.34	299.32	299.33	299.41	299.39	299.40	299.46	257.66	277.06
30	292.63	291.52	292.36	299.34	299.32	299.33	299.41	299.38	299.40	269.55	257.80	263.06
31	---	---	---	299.35	299.33	299.33	299.41	299.39	299.40	---	---	---
Month	292.63	265.16	283.81	299.35	289.29	295.83	299.41	299.33	299.38	299.54	257.66	297.47

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued



293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
CHEMICAL DATA: Mar. 2009 to current year.
BIOCHEMICAL DATA: Mar. 2009 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Nov. 2008 to current year.
WATER TEMPERATURE: Nov. 2008 to current year.

INSTRUMENTATION.--A 2-parameter, continuous water-quality monitor since Nov. 2008

REMARKS.--Specific conductance record is good. Temperature record is good. Interruptions in the record may be due to malfunctions of the instrument or data corrections exceeding allowable criteria, which were deleted. Minimum and maximum extremes may have occurred during period of missing record. Water-quality samples were collected for the PGA Water-Quality Assessment Project.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 671 microsiemens/cm, Sept 11, 2009; minimum, 249 microsiemens/cm, May 15, 2010.
WATER TEMPERATURE: Maximum, 22.5°C, Aug. 19, Oct. 9, 10, 2009; minimum, 17.5°C, Feb. 13, 14, 15, 2010.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 612 microsiemens/cm, Sept. 30; minimum, 151 microsiemens/cm, May 25.
WATER TEMPERATURE: Maximum, 22.4°C, on many days; minimum, 21.0°C, May 25.

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	544	540	542	492	486	489	488	480	484	498	471	483
2	548	540	543	492	484	488	488	481	484	497	483	492
3	545	538	542	488	483	486	492	480	486	498	472	489
4	556	535	539	494	481	485	493	461	483	501	488	492
5	578	543	566	488	482	486	492	454	482	503	492	494
6	584	574	579	488	482	486	498	479	487	502	476	489
7	583	570	579	487	484	486	490	481	485	504	488	496
8	576	554	567	487	482	485	492	482	486	505	488	497
9	565	540	558	488	482	485	490	481	485	---	---	---
10	554	534	546	488	481	485	488	472	478	510	495	501
11	538	512	522	488	479	484	---	---	---	---	---	---
12	518	509	511	486	480	484	491	481	485	513	479	489
13	515	507	511	487	480	483	488	481	484	492	475	486
14	510	505	507	487	483	485	491	482	485	484	475	479
15	510	504	505	488	481	485	490	481	486	496	424	476
16	505	503	504	485	479	482	492	481	488	491	436	460
17	504	502	503	485	479	482	493	470	483	479	426	443
18	503	498	501	487	479	481	498	491	494	497	435	472
19	501	495	499	488	478	482	498	477	494	489	425	477
20	501	496	499	488	480	483	496	461	481	501	435	473
21	499	493	498	488	479	483	496	468	490	488	471	478
22	499	493	497	488	478	482	501	492	495	494	438	469
23	498	493	496	486	478	481	499	493	495	500	423	468
24	498	488	493	488	478	481	500	488	494	502	472	483
25	497	489	491	489	478	482	499	473	486	502	469	484
26	495	489	492	487	478	482	494	473	484	492	455	482
27	496	492	494	486	478	482	497	490	494	506	459	488
28	497	490	493	487	480	482	500	474	488	502	468	486
29	496	489	492	487	477	481	498	472	489	494	476	488
30	494	486	490	489	477	482	489	484	487	492	417	432
31	493	488	490	---	---	---	490	486	489	448	415	429
Month	584	486	518	494	477	484	---	---	---	---	---	---

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

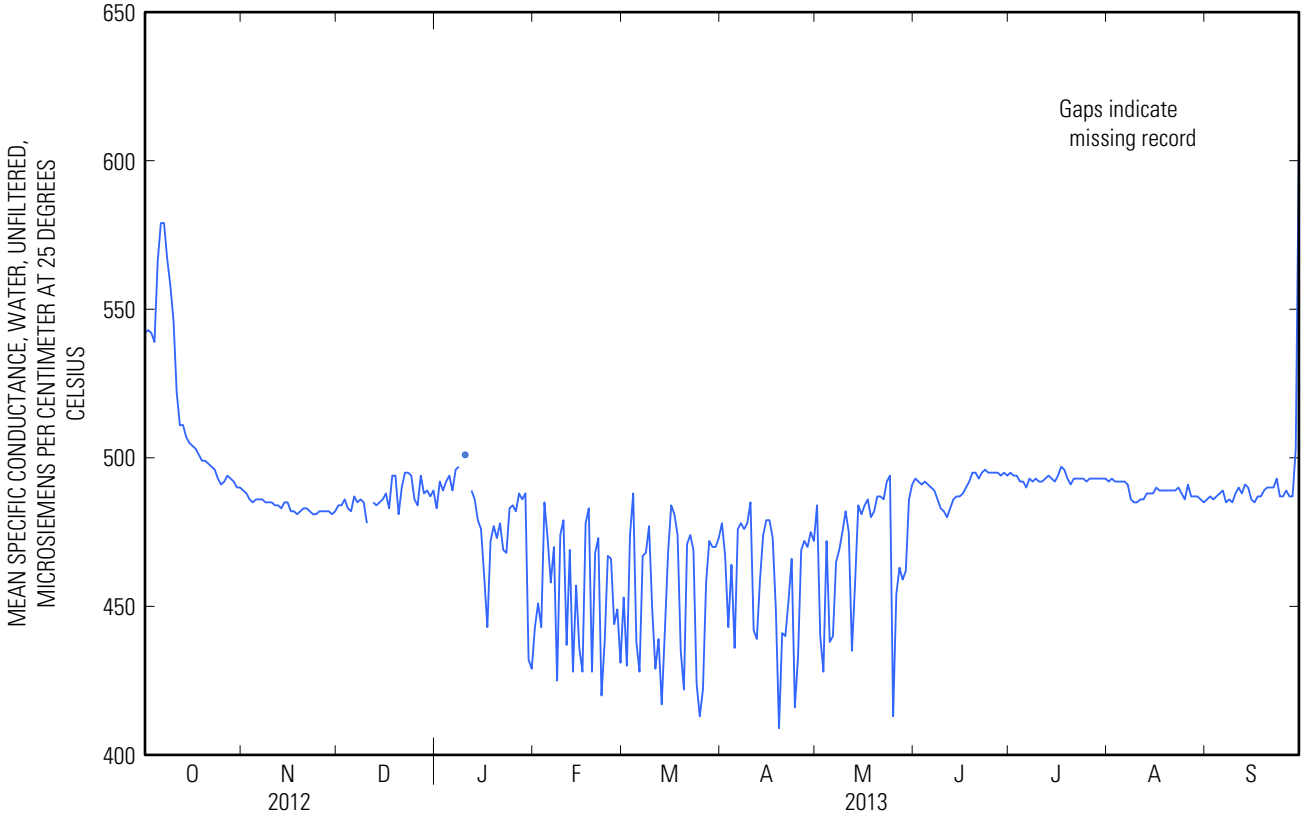
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	478	428	443	478	434	453	492	439	478	493	472	484
2	496	429	451	458	413	430	487	434	467	495	400	440
3	474	422	443	486	458	474	488	407	443	460	407	428
4	491	474	485	492	484	488	493	415	464	490	456	472
5	497	427	473	494	414	438	489	402	436	498	416	438
6	489	427	458	456	412	428	495	461	476	471	421	440
7	495	430	470	478	456	467	490	469	478	492	440	465
8	454	410	425	481	452	468	487	470	476	494	444	469
9	488	453	474	486	461	477	492	468	478	494	442	475
10	498	413	479	491	400	449	492	461	485	496	438	482
11	467	421	437	456	413	429	492	415	442	499	429	475
12	491	433	469	473	425	439	486	411	439	465	423	435
13	453	412	428	437	405	417	487	420	459	494	425	458
14	486	430	457	486	417	442	496	446	474	499	462	484
15	485	418	436	486	441	468	494	439	479	496	474	481
16	467	410	428	494	478	484	498	431	479	498	470	484
17	488	463	478	486	474	481	491	437	473	497	476	486
18	491	442	483	490	410	474	494	412	449	496	446	480
19	453	410	428	489	412	435	427	400	409	497	474	482
20	479	448	468	492	398	422	477	417	441	496	475	487
21	486	424	473	489	446	471	464	420	440	494	475	487
22	438	409	420	490	458	474	488	421	452	499	445	486
23	468	420	438	492	442	469	496	424	466	500	477	492
24	485	437	467	493	400	424	436	405	416	499	484	494
25	489	433	466	426	404	413	454	418	433	600	151	413
26	477	426	444	453	408	422	497	454	469	469	431	454
27	474	424	449	488	438	458	500	438	472	468	459	463
28	451	420	431	488	464	472	497	444	470	461	457	459
29	---	---	---	493	455	470	497	448	475	483	456	462
30	---	---	---	488	453	470	496	447	472	490	479	486
31	---	---	---	491	453	473	---	---	---	493	488	491
Month	498	409	454	494	398	454	500	400	460	600	151	469

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	496	492	493	498	492	495	494	491	492	490	479	486
2	493	490	492	500	492	494	495	490	493	492	481	487
3	493	490	491	500	488	494	494	490	492	492	479	486
4	493	491	492	496	488	492	496	491	492	491	478	487
5	492	490	491	496	487	492	494	490	492	492	480	488
6	491	489	490	493	487	490	495	491	492	492	479	489
7	491	486	489	497	490	493	494	485	491	490	475	485
8	488	483	486	499	487	492	492	480	486	492	479	486
9	485	481	483	497	489	493	489	479	485	492	479	485
10	484	479	482	495	489	492	488	481	485	492	476	488
11	483	477	480	495	490	492	492	480	486	493	484	490
12	488	477	483	495	491	493	489	482	486	493	483	488
13	489	479	486	496	491	494	491	483	488	494	484	491
14	490	479	487	495	492	493	493	484	488	493	482	490
15	493	480	487	494	491	492	494	483	488	493	467	486
16	493	480	488	497	492	494	494	484	490	492	471	485
17	494	482	490	500	490	497	493	480	489	492	479	487
18	495	486	492	498	493	496	493	482	489	492	481	487
19	497	492	495	496	490	493	492	484	489	492	484	489
20	497	492	495	493	490	491	493	484	489	493	484	490
21	495	491	493	495	491	493	493	482	489	494	482	490
22	499	491	495	496	491	493	493	483	489	495	481	490
23	500	493	496	495	490	493	494	485	490	494	491	493
24	499	491	495	494	491	493	492	482	488	493	475	487
25	498	493	495	494	491	492	492	482	486	493	479	487
26	498	493	495	494	491	493	494	486	491	494	482	489
27	498	491	495	494	491	493	492	480	487	493	478	487
28	497	489	494	495	492	493	490	476	487	493	478	487
29	498	493	495	495	492	493	492	481	487	594	475	503
30	498	490	494	494	492	493	490	479	486	612	581	606
31	---	---	---	495	491	493	490	479	485	---	---	---
Month	500	477	491	500	487	493	496	476	489	612	467	492

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued



293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	22.0	21.9	22.0	22.3	22.3	22.3	22.4	22.3	22.3	22.3	22.2	22.3
2	22.1	22.0	22.0	22.3	22.3	22.3	22.4	22.3	22.3	22.3	22.2	22.2
3	22.1	22.1	22.1	22.3	22.3	22.3	22.4	22.1	22.2	22.3	22.2	22.2
4	22.2	22.1	22.1	22.3	22.3	22.3	22.2	22.2	22.2	22.3	22.2	22.2
5	22.2	22.2	22.2	22.3	22.3	22.3	22.2	22.1	22.2	22.3	22.2	22.2
6	22.2	22.2	22.2	22.3	22.3	22.3	22.2	22.1	22.2	22.3	22.2	22.2
7	22.2	22.2	22.2	22.3	22.3	22.3	22.2	22.2	22.2	22.3	22.2	22.2
8	22.3	22.2	22.2	22.3	22.3	22.3	22.2	22.2	22.2	22.3	22.2	22.2
9	22.3	22.2	22.2	22.3	22.3	22.3	22.2	22.2	22.2	---	---	---
10	22.3	22.2	22.2	22.3	22.3	22.3	22.2	22.1	22.2	22.2	22.1	22.1
11	22.3	22.2	22.2	22.3	22.3	22.3	---	---	---	22.3	22.1	22.2
12	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
13	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.3	22.3
14	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
15	22.3	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.0	22.3
16	22.3	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	21.9	22.1
17	22.3	22.2	22.3	22.3	22.3	22.3	22.3	22.2	22.3	22.2	21.8	22.0
18	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.2	22.2	22.3	22.0	22.2
19	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.2	22.2	22.3	21.9	22.3
20	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.2	22.3	22.3	22.0	22.2
21	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.2	22.2	22.3	22.1	22.3
22	22.3	22.3	22.3	22.4	22.3	22.3	22.3	22.2	22.2	22.3	22.0	22.2
23	22.3	22.3	22.3	22.4	22.3	22.3	22.3	22.2	22.2	22.3	22.0	22.2
24	22.3	22.3	22.3	22.4	22.3	22.3	22.3	22.2	22.2	22.3	22.2	22.3
25	22.3	22.3	22.3	22.4	22.3	22.3	22.4	22.2	22.3	22.3	22.1	22.3
26	22.3	22.3	22.3	22.4	22.3	22.3	22.3	22.2	22.3	22.3	22.1	22.3
27	22.3	22.3	22.3	22.4	22.3	22.3	22.3	22.2	22.2	22.3	22.2	22.2
28	22.3	22.3	22.3	22.4	22.3	22.4	22.4	22.2	22.3	22.3	22.2	22.3
29	22.3	22.3	22.3	22.4	22.3	22.4	22.4	22.3	22.4	22.3	22.2	22.3
30	22.3	22.3	22.3	22.4	22.3	22.4	22.3	22.3	22.3	22.3	21.6	21.9
31	22.3	22.3	22.3	---	---	---	22.3	22.3	22.3	22.0	21.7	21.9
Month	22.3	21.9	22.2	22.4	22.3	22.3	---	---	---	---	---	---

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

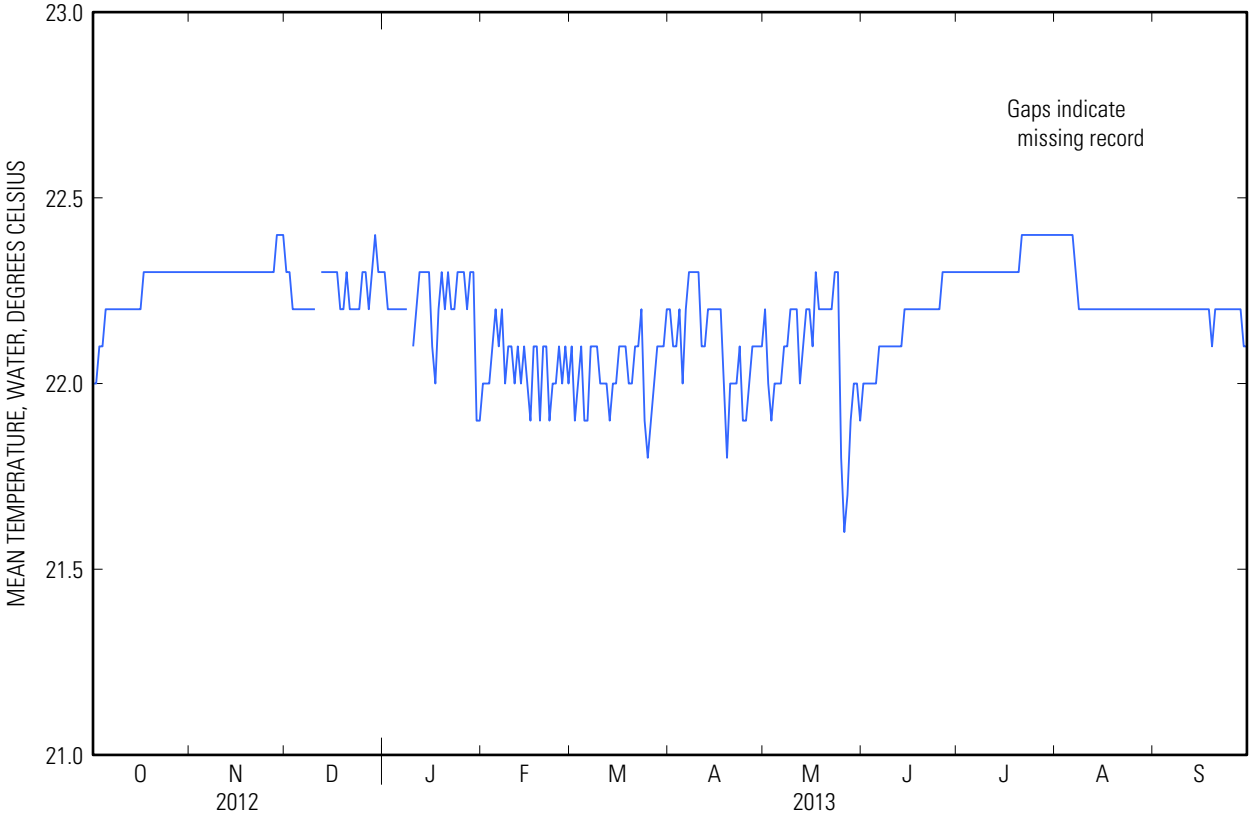
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	22.2	21.8	22.0	22.2	21.8	22.1	22.3	22.0	22.2	22.3	22.2	22.2
2	22.3	21.9	22.0	22.1	21.8	21.9	22.2	22.0	22.1	22.3	21.8	22.0
3	22.1	21.9	22.0	22.1	22.0	22.0	22.3	21.9	22.1	22.1	21.8	21.9
4	22.2	22.0	22.1	22.2	22.0	22.1	22.3	22.0	22.2	22.2	22.0	22.0
5	22.3	22.0	22.2	22.2	21.8	21.9	22.3	21.9	22.0	22.2	21.8	22.0
6	22.2	22.0	22.1	22.1	21.8	21.9	22.3	22.1	22.2	22.1	21.9	22.0
7	22.3	22.0	22.2	22.2	22.0	22.1	22.3	22.3	22.3	22.2	22.0	22.1
8	22.1	21.8	22.0	22.2	22.0	22.1	22.3	22.3	22.3	22.3	22.0	22.1
9	22.2	22.0	22.1	22.2	22.1	22.1	22.3	22.1	22.3	22.3	22.0	22.2
10	22.3	21.9	22.1	22.2	21.8	22.0	22.3	22.2	22.3	22.3	22.0	22.2
11	22.1	21.9	22.0	22.1	21.8	22.0	22.3	22.0	22.1	22.3	21.9	22.2
12	22.2	21.9	22.1	22.2	21.9	22.0	22.3	21.9	22.1	22.2	21.9	22.0
13	22.1	21.8	22.0	22.0	21.7	21.9	22.3	22.0	22.2	22.3	21.9	22.1
14	22.2	21.9	22.1	22.2	21.8	22.0	22.3	22.1	22.2	22.3	22.2	22.2
15	22.2	21.8	22.0	22.2	21.9	22.0	22.3	22.0	22.2	22.2	22.2	22.2
16	22.1	21.8	21.9	22.2	22.0	22.1	22.3	22.0	22.2	22.2	22.0	22.1
17	22.1	22.0	22.1	22.1	22.1	22.1	22.3	22.0	22.2	22.3	22.2	22.3
18	22.2	21.8	22.1	22.2	21.9	22.1	22.2	21.9	22.0	22.3	22.1	22.2
19	22.1	21.8	21.9	22.2	21.9	22.0	21.9	21.7	21.8	22.3	22.2	22.2
20	22.2	22.0	22.1	22.3	21.9	22.0	22.1	21.9	22.0	22.3	22.2	22.2
21	22.2	21.9	22.1	22.2	22.0	22.1	22.1	21.9	22.0	22.3	22.2	22.2
22	22.1	21.8	21.9	22.2	22.0	22.1	22.2	21.9	22.0	22.3	22.1	22.2
23	22.2	21.9	22.0	22.3	22.0	22.2	22.2	21.9	22.1	22.3	22.2	22.3
24	22.1	22.0	22.0	22.3	21.7	21.9	22.0	21.8	21.9	22.3	22.2	22.3
25	22.2	21.9	22.1	21.9	21.7	21.8	22.0	21.8	21.9	22.3	21.0	21.8
26	22.2	21.9	22.0	22.1	21.8	21.9	22.2	22.0	22.0	21.6	21.6	21.6
27	22.1	22.0	22.1	22.2	22.0	22.0	22.2	22.0	22.1	21.9	21.6	21.7
28	22.1	21.9	22.0	22.2	22.0	22.1	22.2	22.0	22.1	22.0	21.9	21.9
29	---	---	---	22.2	22.0	22.1	22.3	22.0	22.1	22.0	22.0	22.0
30	---	---	---	22.2	22.1	22.1	22.3	22.0	22.1	22.0	21.9	22.0
31	---	---	---	22.3	22.0	22.2	---	---	---	22.0	21.9	21.9
Month	22.3	21.8	22.0	22.3	21.7	22.0	22.3	21.7	22.1	22.3	21.0	22.1

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	22.0	21.9	22.0	22.3	22.3	22.3	22.4	22.4	22.4	22.2	22.2	22.2
2	22.0	22.0	22.0	22.3	22.3	22.3	22.4	22.4	22.4	22.2	22.2	22.2
3	22.0	22.0	22.0	22.3	22.3	22.3	22.4	22.4	22.4	22.2	22.2	22.2
4	22.1	22.0	22.0	22.3	22.3	22.3	22.4	22.4	22.4	22.2	22.2	22.2
5	22.1	22.0	22.0	22.3	22.3	22.3	22.4	22.4	22.4	22.2	22.2	22.2
6	22.1	22.1	22.1	22.3	22.3	22.3	22.4	22.4	22.4	22.2	22.2	22.2
7	22.1	22.1	22.1	22.3	22.3	22.3	22.4	22.2	22.3	22.2	22.2	22.2
8	22.1	22.1	22.1	22.3	22.3	22.3	22.2	22.1	22.2	22.2	22.2	22.2
9	22.1	22.1	22.1	22.4	22.3	22.3	22.2	22.2	22.2	22.2	22.2	22.2
10	22.1	22.1	22.1	22.3	22.3	22.3	22.2	22.2	22.2	22.2	22.2	22.2
11	22.2	22.1	22.1	22.3	22.3	22.3	22.2	22.1	22.2	22.2	22.1	22.2
12	22.2	22.1	22.1	22.4	22.3	22.3	22.2	22.2	22.2	22.2	22.1	22.2
13	22.2	22.1	22.1	22.4	22.3	22.3	22.2	22.2	22.2	22.2	22.2	22.2
14	22.2	22.1	22.2	22.4	22.3	22.3	22.2	22.2	22.2	22.2	22.1	22.2
15	22.2	22.1	22.2	22.4	22.3	22.3	22.2	22.2	22.2	22.2	22.1	22.2
16	22.2	22.1	22.2	22.3	22.3	22.3	22.2	22.2	22.2	22.2	22.1	22.2
17	22.2	22.1	22.2	22.3	22.3	22.3	22.2	22.2	22.2	22.2	22.1	22.2
18	22.3	22.2	22.2	22.3	22.3	22.3	22.2	22.2	22.2	22.2	22.1	22.2
19	22.2	22.2	22.2	22.4	22.3	22.3	22.2	22.2	22.2	22.2	22.1	22.1
20	22.2	22.2	22.2	22.4	22.3	22.3	22.2	22.2	22.2	22.2	22.1	22.2
21	22.3	22.2	22.2	22.4	22.3	22.4	22.2	22.2	22.2	22.2	22.1	22.2
22	22.2	22.2	22.2	22.4	22.3	22.4	22.2	22.2	22.2	22.2	22.1	22.2
23	22.2	22.2	22.2	22.4	22.3	22.4	22.2	22.2	22.2	22.2	22.2	22.2
24	22.3	22.2	22.2	22.4	22.3	22.4	22.2	22.2	22.2	22.2	22.1	22.2
25	22.3	22.2	22.2	22.4	22.4	22.4	22.2	22.2	22.2	22.2	22.1	22.2
26	22.3	22.2	22.3	22.4	22.4	22.4	22.2	22.2	22.2	22.2	22.1	22.2
27	22.3	22.2	22.3	22.4	22.3	22.4	22.2	22.2	22.2	22.2	22.1	22.2
28	22.3	22.2	22.3	22.4	22.3	22.4	22.2	22.2	22.2	22.2	22.1	22.2
29	22.3	22.3	22.3	22.4	22.4	22.4	22.2	22.2	22.2	22.2	22.1	22.1
30	22.3	22.2	22.3	22.4	22.4	22.4	22.2	22.2	22.2	22.2	22.1	22.1
31	---	---	---	22.4	22.4	22.4	22.2	22.2	22.2	---	---	---
Month	22.3	21.9	22.2	22.4	22.3	22.3	22.4	22.1	22.2	22.2	22.1	22.2

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued



WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 1 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Depth to water level, below land surface datum (LSD), meters (30210)	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	Flow rate, instantaneous, gallons per minute (00059)
12-11-2012	**1400**	Groundwater	Regular	--	8.7	91.3	299.38	6.4	--	0.66
01-09-2013	**1630**	Groundwater	Regular	--	--	87.8	287.90	7.0	--	.56
01-11-2013	**1200**	Groundwater	Regular	736	--	87.4	286.72	6.4	75	.68

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 2 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	pH, water, unfiltered, field, standard units (00400)	pH, water, unfiltered, laboratory, standard units (00403)	Specific conductance, water, unfiltered, laboratory, µS/cm at 25°C (90095)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	alpha-HCH-d6, surrogate, water, filtered (0.7 micron glass fiber filter), percent recovery (91065)	Diazinon-d10, surrogate, water, filtered (0.7 micron glass fiber filter), percent recovery (91063)
12-11-2012	**1400**	7.2	7.4	528	522	20.7	0.3	94.9	95.1
01-09-2013	**1630**	7.1	7.3	506	499	21.1	.4	111	103
01-11-2013	**1200**	7.2	7.5	547	550	21.2	.8	99.3	99.2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 3 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Sample purpose (71999)	Sample volume, Schedule 2001, mL (99856)	Sampler type (84164)	Sampling condition (72006)	Sampling method (82398)	Purpose, site visit (50280)
12-11-2012	**1400**	Routine	941	Sbmrsbl piston	Pumping	Submersible pump	Primary groundwater
01-09-2013	**1630**	Routine	947	Sbmrsbl piston	Pumping	Submersible pump	Primary groundwater
01-11-2013	**1200**	Routine	919	Sbmrsbl piston	Pumping	Submersible pump	Primary groundwater

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 4 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Type of quality assurance data associated with sample (99111)	Chemical oxygen demand, high level, water, unfiltered, milligrams per liter (00340)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Dissolved solids, water, filtered, tons per acre-foot (70303)	Hardness, water, mg/L as $CaCO_3$ (00900)	Suspended solids, water, unfiltered, mg/L (00530)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)
12-11-2012	**1400**	No assoc QA data	< 10	313	0.43	295	< 15	96.8	12.8
01-09-2013	**1630**	No assoc QA data	< 10	281	.38	280	< 15	93.9	11.0
01-11-2013	**1200**	No assoc QA data	< 10	351	.48	291	< 15	100	9.68

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 5 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Potassium, water, filtered, mg/L (00935)	Sodium adsorption ratio, water, number (00931)	Sodium fraction of cations, water, percent in equivalents of major cations (00932)	Sodium, water, filtered, mg/L (00930)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Hydrogen ion, water, unfiltered, calculated, mg/L (00191)	Silica, water, filtered, mg/L as SiO_2 (00955)	Sulfate, water, filtered, mg/L (00945)
12-11-2012	**1400**	0.99	0.12	3	4.63	7.46	0.10	0.00006	12.0	18.7
01-09-2013	**1630**	.90	.11	3	4.25	7.66	.10	.00008	12.1	10.5
01-11-2013	**1200**	.93	.13	4	5.20	8.59	.07	.00007	11.9	27.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 6 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as NH4 (71846)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrate, water, filtered, mg/L (71851)	Nitrate, water, filtered, mg/L as N (00618)	Nitrite, water, filtered, mg/L (71856)	Nitrite, water, filtered, mg/L as N (00613)
12-11-2012	**1400**	< .07	0.08	< .013	< .010	1.27	5.60	1.27	< .003	< .001
01-09-2013	**1630**	< .07	< .07	< .013	< .010	1.20	5.30	1.20	< .003	< .001
01-11-2013	**1200**	< .07	< .07	< .013	< .010	1.35	5.99	1.35	< .003	< .001

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 7 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Organic nitrogen, water, filtered, mg/L (00607)	Organic nitrogen, water, unfiltered, mg/L (00605)	Orthophosphate, water, filtered, mg/L (00660)	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, mg/L (00602)	Total nitrogen, water, unfiltered, mg/L (00600)
12-11-2012	**1400**	< .07	< .08	0.042	0.014	0.010	0.010	< 1.3	1.3
01-09-2013	**1630**	< .07	< .07	.040	.013	.011	.010	< 1.3	< 1.3
01-11-2013	**1200**	< .07	< .07	.040	.013	.009	.013	< 1.4	< 1.4

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 8 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Aluminum, water, filtered, µg/L (01106)	Barium, water, filtered, µg/L (01005)	Beryllium, water, filtered, µg/L (01010)	Cadmium, water, filtered, µg/L (01025)	Chromium, water, filtered, µg/L (01030)	Cobalt, water, filtered, µg/L (01035)	Copper, water, filtered, µg/L (01040)	Iron, water, filtered, µg/L (01046)	Lead, water, filtered, µg/L (01049)
12-11-2012	**1400**	< 2.2	33.5	< .006	< .016	0.18	0.050	< .80	< 4.0	0.436
01-09-2013	**1630**	19.4	30.7	< .006	< .016	.19	.048	< .80	13.9	.318
01-11-2013	**1200**	4.9	34.5	< .006	< .016	.21	.036	< .80	< 4.0	.188

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 9 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Manganese, water, filtered, µg/L (01056)	Mercury, water, unfiltered, recoverable, µg/L (71900)	Molybdenum, water, filtered, µg/L (01060)	Nickel, water, filtered, µg/L (01065)	Silver, water, filtered, µg/L (01075)	Zinc, water, filtered, µg/L (01090)	Antimony, water, filtered, µg/L (01095)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, µg/L (04040)
12-11-2012	**1400**	0.31	< .005	0.794	0.53	< .005	< 1.4	< .027	< .0060	E .004
01-09-2013	**1630**	1.15	< .005	.646	.56	< .005	< 1.4	.053	< .0060	E .004
01-11-2013	**1200**	.22	< .005	.474	.40	< .005	< 1.4	.050	< .0060	E .005

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 10 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Aceto-chlor, water, filtered, recover-able, µg/L (49260)	Alachlor, water, filtered, recover-able, µg/L (46342)	alpha-HCH, water, filtered, recover-able, µg/L (34253)	Atrazine, water, filtered, recover-able, µg/L (39632)	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recover-able, µg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	Butylate, water, filtered, recover-able, µg/L (04028)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover-able, µg/L (82680)
12-11-2012	1400	< .010	< .008	< .0040	< .008	< .120	< .014	< .0040	< .060
01-09-2013	1630	< .010	< .008	< .0040	< .008	< .120	< .014	< .0040	< .060
01-11-2013	1200	< .010	< .008	< .0040	< .008	< .120	< .014	< .0040	< .060

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 11 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82674)	Chlor-pyrifos, water, filtered, recover-able, µg/L (38933)	cis-Permeth-rin, water, filtered (0.7 micron glass fiber filter), recover-able, µg/L (82687)	Cyanazine, water, filtered, recover-able, µg/L (04041)	DCPA, water, filtered (0.7 micron glass fiber filter), recover-able, µg/L (82682)	Desulfinyl-fipronil amide, water, filtered, recover-able, µg/L (62169)	Desulfinyl-fipronil, water, filtered, recover-able, µg/L (62170)	Diazinon, water, filtered, recover-able, µg/L (39572)	Dieldrin, water, filtered, recover-able, µg/L (39381)
12-11-2012	1400	< .060	< .0100	< .010	< .022	< .0076	< .029	< .012	< .0060	< .008
01-09-2013	1630	< .060	< .0100	< .010	< .022	< .0076	< .029	< .012	< .0060	< .008
01-11-2013	1200	< .060	< .0100	< .010	< .022	< .0076	< .029	< .012	< .0060	< .008

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 12 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82677)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82668)	Ethalfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82663)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82672)	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)	Fonofos, water, filtered, recoverable, µg/L (04095)	Lindane, water, filtered, recoverable, µg/L (39341)
12-11-2012	1400	< .040	< .0056	< .006	< .016	< .016	< .024	< .018	< .0048	< .0040
01-09-2013	1630	< .040	< .0056	< .006	< .016	< .016	< .024	< .018	< .0048	< .0040
01-11-2013	1200	< .040	< .0056	< .006	< .016	< .016	< .024	< .018	< .0048	< .0040

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 13 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Linuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82666)	Malathion, water, filtered, recoverable, µg/L (39532)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)	Molinate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82671)	Napropamide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82684)	p,p'-DDE, water, filtered, recoverable, µg/L (34653)	Parathion, water, filtered, recoverable, µg/L (39542)
12-11-2012	1400	< .060	< .016	< .008	< .012	< .012	< .0080	< .010	< .005	< .020
01-09-2013	1630	< .060	< .016	< .008	< .012	< .012	< .0080	< .010	< .005	< .020
01-11-2013	1200	< .060	< .016	< .008	< .012	< .012	< .0080	< .010	< .005	< .020

293855098234801 Local number AY-68-21-903 (TPC-Cibolo Canyon)—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 14 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Pebulate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82669)	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)	Prometon, water, filtered, recoverable, µg/L (04037)	Propachlor, water, filtered, recoverable, µg/L (04024)	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82679)	Propargite, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82685)	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676)	Simazine, water, filtered, recoverable, µg/L (04035)
12-11-2012	**1400**	< .0160	< .012	< .020	< .012	< .006	< .010	< .020	< .0080	< .006
01-09-2013	**1630**	< .0160	< .012	< .020	< .012	< .006	< .010	< .020	< .0080	< .006
01-11-2013	**1200**	< .0160	< .012	< .020	< .012	< .006	< .010	< .020	< .0080	< .006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 15 of 15

[%, percent; $CaCO_3$, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft, feet; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Tebuthiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Terbacil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82665)	Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675)	Thiobencarb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82681)	Triallate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82678)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82661)	Uranium (natural), water, filtered, µg/L (22703)	NWIS lot number, capsule filter, 0.45 micron (99206)
12-11-2012	**1400**	< .028	< .024	< .018	< .016	< .0046	< .018	0.830	10,014
01-09-2013	**1630**	< .028	< .024	< .018	< .016	< .0046	< .018	.820	10,014
01-11-2013	**1200**	< .028	< .024	< .018	< .016	< .0046	< .018	.774	10,014