

**Central Water Handling Facility Groundwater Monitoring Results - Through 6/8/2015**

Location /Date	Organics in Water (mg/L)						Anions in Water (mg/L)						Dissolved Metals in Water (mg/L)						Inorganics in Water (mg/L)					Water Level (BGS - ft)
	TPH DRO <0.1	TPH GRO <0.1	Benzene 0.005 mg/L	Toluene 1.0 mg/L	Ethylbenzene 10000 mg/L	Xylenes 10 mg/L	Bromide (Br) <1.25 X Background	Chloride (Cl) <1.25 X Background	Fluoride (F)	Nitrogen, Nitrate (NO <sub>3</sub> )	Nitrogen, Nitrite (NO <sub>2</sub> )	Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <1.25 X Background	Calcium	Iron	Magnesium	Manganese	Potassium	Selenium	Sodium	pH	Specific Conductivity (mS/cm) <4, or 2X Background	Total Alkalinity	Total Dissolved Solids <1.25 X Background	
MW-1																								
12/16/2013	<0.1	<0.1	<0.5	<5.0	<0.5	<1.5	<1.0	67	0.62	1	<0.1	130	82	<0.1	52	0.01	3.0	<0.02	91	7.90	1.1	350	660	
02/27/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	68	0.64	1	<0.01	140	82	<0.1	52	<0.01	2.8	0.005	91	7.10	1.1	360	600	96.50
05/20/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	66	0.58	1	<0.1	140	79	<0.1	55	<0.01	2.9	0.006	88	7.50	1.1	310	620	94.10
07/21/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	68	0.60	2	<0.1	140	89	<0.1	57	<0.01	3.9	0.004	88	8.20	1.1	370	690	79.65
08/20/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	67	0.55	2	<0.1	140	88	<0.1	57	<0.01	3.0	0.004	82	7.50	1.1	360	760	77.58
10/27/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	63	0.50	1	<0.1	140								7.57	1.1	360	764	87.31
11/24/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		64				140								7.30	1.1		526	89.95
12/01/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	70	0.64	1	<0.1	140	86	<0.1	58		3.1	<0.02	88	7.68	0.6	370	379	90.31
12/08/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		64				140								6.50	1.1		734	90.70
12/15/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		66				150								7.10	1.2		728	91.02
12/22/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		64				150								7.40	1.1		786	91.52
12/29/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		160				350								7.81	1.1		728	92.10
01/27/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	64	0.51	1.4	<0.1	140	87	<0.1	57	NA	4.5	0.011	100	7.10	1.1	370	520	94.70
03/13/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	62	0.61	1.5	<0.1	146	88	<0.1	55	<0.01	3.2	0.003	93.3	7.40	1.1	390	715	97.80
04/25/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	68	0.55	1.5	<0.1	132	84	<0.1	54	<0.01	3.4	0.012	93.7	7.10	1.1	360	700	97.38
06/08/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	71	0.52	1.7	<0.1	145	92	<0.1	58	<0.01	3.3	0.003	88.8	7.84	1.1	400	952	85.64
07/16/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	64.9	0.56	1.8	<0.1	146	90	<0.1	57	<0.01	3.3	0.003	85.2	7.26	1.2	383	774	75.63
08/31/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	63	0.52	1.8	<0.1	167	82	<0.1	54	<0.005	2.8	0.003	79.1	7.39	1.2	406	767	71.17
MW-2																								
12/16/2013	<0.1	<0.1	<0.5	<5.0	<0.5	<1.5	<1.0	64	0.53	1.4	<0.1	130	88	<0.1	54	<0.01	2.8	<0.02	74	8.50	1.1	330	630	68.10
02/27/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	64	0.52	1.3	<0.1	130	86	<0.1	51	<0.01	2.7	0.005	74	7.00	1.1	330	650	64.50
05/20/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	68	0.57	1.5	<0.1	140	83	<0.1	56	<0.01	2.8	0.006	78	7.50	1.1	300	630	62.97
07/21/2014	0.15	<0.1	<0.001	<0.005	<0.001	<0.003	6.1	910	0.40	<0.1	<0.1	140	290	<0.1	180	0.64	6.6	0.016	180	7.60	3.6	380	3000	47.40
08/07/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	4.0	650	0.36	<0.1	<0.1	160	230	<0.1	140	0.61	5.9	0.024	220	7.20	2.9	400	1900	45.02
08/20/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	3.1	470	0.40	<0.1	<0.1	150	180	<0.1	110	0.50	4.7	0.006	190	7.40	2.5	400	1500	44.80
10/27/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	130	0.50	<0.1	<0.1	170								7.53	1.4	400	897	53.95
11/24/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		170				160								7.20	1.5		507	56.96
12/01/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	170	0.60	<0.1	<0.1	150	93	<0.1	59	0.28	3.5	<0.02	160	7.58	1.5	410	962	57.49
12/08/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		130				150								6.90	1.4		923	58.02
12/15/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		120				150								6.80	1.4		884	58.49
12/22/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		110				150								7.40	1.3		962	55.94
12/29/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		230				370								7.20	1.3		845	54.94
01/27/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	61	0.53	<0.1	<0.1	150	79	<0.1	47	NA	4.1	0.006	120	7.10	1.2	380	748	62.33
03/13/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	59	0.61	<0.1	<0.1	144	83	<0.1	49	0.18	3.0	<0.002	106	7.50	1.1	370	722	65.41
04/25/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	66	0.53	0.3	<0.1	151	83	<0.1	50	0.09	3.6	0.011	99.9	7.10	1.1	350	700	65.45
06/08/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	150	0.49	0.1	<0.1	151	102	<0.1	59	0.03	3.6	<0.002	130	7.49	1.4	430	1080	54.23
07/16/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	126	0.52	0.4	<0.1	141	101	<0.1	60	0.11	3.6	<0.002	124	7.34	1.4	407	917	43.32
08/31/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	69.1	0.50	<0.1	<0.1	173	77	<0.1	47	0.17	3.0	<0.002	111	7.40	1.2	415	787	38.13
MW-3																								
12/16/2013	<0.1	<0.1	<0.5	<5.0	<0.5	<1.5	<1.0	69	0.55	1.3	<0.1	140	90	<0.1	57	<0.01	2.9	<0.02	78	7.80	1.1	340	650	71.50
02/27/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	70	0.53	1.4	<0.1	140	87	<0.1	54	<0.01	2.9	0.005	83	7.20	1.1	340	670	67.93
05/20/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	61	0.47	1.4	<0.1	130	86	<0.1	55	<0.01	2.7	0.005	74	7.50	1.1	340	650	66.45
07/21/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	68	0.59	1.4	<0.1	130	91	<0.1	56	<0.01	3.9	0.004	81	7.80	1.1	350	670	51.91
08/20/2014	<0.11	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	74	0.60	1.4	<0.1	140	93	<0.1	61	<0.01	3.0	0.004	78	7.40	1.1	360	820	48.90
10/27/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	64	0.48	1.2	<0.1	140								7.62	1.1	350	560	57.18
11/24/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		63				140								7.30	1.1		708	60.02
12/01/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	68	0.62	1.6	<0.1	140	89	<0.1	59	<0.01	3.1	<0.02	81	7.72	0.6	380	377	60.58
12/08/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		62				140								7.00	1.1		728	61.05
12/15/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		63				140												

12/22/2014	<0.1	0.14	<0.001	<0.005	<0.001	<0.003		74				140								7.30	1.1		721	61.75
12/29/2014	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003		150				350								7.72	1.1		721	62.54
01/27/2015	<0.1	0.18	<0.001	<0.005	<0.001	<0.003	<1.0	62	0.47	1.6	<0.1	140	91	<0.1	57	NA	4.1	0.009	87	7.10	1.1	360	728	65.15
03/13/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	62	0.56	1.7	<0.1	141	93	<0.1	57	<0.01	3.1	0.004	83.6	7.30	1.1	360	722	68.35
04/25/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	70	0.49	1.8	<0.1	144	91	<0.1	56	<0.01	3.4	<0.002	82.3	7.10	1.1	350	700	68.58
06/08/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	68	0.53	1.9	<0.1	148	93	<0.1	57	<0.01	3.3	0.004	81.9	8.04	1.1	380	992	57.84
07/16/2015	0.12	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	64	0.54	1.8	<0.1	137	94	<0.1	58	<0.01	3.3	0.004	82.3	7.31	1.2	373	767	47.81
08/31/2015	<0.1	<0.1	<0.001	<0.005	<0.001	<0.003	<1.0	62	0.48	1.9	<0.1	156	86	<0.1	54	<0.005	3.1	0.003	76.7	7.40	1.2	398	754	41.25

<## - Analyte not detected above method detection limit

mg/L - milligrams per liter

mhos/cm - millimhos per centimeter