Table 3
Former Tank Farm Area 2016 Groundwater Analytical Results

Parameter	FTF Area COCs					Other FTF Area COPCs																	
	Acetone	Methyl Isobutyl Ketone (MIBK)	Xylene (total)	Chloromethane	Methylene Chloride	1,2,4-Trimethylbenzene	1,4-Dioxane	Benzene	Ethylbenzene	Methyl Tert Butyl Ether	Vinyl Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Benzo(a)anthracene	Chrysene	Naphthalene	C9-C10 Aromatics (Unadj.)	C9-C12 Aliphatics	C9-C12 Aliphatics (Unadj.)	C11-C22 Aromatics	C11-C22 Aromatics (Unadj.)	C9-C18 Aliphatics (Unadj.)	4-Chloroaniline
Screening Level	**Concentration (ug/L)**																						
USEPA MCL or Tap Water RSL	14000	6300	10000	190	5	15	0.46	5	700	14	2	1.1	36	0.012	3.4	0.17	5.5	100	100	5.5	5.5	100	0.37
PRWQS[1]	---	---	10000	---	46	---	---	5	530	14	0.25	---	---	0.038	0.038	0.17	---	---	---	---	---	---	---
USEPA Residential GW VI	18000000	420000	290	230	630	21	2200	1.3	2.6	370	0.13	---	---	---	---	3.2	---	---	---	---	---	---	---
USEPA Industrial GW VI	77000000	1800000	1200	960	7600	89	9600	5.6	12	1600	2.1	---	---	---	---	14	---	---	---	---	---	---	---
Sample Round	**MW-3**																						
Q1-16	<10	<5	1.6	<1	<2	0.58 J	<0.1	0.32 J	0.45 J	<1	<1	59.2 J	52.4	<1	<5	3.6	NA	NA	NA	313	363	<100	<5
Q2-16	<25	<5	0.58 J	<2	<5	0.3 J	<0.11	<1	<1	<1	<1	35.9	33.3	<1.1	<1.1	2.19	232	108	342	256	289	<110	<5.6
Q3-16	<25	<5	1.19 J	<2	<5 J	0.42 J	0.262	0.23 J	0.32 J	<1	<1	70.7	73.2	<1	<1	3.63	377	125	506	440	524	<100	<5
Q4-16	<25	<5	<2	<2	<5	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<0.1	<0.1	<50	18.5 J	63.9 J	101	106	21.7 J	<5
	MW-5																						
Q1-16	<10	<5	2480	<1	<2	1.9 J	0.734	7.4	1040	11.8	<1	1 J	0.63 J	<1.1	<1.1	2.7 J	NA	NA	NA	82.8 J	85.5 J	<110	<5.3
Q2-16	<25	<5	273	<2	<5	0.28 J	0.568	3.3	76.7	6.1	<1	<1.1	<1.1	<1.1	<1.1	1.09	55.3	84.6	476	<110	<110	<110	<5.6
Q3-16	<25 J	<5	35	<2	<5	<1	0.76	2.3	3.1	8.2	<1	0.49 J	<1	<1	<1	0.729	50.3	30.3 J	115 J	55.6 J	65.4 J	<100	0.6 J
Q4-16	<25	<5	48	<2	<5	<1	0.598	0.23 J	16.6	5.7	<1	<1	<1	<1	<1	<0.1	<50	26.2 J	93.3	<100	<100	<100	<5.1
	MW-7																						
Q1-16	<10	<5	6.3	<1	<2	<2	1.72	<0.5	1.7	0.56 J	<1	<1.1 J	<1.1	<5.2	<1.1	<1.1	NA	NA	NA	<100	<100	<100	<5.3
Q2-16	<25	<5	16.75	<2	<5	<1	1.36	<1	8.1	<1	<1	<1.1	<1.1	<1.1	<1.1	<0.11	<50	<50	34.5 J	42.4 J	42.4 J	<100	<5.3
Q3-16	<25	<5	1.7 J	<2	<5 J	<1	1.57	<1	1.1	0.32 J	<1	<1	<1	<1	<1	<0.1	<50	<50	53.5	<110	<110	<110	<5
Q4-16	<25	<5	0.71 J	<2	<5	<1	1.64	<1	1.1	0.34 J	<1	<1	<1	<0.051	<1	<0.1	<50	<50	<50	71.1 J	72.5 J	<100	<5.1
	MW-9																						
Q1-16	<10	<5	0.67 J	<1	<2	<2	0.479	<0.5	0.36 J	<1	<1	<1 J	<1 J	<1	<1	<0.1	NA	NA	NA	NA	NA	NA	<5.1
Q2-16	<25	<5	<2	<2	<5	<1	0.398	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	NA	NA	NA	NA	NA	NA	<5
Q3-16	<25	<5	<2	<2	<5	<1	0.669	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	<50	<50 J	<50	<110	<110	<110	<5
Q4-16	<25	<5	<2	<2	<5	<1	0.486	<1	<1	<1	<1	<1.1	<1.1	<0.056	<1.1	<0.11	<50	<50	<50	<100	<100	<100	<5.6
	MW-13																						
Q1-16	<10	<5	<1	<1	<2	<2	<0.1	<0.5	<1	<1	<1	<1 J	<5.2	<5.2	<5.2	<5.2	NA	NA	NA	<100	<100	<100	1.3 J
Q2-16	<25	<5	<2	<2	<5	<1	0.152	<1	<1	<1	<1	<1.1	<1.1	<1.1	<1.1	<0.11	<50	<50	31.7 J	NA	NA	NA	1.8 J
Q3-16	<25	<5	<2	<2	<5 J	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	<50	<50	<50	<100	<100	<100	1.8 J
Q4-16	<25	<5	<2	<2	<5	<1	0.16	<1	<1	<1	<1	<1.1	<1.1	<1.1	<1.1	<0.11	<50	<50	<50	38.9 J	39.3 J	<100	1.1 J
	MW-14																						
Q1-16	<10	<5 J	<1	<1	<2	<2	1.76	<0.5	<1	<1	<1	<1	<1	<5.1	<5.1	<5.1	NA	NA	NA	<100	<100	<100	0.9 J
Q2-16	<25	<5	<2	<2	<5	<1	3.07	<1	<1	29.2	<1	<1	<1	<1	<1	<0.1	99.9	36.1 J	136	86.5 J	86.5 J	<110	<5.2
Q3-16	<25	<5	<2	<2	<5	<1	2.08	0.23 J	<1 J	<1	<1	<1	<1	<1	<1	<0.1	<50	<50	<50	<110	<110	<110	1.1 J
Q4-16	<25	<5	<2	<2	<5	<1	2.71	0.27 J	<1	0.81 J	<1	<1	<1	<0.051	<1	<0.1	<50	<50 J	<50	<100	<100	17.7 J	<5.1
	MW-15																						
Q1-16	<10	<5	0.41 J	<1	<2	<2	5	<0.5	<1	34.9	<1	<1	<5.3	<5.3	<1	<1	NA	NA	NA	97.3 J	97.3 J	<110	<5.2
Q2-16	<25	<5	<2	<2	<5	<1	1.57	<1	<1	<1	<1	<1.1	<1.1	<1.1	<1.1	<0.11	<50	<50	<50	<110	<110	<110	<5.6
Q3-16	<25	<5	<2	<2	<5	<1	3.28	<1	<1 J	17.4	<1	<1	<1	<1	<1	<0.1	94.7	35.3 J	130	75.2 J	80.1 J	<100	0.81 J
Q4-16	<25	<5	<2	<2	<5	<1	2.88	<1	<1	18.1	<1	<1	<1	<1	<1	<0.1	90	63.3 J	154 J	<100	<100	21 J	<5
	MW-16																						
Q1-16	<10	<5	<1	<1	<2	<2	0.388	<0.5	<1	<1	<1	<1.1 J	<5.1	<1.1	<1.1	<5.1	NA	NA	NA	<100	<100	<100	<5.3
Q2-16	<25	<5	<2	<2	<5	<1	0.334	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	<50	<50	<50	<110	<110	<110	<5.1
Q3-16	<25	<5	<2	<2	<5	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	<50	<50 J	<50	<110	<110	<110	<5
Q4-16	<25	<5	<2	<2	<5	<1	0.572 J	<1	<1	<1	<1 J	<1 J	<1 J	<1 J	<1 J	<0.1 J	<50	<50	<50	<100	<100	<100	<5.1 J

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	Acetone	Methyl Isobutyl Ketone (MIBK)	Xylene (total)	Chloromethane	Methylene Chloride	1,2,4-Trimethylbenzene	1,4-Dioxane	Benzene	Ethylbenzene	Methyl Tert Butyl Ether	Vinyl Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Benzo(a)anthracene	Chrysene	Naphthalene	C9-C10 Aromatics (Unadj.)	C9-C12 Aliphatics	C9-C12 Aliphatics (Unadj.)	C11-C22 Aromatics	C11-C22 Aromatics (Unadj.)	C9-C18 Aliphatics (Unadj.)	4-Chloroaniline
Screening Level	**Concentration (ug/L)**																						
USEPA MCL or Tap Water RSL	14000	6300	10000	190	5	15	0.46	5	700	14	2	1.1	36	0.012	3.4	0.17	5.5	100	100	5.5	5.5	100	0.37
PRWQS[1]	---	---	10000	---	46	---	---	5	530	14	0.25	---	---	0.038	0.038	0.17	---	---	---	---	---	---	---
USEPA Residential GW VI	18000000	420000	290	230	630	21	2200	1.3	2.6	370	0.13	---	---	---	---	3.2	---	---	---	---	---	---	---
USEPA Industrial GW VI	77000000	1800000	1200	960	7600	89	9600	5.6	12	1600	2.1	---	---	---	---	14	---	---	---	---	---	---	---
	MW-17																						
Q1-16	<10	<5	0.94 J	<1	<2	<2	12.4	<0.5	<1	3.8	<1	<1	<1	<1	<5.4	<0.1	NA	NA	NA	178	181	<110	<5.2
Q2-16	<25	<5	<2	<2	<5	<1	13.6	<1	<1	1.3	<1	<1.1	<1.1	<1.1	<1.1	<0.11	102	70.7	174	168	172	<110	7.5
Q3-16	<25 J	<5	<2	<2	<5	<1	6.2	<1	<1	2.3	<1	<1	<1	<1	<1	<0.1	111	56	167	164	167	120	<5.1 J
Q4-16	<25	<5	<2	<2	<5	<1	16.7	<1	<1	1.1	<1	<1.1	<1.1	<1.1	<0.11	<0.11	66.9	57.6 J	126 J	156	156	68.6 J	<5.4
	MW-18																						
Q1-16	<10	<5	4.7	<1	<2	<2	2.11	<0.5	1.5	0.34 J	0.26 J	<1.1	<1.1	<1.1	<1.1	<0.11	NA	NA	NA	135	139	<100	<5.4
Q2-16	<25	<5	0.69 J	<2	<5	<1	0.723	0.3 J	<1	<1	<1	2.6	<1.1	<1.1	<1.1	<0.11	128	67.9	197	136	141	<110	<5.4
Q3-16	<25	<5	1.3 J	<2	<5	0.21 J	2.92	0.6 J	<1	<1	<1	17.6	2.5	<1	<1	<0.1	277	76.6 J	358 J	256	263	<110	<5
Q4-16	<25	<5	<2	<2	<5	<1	<0.1	<1	<1	<1	<1	<1	<1	<0.051	<0.1	<0.1	<50	<50 J	<50	<100	<100	17.8 J	<5.1
	MW-19																						
Q2-16	<1300	<250	19850	<100	<250	<50	<0.11	<50	6460	<50	<50	2	2.3	<1.1	<1.1	2.75	100	65.3	19500	<110	<110	72.7 J	<5.3
Q3-16	<630	<130	4736	<50	<130	<25	0.736	<25	1840	<25	<25	1.6	1.7	0.47 J	<1	2.06	73.7	729 J	7410 J	<320	<320	<320	<5.1
Q4-16	<1300	<250	6987	<100	<250	32.1 J	0.262	<50	3020	<50	<50	1.4	1.4	0.427	<1	1.51	68	2430 J	8900 J	45.7 J	51.2 J	<100	<5.1

Notes:

[1] April 2016 Puerto Rico Water Quality Standards Regulation for Class SG groundwater

--- USEPA and/or PREQB have not developed a screening level for this compound.

Values which exceed a Drinking Water Quality Standard (USEPA MCL, USEPA Tapwater RSL, PRWQS) and/or a USEPA Groundwater Concentration for Vapor Intrusion are shown highlighted yellow.

Sample results with elevated reporting limits, due to sample dilution from the presence of other target compounds, that are above USEPA and PREQB groundwater action levels are shaded gray.

J - Indicates an estimated value.

NA - Sample was not analyzed for this parameter.