SDMS DocID 2140951

PFE ORIGINAL

Contaminant	Max. Concentration		Location	Qualifier J JB	Locations and concentration of glycols
Butyl benzl phyhalate	0.54	(ug/l)	D-1	J	
Di-n-butyl phthalate	0.87	(ug/l)	TC-1	J	
Trienthylene Glycol	4	mg/l	KDE-1	JB	Ex. 6 - Personal Privacy (J), D1 (unknown location 3200 (J), D1 UNKN 3200 (J), TC1 UNKN 2700 (JB),
2,2'-Oxybisethanol	3.6	mg/l	KDE-1	J	Ex. 6 - Personal Privacy TC1 UNKN 1800 (J) AW 580 (J)
Diethylthalate	0.2	(ug/l)	AW-2	J	
GRO (C6-C10)	17	(ug/l)	AW-2	J	
Bis(2-ethylhexyl) phthalate * 3×10^{-5}	22	(ug/l)	KDE-1		
2-Methylnaphthalene	0.022	(ug/l)	H-1	J	
Naphthalene	0.37	(ug/l)	H-1		
Phenanthrene	0.048	(ug/l)	N-1	J	
1-Methylnaphthalene	0.025	(ug/l)	H-1	J	
Ethylene Glycol	1.6	mg/l	H-1	J	Ex. 6 - Personal Privacy
2-Methoxyethanol * 1/6:19	1.5	mg/l	FPT-1	J	Ex. 6 - Personal Privacy
Acetone	4.2	(ug/l)	FPT-1	J	
Acenaphthene	0.03	(ug/l)	N-1	J	
Key- All data is from results submitted by Cabot from Test America sampling performed in August and September 2011 except Ethylene Glycol results for Ely, Carter and Johnson					
Green text denoted homes with treatment systems installed, remainder of homes have no known treatment.					
Purple text denotes homes not included in current DEP order. Some are unknown locations					

JPS notes

Ex. 6 - Personal Privacy

Contaminant (ug/L)	Pre- drilling	Pre-drilling	Pre-drilling	Pre-drilling	Pre-drilling	Pre-drilling	Pre-drilling	Pre-drilling	New Risk based on Children's exposure
Aluminum			<10				55		16,000
Chloride	7900	12700	2950	5300	4600	<2000	10000	14000	Chlorite (Sodium salt) 470
Iron	30	11	<200	<5	120	<50	390	<50	11,000
Magnesium	5960	30	4600	4880	630	2270	6500		
Manganese			26				9.8	28	380
Methane									
Ethane									
Propane									
Iso -Butane									
n-Butane									
Ethene									
Arsenic			4.3						4.7

Contaminant (ug/L)	Maye Post drilling	Sautner Post drilling	Mike Ely Post drilling	Carter Post drilling	Scott Ely Post drilling	Teel Post drilling	Johnson Post drilling	Switzer Post drilling	New Risk based on Children's exposure
Aluminum	6050	3140	31.4	4698	3290	3610	44100		16,000
Chloride	90700	156800	7880	62000	11900	5380	25500	14300	Chlorite (Sodium salt) 470
Iron	3390	4517	273	15500	24100	16060	18700	610	11,000
Magnesium	6979	13410	125600	9340	1550	8796	17700	6926	
Manganese	361	628	84	413	669	374	1920	118	380
Methane	19000	294000	56900	25000	64300	3610	5000	11500	
Ethane	979	920	2060	1280	1400	150	77	688	
Propane	24	39.2	98	48.3	10	0.17	0.41	39	
Iso -Butane	0.83	1.1	1.7	0.73	0.17	0.036	<.05	0.37	
n-Butane	1.2	1.7	6.3	1.8	0.046	0.067	<.05	1	
Ethene	27.4	58.6	ND	ND	ND	ND	ND	ND	
Arsenic	3.1	<1	<5	37	6.5	3.3	25	3.3	4.7

diff dates

Ba @ Stover.

pH consistently >9. (backgd: 6.7-6.9)

treatment fouls due to Fe/Mn.

- date & max
- date & xtnd, instal.

before or after	
date & max	

Kauer pre & post & current

Contaminant	Max. Concentration	units		Location	Qualifier J JB
Butyl benzl phyhalate	0.54	(ug/l)		D-1	J
Di-n-butyl phthalate	0.87	(ug/l)		TC-1	J
Triethylene Glycol	4	mg/l		KDE-1	JB
2,2'-Oxybisethanol	3.6	mg/l		TC-1	J
Diethylthalate	0.2	(ug/l)		AW-2	J
GRO (C6-C10) gasoline range (total petroleum HC)	17	(ug/l)		AW-2	J
Bis(2-ethylhexyl) phthalate	22	(ug/l)		KDE-1	
2-Methylnaphthalene	0.022	(ug/l)		H-1	J
Naphthalene	0.37	(ug/l)		H-1	
Phenanthrene	0.048	(ug/l)		N-1	J
1-Methylnaphthalene	0.025	(ug/l)		H-1	J
Ethylene Glycol	1.6	mg/l		H-1	J
2-Methoxyethanol	1.5	mg/l		FPT-1	J
Acetone	4.2	(ug/l)		FPT-1	J
Acenaphthene	0.03	(ug/l)		N-1	J

- date of max
- date of HTMI installation