

					Identifies the more stringent standard							Parameters to be analyzed in subsequent sampling events after the							Indicates exceedences										Major C						
					Hydrocarbons							Dissolved Gases				Misc.			Alkalinity			Major Anions							Major C						
					COGCC Threshold	BDL	BDL	5 ug/L	560 - 1000 ug/L	700 ug/L	1400 - 10,000 ug/L	< 1 mg/L*	NA	NA	1.25 BKG	NA	NA	NA	NA	NA	NA	< 1.25 BKG	< 1.25 BKG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
					EPA Threshold	NA	NA	5 ug/L	1000	700 ug/L	10,000 ug/L	NA	NA	NA	500 mg/L	6.5 - 8.5	NA	NA	NA	NA	NA	250 mg/L	250 mg/L	4 mg/L	1 mg/L	10 mg/L	NA	NA	NA	NA	NA	NA	NA		
Well Pad Associated with Drilling Event	Date Sampled	Sample location ID (well permit #)	Depth to Groundwater (pre-purge)	Depth to Groundwater (@ time of sample)	Sampler:	Total Petroleum Hydrocarbon (TPH) -DRO	Total Petroleum Hydrocarbon (TPH) -GRO	Benzene	Toluene	Ethylbenzene	Xylene	Methane	Ethane	Propane	Total Dissolved Solids	pH	Specific Conductivity	Total Bicarbonate	Carbonate as CaCO3	Bromide	Chloride	Sulfate	Fluoride	Nitrite as N	Nitrate	Phosphorus	Calcium ( Dissolved-Lab to filter)	Magnesium ( Dissolved-Lab to filter)	Potassium ( Dissolved-Lab to filter)						
Downgradient Water Well (DG)	09/05/13	272793	45.9	95.54	KR	ND	ND	ND	ND	ND	ND	-	-	-	1,400	-	-	-	-	-	530	170	-	-	-	-	-	-	-	-					
	06/16/15		45.8	95.6	KR	1.2	ND	ND	ND	ND	ND	ND	0.0057	ND	ND	1,100	8.39	2,100	340	ND	1.9	490	28	4.5*	0.031	0.044	ND	6.6	1.2	1.7					
	06/30/15		56.45	93.4	KR	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	11/17/15		Himes W/ JR	96.1	KR	ND	ND	ND	ND	ND	ND	ND	0.0032	ND	ND	980	8.42	1,900	340	15	1.6	390	35	4.9	0.024	ND	0.054	6.7	1.2	1.7					
	09/27/16		53.45	93.5	KR	ND	ND	ND	ND	ND	ND	ND	3.38	0.0143	ND	1,100	7.21	2,125	366	ND	1.37	385	35.9	4.32	N/A	N/A	N/A	6.21	ND	1.44					
	09/29/16		(re-run of same sample from 9/27/16)	KR	-	-	-	-	-	-	-	-	3.53	-	-	-	N/A		-	-	-	-	-	-	-	-	-	-	-	-	-				
	10/12/16		89.25	89.25 91.5 94.9 98.5	KR	-	-	-	-	-	-	-	5.55	-	-	-	7.29	595	-	-	-	-	-	-	-	-	-	-	-	-	-				
DG Water Well Biogenic/ Thermogenic	10/26/16		93.15	100-105	KR/JR	See Attached IsoTech Lab Report																													
Wasatch Pond (Between the Liners)	10/26/16	Pond	N/A	N/A	KR	6.32	16.4	1.36	2.01	1.39	2.24	8.99	-	-	11,000	7.63	22.8	2,440	ND	42.4	8,010	ND	0.774	ND	ND	3.19	134	15	39.6						
Wasatch Pond (Above Liner)	11/16/16	Pond	N/A	N/A	KR	14.4	7.2	0.21	1.38	0.006	0.494	4.46	-	-	78	8.07	22,700	2,320	ND	41.8	6,390	ND	ND	ND	ND	4.04	135	14.6	45						

