

APPENDIX- C: 2010

2010 Monitoring Data

Data Summary for All Chemicals of Potential Concern (COPCs)
and Toxicity Values

Table C1. 2010 Chemicals with Toxicity Values at the Bell and Rulison Sites in the Rural Oil & Gas Development Area.

Compound	BELL			RULISON		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
Acetaldehyde	0.00	1.777	1.033	0.00	2.595	1.330
Acetone	0.00	4.086	2.851	0.00	4.561	3.603
Benzene	0.00	4.201	1.256	0.00	2.923	1.781
1,3-Butadiene	92.73	0.372	0.071	90.0	0.18	0.088
Crotonaldehyde	5.88	0.467	0.296	0.00	0.439	0.215
Cyclohexane	0.00	11.01	3.569	0.00	7.171	3.667
Ethylbenzene	1.82%	8.142	1.022	2.50	4.961	1.135
Formaldehyde	0.00	2.468	1.412	0.00	2.947	1.579
n-Hexane	0.00	21.68	6.612	0.00	11.04	5.498
Isopropylbenzene	43.64	0.327	0.088	37.50	0.235	0.085
Methylcyclohexane	0.00	17.55	6.198	0.00	13.31	7.478
Nonane	0.00	1.766	0.539	0.00	1.795	0.985
Pentane	0.00	45.62	11.56	0.00	25.38	10.82
Propionaldehyde	11.76	0.247	0.123	11.11	0.333	0.128
Propylene	0.00	1.274	0.523	0.00	1.073	0.555
Propylbenzene	27.27	0.335	0.105	20.00	0.481	0.144
Styrene	70.91	0.296	0.086	77.50	0.353	0.104
Toluene	0.00	6.353	2.232	0.00	7.268	3.657
1,2,3-Trimethylbenzene	52.73	0.399	0.094	57.50	0.194	0.091
1,2,4-Trimethylbenzene	3.64	0.825	0.301	0.00	1.114	0.397
1,3,5-Trimethylbenzene	5.45	0.595	0.175	0.00	0.601	0.331
m-Xylene/p-Xylene	0.0	7.924	1.151	0.00	3.799	1.939
o-Xylene	1.82	0.912	0.26	0.00	0.689	0.360
Aliphatic hydrocarbons C5-C8	NA	149.05	49.559	NA	103.96	49.87
Aliphatic hydrocarbons C9-C18	NA	9.751	2.496	NA	6.330	2.622
Aromatic hydrocarbons C9-C16	NA	2.348	0.654	NA	3.243	0.936

NA = Not Applicable

Table C 1.1. 2010 Chemicals with Toxicity Values at the Parachute and Rifle Sites in the Urban Oil & Gas Development Area

Compound	PARACHUTE			RIFLE		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
Acetaldehyde	0.00%	1.946	1.063	0.00%	2.378	1.621
Acetone	0.00%	4.371	2.934	0.00%	5.202	3.427
Benzene	0.00%	4.015	1.920	0.00%	3.743	1.587
1,3-Butadiene	71.15%	0.658	0.143	40.68%	0.979	0.229
Crotonaldehyde	0.00%	0.381	0.144	0.00%	0.439	0.216
Cyclohexane	0.00%	8.605	3.367	0.00%	7.573	2.278
Ethylbenzene	0.00%	26.6	3.458	0.00%	25.67	2.720
Formaldehyde	1.696	3.168	1.696	0.00%	3.095	1.955
n-Hexane	0.00%	12.1	4.564	0.00%	13.39	4.074
Isopropylbenzene	32.69%	0.165	0.078	32.20%	0.375	0.094
Methylcyclohexane	0.00%	19.79	7.231	0.00%	14.17	4.428
Nonane	0.00%	2.343	1.254	0.00%	2.308	0.675
Pentane	0.00%	21.42	8.669	0.00%	25.85	9.746
Propionaldehyde	7.14%	0.254	0.150	4.17%	0.337	0.190
Propylene	0.00%	1.492	0.679	0.00%	3.224	1.154
Propylbenzene	7.69%	0.303	0.144	6.78%	0.967	0.190
Styrene	73.08%	0.884	0.165	57.63%	0.42	0.100
Toluene	0.00%	17.12	4.569	0.00%	7.591	3.401
1,2,3-Trimethylbenzene	32.69%	0.392	0.107	23.73%	0.27	0.136
1,2,4-Trimethylbenzene	1.92%	0.819	0.461	0.00%	1.431	0.584
1,3,5-Trimethylbenzene	0.00%	0.792	0.444	1.69%	0.934	0.336
m-Xylene/p-Xylene	0.00%	5.808	2.465	0.00%	4.597	1.887
o-Xylene	0.00%	1.661	0.490	0.00%	1.178	0.565
Aliphatic hydrocarbons C5-C8	NA	116.93	40.928	NA	119.26	40.92
Aliphatic hydrocarbons C9-C18	NA	12.936	3.350	NA	10.019	2.703
Aromatic hydrocarbons C9-C16	NA	2.353	0.988	NA	2.566	1.057

NA = Not Applicable

Table C 2. 2010 Total Petroleum Hydrocarbons with Toxicity Values at the Bell and Rulison Sites in the Rural Oil & Gas Development Area.

Compound	BELL			RULISON		
	Max. Conc. $\mu\text{g}/\text{m}^3$	% Samples ND	EPC $\mu\text{g}/\text{m}^3$	Max. Conc. $\mu\text{g}/\text{m}^3$	% Samples ND	EPC $\mu\text{g}/\text{m}^3$
1-Heptene	2.398	10.91	0.831	1.629	5.00	0.885
1-Hexene	0.324	21.82	0.145	0.551	27.50	0.174
1-Octene	0.208	47.27	0.141	0.671	22.50	0.264
1-Pentene	0.236	3.64	0.137	0.54	2.50	0.181
2,2,3-Trimethylpentane	0.853	41.82	0.184	0.423	27.50	0.210
2,2,4-Trimethylpentane	0.783	50.91	0.177	1.548	67.50	0.264
2,2-Dimethylbutane	2.068	0.00	0.612	1.639	0.00	0.824
2,3,4-Trimethylpentane	0.467	30.91	0.113	0.432	42.50	0.103
2,3-Dimethylbutane	4.506	3.64	1.421	2.884	5.00	1.320
2,3-Dimethylpentane	2.178	0.00	0.705	1.323	0.00	0.839
2,4-Dimethylpentane	1.241	1.82	0.456	0.831	0.00	0.457
2-Ethyl-1-butene	2.754	98.18	2.754	4.991	97.50	4.991
2-Methyl-1-butene	2.57	74.55	0.245	2.518	72.50	0.365
2-Methyl-1-pentene	NA	100.00	NA	NA	100.00	NA
2-Methyl-2-butene	0.231	72.73	0.098	0.383	65.00	0.103
2-Methylheptane	1.635	0.00	0.580	1.583	0.00	0.918
2-Methylhexane	4.028	0.00	1.423	3.173	0.00	1.848
2-Methylpentane	19.39	0.00	6.244	10.46	0.00	5.328
3-Methyl-1-butene	NA	100.00	NA	NA	100.00	NA
3-Methylheptane	1.162	0.00	0.395	1.25	0.00	0.682
3-Methylhexane	3.8	12.73	1.693	4.438	17.50	1.956
3-Methylpentane	10.34	0.00	3.234	5.933	0.00	2.854
4-Methyl-1-pentene	0.591	76.36	0.164	0.435	75.00	0.167
cis-2-Hexene	0.0809	98.18	0.0809	0.207	97.50	0.207
cis-2-Pentene	0.126	45.45	0.081	0.112	37.50	0.076
Cyclopentane	2.444	0.00	0.817	1.532	0.00	0.703
Cyclopentene	0.958	83.64	0.149	0.379	77.50	0.102
Isopentane	60.79	0.00	19.010	36.65	0.00	15.050
Isoprene	2.084	14.55	0.568	1.822	20.00	0.530
Methylcyclopentane	9.294	0.00	3.038	5.794	0.00	3.044
n-Heptane	7.318	0.00	2.724	5.796	0.00	3.199
n-Octane	3.691	0.00	1.223	3.837	0.00	2.133
trans-2-Hexene	NA	100.0	NA	NA	100.00%	NA
trans-2-Pentene	0.5	30.91	0.116	0.197	30.00%	0.093
Sum of Aliphatic C5-C8 Fraction	149.05	NA	49.559	103.961	NA	49.87

NA = Not Applicable

Table C2. Continued

2010 Total Petroleum Hydrocarbons with Toxicity Values at the Bell and Rulison Sites in the Rural Oil & Gas Development Area.

Compound	BELL			RULISON		
	Max. Conc. $\mu\text{g}/\text{m}^3$	% Samples ND	EPC $\mu\text{g}/\text{m}^3$	Max. Conc. $\mu\text{g}/\text{m}^3$	% Samples ND	EPC $\mu\text{g}/\text{m}^3$
Aliphatic hydrocarbons C9-C18						
1-Decene	NA	100.00	NA	0.296	97.50	0.296
1-Dodecene	1.021	32.73	0.267	0.849	20.00	0.236
1-Nonene	0.901	47.27	0.128	0.376	45.00	0.153
1-Tridecene	NA	100.00	NA	NA	100.00	NA
1-Undecene	NA	72.73	0.355	1.537	62.50	0.275
a-Pinene	0.814	41.82	0.208	0.466	35.00	0.189
b-Pinene	0.17	87.27	0.112	0.185	90.00	0.086
n-Decane	1.746	3.64	0.508	1.152	0.00	0.604
n-Dodecane	1.939	14.55	0.401	0.615	7.50	0.266
n-Undecane	2.499	3.64	0.517	0.79	0.00	0.441
n-Tridecane	0.661	98.18	0.661	0.064	95.00	0.076
Sum of Aliphatic C9-C18 Fraction	9.751	NA	2.496	6.330	NA	2.622
Aromatic Hydrocarbons C9-C16						
p-Diethylbenzene	0.373	72.73	0.084	0.384	62.5	0.108
m-Diethylbenzene	0.884	5.45	0.126	0.73	55.0	0.144
p-Ethyltoluene	0.317	18.18	0.134	0.639	10.0	0.215
m-Ethyltoluene	0.41	5.45	0.179	0.989	0.00	0.274
o-Ethyltoluene	0.364	14.55	0.131	0.501	7.50	0.195
Sum of Aromatic C9-C16 Fraction	2.348	NA	0.654	3.243	NA	0.936

NA = Not Applicable

Table C 2.1. 2010 Total Petroleum Hydrocarbons with toxicity values at the Parachute and Rifle Sites in the Urban Oil & Gas Development Area

Compound	PARACHUTE			RIFLE		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
Aliphatic hydrocarbons C5-C8						
1-Heptene	3.85%	2.289	0.900	3.39%	1.755	0.749
1-Hexene	13.46%	0.455	0.165	15.25%	0.602	0.222
1-Octene	25.00%	0.574	0.228	40.68%	0.407	0.150
1-Pentene	1.92%	0.62	0.215	0.00%	0.901	0.274
2,2,3-Trimethylpentane	25.00%	0.584	0.235	27.12%	0.724	0.210
2,2,4-Trimethylpentane	76.92%	0.546	0.114	6.78%	0.788	0.264
2,2-Dimethylbutane	0.00%	2.338	0.733	0.00%	1.469	0.554
2,3,4-Trimethylpentane	21.15%	0.406	0.116	3.39%	1.548	0.271
2,3-Dimethylbutane	3.85%	2.773	1.113	3.39%	2.896	1.184
2,3-Dimethylpentane	0.00%	1.44	0.783	0.00%	1.323	0.751
2,4-Dimethylpentane	3.85%	1.054	0.433	1.69%	1.007	0.397
2-Ethyl-1-butene	100.00%	NA	NA	98.31%	0.104	0.104
2-Methyl-1-butene	51.92%	0.717	0.156	18.64%	11.59	1.304
2-Methyl-1-pentene	100.00%	N/A	n/a	98.31%	0.0711	0.0711
2-Methyl-2-butene	40.38%	0.318	0.109	8.47%	1.44	0.365
2-Methylheptane	0.00%	2.067	0.957	0.00%	1.6	0.632
2-Methylhexane	0.00%	3.964	1.743	0.00%	5.972	1.522
2-Methylpentane	0.00%	11.34	4.724	1.69%	12.45	4.339
3-Methyl-1-butene	100.00%	NA	NA	98.31%	0.0815	0.0815
3-Methylheptane	0.00%	1.577	0.782	0.00%	1.256	0.480
3-Methylhexane	11.54%	4.075	1.726	11.86%	3.32	1.474
3-Methylpentane	0.00%	6.344	2.577	0.00%	6.99	2.324
4-Methyl-1-pentene	80.77%	0.229	0.160	69.49%	0.55	0.184
cis-2-Hexene	94.23%	0.13	0.129	91.53%	0.201	0.119
cis-2-Pentene	15.38%	0.146	0.090	10.17%	0.375	0.160
Cyclopentane	0.00%	1.406	0.609	0.00%	1.497	0.605
Cyclopentene	86.54%	0.507	0.116	77.97%	0.858	0.141
Isopentane	0.00%	50.46	13.370	1.69%	38.48	15.580
Isoprene	9.62%	1.956	0.592	8.47%	1.922	0.580
Methylcyclopentane	0.00%	6.942	2.686	0.00%	6.712	2.159
n-Heptane	0.00%	6.44	2.847	0.00%	5.515	2.003
n-Octane	0.00%	4.958	2.301	0.00%	4.006	1.303
trans-2-Hexene	94.23%	0.13	0.129	81.36%	0.134	0.088
trans-2-Pentene	15.38%	0.146	0.090	0.00%	0.717	0.275
Sum of Aliphatic C5-C8 Fraction	NA	116.93	40.928	NA	119.26	40.92

NA = Not Applicable

Table C2.1. Continued

2010 Total Petroleum Hydrocarbons with toxicity values at the Parachute and Rifle Sites in the Urban Oil & Gas Development Area

Compound	PARACHUTE			RIFLE		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
Aliphatic hydrocarbons C9-C18						
1-Decene	100.00%	NA	NA	100.00%	NA	NA
1-Dodecene	11.54%	1.205	0.335	22.03%	1.17	0.247
1-Nonene	26.92%	0.416	0.150	22.03%	0.717	0.167
1-Tridecene	98.08%	0.128	NA	98.31%	0.0797	NA
1-Undecene	71.15%	2.863	0.323	67.80%	0.895	0.218
a-Pinene	25.00%	2.836	0.309	27.12%	0.36	0.172
b-Pinene	86.54%	0.241	0.129	84.75%	0.233	0.101
n-Decane	0.00%	2.002	0.893	0.00%	1.839	0.598
n-Dodecane	5.77%	1.19	0.414	8.47%	2.218	0.466
n-Undecane	1.92%	1.813	0.645	6.78%	2.389	0.602
n-Tridecane	86.54%	0.242	0.152	96.61%	0.118	0.132
Sum of Aliphatic C9-C18 Fraction	NA	12.936	3.350	NA	10.019	2.703
Aromatic Hydrocarbons C9-C16						
p-Diethylbenzene	65.38%	0.324	0.094	52.54%	0.289	0.088
m-Diethylbenzene	53.85%	0.467	0.116	40.68%	0.267	0.109
p-Ethyltoluene	3.85%	0.459	0.222	6.78%	0.535	0.233
m-Ethyltoluene	1.92%	0.491	0.298	0.00%	0.901	0.374
o-Ethyltoluene	7.69%	0.612	0.258	3.39%	0.574	0.253
Sum of Aromatic C9-C16 Fraction	NA	2.353	0.988	NA	2.566	1.057

Table C3. 2010 Chemicals with no toxicity values at the Bell and Rulison Sites in the Rural Oil & Gas Development Area

Compound	BELL			RULISON		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
Acetylene	5.45%	96.28	30.850	0.00%	1.597	0.699
n-Butane	5.45%	96.28	30.850	5.00%	50.57	20.860
cis-2-Butene	21.82%	0.952	0.146	17.50%	0.151	0.101
trans-2-Butene	16.36%	2.174	0.333	22.50%	0.333	0.094
Ethane	0.00%	337.6	103.100	0.00%	188.8	79.500
Ethylene	0.00%	2.564	1.413	0.00%	2.191	1.413
Isobutane	0.00%	93.9	29.800	0.00%	47.78	19.920
Isobutene/1-Butene	7.27%	13.6	3.416	5.00%	8.835	2.422
Propane	0.00%	233.9	72.210	0.00%	121.4	49.780
Propyne	100.00%	NA	NA	100.00%	NA	NA
Carbonyls						
Benzaldehyde	0.00%	0.252	0.132	0.00%	0.286	0.142
Butyraldehyde	0.00%	0.271	0.125	0.00%	0.28	0.135
2,5-Dimethylbenzaldehyde	100.00%	NA	NA	0.00%	0.123	0.072
Hexaldehyde	11.76%	0.123	0.084	0.00%	0.143	0.079
Isovaleraldehyde	100.00%	NA	NA	100.00%	NA	NA
Tolualdehydes	29.41%	0.177	0.097	22.22%	0.182	0.100
Valeraldehyde	23.53%	0.0845	0.040	33.33%	0.106	0.047

Table C3.1. 2010 Chemicals with No Toxicity Values at the Parachute and Rifle Sites in the Urban Oil & Gas Development Area

Compound	PARACHUTE			RIFLE		
	% Samples ND	Max. Conc. µg/m ³	EPC µg/m ³	% Samples ND	Max. Conc. µg/m ³	EPC µg/m ³
Acetylene	0.00%	1.693	0.867	0.00%	4.888	1.756
n-Butane	3.85%	42.55	15.830	6.78%	53.19	21.790
cis-2-Butene	3.85%	0.51	0.201	1.69%	1.027	0.396
trans-2-Butene	5.77%	0.998	0.240	0.00%	1.193	0.432
Ethane	0.00%	262.6	80.970	0.00%	182.6	73.370
Ethylene	0.00%	3.276	1.745	0.00%	6.942	2.822
Isobutane	0.00%	155.7	19.040	0.00%	47.72	15.580
Isobutene/1-Butene	7.69%	17.78	3.509	0.00%	18.42	4.692
Propane	0.00%	158.1	46.300	0.00%	117.8	39.670
Propyne	100.00%	NA	NA	100.00%	NA	NA
Carbonyls						
Benzaldehyde	0.00%	0.391	0.176	0.00%	0.391	0.196
Butyraldehyde	0.00%	0.248	0.133	4.17%	0.348	0.194
2,5-Dimethylbenzaldehyde	100.00%	NA	NA	100.00%	NA	NA
Hexaldehyde	3.57%	0.172	0.078	0.00%	0.234	0.134
Isovaleraldehyde	100.00%	NA	NA	0.00%	0.234	0.134
Tolualdehydes	7.14%	0.251	0.114	12.50%	0.432	0.212
Valeraldehyde	21.43%	0.0916	0.047	0.00%	0.123	0.072

NA = Not Applicable

Table C4. 2010 Summary of EPCs at all Monitoring Sites.

Compound	EPCs ($\mu\text{g}/\text{m}^3$)			
	BELL	RULISON	PARACHUTE	RIFLE
Acetaldehyde	1.033	1.330	1.063	1.621
Acetone	2.851	3.603	2.934	3.427
Benzene	1.256	1.781	1.920	1.587
1,3-Butadiene	0.071	0.088	0.143	0.229
Crotonaldehyde	0.296	0.215	0.144	0.216
Cyclohexane	3.569	3.667	3.367	2.278
Ethylbenzene	1.022	1.135	3.458	2.720
Formaldehyde	1.412	1.579	1.696	1.955
n-Hexane	6.612	5.498	4.564	4.074
Isopropylbenzene	0.088	0.085	0.078	0.094
Methylcyclohexane	6.198	7.478	7.231	4.428
Nonane	0.539	0.985	1.254	0.675
Pentane	11.56	10.82	8.669	9.746
Propionaldehyde	0.123	0.128	0.150	0.190
Propylene	0.523	0.555	0.679	1.154
Propylbenzene	0.105	0.144	0.144	0.190
Styrene	0.086	0.104	0.165	0.100
Toluene	2.232	3.657	4.569	3.401
1,2,3-Trimethylbenzene	0.094	0.091	0.107	0.136
1,2,4-Trimethylbenzene	0.301	0.397	0.461	0.584
1,3,5-Trimethylbenzene	0.175	0.331	0.444	0.336
m-Xylene/p-Xylene	1.151	1.939	2.465	1.887
o-Xylene	0.260	0.360	0.490	0.565
Aliphatic hydrocarbons C5-C8	49.559	49.87	40.928	40.92
Aliphatic hydrocarbons C9-C18	2.496	2.622	3.350	2.703
Aromatic hydrocarbons C9-C16	0.654	0.936	0.988	1.057

Table C5. 2010 Estimated Potential Lifetime Cancer Risks and Noncancer Hazards (HQ)

Compound	BELL		RULISON		PARACHUTE		RIFLE	
	Cancer Risk	HQ	Cancer Risk	HQ	Cancer Risk	HQ	Cancer Risk	HQ
Acetaldehyde	2.27E-06	0.11	2.93E-06	0.15	2.34E-06	0.12	3.57E-06	0.18
Acetone	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Benzene	9.80E-06	0.04	1.39E-05	0.06	1.50E-05	0.06	1.24E-05	0.05
1,3-Butadiene	2.13E-06	0.04	2.64E-06	0.04	4.29E-06	0.07	6.87E-06	0.11
Crotonaldehyde	1.61E-04	NA	1.17E-04	NA	7.82E-05	NA	1.17E-04	NA
Cyclohexane	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Ethylbenzene	2.56E-06	0.00	2.84E-06	0.00	8.65E-06	0.00	6.80E-06	0.00
Formaldehyde	1.84E-05	0.14	2.05E-05	0.16	2.20E-05	0.17	2.54E-05	0.20
n-Hexane	NC	0.01	NC	0.01	NC	0.01	NC	0.01
Isopropylbenzene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Methylcyclohexane	NC	0.00	NC	0.00	NC	0.00	NC	0.00
n-Nonane	NC	0.00	NC	0.00	NC	0.01	NC	0.00
Pentane	NC	0.01	NC	0.01	NC	0.01	NC	0.01
Propionaldehyde	NC	0.02	NC	0.02	NC	0.02	NC	0.02
Propylene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
n-propylbenzene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Styrene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Toluene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
1,2,3-Trimethylbenzene	NC	0.02	NC	0.02	NC	0.02	NC	0.03
1,2,4-Trimethylbenzene	NC	0.04	NC	0.06	NC	0.07	NC	0.08
1,3,5-Trimethylbenzene	NC	0.01	NC	0.02	NC	0.02	NC	0.02
m-Xylene/p-Xylene	NC	0.01	NC	0.02	NC	0.02	NC	0.02
o-Xylene	NC	0.00	NC	0.00	NC	0.00	NC	0.01
Aliphatic hydrocarbons C5-C8	9.42E-06	0.08	9.48E-06	0.08	7.78E-06	0.07	7.76E-06	0.07
Aliphatic hydrocarbons C9-C18	1.12E-05	0.02	1.18E-05	0.03	1.51E-05	0.03	1.22E-05	0.03
Aromatic hydrocarbons C9-C16	NC	0.01	NC	0.01	NC	0.01	NC	0.01
Cumulative Risk	2.16E-04	0.58	1.81E-04	0.69	1.53E-04	0.73	1.92E-04	0.85

NC = NonCarcinogen; NA = Not Available