Table 8 - Risk Characterization Summary - Carcinogens								
Scenario Timeframe:		Future						
Receptor Population:		On-Site Resident						
Receptor Age:		Child						
Medium	**Exposure Medium**	**Exposure Point**	**Chemical of Concern**	**Carcinogenic Risk**				
				Ingestion	**Inhalation**	**Dermal**	**External (Radiation)**	**Exposure Routes Total**
Groundwater	Groundwater	Overburden GW	Acetone					
Groundwater	Groundwater	Overburden GW	benzene	4.20E-04		5.00E-05	-	4.70E-04
Groundwater	Groundwater	Overburden GW	2-butanone					0.00E+00
Groundwater	Groundwater	Overburden GW	chlorobenzene					0.00E+00
Groundwater	Groundwater	Overburden GW	chloroform					0.00E+00
Groundwater	Groundwater	Overburden GW	1,1-dichloroethane					0.00E+00
Groundwater	Groundwater	Overburden GW	1,2-dichloroethane	1.80E-02		6.50E-04		1.87E-02
Groundwater	Groundwater	Overburden GW	1,1-dichloroethene	2.80E-02		3.80E-03		3.18E-02
Groundwater	Groundwater	Overburden GW	1,2-dichloroethene					0.00E+00
Groundwater	Groundwater	Overburden GW	ethylbenzene					0.00E+00
Groundwater	Groundwater	Overburden GW	methylene chloride	3.00E-02		1.00E-03		3.10E-02
Groundwater	Groundwater	Overburden GW	4-methyl-2-pentanone					0.00E+00
Groundwater	Groundwater	Overburden GW	1,1,2,2-tetrachloroethane	1.80E-03	1.48E-05	2.21E-04		2.04E-03
Groundwater	Groundwater	Overburden GW	tetrachloroethene	7.50E-03	7.40E-06	4.00E-03		1.15E-02
Groundwater	Groundwater	Overburden GW	toluene					0.00E+00
Groundwater	Groundwater	Overburden GW	1,1,1-trichloroethane					0.00E+00
Groundwater	Groundwater	Overburden GW	1,1,2-trichloroethane					0.00E+00
Groundwater	Groundwater	Overburden GW	trichloroethene	2.30E-06	1.71E-02	3.20E-03		2.03E-02
Groundwater	Groundwater	Overburden GW	vinyl chloride	4.90E-01	6.00E-06	2.70E-02		5.17E-01
Groundwater	Groundwater	Overburden GW	4-chloroaniline					0.00E+00
Groundwater	Groundwater	Overburden GW	1,2-dichlorobenzene					0.00E+00
Groundwater	Groundwater	Overburden GW	1,4-dichlorobenzene	9.31E-04	5.57E-06	5.50E-04		1.49E-03
Groundwater	Groundwater	Overburden GW	4-methylphenol					0.00E+00
Groundwater	Groundwater	Overburden GW	1,2,4-trichlorobenzene					0.00E+00
Groundwater	Groundwater	Overburden GW	aluminum*					0.00E+00
Groundwater	Groundwater	Overburden GW	antimony*					0.00E+00
Groundwater	Groundwater	Overburden GW	cadmium*					0.00E+00
Groundwater	Groundwater	Overburden GW	chromium*					0.00E+00
Groundwater	Groundwater	Overburden GW	cobalt*					0.00E+00
Groundwater	Groundwater	Overburden GW	iron*					0.00E+00
Groundwater	Groundwater	Overburden GW	manganese*					0.00E+00
Groundwater	Groundwater	Overburden GW	nickel*		4.20E-09			4.20E-09
Groundwater	Groundwater	Overburden GW	vanadium*					0.00E+00

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Receptor Population:		On-Site Resident						
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Medium	**Exposure Medium**	**Exposure Point**	**Chemical of Concern**	**Carcinogenic Risk**				
				Ingestion	**Inhalation**	**Dermal**	**External (Radiation)**	**Exposure Routes Total**
Groundwater	Groundwater	Overburden GW	zinc*					0.00E+00
Groundwater	Groundwater	Overburden GW	naphthalene*					0.00E+00
Groundwater	Groundwater	Overburden GW	arsenic*	1.50E-04	3.01E-08	1.92E-05		1.69E-04
Groundwater	Groundwater	Overburden GW	copper*					0.00E+00
Groundwater	Groundwater	Overburden GW	chloroethane					0.00E+00
Groundwater	Groundwater	Overburden GW	bis(2-chloroethyl)ether	9.60E-04		3.70E-05		9.97E-04
Groundwater	Groundwater	Overburden GW	delta-BHC	1.20E-05		1.20E-05		2.40E-05
Groundwater	Groundwater	Overburden GW	dieldrin	6.60E-06		6.60E-06		1.32E-05
				5.78E-01	1.71E-02	4.05E-02	**Total Risk =**	6.35E-01
Key								
***Chemical may ultimately be related to background.**								
Source: A Guide to Preparing Superfund Proposed Plans, Records of Decision, and Other Remedy Selection Decision Documents (U.S. EPA, 1999)								