Table G-2
Vapor Intrusion
DRAFT Sub-Slab Soil Gas (SSSG) Comparison Values

		SSSGni C	SSSGni N		SSSGi C	SSSGi N	
COMPOUND	CAS #	(ug/m3)	(ug/m3)	Note	(ug/m3)	(ug/m3)	Note
Acetone	67-64-1			NA			NA
Benzene	71-43-2	4.0E+02		K	4.0E+02		K
Biphenyl,1,1-	92-52-4		8.0E+02	K		8.0E+02	K
Bis(2-chloroethyl)ether	111-44-4	1.0E+01		K	1.0E+01		K
Bis(2-chloroisopropyl)ether	108-60-1			NA			NA
Bromodichloromethane	75-27-4			NA			NA
Bromoform	75-25-2	7.3E+01		J	3.7E+02		J
Bromomethane	74-83-9		1.7E+02	J		7.3E+02	J
Carbon Disulfide	75-15-0		2.4E+03	K		2.4E+03	K
Carbon Tetrachloride	56-23-5	2.2E+02		K	2.2E+02		K
Chlorobenzene	108-90-7		3.7E+04	K		3.7E+04	K
Chlorodibromomethane	124-48-1			NA			NA
Chloroethane (Ethylchloride)	75-00-3		2.1E+05	K		2.1E+05	K
Chloroform	67-66-3	1.4E+02		K	1.4E+02		K
Chloromethane	74-87-3		1.9E+03	K		1.9E+03	K
Dibromoethane, 1,2-	106-93-4	1.5E+01		K	1.5E+01		K
Dichlorobenzene,1,2-	95-50-1			NA			NA
Dichlorobenzene,1,4-	106-46-7		4.7E+04	K		4.7E+04	K
Dichloroethane,1,1-	75-34-3			NA			NA
Dichloroethane,1,2-	107-06-2	1.3E+02		K	1.3E+02		K
Dichloroethene,1,1-	75-35-4		7.0E+03	J		7.0E+03	J
Dichloropropane,1,2-	78-87-5		2.8E+05	K		2.8E+05	K
Dichloropropene,1,3-	542-75-6		3.7E+03	K		3.7E+03	K
Ethyl benzene	100-41-4		3.3E+05	K		3.3E+05	K
Ethylene glycol	107-21-1		8.0E+04	K		8.0E+04	K
Formaldehyde	50-00-0	2.6E+02		K	2.6E+02		K
Hexachlorocyclopentadiene	77-47-4		7.0E+00	J		2.9E+01	J
Hexachloroethane	67-72-1	8.3E+02		K	8.3E+02		K
Methylene chloride	75-09-2	7.0E+03		K	7.0E+03		K
Methyl ethyl ketone	78-93-3		4.7E+05	K		4.7E+05	K
Methyl isobutyl ketone	108-10-1		1.6E+05	K		1.6E+05	K
Methylnaphthalene, 2-	91-57-6		4.0E+04	K		4.0E+04	K
MTBE (methyl tert-butyl ethe	1634-04-4		1.0E+05	J		4.3E+05	J
Naphthalene	91-20-3		4.0E+04	K		4.0E+04	K
Nitrobenzene	98-95-3		4.0E+03	K		4.0E+03	K
Phenol	108-95-2			NA			NA
Styrene	100-42-5		1.7E+05	K		1.7E+05	K
Tetrachloroethane,1,1,1,2-	630-20-6	1.1E+01		J	5.7E+01		J
Tetrachloroethane,1,1,2,2-	79-34-5	5.7E+01		K	5.7E+01		K
Tetrachloroethylene	127-18-4	3.7E+03		K	3.7E+03		K
Toluene	108-88-3		3.0E+05	K		3.0E+05	K
Trichlorobenzene,1,2,4-	120-82-1		7.0E+01	J		2.9E+02	J
Trichloroethane,1,1,1-	71-55-6		1.5E+06	K		1.5E+00	K
Trichloroethane,1,1,2-	79-00-5	2.1E+02		K	2.1E+02		K
Trichloroethene	79-01-6	2.0E+03		K	2.0E+03		K
Trichlorofluoromethane	75-69-4			NA			NA
Vinyl chloride	75-01-4	4.0E+01		K	4.0E+01		K
Xylene(mixed)	1330-20-7		3.3E+05	K		3.3E+05	K
Aliphatics C6-C8	NA		2.1E+04	J		8.7E+04	J
Aliphatics >C8-C10	NA		3.3E+03	J		1.5E+04	J
Aliphatics >C10-C12	NA		3.3E+03	J		1.5E+04	J
Aliphatics >C12-C16	NA		3.3E+03	J		1.5E+04	J
Aromatics >C8-C10	NA		3.3E+03	J		1.5E+04	J
Aromatics >C10-C12	NA		3.3E+03	J		1.5E+04	J
Aromatics >C12-C16	NA		3.3E+03	J		1.5E+04	J

J - Calculated risk-based value; SSSGni = nonindustrial; SSSGi = industrial; C=carcinogen; N=noncarcinogen
K - Louisiana Toxic Air Pollutant Ambient Air Standards (LAC 33:III.5112 Table 51.2).
NA - Louisiana Toxic Air Pollutant Ambient Air Standard not available; Tier 1 or Tier 2 inhalation toxicity value not available.
A sub-slab soil gas alpha of 0.03 was applied to the Ca.