Table 2
Summary of Indoor Air Analytical Results
Armstrong Bloomfield Neighborhood SA
Kokomo, Howard County, Indiana

			Location ID		
			Field Sample ID		
			Sample Date	10/6/2011	11/17/2011
Chemical Name	Screening Value[1]	Action Value[2]	Unit		
VOCs				55	100
Tetrachloroethene	2	20	µg/m³	[illegible]	[illegible]
Trichloroethene	5	50	µg/m³	3.8	1.2
trans-1,2-Dichloroethene	630	6300	µg/m³	1.7 U	0.71 U
cis-1,2-Dichloroethene	792	7920	µg/m³	1.7	0.71 U
Vinyl Chloride	1	10	µg/m³	1.1 U	0.46 U
1,1,1-Trichloroethane	NL	NL	µg/m³	2.3 U	0.98 U
1,1,2,2-Tetrachloroethane	NL	NL	µg/m³	2.9 U	1.2 U
1,1,2-Trichloroethane	NL	NL	µg/m³	2.3 U	0.98 U
1,1-Dichloroethane	NL	NL	µg/m³	1.7 U	0.72 U
1,1-Dichloroethene	NL	NL	µg/m³	1.7 U	0.71 U
1,2,4-Trichlorobenzene	NL	NL	µg/m³	16 U	6.6 U
1,2,4-Trimethylbenzene	NL	NL	µg/m³	3.2	0.88 U
1,2-Dibromoethane (EDB)	NL	NL	µg/m³	3.3 U	1.4 U
1,2-Dichlorobenzene	NL	NL	µg/m³	2.6 U	1.1 U
1,2-Dichloroethane	NL	NL	µg/m³	1.7 U	0.72 U
1,2-Dichloropropane	NL	NL	µg/m³	2 U	0.83 U
1,3,5-Trimethylbenzene	NL	NL	µg/m³	2.1 U	0.88 U
1,3-Butadiene	NL	NL	µg/m³	6.9	0.4 U
1,3-Dichlorobenzene	NL	NL	µg/m³	2.6 U	1.1 U
1,4-Dichlorobenzene	NL	NL	µg/m³	110	1.1 U
1,4-Dioxane	NL	NL	µg/m³	1.5 U	0.64 U
2,2,4-Trimethylpentane	NL	NL	µg/m³	10 U	4.2 U
2-Butanone (Methyl Ethyl Ketone)	NL	NL	µg/m³	6.3 U	3.2
2-Hexanone	NL	NL	µg/m³	8.8 U	3.7 U
2-Propanol	NL	NL	µg/m³	32	2.2 U
3-Chloropropene	NL	NL	µg/m³	6.7 U	2.8 U
4-Ethyltoluene	NL	NL	µg/m³	3.1	0.88 U
4-Methyl-2-pentanone	NL	NL	µg/m³	1.8 U	0.73 U
Acetone	NL	NL	µg/m³	48	5.5
alpha-Chlorotoluene	NL	NL	µg/m³	2.2 U	0.93 U
Benzene	NL	NL	µg/m³	8	0.57 U
Bromodichloromethane	NL	NL	µg/m³	2.9 U	1.2 U
Bromoform	NL	NL	µg/m³	4.4 U	1.8 U
Bromomethane	NL	NL	µg/m³	1.7 U	0.7 U
Carbon Disulfide	NL	NL	µg/m³	6.7 U	2.8 U
Carbon Tetrachloride	NL	NL	µg/m³	2.7 U	1.1 U
Chlorobenzene	NL	NL	µg/m³	2 U	0.82 U
Chloroethane	NL	NL	µg/m³	5.6 U	2.4 U
Chloroform	NL	NL	µg/m³	4.6	2.1
Chloromethane	NL	NL	µg/m³	6.8	0.37
cis-1,3-Dichloropropene	NL	NL	µg/m³	1.9 U	0.81 U
Cumene	NL	NL	µg/m³	2.1 U	0.88 U
Cyclohexane	NL	NL	µg/m³	1.5 U	0.62 U
Dibromochloromethane	NL	NL	µg/m³	3.6 U	1.5 U
Ethanol	NL	NL	µg/m³	3400 E	1.7 U
Ethyl Benzene	NL	NL	µg/m³	3.1	0.78 U
Freon 11	NL	NL	µg/m³	2.4 U	1.1
Freon 113	NL	NL	µg/m³	3.3 U	1.4 U
Freon 114	NL	NL	µg/m³	3 U	1.2 U
Freon 12	NL	NL	µg/m³	2.3 U	2.1
Heptane	NL	NL	µg/m³	1.8 U	0.73 U

Continental Steel Vapor Intrusion

Indoor Air screening values

Chemical	ppb	ug/m^3	Endpoint	Source
PCE	0.3	2	Cancer (10^{-5})	ATSDR CREG
TCE	0.9	5	Cancer (10^{-5})	ATSDR CREG
cis-1,2-DCE	200	792	Liver effects	ATSDR-Intermediate MRL
trans-1,2-DCE	160	630	Cancer (10^{-5})	EPA RSL
vinyl chloride	0.4	1	Cancer (10^{-5})	ATSDR CREG

Sub-slab screening values

Chemical	ppb	ug/m^3	Endpoint	Source
PCE	3	20	Cancer (10^{-5})	ATSDR CREG
TCE	9	50	Cancer (10^{-5})	ATSDR CREG
cis-1,2-DCE	2000	7900	Liver effects	ATSDR-Intermediate MRL
trans-1,2-DCE	1600	6300	Cancer (10^{-5})	EPA RSL
vinyl chloride	4	10	Cancer (10^{-5})	ATSDR CREG

Continental Steel Vapor Intrusion (revised 3-1-12)

Indoor Air screening values

Chemical	ppb	ug/m^3	Endpoint	Source
PCE	6	40	Neurologic effects	EPA RfC
TCE	0.2	0.9	Cancer (10^{-5})	ATSDR CREG
cis-1,2-DCE	200	792	Liver effects	ATSDR-Intermediate MRL
trans-1,2-DCE	160	630	Cancer (10^{-5})	EPA RSL
vinyl chloride	0.4	1	Cancer (10^{-5})	ATSDR CREG

Sub-slab screening values

Chemical	ppb	ug/m^3	Endpoint	Source
PCE	60	400	Neurologic effects	EPA RfC
TCE	2	9	Cancer (10^{-5})	ATSDR CREG
cis-1,2-DCE	2000	7900	Liver effects	ATSDR-Intermediate MRL
trans-1,2-DCE	1600	6300	Cancer (10^{-5})	EPA RSL
vinyl chloride	4	10	Cancer (10^{-5})	ATSDR CREG