







REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
941	ALL	SR_SE219	402199.1	3752987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02
940	ALL	SR_SE218	402199.1	3752947	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-02	0.00E+00	7.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-02
942	ALL	SR_SE220	402199.1	3753027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-02	0.00E+00	7.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-02
718	ALL	SR_W207	401550.2	3753021	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02	0.00E+00	5.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02
717	ALL	SR_W206	401550.2	3752981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02	0.00E+00	5.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02
715	ALL	SR_W204	401550.2	3752901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02	0.00E+00	5.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
714	ALL	SR_W203	401550.2	3752861	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-02
959	ALL	SR_SE237	402239.1	3752907	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-02
958	ALL	SR_SE236	402239.1	3752867	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
713	ALL	SR_W202	401550.2	3752821	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
716	ALL	SR_W205	401550.2	3752941	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02
961	ALL	SR_SE239	402239.1	3752987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-02
960	ALL	SR_SE238	402239.1	3752947	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02
849	ALL	SR_SE127	401959.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
962	ALL	SR_SE240	402239.1	3753027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-02
924	ALL	SR_SE202	402159.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-02	0.00E+00	5.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-02
869	ALL	SR_SE187	402119.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-02	0.00E+00	5.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-02
904	ALL	SR_SE142	401999.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-02	0.00E+00	5.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-02
736	ALL	SR_SE14	401639.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-02	0.00E+00	5.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-02
894	ALL	SR_SE172	402079.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-02	0.00E+00	5.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-02
879	ALL	SR_SE157	402039.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-02	0.00E+00	5.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-02
750	ALL	SR_SE28	401679.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-02	0.00E+00	5.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-02
939	ALL	SR_SE217	402199.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02	0.00E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02
764	ALL	SR_SE42	401719.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-02	0.00E+00	5.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-02
778	ALL	SR_SE56	401759.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-02	0.00E+00	5.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-02
719	ALL	SR_W208	401550.2	3753061	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-02
792	ALL	SR_SE70	401799.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02	0.00E+00	5.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02
806	ALL	SR_SE84	401839.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02	0.00E+00	4.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
834	ALL	SR_SE112	401919.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02
712	ALL	SR_W201	401550.2	3752781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02
693	ALL	SR_W182	401510.2	3752981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02
979	ALL	SR_SE257	402279.1	3752907	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02
691	ALL	SR_W180	401510.2	3752901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02	0.00E+00	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02
690	ALL	SR_W179	401510.2	3752861	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02	0.00E+00	4.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02
978	ALL	SR_SE256	402279.1	3752867	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-02	0.00E+00	4.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-02
694	ALL	SR_W183	401510.2	3753021	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-02	0.00E+00	4.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-02
820	ALL	SR_SE98	401879.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02	0.00E+00	4.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02
689	ALL	SR_W178	401510.2	3752821	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-02
511	ALL	SR_N82	402120.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-02	0.00E+00	4.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-02
957	ALL	SR_SE235	402239.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-02	0.00E+00	4.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-02
981	ALL	SR_SE259	402279.1	3752987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02	0.00E+00	4.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02
508	ALL	SR_N79	402080.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-02	0.00E+00	4.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-02
692	ALL	SR_W181	401510.2	3752941	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-02	0.00E+00	4.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-02
980	ALL	SR_SE258	402279.1	3752947	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02
504	ALL	SR_N75	402040.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02
430	ALL	SR_N1	401640.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
436	ALL	SR_N7	401680.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02
498	ALL	SR_N69	402000.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
695	ALL	SR_W184	401510.2	3753061	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02
445	ALL	SR_N16	401720.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00									

















REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
480	ALL	SR_N51	401880.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
486	ALL	SR_N57	401920.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
475	ALL	SR_N46	401840.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03
492	ALL	SR_N63	401960.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
465	ALL	SR_N36	401800.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-03
498	ALL	SR_N69	402000.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-03
504	ALL	SR_N75	402040.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
455	ALL	SR_N26	401760.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03
508	ALL	SR_N79	402080.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
445	ALL	SR_N16	401720.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
511	ALL	SR_N82	402120.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
942	ALL	SR_SE220	402199.1	3753027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03
436	ALL	SR_N7	401680.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
941	ALL	SR_SE219	402199.1	3752987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
849	ALL	SR_SE127	401959.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
487	ALL	SR_N58	401920.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
481	ALL	SR_N52	401880.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
940	ALL	SR_SE218	402199.1	3752947	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
493	ALL	SR_N64	401960.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
476	ALL	SR_N47	401840.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
430	ALL	SR_N1	401640.4	3753083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
499	ALL	SR_N70	402000.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
466	ALL	SR_N37	401800.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
505	ALL	SR_N76	402040.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
864	ALL	SR_SE142	401999.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03
456	ALL	SR_N27	401760.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
509	ALL	SR_N80	402080.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
764	ALL	SR_SE42	401719.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
778	ALL	SR_SE56	401759.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
750	ALL	SR_SE28	401679.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
736	ALL	SR_SE14	401639.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
792	ALL	SR_SE70	401799.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
446	ALL	SR_N17	401720.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
879	ALL	SR_SE157	402039.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
806	ALL	SR_SE84	401839.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
715	ALL	SR_W204	401550.2	3752901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
714	ALL	SR_W203	401550.2	3752861	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
716	ALL	SR_W205	401550.2	3752941	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
488	ALL	SR_N59	401920.4	3753163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
494	ALL	SR_N65	401960.4	3753163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
437	ALL	SR_N8	401680.4	3753123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
482	ALL	SR_N53	401800.4	3753163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
500	ALL	SR_N71	402000.4	3753163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
820	ALL	SR_SE98	401879.1	3752787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
477	ALL	SR_N48	401840.4	3753163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
894	ALL	SR_SE172	402079.1	3752827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
506	ALL	SR_N77	402040.4	3753163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
713	ALL	SR_W202	401550.2	3752821	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
467	ALL	SR_N38	401800.4	3753163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
510	ALL	SR_N81	402000.4	3753163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E						

















# **Technical Experts: Resumes**

# Zhe Chen, MBA



*Ms. Chen is a technical manager and senior environmental specialist focusing on air quality, climate change, and noise. She has rich experience in environmental consulting industry and a strong education background in science and engineering. Ms. Chen is qualified to prepare California Environmental Quality Act (CEQA) documents for public and private clients, especially air quality, greenhouse gas (GHG), energy, and noise technical analysis. She is an expert in air quality, GHG, and noise modeling, including California Emissions Estimator Model (CalEEMod), the AERMOD Atmospheric Dispersion Modeling System, the Federal Highway Administration Traffic Noise Model (TNM), etc. Ms. Chen also has rich experience in climate action planning, using her technical and analytical skills to provide climate change and environmental due diligence services to local governments and regional jurisdictions. She is proficient in utilizing climate change tools to develop GHG inventories and Climate Action Plans (CAP), recommending sustainability strategies and programs to local governments, and performing climate risk, vulnerability, and adaptation assessment.*

## RELEVANT EXPERIENCE

### **210 Las Animas Avenue Storage Facility Project Categorical Exemption.** *City of Gilroy, California.*

Senior Air Quality and Noise Specialist. Michael Baker prepared Air Quality, Health Risk Assessment, and Noise technical memorandums in support of the Categorical Exemption for the project. The project proposes the construction and operation of an approximately 18,825-square-foot industrial building and associated surface parking, which includes 29 spaces in the northern portion of the project site and 23 spaces in the western portion of the project site. Endeavour Storage Solutions, the project applicant, rents various sizes of storage containers throughout the greater Bay Area. The project applicant proposes to develop a vacant site with a facility that would serve as a staging area for the inventory of unrented storage units.

**Tumbleweed Energy Storage Project Technical Studies.** *Kern County, California.* Project Manager and Senior Air Quality and Noise Specialist. Michael Baker provided environmental services for the preparation of Air Quality, Health Risk Assessment, Greenhouse Gases, Energy, and Noise and Vibration technical studies for the project. The project would construct a 125 megawatt (MW) battery energy storage system (BESS), a 2 MW photovoltaic (PV) electric generating solar facility, a new one-mile overhead gen-tie line to the Desert Flower Substation located at the southwest corner of Holiday Avenue and 110th Street West. The project provides an electric energy storage service by receiving energy (charging), storing it, and later delivering the same energy (i.e., transmission) from and to the point of interconnection at the existing Southern California Edison (SCE)-owned Whirlwind Substation.

**Aratina Solar Farm Project EIR.** *Kern County, California.* Senior Air Quality and Noise Specialist. Michael Baker provided environmental services for the peer review of Air Quality/Greenhouse Gases, Health Risk Assessment, Energy, and Acoustical technical studies, and preparation of EIR sections for the project. The project would develop five photovoltaic solar facilities (Sites 1 through 5) and associated infrastructure on approximately 2,667.1 acres of privately-owned land. Collectively, the five solar facility sites would generate up to 600 megawatts of renewable energy, including up to 600 MW of energy storage. The project would be supported by a 230-kV gen-tie overhead and/or underground electrical transmission line(s) originating from one or more on-site substations and terminating at the SCE's Holgate Substation.

**Southern California Logistics Airport (SCLA) Specific Plan Amendment Subsequent EIR.** *Victorville, California.* Senior Air Quality and Noise Specialist. Michael Baker assisted the City of Victorville with preparation of an EIR for the SCLA Specific Plan Amendment Project, which includes Air Quality, Health Risk Assessment, Greenhouse Gases, Energy, and Noise and Vibration technical studies. The City has established a "Priority Development Area" with an area of approximately 2,312 acres for development feasibly occurring within the next 25 years. Development within this area is anticipated to occur over a total of five phases, in five-year increments over the next 25 years, and could result in approximately 25,973,000 square feet of new building area.

## Michael Baker INTERNATIONAL

*Years with Michael Baker*

4

*Years of Experience*

9

*Education*

M.B.A., 2023, Business Administration, University of California, Irvine

M.S., 2015, Environmental Science and Engineering, Stanford University

B.S., 2013, Chemistry, Peking University

*Licenses/Certifications*

LEED Green Associate, 2019

Certified Associate in Project Management, 2018

FHWA Traffic Noise Modeling, 2016

*Professional Affiliations*

Association of Environmental Professionals (AEP)

# Darshan Shivaiah



*Mr. Shivaiah is a technical analyst with experience in air quality, climate change, energy and noise, and a part of environmental science team at Michael Baker. He is knowledgeable and has gained experience by preparing numerous air quality, climate change and*

*acoustical studies for both private and public sectors under the California Environmental Quality Act (CEQA). Mr. Shivaiah has extensive experience in preparing CEQA documents for a wide-range of projects, including programmatic-level general plans/specific plans, mixed-use, commercial, residential, and infrastructure projects. He also experienced in preparing traffic impact analysis, VMT analysis, and parking studies. He is an expert in air quality, GHG, and noise modeling, including California Emissions Estimator Model (CalEEMod), the AERMOD Atmospheric Dispersion Modeling System and SoundPLAN. He is Certified Environmental Professional - In Training by the Academy of Board Certified Environmental Professionals (ABCEP) and is also a member of Association of Environmental Professionals (AEP).*

## RELEVANT EXPERIENCE

**Village Santa Ana Specific Plan Project Supplemental EIR.** *City of Santa Ana, California.* Technical Specialist. Michael Baker performed a supplemental study for an environmental impact report (EIR) being prepared for the Village Santa Ana Specific Plan Project. Environmental services for the preparation of Air Quality, Health Risk Assessment, Greenhouse Gases, Energy, and Noise and Vibration technical studies for the project. The Village Santa Ana Specific Plan Project would provide for redevelopment of the approximately 17.2-acre site with a mix of residential and commercial uses. In total, The Village would include approximately 1,583 residential units (encompassing approximately 1,850,000 square feet of building space), 80,000 square feet of retail space, 300,000 square feet of office space, and over 3.6 acres of open space. Construction of the proposed project is anticipated to begin January 2026 and could take up to 20 years to complete.

**South Coast Technology Center, Technical Memos.** *City of Santa Ana, California.* Technical Specialist. Michael Baker prepared technical memos for an environmental impact report (EIR) prepared for the South Coast Technology Center Project. Environmental services for the preparation of Air Quality, Health Risk Assessment, Greenhouse Gases, and Noise and Vibration technical studies for the project. The project proposes to demolish the Lake Center Office Park, including three existing buildings, a parking structure, and parking lots to construct three new Class A industrial buildings for office, manufacturing, and/or warehouse use. The three existing buildings that would be demolished are located on the eastern portion of the project site and total 178,026 square feet. The total proposed site area of 689,310 square feet (15.8 net acres). HRA included both construction and operational impact analyses.

**Green Acres Mortuary Improvements, ISMND.** *County of San Bernardino, California,* Technical Specialist. Michael Baker prepared technical sections technical memos for an Initial Study Mitigated Negative Declaration (ISMND) being prepared for the Green Acres Mortuary Improvements Project. Environmental services for the preparation of Air Quality, Health Risk Assessment, Greenhouse Gases, and Noise and Vibration technical studies for the project. The proposed project would improve the existing mortuary facility site with development of four (4) new buildings on the existing mortuary site, including: an approximately 7,915-square-foot building to serve as a Personal Care Center; an approximately 2,097-square-foot administration building, an approximately 4,498-square-foot hospitality building, and an approximately 2,790-square-foot garage building. The proposed use of the Personal Care Center (PCC) includes the delivery of bodies and caskets and services related to burial including cremation. The PCC building will contain three (3) cremation units and refrigeration.

**Temescal Canyon Warehouse.** *County of Riverside, California.* Technical Specialist. Michael Baker prepared Air Quality, Health Risk Assessment, and Noise and Vibration technical memorandums in support of an Initial Study Mitigated Negative Declaration (ISMND) for the project. The project site is located within the Temescal Canyon Area Plan (TCAP) portion of the Riverside County General Plan. The project site is a 2.33-acre property located within the Temescal Valley community of unincorporated Riverside County, California. The project proposes construction of a 42,458-square-foot industrial warehouse on a currently vacant lot. The triangular shaped lot is currently unimproved land, consisting of areas that are partly paved with concrete. The proposed industrial warehouse would be a single-story building with a 40,458-square-foot ground floor area and a 2,000-square-foot mezzanine office. The project also includes 57 parking stalls.

**Michael Baker**  
INTERNATIONAL

*Years with Michael Baker*  
2.5

*Years of Experience*  
6.5

### Education

M.S., 2018, Environmental Engineering, University of California, Irvine

B.Eng., 2015, Environmental Engineering, Sri Jayachamarajendra College of Engineering

### Licenses/Certifications

Certified Environmental Professional in Training, California, 2021, 35567211

### Professional Affiliations

Association of Environmental Professionals (AEP)